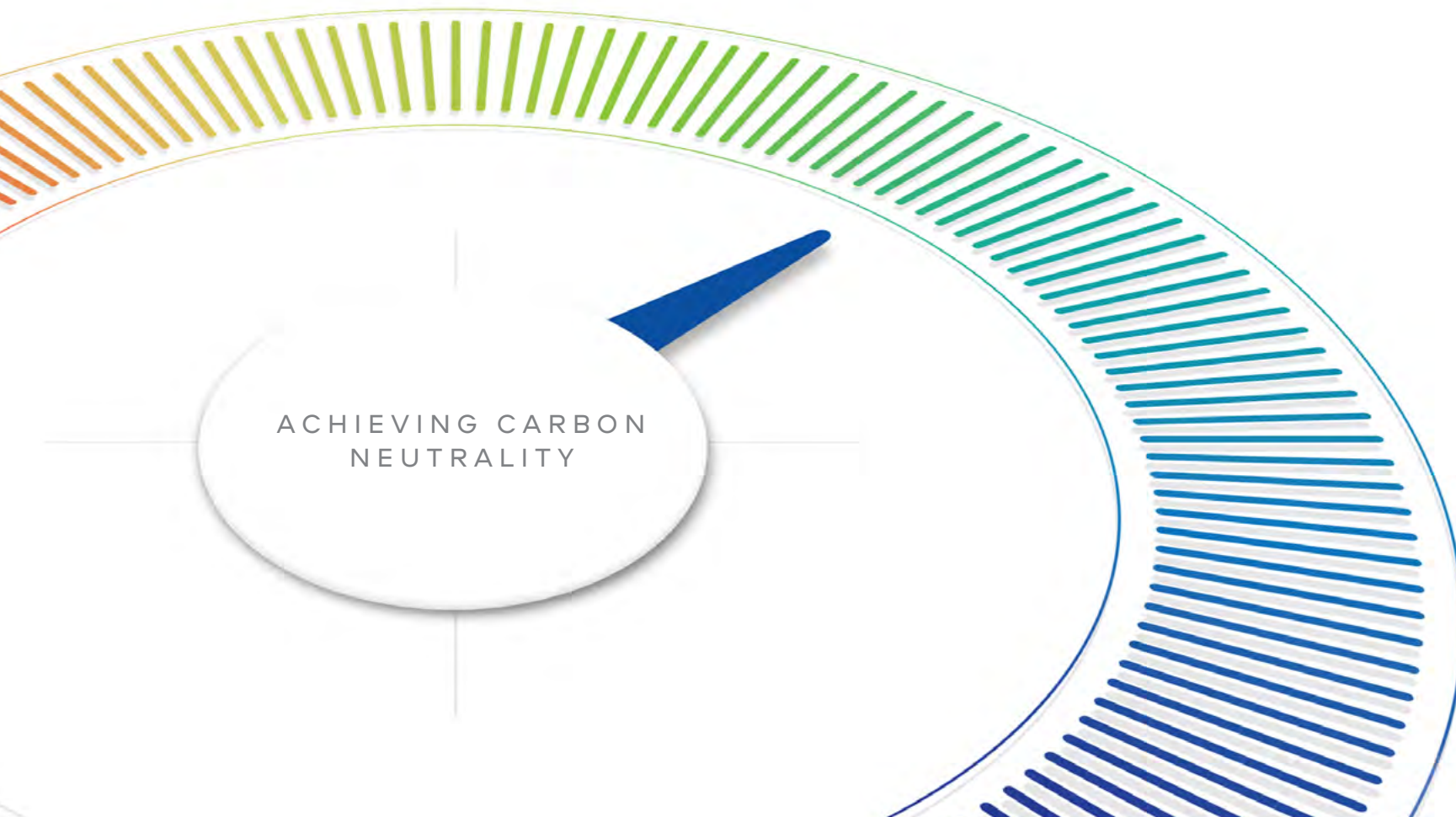


CREATING OPPORTUNITIES, **GROWING VALUE**

SUSTAINABILITY REPORT 2021





Creating Opportunities, Growing Value

The cover for our Sustainability Report 2021 reflects Bursa Malaysia's commitment to accelerating our actions to combat climate change while continuing to deliver on our mission of creating opportunities and growing values for our stakeholders. There has been a renewed global urgency in mitigating climate change as the world has been reminded, through regular and frequent occurrences of extreme weather catastrophes, that time is running out for us to make a difference. In doing our part, Bursa Malaysia has announced its commitment to achieving carbon neutrality by 2022 and net zero greenhouse gas emissions by 2050 across its entire operations.



Refer to more information within this report or our Integrated Annual Report (IAR) 2021



Refer to more information online



Refer to our Sustainability Policy



Our IAR 2021 is available online

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
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A MESSAGE FROM OUR CHAIRMAN AND CEO

“

We remain committed to the sustainable development agenda and will continue to implement new measures while working closely with key stakeholders and partners.

”

Tan Sri Abdul Wahid Omar
Chairman



Datuk Muhamad Umar Swift
Chief Executive Officer



Dear Stakeholders,

If 2020 was an awakening for businesses to pivot and survive the disruptions caused by the COVID-19 pandemic, 2021 did not make it any easier for organisations and individuals with the emergence of new COVID-19 variants. As the world grappled with the ongoing COVID-19 pandemic and its chain of disruptions, extreme weather events continued to affect various parts of the world, including Malaysia in December 2021.

The devastating floods, which were among the worst in decades in Malaysia, were indeed a wake-up call for all parties to take climate action seriously and push towards a low-carbon future. As the national stock exchange, Bursa Malaysia has the ability to accelerate sustainable development. Hence, we have made sustainability one of our strategic pillars and are committed to taking proactive steps in driving the sustainability agenda of the organisation, as well as of the wider capital market. We would, therefore, like to share with you the ways we have integrated sustainability into our organisation, and how we have supported our employees and the communities while contributing to the global agenda to combat climate change in our Sustainability Report 2021.

A MESSAGE FROM OUR CHAIRMAN AND CEO

Transitioning to a Low-Carbon Future

“

In 2021, we took a bold step forward and announced our commitment to becoming carbon neutral by 2022 and achieving net zero GHG emissions by 2050.

”

As climate change dominates the global conversation, the significance of transitioning to a low-carbon future is becoming more apparent. We can observe more organisations taking part and contributing to this cause. The COP26 climate change conference in Glasgow, Scotland, marked the pinnacle of global climate change action, as world leaders gathered to discuss and agree on measures needed to limit global temperature rise to 1.5°C. To contribute to the global climate change ambition, Malaysia has set its aspiration to achieve net zero greenhouse gas (GHG) emissions as early as 2050.

As a market regulator, we are committed to walking the talk and leading the public listed companies (PLCs) by example in accelerating climate action. In 2021, we took a bold step forward and announced our commitment to becoming carbon neutral by 2022 and achieving net zero GHG emissions by 2050. Our climate strategy was also strengthened when we reviewed our climate-related risks against the recommendations of the Task Force on Climate-related Financial Disclosures. In this regard, we conducted a climate scenario analysis to assess our climate-related risks and opportunities.

Soon, we will be introducing the Voluntary Carbon Market, which will allow organisations to offset their unavoidable emissions by purchasing carbon credits generated via projects targeted at removing or reducing GHG from the atmosphere. We are currently working closely with the government and relevant stakeholders to realise this ambition.

Advancing Sustainability in Capital Markets

With the growing interest in sustainable and responsible investment, we are striving to further promote and integrate sustainability into the capital market. In 2021, we launched the FTSE4Good Bursa Malaysia Shariah (F4GBMS) Index, which tracks constituents in the FTSE4Good Bursa Malaysia Index that are Shariah-compliant. With the convergence of Environmental, Social and Governance (ESG) and Islamic investing, this new F4GBMS index introduces a new dimension for local fund managers by embedding Shariah principles in an ESG index.

As a proponent of sustainability and ESG considerations, we undertook various initiatives in 2021 to advocate for more robust and stronger ESG practices among organisations through our BURSASUSTAIN website. One of the initiatives was the Corporate Sustainability Practitioner Competency Framework, which is aimed at equipping practitioners with relevant knowledge and skills relating to sustainability. The Corporate Governance Guide was also updated to guide PLCs in adhering to the requirements set out in the Securities Commission Malaysia's revised Malaysian Code on Corporate Governance. Furthermore, we shared pertinent knowledge on the website, featuring articles on sustainability in 'CEO's Thoughts' as well as video recordings of conversations between Bursa Malaysia's CEO and industry captains in 'CEO2CEO'.



As a market regulator, we do more than just advocate for sustainable development. In 2021, we made it mandatory for Crude Palm Oil Futures sellers making physical deliveries, to source palm oil that is certified under the Malaysian Sustainable Palm Oil Certification Scheme to promote transparency and sustainability in the palm oil supply chain. Going forward, we will actively drive sustainable development by exploring and innovating more ESG products and initiatives.

Creating a Safe, Compassionate and Inclusive Workplace

“

In 2021, we further championed diversity and gender equity by establishing a Diversity, Equity and Inclusion Policy to guide us in promoting fairness and inclusiveness.

”

Providing a caring and inclusive workplace is fundamental to developing a high-performing workforce. In 2021, we further championed diversity and gender equality by establishing a Diversity, Equity and Inclusion Policy to guide us in promoting fairness and inclusiveness. The policy reflects our commitment towards promoting gender equality and underscores our recognition of the importance of the participation of women at all levels of the organisation.

The ongoing COVID-19 pandemic has had a profound impact on the workforce and has challenged the existing workplace system. During these trying times, we understand the importance of providing a safe and caring workplace for our employees to assuage them of their fears about job security, remuneration and benefits. Hence, it is critical that we listen to their concerns and communicate with them on a regular basis, such as through town halls.

Therefore, we invested in an employee engagement feedback tool that not only serves as a platform for our employees to share their opinions, but also provides an alternative option for them to communicate with one another and with management. Aside from that, we introduced a fitness application called SWITCH, a digital tool to instil and promote a healthy and active lifestyle among our employees. We remain committed to meeting the needs of Bursa Malaysia to retain talent while demonstrating our responsibility as a caring employer.

A MESSAGE FROM OUR CHAIRMAN AND CEO

In 2021, we continued to implement strict safety measures and Standard Operating Procedures (SOPs) to ensure that everyone could return to work safely. We encouraged staff to get vaccinated and as of 31 December 2021, 100% of our employees are fully vaccinated and we are in the process of ensuring all our employees complete their booster doses. Nonetheless, we regret to report that three of our steadfast colleagues succumbed to the COVID-19 virus, and we would like to record our deepest condolences to their families and loved ones. We will continue to be vigilant and encourage adherence to SOPs, while providing a safe workplace for our employees.

Caring for Our Communities

“

Our goal is to generate long-lasting positive impacts by rolling out meaningful programmes and initiatives that are managed and implemented by our charitable arm, Yayasan Bursa Malaysia.

”

As an organisation that advocates a sustainable future for all, we care deeply for local communities and invest in their needs to ensure that no one is left behind. Our goal is to generate long-lasting positive impacts by rolling out meaningful programmes and initiatives that are managed and implemented by our charitable arm, Yayasan Bursa Malaysia.

To better meet our goal, we established the Corporate Social Responsibility (CSR) Plan 2021-2023, which focuses on Responsible Consumption and Production, Financial Literacy and Poverty Alleviation. The structured plan enabled us to roll out two flagship CSR programmes, i.e. re.Food and Sens-Ability, which are long-term community investment programmes. re.Food involves engagements with the capital market community to reduce food wastage, while

Sens-Ability promotes financial literacy among individuals as well as business organisations. We are pleased to note that both these flagship programmes were well-received by our stakeholders in 2021, with re.Food attracting the support of six corporates and garnering donations of over 1,600 kg of food to the B40 community, and Sens-Ability reaching out to about 7,900 individuals through 38 free sessions of financial and investment literacy programmes.

In advancing our communities, we want to do more than merely donate cash to people in need; we want to connect directly with the community to touch lives. Therefore, we set up Bursa VIBE (an acronym for Volunteer Initiative of Bursa Malaysia's Employees) - Bursa Malaysia's Employee Volunteer Club that encourages our employees to volunteer their time and lend a hand to the underprivileged and the vulnerable. Although the club was only established in September 2021, we are proud to note that 75 of our employees have already selflessly volunteered in various Bursa VIBE programmes, including emergency response efforts during the floods in December 2021.

To communities impacted by the pandemic, we contributed in cash and in kind, which included food and basic provisions to families, individuals and healthcare frontliners as well as healthcare equipment to the Ministry of Health and two ambulances to the Malaysian Red Crescent Society. We also supported other charitable causes, which included equipping underprivileged students with digital devices to attend online classes during the lockdowns, in addition to upskilling B40 communities with new skills and enhancing their competencies to help raise their income levels, reduce unemployment and improve their standards of living.

Going forward, we will continue to reach out to the wider community through robust and impactful initiatives and programmes guided by our CSR pillars and invest in generating long-lasting positive impacts. We will also expand our flagship programmes so that they can benefit more stakeholders and individuals as we continue to create value for all.

Moving Forward

2021 proved to be yet another challenging year, but we were able to successfully navigate the challenges and implement various initiatives, allowing us to create value for the Company and our stakeholders. We remain committed to the sustainable development agenda and will continue to implement new measures while working closely with key stakeholders and partners.

Last but not least, we would like to record our gratitude to our employees, who fully believed in and supported our sustainable development agenda. We would also like to thank all our stakeholders for their continuous support of Bursa Malaysia, and we look forward to working with you towards building a sustainable future for all.

Thank you.



Tan Sri Abdul Wahid Omar

Chairman



Datuk Muhamad Umar Swift

Chief Executive Officer

OUR JOURNEY AND MAJOR MILESTONES



OUR SUSTAINABILITY APPROACH

Our Sustainability Strategy

At Bursa Malaysia, we strive to continuously enhance our sustainability strategies and manage our own impacts. As a frontline regulator and market operator, it is important for us to walk the talk on sustainability. In 2021, we rolled out our new Sustainability Roadmap 2021-2023 (Roadmap) that is anchored on the fifth pillar of our Strategic Roadmap 2021-2023.

Called 'Embedding Sustainability in Our Organisation', the pillar envisions Bursa Malaysia as the preferred marketplace for sustainable and responsible investment through integrating sustainability practices and disclosures into our organisation as well as the capital market.

For more information on our Strategic Roadmap, please refer to page 37 of our IAR 2021.

Bursa Malaysia's Strategic Roadmap

Strategic Pillars

- Strengthening Our Core Business – Securities Market
 - Diversifying the Derivatives Business
 - Positioning Bursa Malaysia as the Global Hub for Islamic Capital Markets
 - Providing New and Improved Services to the Capital Market
 - Embedding Sustainability in Our Organisation and Marketplace
- Sustainability Roadmap 2021-2023



Sustainability Roadmap 2021-2023

The new roadmap consists of five priority areas that cover key sustainability strategies to drive our organisation forward and deliver positive outcomes for our stakeholders. Led by our vision to be ASEAN's Leading, Sustainable & Globally-Connected Marketplace, the five priority areas are supported by 25 initiatives, to be implemented over a three-year horizon.

Strategic Objectives of Our Initiatives


Material Matters

<p>Priority Area 1 Strengthening Our Core</p>	<p>Build capacities of market participants to support a vibrant and sustainable capital market</p>	Economic Performance Education and Capacity Building Market Integrity and Stability Cyber Security and Customer Privacy	Marketplace
<p>Priority Area 2 Driving Our Growth</p>	<p>Enhance the sustainable and responsible finance ecosystem through new investment products and high standards of sustainability practices and disclosure</p>	Sustainable Finance Innovation and Technology Excellence	
<p>Priority Area 3 Protecting Our Environment</p>	<p>Reduce our ecological footprint and manage climate-related risks as we transition towards a low-carbon future</p>	Climate Risks Environmental Footprint	Internal
<p>Priority Area 4 Empowering Our Workforce</p>	<p>Cultivate an empowered workforce to develop more sustainable approaches</p>	Anti-Fraud, Bribery and Corruption Workplace Environment Employee Engagement Learning and Development	
<p>Priority Area 5 Advancing Our Communities</p>	<p>Create positive impacts for society and demonstrate real commitment to supporting social and environmental issues that are aligned with Bursa Malaysia's mission</p>	Community Investment	Community

OUR SUSTAINABILITY APPROACH

Sustainability Governance

We adopt a top-down approach in our sustainability governance, whereby our Board of Directors holds ultimate responsibility for our sustainability matters. To strengthen our approach, we enhanced our sustainability governance in 2021 by establishing a new Sustainability and Development Committee (SDC) at the Board level. The SDC, together with the Risk Management Committee, drive our sustainability strategy and direction, ensuring that they are embedded in our daily operations. This also ensures Bursa Malaysia's key sustainability issues, challenges and opportunities receive the dedicated oversight of our Board.

 For more information on our sustainability governance, please refer to page 9 of our IAR 2021.

Sustainability Policies

As the frontline regulator of the capital market, we are cognisant of our role of leading by example and are obliged to uphold the highest standards of corporate governance. We remain guided by a set of robust policies that instil good business conduct, enhance our workplace environment and encourage sustainable procurement.



 Read more about our policies on our corporate website.

Note:
The list of policies above is not exhaustive.

Assessment of Material Matters and Stakeholder Engagement

We constantly engage with our stakeholders through various platforms to identify their key concerns and understand how we can meet their needs. We conduct a comprehensive materiality assessment every three years to identify sustainability issues that matter most to them and to our organisation. Given that sustainability considerations are constantly evolving, it is important that we periodically validate our material matters and identify emerging themes that are vital to our stakeholder groups.

 For more information on our Material Matters and stakeholder engagement, please turn to pages 82 to 90 of this report.

2021 SUSTAINABILITY HIGHLIGHTS

SUSTAINABILITY ROADMAP 2021-2023

Marketplace



Priority Area 1 Strengthening Our Core

Build capacities of market participants to support a vibrant and sustainable capital market



Priority Area 2 Driving Our Growth

Enhance the sustainable and responsible finance ecosystem through new investment products and high standards of sustainability practices and disclosure

- Partnered with Capital Markets Malaysia to help mid-tier companies seeking to undertake initial public offerings through ELEVATE
- Conducted various webinars to educate retail investors on investment products and development such as Exchange Traded Funds (ETFs), Leveraged/Inverse ETFs and Structured Warrants
- Launched Bursa Digital Research, a multifaceted research portal that serves to provide investors with an added source of research and data analysis
- Organised the inaugural Bursa Young Investors National Quiz Competition
- Held the 'Equality for Equity' campaign for the second year
- Launched the FTSE4Good Bursa Malaysia Shariah index
- Increase in the FTSE4Good Bursa Malaysia Index constituents from 75 in 2020 to 80 in 2021
- Introduced the After-Hours (T+1) Night Trading session for the derivatives market and improved operational efficiency
- Launched the fourth edition of the Corporate Governance (CG) Guide and enhanced CG Disclosure requirements in the Listing Requirements
- Rolled out Corporate Sustainability Practitioner Competency Framework for sustainability practitioners
- Enforced a compulsory ruling for the oil delivered under the Crude Palm Oil Futures and East Malaysian Palm Oil Futures to be Malaysian Sustainable Palm Oil-certified
- Joined the CEO Action Network (CAN) and pledged to adopt Level 3 commitments¹
- Launched three thought leadership initiatives that were featured on BURSASUSTAIN: the Annual Chairman's Letter to public listed companies (PLCs), CEO2CEO video series and the CEO's Thoughts column
- 12 SMEs were listed on the LEAP Market, an increase of 71% from the previous year
- Signed a memorandum of understanding with Alliance Bank Malaysia Berhad and OCBC Bank (Malaysia) Berhad to help PLCs advance the adoption of environmental, social and governance (ESG) practices in their businesses by offering sustainability-linked financial products
- Established an internal ESG Products Task Force to accelerate the ESG product development process
- Entered into a memorandum of understanding with the Institutional Investors Council Malaysia to collaborate on initiatives to advance the sustainable and responsible investment ecosystem and drive ESG data standardisation

Internal



Priority Area 3 Protecting Our Environment

Reduce our ecological footprint and manage climate-related risks as we transition towards a low-carbon future



Priority Area 4 Empowering Our Workforce

Cultivate an empowered workforce to develop more sustainable approaches

- Reviewed climate-related risks against the recommendations of the Task Force on Climate-related Financial Disclosures
- Announced our commitment to achieving carbon neutrality by our 2022 and net zero greenhouse gas emissions by 2050
- Undertook CDP² assessment on Bursa Malaysia's quality of climate practices and disclosures
- Committed to setting science-based targets in line with 1.5°C climate ambition
- Conducted a building energy audit of the Bursa Malaysia's main office and annexe building to identify energy conservation measures
- Established the Diversity, Equity and Inclusion Policy
- Introduced the SWITCH fitness application
- Launched the Employee Engagement Module, to promote open and positive communication with employees to better meet their needs

Community



Priority Area 5 Advancing Our Communities

Create positive impacts for society and demonstrate real commitment to supporting social and environmental issues that are aligned with Bursa Malaysia's mission

- Contributed more than RM6 million to COVID-19 and disaster relief
- Launched our employee volunteer club, Bursa VIBE
- Launched two flagship corporate social responsibility programmes: re.Food and Sens-Ability

Notes:

¹ CAN's Level 3 commitments include committing to measuring, reporting and setting public targets on how organisations contribute to achieving the 2030 UN Sustainable Development Goals; achieving Net Zero by 2050, and committing to developing and publishing a progressive roadmap by 2023, if not sooner; and committing to adopting the "United Nations Guiding Principles (UNGPs) on Business and Human Rights" within their organisations and also supporting the adoption of the UNGPs throughout their value chain.

² CDP, formerly known as the Carbon Disclosure Project, is an international non-profit organisation that runs the global disclosure system on environmental impacts.

Q&A WITH THE DIRECTOR OF GROUP SUSTAINABILITY

Q1

Bursa Malaysia has announced its commitment to becoming carbon neutral by 2022 and achieving net zero greenhouse gas (GHG) emissions by 2050. Can you share with us the thinking behind this and the plans?

Climate action has always been our priority, and we recognise our role of leading by example. As a strong proponent of ESG and a supporter of the Task Force on Climate-related Financial Disclosures since 2018, embarking on a carbon neutral and net zero GHG emissions journey is a natural progression for Bursa Malaysia. In order to

successfully mitigate climate change, we need a whole-of-society approach. Thus, we believe it is also important for more companies to transition towards a low-carbon business model. As an ecosystem enabler, we will continue to advocate for strong climate action and encourage more companies to set ambitious climate goals.

To support our own climate aspirations, we have identified a set of strategic initiatives to significantly decarbonise our business activities. This includes enhancing our GHG emissions reporting, setting science-based targets and offsetting our measured GHG emissions annually. In addition, we plan to engage with our workforce to adopt environmentally friendly practices and habits through our Carbon Conscious Workplace programme, as well as improve the energy-efficiency of our key assets.

Throughout our journey, we will ensure that we keep our stakeholders informed about our progress in meeting our climate commitments and our achievements in all our future sustainability reports.

“

As a strong proponent of ESG and a supporter of the Task Force on Climate-related Financial Disclosures since 2018, embarking on a carbon neutral and net zero GHG emissions journey is a natural progression for Bursa Malaysia

”



Emilia Tee
Director of Group Sustainability

Q&A WITH THE DIRECTOR OF GROUP SUSTAINABILITY

Q2

The COVID-19 pandemic has impacted almost all aspects of our lives, particularly the social dimension. What is Bursa Malaysia doing in relation to the ‘S’ aspect?

As a forward-looking organisation, we are aware that positive social impacts are integral to the sustainability of Bursa Malaysia. Hence, we are always looking to improve our social governance, policies and initiatives to generate long-lasting positive impacts for both our employees and the local communities. During the pandemic, there was no doubt that we had an opportunity to create positive social impacts that would enable our employees and communities to navigate challenges from the pandemic.

We recognise that the COVID-19 pandemic has altered the workplace as we know it. Nevertheless, it is important that we find new ways to keep employees engaged and connected. We continued to organise online webinars and programmes to raise awareness on various sustainability issues, promote social interactions and create a sense of belonging. We also

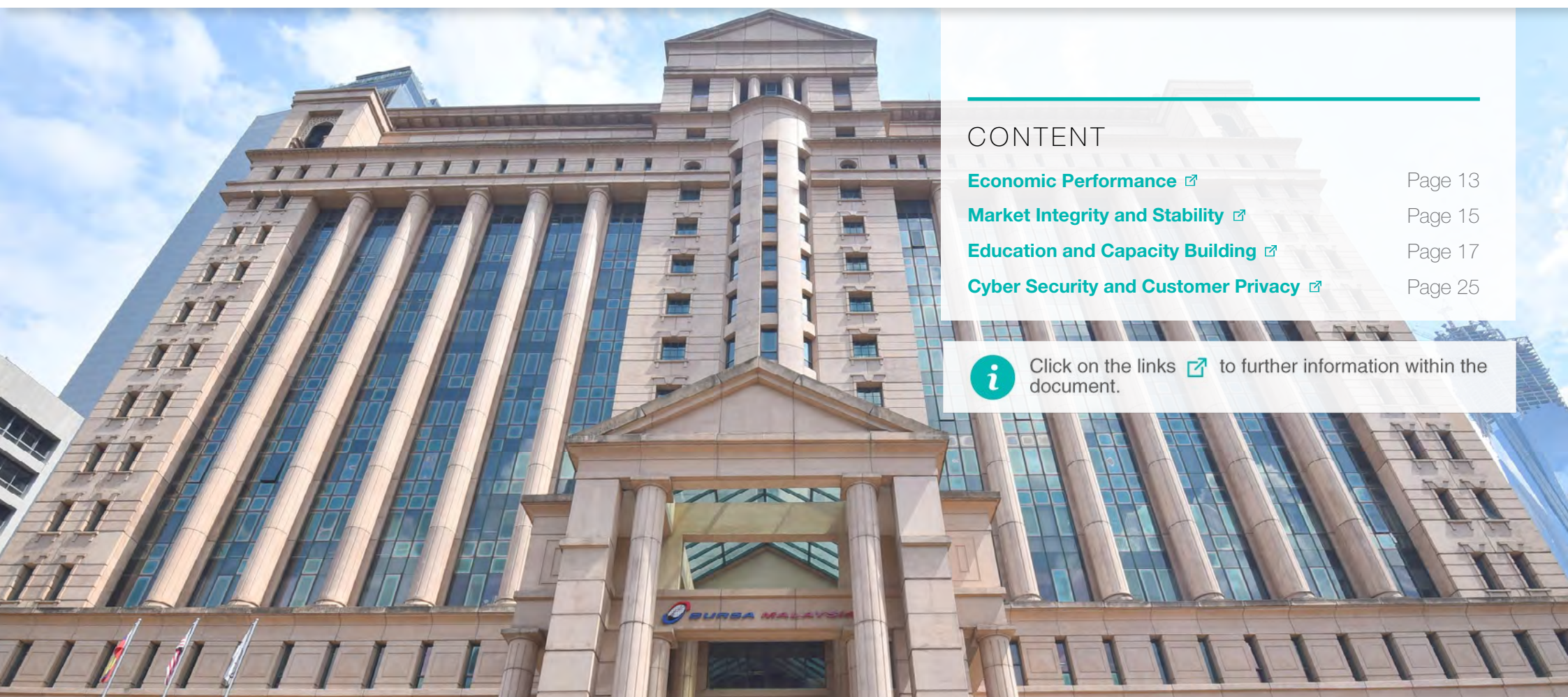
strive to champion diversity and inclusion, with a focus on gender equality. We are proud to note that we have rolled out a Diversity, Equity and Inclusion Policy to further inculcate diversity and inclusion at the workplace. The policy will serve as a guide for us to continue embedding and promoting diversity and gender equality in our corporate culture in order to be a progressive employer. Through our charitable arm, Yayasan Bursa Malaysia, we will also continue to support various community programmes and initiatives that are aligned with the needs of society.

Q3

Can you give us a preview of the 2022 initiatives and focus areas?

With the emergence of new COVID-19 variants, the pandemic seems to be far from over as we enter 2022. Having said this, we will continue to navigate disruptions from the pandemic, advance our environmental, social and governance (ESG) agenda and support sustainable development. This includes enhancing BURSASUSTAIN to ensure access to knowledge and information on sustainability, stepping up climate action and supporting national and global climate goals. We will also contribute towards the development of the sustainability ecosystem through our participation in the CEO Action Network (CAN). As a member of CAN, we aim to strengthen our sustainability leadership in the marketplace and support rising calls for the greater adoption of sustainability.

In 2022, we will be working towards establishing a Voluntary Carbon Market (VCM), the first of its kind in Malaysia. We believe the VCM will play an important role in our country's transition towards a low-carbon economy. In line with growing awareness on human rights considerations, we also plan to kickstart the adoption of the United Nations Guiding Principles on Business and Human Rights in our business operations. As a standard practice, we will continue to collaborate with other ecosystem players to advance the adoption of ESG practices among our public listed companies. This includes carrying out ESG capacity building programmes, driving sustainability-linked financial products and Shariah-compliant ESG offerings, as well as promoting ESG-themed indices.



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Click on the links [↗](#) to further information within the document.

STRENGTHENING OUR CORE

We aim to provide a vibrant and sustainable capital market with a robust supporting system that ensures smooth operations. Thus, we have in place strategic measures to ensure market integrity and stability, promote capacity building through educational programmes, as well as to safeguard our cyber security and customer privacy. We will continue to strengthen our core while creating value for our stakeholders in our journey to becoming a leading, sustainable and globally-connected marketplace.



ECONOMIC PERFORMANCE

Why it matters

Companies can directly impact the well-being of the economy through their business activities. These include creating positive impacts that drive economic growth such as providing job opportunities to improve livelihoods, contributing tax payments to enable better infrastructure and public services, and offering products and services to enrich the community.

We are aware of the direct impact of our activities on the economy and the value we generate for our stakeholders such as dividends, jobs and taxes. Moreover, our economic performance is able to impact on investors' confidence as a whole.



Our Sustainability Policy Commitments [↗](#)


- Adopt the principles of proportionality and transparency
- Provide inclusive and accessible market

Our Approach

We define economic performance as our ability to generate and preserve value over time. As a regulator and market operator, we have a unique role to play in the development of the local economy. We seek to contribute to the economic well-being of our wide-ranging stakeholder groups through various approaches and channels.


1 Shareholders

We generate value for our shareholders in the form of dividends, which are governed by our Dividend Policy that commits to paying not less than 75% of our Profit After Tax and Minority Interest (PATAMI).

 [Read more about our Dividend Policy on our corporate website.](#)

2 Suppliers

We are guided by the principles in our Vendor Code of Conduct, which include sustainability considerations covering economic, social and environmental aspects.


 [Read more about our Vendor Code of Conduct on our corporate website.](#)

3 Employees

We invest in the professional development of our employees as well as create a conducive and engaging workplace.

4 Community


We have pledged to devote 1% of our Profit After Tax to corporate social responsibility activities, to be channelled through our foundation, Yayasan Bursa Malaysia. This is in line with our aim of creating long-lasting positive impacts to enrich the local communities through community investment activities.

 [For more information on our community investment approach and initiatives, please turn to pages 69 to 75.](#)

5 Government

We are committed to fulfilling our legal obligations and statutory duties in the form of tax contribution.

We also actively participate and support government initiatives, including the recent CERDIK programme.

 [For more information on CERDIK programme, please turn to page 72 of this report.](#)

ECONOMIC PERFORMANCE

Our Progress

Trading revenue from Securities Market was lower in 2021 from 2020 in tandem with the decline in average daily value for on-market trades (OMT) and Direct Business Trades (DBT), which was reported at RM3.7 billion (2020: RM4.3 billion). However, there was an increase in IPO activities for 2021, a testament to the confidence of companies and investors in the Malaysian capital market and the Exchange as a platform for their fundraising and investing needs. We will continue to innovate new products to meet the evolving needs of market participants and attract global players to keep creating value for our stakeholders.



Moving Forward

We seek to continue enhancing our market competitiveness to generate long-term economic value for our stakeholders and contribute to the development of the Malaysian economy. We will continue to drive sustainable growth, enhance product and service offerings to meet the diverse needs of investors, and leverage innovation and technology excellence. It is our aim to keep a fair and orderly market and invest in education and capacity building to continue to enhance the standard of our capital market, while shaping a more financially literate community.

Support for Local Vendors

In 2021, 95.4% of our suppliers were local vendors. There were no significant changes to our supply chain during the year under review.



MARKET INTEGRITY AND STABILITY

Why it matters

As a frontline market regulator, Bursa Malaysia strives to uphold market integrity and stability by improving its regulation, supervision and market management activities. Market integrity and stability are integral to the sustainability of the Exchange as they promote trust, lower systemic risk and support capital raising activities. They also enable efficient price discovery apart from ensuring equal access to the market for all participants.



Our Sustainability Policy Commitments [↗](#)

- Adopt principles of proportionality and transparency
- Promote high business conduct among our intermediaries

Our Approach

To adapt to evolving market challenges, we remain guided by our three-year Regulatory Plan as well as our statutory obligations to maintain a fair and orderly market apart from protecting the interests of investors. We continue to anchor our strategic objectives and focus areas on the following principles:

REGULATION AND SUPERVISION	MARKET MANAGEMENT
<ul style="list-style-type: none"> • Greater Communication and Engagement for Improvement 	<ul style="list-style-type: none"> • Safeguarding stability through price limit mechanisms, namely static price limit, dynamic price limit and last price limit
<ul style="list-style-type: none"> • Differentiated Approach 	<ul style="list-style-type: none"> • Managing undue and irrational volatility through the circuit breaker
<ul style="list-style-type: none"> • No more Rules than Necessary 	<ul style="list-style-type: none"> • Ensuring proper default management framework and procedures
<ul style="list-style-type: none"> • Collaborations/Partnerships 	<ul style="list-style-type: none"> • Comprehensive business continuity plan
<ul style="list-style-type: none"> • Dynamic Supervision Framework 	<ul style="list-style-type: none"> • Compliance with IOSCO-PFMI and regulatory guidelines
<ul style="list-style-type: none"> • Greater Communication and Engagement on Trading 	
<ul style="list-style-type: none"> • Incentivising Good Behaviour 	
<ul style="list-style-type: none"> • Greater Digitalisation and Automation 	



Read more about our approach in managing market integrity and stability on our corporate website.

Our Progress

Regulation and Supervision

We continue to put in place an effective regulatory framework to ensure a fair and orderly market. In 2021, we enhanced our supervisory approach to remain progressive and dynamic. We also updated the Compliance Guidelines and our Listing Requirements, conducted thematic reviews and enforced the relevant rules when material breaches were detected after thorough investigations and due process.



For more information on our progress and achievements in relation to regulation and supervision, please refer to pages 111 to 116 of our IAR 2021.

Market Management Measures Implemented

As the pandemic prolonged in 2021, we have extended the mitigation measures that were implemented in 2020 to safeguard the market from undue volatility and provided continued, reliable access to the capital market. These included extending the temporary revisions of market management and control mechanisms, such as the dynamic price limit and static price limit, to 30 May 2021 from the original six-month period of 20 July 2020 to 18 January 2021. We also extended the temporary suspension of Intraday Short Selling (IDSS) and intraday short selling by Proprietary Day Traders (PDT Short Sale) until 31 December 2021. Our aim was to strengthen the integrity of the capital market, promote market stability and preserve immediate and long-term market confidence.

MARKET INTEGRITY AND STABILITY

The market management and control mechanisms, namely the dynamic price limit and the static price limit for FTSE Bursa Malaysia Kuala Lumpur Composite Index (FBMKLCI) component stocks and the Bursa Malaysia Circuit Breaker trigger levels were reinstated to their original parameters on 31 May 2021 – see Tables 1 and 2 below. The decision to reinstate the original parameters took into account the improving economic outlook with the roll-out of the COVID-19 vaccination programme and normalisation of global market conditions.

Table 1 – Static and Dynamic Price Limits for FBMKLCI Component Stocks (from 31 May 2021 onwards)

Securities type	Securities Prices	Static Price Limit ¹	Dynamic Price limit ²
FBMKLCI Index component stocks	>=RM1.00	Upper limit price +30% Lower limit price -30%	Upper dynamic limit +8% Lower dynamic limit -8%
	<RM1.00	Upper limit price +30 sen Lower limit price -30 sen	Upper dynamic limit +8 sen Lower dynamic limit -8 sen

Notes:

¹ Static Price Limit:

Lower limit price reverted back to -30% from -15% for securities prices >=RM1.00, and to -30 sen from -15 sen for securities prices <RM1.00

² Dynamic Price Limit:

Lower dynamic limit reverted back to -8% from -5% for securities prices >=RM1.00, and to -8 sen from -5 sen for securities prices <RM1.00

Table 2 – Bursa Malaysia Circuit Breaker Trigger Levels (from 31 May 2021 onwards)


Bursa Malaysia Circuit Breaker Trigger Levels/Conditions And Trading Halt Duration					
Trigger Level	FBMKLCI Decline	From 9:00 am – before 11:15am	From 11:15 am to 12:30pm	From 2:30 pm – before 3:30 pm	From 3:30 pm to 5:00 pm
1	FBMKLCI falls by an aggregate of 10% or more but less than 15% of the previous market day's closing index.	1 Hour	Rest of Trading Session	1 Hour	Rest of Trading Session
2	FBMKLCI falls by an aggregate of 15% or more but less than 20% of the previous market day's closing index.	1 Hour	Rest of Trading Session	1 Hour	Rest of Trading Session
3	FBMKLCI falls by an aggregate of 20% or more of the previous market day's closing index.	9:00 am – 12:30 pm		2:30 pm – 5:00 pm	
		Rest of Trading Day		Rest of Trading Day	

Note:

Temporary revision of the circuit breaker levels to two trigger levels (10% and 15% only) reverted back to three trigger levels (10%, 15% and 20%)

We also rolled out relief measures to help lessen the financial and compliance burdens of public listed companies (PLCs) and market participants due to the COVID-19 pandemic. The measures included:

- Greater flexibility for Participating Organisations (POs) to manage margin accounts
- Extension of the temporary waiver of the requirement for a Proprietary Day Trader to close off buy positions in relation to day trading (PDT Temporary Waivers) up to 31 December 2021
- A one-month extension of time for the issuance of periodic reports until end of August 2021
- A 12-month extension for the increased general mandate of 20% for new issue of securities by way of private placement (20% General Mandate) and the general mandate of 50% based on pro-rata entitlement for new issue of securities by way of rights issue (Pro-Rata 50% General Mandate)
- A three-month grace period for the submission of physical CDS transaction forms by the Authorised Depository Agents to Bursa Malaysia Depository

 For more information on market control and relief measures in 2021, please refer to pages 112 to 113 of our IAR 2021.

Trading halt and suspension

Bursa Malaysia may, at any time, halt the trading of any listed securities upon the listed issuer releasing material announcement, pursuant to Paragraph/Rule 16.04 of the Main and ACE Market Listing Requirements and Paragraph 8.04 of the LEAP Market Listing Requirements. The number of trading halts (Jan to Dec 2021) was 265 and the average duration of each trading halt was one hour. In 2021, we did not suspend any counter/stock due to/related to volatility or erratic trading.

Moving Forward

We will continue to update and strengthen our approach to regulation and market operations to safeguard a fair and orderly market. To ensure smooth functioning of the capital market, we will strive to provide timely, fair, independent and transparent processes and actions that are effective.

EDUCATION AND CAPACITY BUILDING

Why it matters

Raising awareness and educating our stakeholders are vital components to maintaining a resilient and efficient capital market. We believe in equipping our stakeholders with adequate knowledge and skills about the capital market's complex ecosystem to enable them to make informed decisions and participate in various activities that will support resilient economic growth and financial stability.



Our Sustainability Policy Commitments [↗](#)

- Provide an inclusive and accessible market
- Advocate sustainability and facilitate capacity building
- Promote education for communities

Our Approach

Our approach to promoting education and capacity building is focused on our stakeholder groups, where each programme and initiative is strategically developed to suit the needs of the particular stakeholder groups in question.

To ensure our programmes are relevant and that they fulfil the unique demands of the various stakeholder groups, we analyse market trends, map potential risk areas, gather insights from on-site and off-site monitoring and conduct targeted stakeholder consultations as well as post-event analytics. We constantly strive to ensure our programmes and initiatives meet our objectives by working closely with industry partners, intermediaries and training providers. In addition, we offer multi-lingual educational programmes and solutions, namely in English, Bahasa Melayu and Mandarin, where possible, to cater to our ethnically diverse retail investors, ensuring our education efforts reach our targeted audience.



Public Listed Companies

Key Objectives

To raise awareness on corporate disclosure obligations, enhance the quality of corporate governance and sustainability practices and disclosures.



Intermediaries

Key Objectives

To raise awareness on regulatory issues, operational and business-related matters, cyber security, promote market integrity, high standards of business conduct and compliance and instil a culture of self-regulation.



Investors

Key Objectives

To grow our retail investor base and empower investors with knowledge, skills and tools to make informed investment decisions.



Community Groups

Key Objectives

To create awareness and enhance the financial literacy of targeted community groups.

EDUCATION AND CAPACITY BUILDING

Our Progress

In 2021, we leveraged digital tools and online platforms to navigate the pandemic challenges and deliver on our purpose of building a sustainable marketplace. We reached out to our stakeholders through webinars, online workshops, social media and digital platforms to keep our stakeholders informed about the capital markets amid lockdown periods and restricted movement control orders.

Public Listed Companies (PLCs)

In 2021, we conducted various advocacy sessions, workshops on climate change and a leadership programme that were aimed at elevating the disclosure standards and practices of PLCs.

Programmes	Number of Sessions	Number of Attendees
Corporate Disclosure Framework and Expectations on Disclosures for directors and senior management of ACE Market PLCs	2	216
Raising Standards of Board Governance – The Role of Company Secretaries	2	140
Fraud Risk Management Workshop	4	156
Sustainability Reporting Workshops For Practitioners	16	488
Thematic Workshop: Practical Steps in Measuring & Managing Greenhouse Gas (GHG) Emissions (Scopes 1, 2 & 3)	1	32
Thematic Workshop: Human Rights Issues in Businesses – Closing Gaps in Implementation and Reporting	2	68
Webinar on FTSE4Good methodology – Updates on Climate Change Metrics	2	410
Technical Workshop on Climate Change – Measuring and Managing GHG Emissions	2	29

Intermediaries

We organised various engagement sessions with our intermediaries, namely the Participating Organisations (POs), Trading Participants (TPs), Clearing Participants (CPs), Non Trading Clearing Participants (NTCPs), Authorised Depository Agents (ADAs) and Authorised Direct Members (ADMs) to raise awareness about a wide range of regulatory and operational issues or topics related to the capital market.

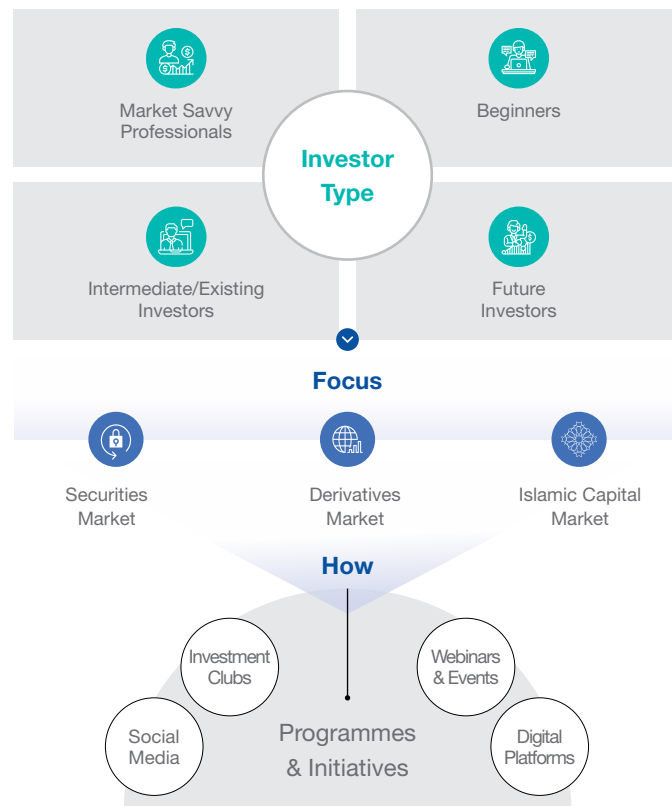
Programmes	Number of Sessions	Number of Attendees
Maintaining High Standards of Business Conduct: Advocacy Programme for Representatives of Participating Organisations And Trading Participants - Supervision of Trading And Business Conduct	8	793
Sound Governance and Risk Management Practices: Adapting To The New Normal	1	106
Reinforcing Cyber Resilience: Protecting Against the Changing Cybersecurity Landscape	2	160
Awareness Programme on Bursa Malaysia Securities Clearing's Default Management Procedures, Clearing Guarantee Fund and Default Drill	1	175
Awareness Programme on Bursa Malaysia Derivatives Clearing's Default Management Procedures, Default Fund and Default Drill	1	122
Business Continuity Management and Cyber Resilience Overview	1	179
Electronic Trading in Asia Pacific (APAC), Global, Its Growth/Future Trend, and Malaysia Readiness for Electronic Trading	1	301
Financial Crime – Overview, Cyber Threat Landscape for 2022 and Contemporary Issues with Anti-Money Laundering and Countering Financing of Terrorism Compliance	1	327

We also held the Market Inter Surveillance Group meeting and presented case studies on 26 October 2021 to keep our stakeholders abreast of developments in trading surveillance.

EDUCATION AND CAPACITY BUILDING

Investors

We continued to reach out to the diverse range of investors through various video conferencing platforms to raise awareness about investing and the capital market, as well as to widen the exposure and knowledge of the general public on the various investment activities and products. Our programmes were designed to meet the needs of each segment of investors to ensure that they were well informed in making investment decisions.



Focus Area Webinars and Events



Securities Market

We conducted various webinar sessions that were made available to the wider public via Bursa Academy, our e-learning website. The programmes were designed for different types of investors, as summarised below:

Programmes	Number of Sessions	Attendees
Future Investors	34	5,577
Beginners	24	12,354
Intermediate/Existing Investors	38	19,419
Market Savvy Professionals	14	1,294
Total	110	38,644

Greater emphasis was placed on educating retail investors on other investment products such as Exchange Traded Funds (ETFs), Leveraged/Inverse ETFs (L&I ETFs), and Structured Warrants (SWs). In 2021, we partnered with FSMOne to conduct a webinar to promote the L&I ETFs course, titled 'Empower Your Leveraged & Inverse (L&I) ETF Investment Journey' on Bursa Academy. During the webinar, participants were guided to understand L&I ETFs better before taking the assessment to obtain certification, which was recognised by FSMOne to enable trading of L&I ETFs via their platform. 52 investors received the certification from this session. In addition to this, we also supported events and webinars held by ETF and SW issuers to increase awareness of these products.

Bursa Marketplace Fair

The Bursa Marketplace Fair was held in July 2021 to create a better understanding of investing in the capital market among the local communities, enabling them to make informed decisions to save and invest during the pandemic. The day-long fair, which featured various talks, interactive quizzes and broker booths, was developed to cater to all segments of the audience including seasoned investors, beginners, female investors, millennials and inactive investors. The event, which also provided links to other informative platforms such as Bursa Academy, attracted over 40,000 participants from across the country.



EDUCATION AND CAPACITY BUILDING

Focus Area Webinars and Events



Securities Market

Equality for Equity Campaign

In conjunction with the International Women's Day and in support of the annual Ring the Bell for Gender Equality initiative, we brought back the 'Equality for Equity' campaign. First launched in 2020, the campaign aimed to provide equal access to opportunities and raise awareness on the gender investing gap in the equity market.

On 8 March 2021, we hosted a virtual event via BursaMKTPCL Facebook Live to kick start the campaign and to promote gender equality in the capital market. The event featured a panel discussion titled 'She Invests: Seizing the Opportunity During the Pandemic', where three female leaders from the financial sector discussed the role of women as well as investing opportunities presented during the pandemic.

We also partnered with 20 brokers, to waive the Central Depository System (CDS) account opening fee for women in March 2021. A total of 14,206 new CDS accounts were opened by women during the campaign period.



Focus Area Webinars and Events



Derivatives Market

Our initiatives to promote the Malaysian derivatives market were targeted at various investor segments and experience levels.



For retail investors, the main objective of our initiatives was to increase the awareness of derivatives as an investment vehicle for portfolio diversification. We leveraged several channels to equip investors with the necessary knowledge and skills to trade in our derivative products.

Programmes	No. of Sessions	No. of Attendees
Let's Learn Futures Webinars	33	8,916
Let's Learn Futures Webinars with Trading Simulator	22	1,431
Facebook Live and Webinars in Collaboration with TPs	26	6,310
Derivatives Virtual Trading Challenge 2021 Familiarisation Webinars	6	1,554
Total	87	18,211

Apart from retail investors, we also educated institutions on the importance of price risk management in a volatile market environment and promoted our derivatives contracts as hedging instruments.

Programmes	No. of Sessions	No. of Attendees
Hedge & Manage Risks in Volatile Equity/ Commodity Markets for SMEs	8	186
Online Workshop with Trading Simulation for Malaysian Palm Oil Players	2	73
Programmes held in collaboration with TPs and industry associations	2	2,190
Total	12	2,449

EDUCATION AND CAPACITY BUILDING

Focus Area	Webinars and Events																		
 <p>Derivatives Market</p>	<p>We also hosted and participated in 23 international events to attract participation from foreign investors, reaching a total of 10,567 individuals.</p> <p>An example of an international conference we hosted was the 32nd annual Palm and Lauric Oils Price Outlook Conference and Exhibition (POC), a key platform to promote the Bursa Malaysia Derivatives (BMD) Palm Complex to potential users worldwide, which was held virtually on 23 and 24 March 2021. The virtual event attracted 956 participants from 48 countries. Furthermore, we collaborated with peer derivatives exchanges, international financial media companies and brokers on joint events, such as Globoil India 2021, Virtual FOW Trading Singapore, Virtual Zhengzhou Commodity Exchange International Futures Forum, joint webinars with China-based Finfo Global and Enmore Infotech, Malaysian Palm Oil Board and Malaysian Palm Oil Council, Malaysian-China Sustainable Palm Oil Forum and various collaborations with foreign brokers.</p>																		
 <p>Islamic Capital Market</p>	<p>We deployed various outreach programmes to promote and educate investors on Shariah-compliant investment products and services, as well as the general concept of Shariah investing. These included leveraging on Bursa Academy and collaboration with our brokers and training providers to conduct seminars, workshops and other programmes under the Shariah Investing Retail Programmes.</p> <table border="1"> <thead> <tr> <th>Programmes</th> <th>No. of Sessions</th> <th>No. of Attendees</th> </tr> </thead> <tbody> <tr> <td>Islamic Equities Webinars under Bursa Academy</td> <td>30</td> <td>15,339</td> </tr> <tr> <td>Shariah Investing Seminar Series</td> <td>38</td> <td>58,509</td> </tr> <tr> <td>Shariah Investing Workshop Series</td> <td>216</td> <td>130,298</td> </tr> <tr> <td>Others</td> <td>21</td> <td>75</td> </tr> <tr> <td>Total</td> <td>305</td> <td>204,221</td> </tr> </tbody> </table>	Programmes	No. of Sessions	No. of Attendees	Islamic Equities Webinars under Bursa Academy	30	15,339	Shariah Investing Seminar Series	38	58,509	Shariah Investing Workshop Series	216	130,298	Others	21	75	Total	305	204,221
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Others	21	75																	
Total	305	204,221																	

Investment Clubs

Our flagship investment club, Bursa Young Investor Club (BYIC) aims to educate undergraduates at local universities on financial literacy and investment opportunities on Bursa Malaysia. Since its inception in 2014, we have established 27 clubs in universities across the nation and engaged with the members on a regular basis. In 2021, we completed 34 initiatives with 5,577 participants.

Digital Platforms



The Bursa Academy microsite was launched in June 2020 to provide free financial literacy and investment learning to the general public. The platform offers convenience and ease of use so that the public can access the content anywhere and anytime, promoting self-paced learning. The content available is suitable for all levels of investors and is intended to augment our other education initiatives as we seek to boost the country's financial and investment literacy. The learning platform contains a vast repository of resources covering various aspects of the capital market and is available in the three major languages: English, Bahasa Melayu and Mandarin.

796,284
Page Views

186,406
No. of Visitors

BURSASUSTAIN

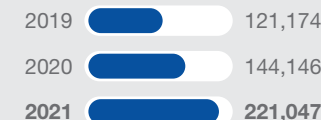
MOVING BUSINESS FORWARD



BURSASUSTAIN is an online repository for PLCs and a wider group of stakeholders to enhance their knowledge and awareness on corporate governance, sustainability and responsible investment. The website attracted almost 72% more visitors in 2021 driven by enhanced content across the three pillars.

Traffic on BURSASUSTAIN

Page Views



Visitors

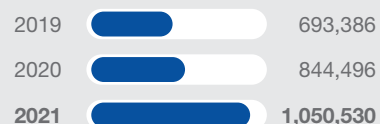


EDUCATION AND CAPACITY BUILDING



BursaMKTPLC is an investment portal that aims to sharpen the knowledge of the wider public on trading and investing in the stock market. It offers various digital tools and user-friendly features that enable visitors to analyse and learn about Bursa Malaysia's various investment products. Launched in 2014, the portal garnered more than 1,000,000 viewers in 2021, largely due to enhanced information and features. In 2021, a gamification feature was developed to allow the public to learn about investing in shares through a fun and interactive environment.

Website Application



Mobile Application



The **Mirror, Learn & Trade (MLT)** platform allows investors to learn about investing in the stock market in a unique way through mirroring strategies by licensed research analysts from investment banks. Launched in 2019, the MLT also serves as a knowledge-sharing platform for analysts to engage with investors and share their investment strategies. In 2021, the number of registered users rose to 57,675 as a result of the new MLT3.0 programme, where 12 analysts were onboarded.

Registered Users



Social Media

Social media continues to be one of the most effective ways of reaching out to the wider community and promoting our education programmes. In May 2021, the BMD and Islamic Capital Market social media channels were consolidated under the Bursa Marketplace brand to streamline retail information and enable cross-selling, ultimately establishing a single retail voice for Bursa Malaysia. We leveraged our social media platforms, namely Facebook, Twitter, Instagram and LinkedIn, to share investment and ESG insights, latest market news, educational posts on our investment products, and engaged with our stakeholders by live-streaming our campaigns and events.

Community Groups

Sens-Ability

Sens-Ability is our flagship CSR programme designed to educate individuals on financial and investment literacy. A total of 38 sessions were held in 2021 reaching out to 7,930 individuals from non-governmental organisations, universities, PLCs etc. Conducted virtually via a webinar format, the ongoing programme, which is free of charge, covers:

- Personal Finance - highlights personal money management, budgeting and savings
- Investing Insights - explains about investing and provides tips on growing wealth through investing
- Financial Frauds and Scams - raises awareness on frauds and scams by sharing statistics, the types of frauds and scams and the signs to look out for

Bursa Malaysia also caters to requests by organisations for private sessions of the programme.



Read more about Sens-Ability on Bursa Academy.

Tawarruq through Bursa Suq Al-Sila' (BSAS)

In December 2021, BSAS co-organised a virtual educational town hall with the International Islamic University of Malaysia to promote financial awareness on BSAS platform, especially among undergraduates and postgraduate students. Called 'Tawarruq Application through BSAS', the town hall was attended by 80 undergraduate students including lecturers of accounting and economics.

Spotlights

Derivatives Trading Simulator (DTS)

The DTS was our first virtual trading platform that replicated the live derivatives market. Launched on 16 March 2021, the DTS serves as a tool for beginner investors to practise and build their confidence in trading derivatives without risking their capital. In 2021, the DTS attracted 6,787 registered users.

Derivatives Virtual Trading Challenge (DVTC)

The DVTC aimed to increase the awareness of DTS and provide a hands-on trading experience to retail investors. Participants were required to attend a series of webinars to familiarise themselves with trading strategies and the DTS tool before the start of the challenge. Launched on 22 September 2021, the virtual event garnered 4,550 participants and was held from 15 November to 14 December 2021.

EDUCATION AND CAPACITY BUILDING

Spotlights

ELEVATE Programme

In November 2021, we partnered with Capital Markets Malaysia (CMM), the promotional arm of the Securities Commission Malaysia (SC), to engage and work with mid-tier companies seeking to undertake initial public offerings (IPOs). CMM's ELEVATE programme provided guidance on business models, strategies and funding structures that facilitate successful funding through the Malaysian securities market. Bursa Malaysia's participation and commitment to ELEVATE included onboarding sessions, as well as capacity development workshops. We also provided pre-consultation sessions for participants who sought listing as a fundraising strategy to provide them with a better understanding of gaining access to the capital market, the various funding options available and governance requirements of a public entity.

Spotlights



Bursa Digital Research

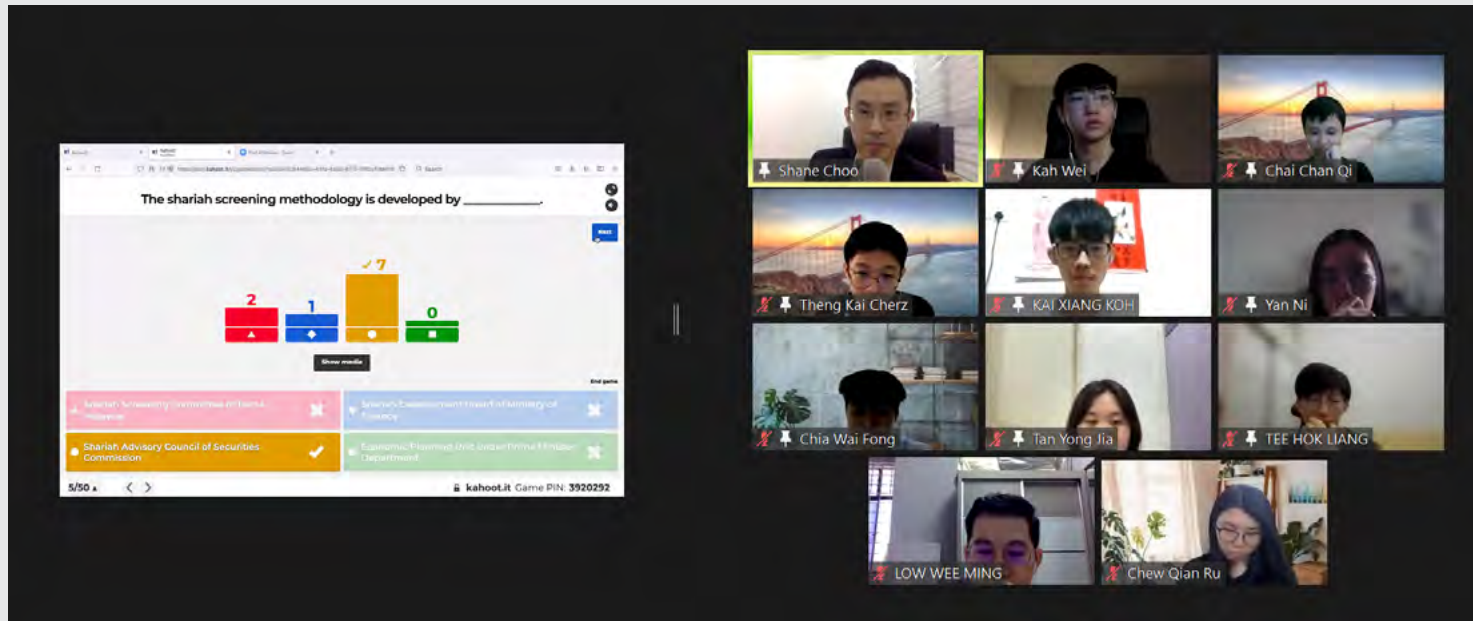
Bursa Digital Research is Bursa Malaysia's latest initiative to improve financial literacy and facilitate informed investment decision making. The multi-faceted research portal serves to provide investors with an added source of research and data analysis to help investors gain market insight and keep abreast of the latest developments in the stock market. Launched in December 2021, the research portal offers four main content categories as follows, with more content to be added from time to time:

- ▶ **Market Updates** – in-house research analysis offering latest insights on the capital market, covering a wide range of topics including trading momentum of stocks, global and local market trends, compilation of analyst consensus, index revisions and highlights of investor product segments
- ▶ **IPO** – a factsheet offering a quick read about latest IPO launches while the quarterly performance reports provide a comprehensive performance review, key statistics and insights on the trading of new listings
- **Bursa Blitz** – a series of frequently asked questions touching on matters related to PLCs' businesses and industries, covering latest developments and future prospects
- **ETF** – monthly performance reports to enrich investors' understanding about ETFs available on Bursa Malaysia

All research reports are available on Bursa Malaysia website and accessible by investors at no cost. Furthermore, we also disseminate our research and analytical works in an infographic visualising the highlights of the research on social media platforms in order to reach a larger following and facilitate ease of understanding.

EDUCATION AND CAPACITY BUILDING

Spotlights



Bursa Young Investors National Quiz Competition

In conjunction with the World Investor Week 2021 and in support of the Ring the Bell for Financial Literacy initiative by the World Federation of Exchanges (WFE), Bursa Malaysia organised the inaugural Bursa Young investors National Quiz Competition with the objective to advance young investors' investment literacy in Malaysia. The nationwide virtual quiz competition was part of Bursa Malaysia's commitment to engage, educate and empower a new generation of informed investors.

The competition, which was opened to Malaysians aged 18 to 22 years old, was held from 8 September to 6 October 2021, in three rounds: preliminary, semi-final and grand finale. The topics covered were related to Bursa Malaysia's three markets, namely the securities, derivatives, and Islamic equities markets. They included, among others, market dynamics, trading information, product knowledge, and investment strategies. The competition attracted over 1,000 participants, far exceeding the initial target of 500.

Moving Forward

As a market operator and regulator, providing education remains a key focus area for Bursa Malaysia.

We will continue to play a pivotal role in driving further improvements across the Malaysian capital market ecosystem with education. We will also continue to structure our programmes to meet the evolving needs and demands of stakeholders. In addition, we expect the number of visitors to our digital touchpoints to steadily increase with enhanced content development and increased visibility of the information portals.



CYBER SECURITY AND CUSTOMER PRIVACY

Why it matters

The COVID-19 pandemic which continues to persist has turbo boosted digital adoption across all industries. This naturally exposes business organisations to higher risks of cyber security threats and breaches of data privacy. At Bursa Malaysia, our business operations require us to manage a huge amount of information and data every day. As such, we continually strive to safeguard and protect the privacy of our customer data by ensuring our IT systems, networks, applications and data are adequately protected against cyber threats and malfunctions.



Our Sustainability Policy Commitment [↗](#)

- Provide secure, reliable and resilient systems

Our Approach

We manage our exposure to cyber threats through a holistic and proactive approach that helps us to meet the expectations of our stakeholders in the protection of their personal data. In 2021, we remained vigilant in strengthening our cyber security systems and safeguarding data privacy.

Safeguarding Our Cyber Security Systems and Managing Customer Privacy

As a standard practice, we monitor, manage and track the cyber security health of Bursa Malaysia on a daily basis. To ensure our business processes are in line with recognised standards, we strive to maintain an independent external audit certification for ISO27001 Information Security Management System. Additionally, we have in place a data leakage prevention system and we continuously undertake vulnerability assessment and penetration testing on all critical and public-facing applications and systems. We also undertake incident response and internal drill exercises to identify and address potential gaps.

The Technology and Cyber Security Committee (TCC) that was established in 2019 by the Board of Directors, has oversight over Bursa Malaysia's technology and cyber security related functions, including customer privacy

management. This is to ensure that we employ a coordinated and holistic approach in preventing and mitigating cyber risk. We are also guided by our Cyber Security Strategy Roadmap 2020 – 2023 that is aimed at enhancing our cyber security controls in line with evolving cyber security threats.

Strengthening Our Intermediaries' Systems

While our intermediaries have achieved a satisfactory standard of business conduct and self-regulation, we will continue to facilitate them to effectively respond to cyber threats through supervision, as well as educational and engagement programmes including the issuance of industry communications and guidance notes (ICON). We also conduct routine and targeted inspections as well as thematic reviews and surveys to gauge the effectiveness of their safeguard measures and recommend best practices to further enhance their cyber resilience.

Safeguarding Central Depository System (CDS) Information

We are committed to fulfilling our statutory duty of protecting depositors' information against any unauthorised access, alteration, disclosure or dissemination. We comply with the Securities Industry (Central Depositories) Act 1991 (SICDA) and have implemented the following measures that are in accordance with the requirements of Section 42 of SICDA to safeguard and protect our CDS account holders' data and privacy:

- Access to CDS information by Bursa Malaysia Depository employees is governed by user access guidelines and is restricted to authorised personnel only;
- All outgoing emails from Bursa Malaysia Depository employees containing CDS information must be verified and approved prior to release; and
- Electronic statements or notices sent via email to depositors are encrypted and password protected.

CYBER SECURITY AND CUSTOMER PRIVACY

Our Progress

Information Security Management System (ISMS)

To ensure resilient protection against cyber threats, we strive to align our security system to meet the standards required by ISO27001 for ISMS. In 2021, we completed the re-certification audit for all critical services and achieved the intended outcome to ensure adequate and appropriate information security measures have been implemented to meet the ISO 27001:2013 requirements.

Increasing Awareness


We constantly raise awareness on cyber security among our employees and our intermediaries through various programmes. In 2021, we carried out two online awareness programmes, namely the Social Engineering Test and the Cyber Security Awareness Programme to educate Bursa Malaysia employees on cyber security matters as well as issuing proactive advisory notes to promote cyber security awareness among our employees and intermediaries.

We also organised an advocacy programme on cyber security for the directors and senior management of our intermediaries to help them respond effectively to cyber threats. Titled 'Protecting Against the

Changing Cybersecurity Landscape', the programme was conducted on 28 and 29 of September 2021 in collaboration with professional bodies and subject matter experts on cyber security.

Continuous Enhancement of Our Security Systems

To stay vigilant and mitigate against evolving cyber security threats, we are constantly on a lookout for areas that we can further enhance our security systems. In 2021, we undertook several initiatives to strengthen our security controls and processes. These included, among others, the Cyber Security Services and Solutions (CSSS) project that enhanced monitoring, network and end points protection, the refreshed Privilege Access Management (PAM) that further secured the controls of the system, and an assessment that evaluated the strength of our cyber security capabilities.

 For more information on the initiatives undertaken in 2021 to strengthen our security controls and processes, please refer to page 78 of our IAR 2021.

Material Breaches or Complaints

There were no material breaches or substantiated complaints concerning cyber security or customer privacy in 2021. We continue to remain vigilant in this area.

Moving Forward

With the threats of cyber attacks ever present, we remain vigilant and highly committed to protecting our systems and organisation to mitigate threats that can impact the organisation and affect the wider capital market. Ensuring that our operations remain undisrupted through robust monitoring and driving awareness collectively among all relevant stakeholders will be key to maintaining our strength in detecting and deterring potential cyber threats.



CONTENT

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Click on the links to further information within the document.



DRIVING OUR GROWTH

Pursuing growth is a default setting of any business, the very basis for its existence and the main reason why organisations innovate, adapt and change. We are driven to grow and will do everything we can to ensure this growth is sustainable and executed in a responsible manner.



SUSTAINABLE FINANCE

Why it matters

A growing number of investors are increasingly more focused on sustainable solutions and access to value-aligned capital as environmental, social and governance (ESG) considerations enter the mainstream capital market or investment conversations globally. As such, we are committed to accelerating the sustainable finance agenda to generate long-lasting positive impacts for society and the environment. We aim to play a crucial role in providing an enabling environment to unlock sustainable capital through our exchange and enhance access to sustainable and responsible investment.



Our Sustainability Policy Commitments [↗](#)

- Facilitate sustainable finance products
- Enhance availability of decision useful ESG information
- Promote adoption of good environmental practices among our Listed Issuers

Our Approach

Our sustainable finance agenda is implemented through a multifaceted approach, which is centred on three key areas:

1

Facilitating sustainable and responsible investment (SRI) products and services

Enable and encourage capital flows into sustainable investments through SRI products and services

2

Enhancing corporate governance (CG) and sustainability practices and disclosures

Inculcate good CG and sustainability practices and disclosures

3

Participating in relevant committees, working groups and events

Contribute to the active development of the sustainable finance ecosystem through collaboration and thought leadership

1. Facilitating SRI products and services

Our Approach

Alignment between Shariah and ESG

We recognise that value-based ESG and Shariah-compliant investing have similar objectives and goals to promote sustainable value creation. As such, we play an active role in advocating Shariah-compliant securities as well as the newly launched FTSE4Good Bursa Malaysia Shariah (F4GBMS) Index to our retail and institutional investors via Bursa Malaysia-i, our fully integrated Islamic securities exchange platform, as well as through sharing thought leadership in this space.

We also strengthened our visibility and leadership in the Islamic capital market space by establishing a Shariah Equity Market Strategy, which focuses on four areas stated below. The strategy will catalyse the development of innovative products and services that are better aligned with Islamic and ESG principles apart from spurring greater growth and diversity in market participants.

1

Focus Area 1
Product & Service Innovation

Focusing on expanding Shariah-compliant product offerings through innovation and responding to market needs to develop innovative products and services that further align Shariah with ESG values.

2

Focus Area 2
Ecosystem Development

Capitalising on existing frameworks and the development of relevant new frameworks to facilitate Islamic offerings through greater collaboration with industry and relevant key stakeholders to develop a conducive Shariah investing ecosystem.

3

Focus Area 3
Market Access & Connectivity

Facilitating connectivity by allowing issuers and intermediaries to effectively and efficiently provide their existing and new offerings with improved accessibility to investors, by leveraging Islamic fintech as an enabler for innovative solutions.

4

Focus Area 4
Investor Development

Driving thought leadership in the Islamic capital market and advocacy on Shariah-compliant SRI to increase visibility in the global Islamic capital market space, boost new market segment growth, and attract greater investor participation.

SUSTAINABLE FINANCE

Supporting ESG Investments

We support the growth of ESG-based investments by providing ESG-themed indices such as the FTSE4Good Bursa Malaysia (F4GBM) Index and the FTSE4Good ASEAN 5 (F4GA5) Index, both of which assess the performance of public listed companies (PLCs) with ESG focus. Additionally, we hold sustainability workshops and engage with potential constituents to help them better understand the assessment criteria for inclusion in the F4GBM Index.

We constantly strive to improve access to quality ESG data and information by implementing new initiatives and developing new tools from time to time to meet the growing demand for reliable ESG data, as well as to support investment processes and decision making. We also work closely with relevant stakeholders to help increase the availability of quality ESG data to the market, which expands the potential of introducing new sustainability products and services.

To facilitate more ESG-themed investment products in our marketplace, we leverage on our ESG Products Task Force which comprises multiple business units across our organisation. Established in 2021, the task force enables Bursa Malaysia to focus on shared priorities and strategies to address critical ecosystem barriers for ESG investments.

Promotion of the LEAP Market

We recognise that small and medium enterprises (SMEs) play a vital role in national economic growth. Hence, we support the development of SMEs with the launch of the LEAP Market in 2017, an adviser-driven market for SMEs. We also continuously raise awareness among SMEs on the advantages of listing by working closely with government agencies and other industry players apart from providing guidance on the process of listing.

Promoting Sustainability in Derivative Products

As an ESG proponent, we advocate sustainable agricultural practices in the palm oil supply chain. Bursa Malaysia Derivatives (BMD), requires sellers of Crude Palm Oil Futures (FCPO) to submit a traceability document when they deliver crude palm oil (CPO) to the exchange-approved Port Tank installations. We believe this regulatory measure will help promote transparency and good agricultural practices, which are pertinent in fostering sustainability practices in the palm oil supply chain.

Facilitation of Microfinancing to Underbanked Communities

Our commodity Murabahah platform, Bursa Suq Al-Sila' (BSAS), serves as an avenue for Bursa Malaysia to facilitate and enable entities such as Amanah Ikhtiar Malaysia (AIM) and cooperatives who are participants of BSAS to offer and provide Shariah-compliant and cost-effective financing facilities to the underbanked segment of communities.

Our Progress

Alignment between Shariah and ESG

In 2021, we launched the F4GBMS index, a new ESG-themed index designed to track constituents in the F4GBM Index that are Shariah-compliant. Comprising 57 constituents, the index will serve as a basis for the development of new products comprising Shariah-compliant equities guided by sustainable investing principles.

Spotlights

IFN Asia Forum 2021

Bursa Malaysia has been part of the Kuala Lumpur Islamic Finance Forum (KLIFF), an annual Islamic banking and finance flagship event, since 2014.

Held virtually from 9 to 10 March 2021 with the theme 'Setting the Road Ahead Towards Economic Recovery', KLIFF 2021 gathered diverse industry experts and players to share with the delegates their views and opinions on the Islamic finance industry and served as a platform to promote the progress and development of Bursa Malaysia's Islamic capital market.

SUSTAINABLE FINANCE

Spotlights

IFN Asia Forum 2021

On 6 December 2021, Bursa Malaysia participated in and sponsored IFN Asia Forum 2021 for the seventh consecutive year as Strategic Exchange Partner. Organised by REDMoney Events, the IFN Forum series is a premier Islamic finance event focusing on Islamic financial markets across the region and globally. Bringing together influential market players, the forum provides a platform to discuss the latest issues affecting Islamic finance in the region.

Organised in a hybrid manner (i.e. physically and virtually) at Equatorial Hotel Kuala Lumpur, the event offered Bursa Malaysia brand visibility, profiling and networking opportunities. It also provided the Bursa Malaysia team with the opportunity to engage with potential clients to promote and market its products and services.

Islamic Capital Market Summit 2021

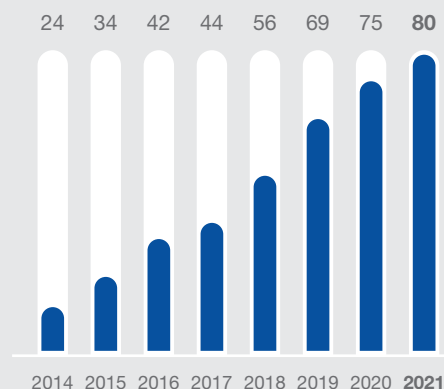
The Islamic Capital Market Summit (ICMS) 2021 was an inaugural virtual event by CERT Events that aimed to accelerate Islamic capital market development within all financial institutions in Malaysia and globally. Themed 'Transformation-Resilience-Sustainability', the summit enabled Bursa Malaysia to demonstrate our commitment to driving sustainable value creation in the Islamic capital market sphere in a holistic approach.

The event hosted over 500 Islamic capital market participants, including senior government members, regulators, board members, CEOs, senior management and practitioners, as well as other financial market players. Bursa Malaysia was a Strategic Partner at the event.

Supporting ESG Investments

We recorded an increase in the number of F4GBM Index constituents to 80 (up from 75 in 2020)

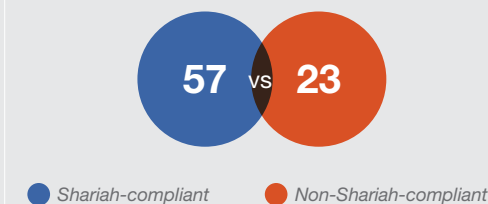
Number of constituents for F4GBM



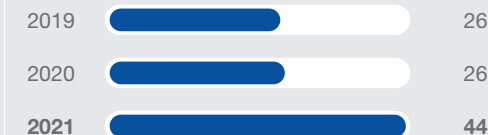
Note:

2016 and 2017 figures have been restated to 42 and 44 respectively from 43 and 33 in our Sustainability Report 2020 as a correction of an error.

F4GBM Index Constituents 2021



Number of one-on-one engagements with PLCs on F4GBM Index



In November 2021, Bursa Malaysia inked a Memorandum of Understanding (MoU) with Alliance Bank Malaysia Berhad and OCBC Bank (Malaysia) Berhad to help PLCs advance the adoption of ESG practices in their businesses. Under this MoU, the banks will focus on offering sustainability-linked financial products to eligible PLCs, while ensuring alignment with the F4GBMS ratings model and datasets. The collaboration will benefit PLCs in various ways such as enabling them to identify their sustainability gaps and develop roadmaps towards improving their sustainability ratings. It will also help the companies to reduce their carbon footprint, innovate and grow sustainably.

Bursa Malaysia also entered into a MoU with the Institutional Investors Council Malaysia (IICM) to collaborate on initiatives to advance the SRI ecosystem and drive ESG data standardisation among institutional investors. Bursa Malaysia and IICM will take the lead to identify a set of standardised ESG quantitative indicators and facilitate a wider ESG adoption across the value chain.

SUSTAINABLE FINANCE

Promotion of the LEAP Market

In 2021, the LEAP Market had 12 newly listed SMEs amid disruptions from the pandemic, an increase of 71% from the previous year. The increase was in line with our objective of making the capital market more accessible for fundraising by SMEs.

As disruptions from the pandemic prolonged from 2020 with various forms of Movement Control Order (MCO) in place, we continued to create awareness and provide guidance to SMEs through virtual engagement modes, be it one-on-one or mass outreach engagements. Following the full upliftment of travel restrictions, we started to ramp up our physical engagement sessions with potential issuers.

As part of our ongoing efforts in building a sustainable IPO pipeline for Bursa Malaysia, we continued to reach out to potential issuers via the two-pronged marketing initiative of mass outreach programmes and targeted one-on-one engagement sessions. In addition, we continued to collaborate with various parties including government agencies, trade associations as well as other capital market intermediaries and professionals to create more awareness relating to the key aspects of the journey towards listing on Bursa Malaysia.

	2017	2018	2019	2020	2021
New Listings	13	22	30	19	30
- LEAP	2	11	15	7	12

Promoting Sustainability in Derivative Products

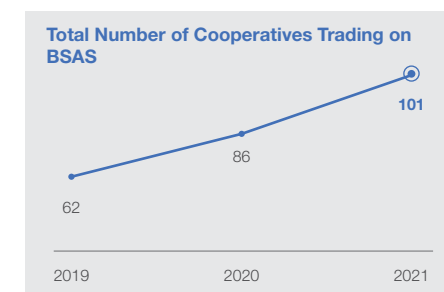
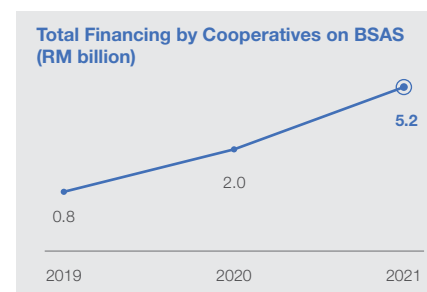
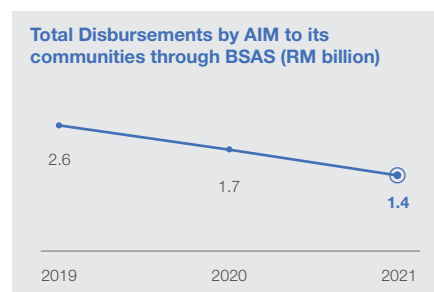
From 1 April 2021, we have made it mandatory for all physical delivery of CPO under the FCPO contracts to be sourced from palm oil mills that fulfil the Malaysian Sustainable Palm Oil (MSPO) Certification Scheme requirements. This is to further push for transparency and promote sustainability in the palm oil supply chain. The same requirement applies to East Malaysian Palm Oil Futures (FEPO) which was launched on 4 October 2021.

To-date, more than 91% of planted areas in Malaysia are MSPO certified. Despite the implementation of this additional measure, we saw higher trading volume for FCPO as well as more physical delivery being carried out via our Derivatives marketplace.

Prior to that, we also enhanced the Crude Palm Kernel Oil Futures (FPKO) Contract in March 2021 to include the enforcement of traceability document requirements. This was one of the five key areas of enhancements to the contract, which aimed to meet evolving industry needs. The other four key areas were contract grade, delivery points, daily price limits and speculative position limits.

Facilitation of Microfinancing to Underbanked Communities

In 2021, BSAS continued to facilitate financing to underbanked communities. However, AIM disbursement to its communities via BSAS was 16% lower due to the prolonged pandemic and the impacts of MCO.



SUSTAINABLE FINANCE

2. Enhancing CG and sustainability practices and disclosures

Our Approach

As a strong proponent of ESG in the capital market, we strengthen CG and sustainability practices and disclosures of our PLCs through the holistic approach of ensuring a robust reporting framework, disclosure review and education.

Sustainability Reporting Framework

We regularly develop ESG-related rules, requirements and recommendations that are comparable to or on par with international standards. For example, since the establishment of our Sustainability Disclosure Framework in 2015 for the Main and ACE Markets, our PLCs have been publishing sustainability statements within their annual reports or standalone sustainability reports. Within the sustainability statement, PLCs are required to provide descriptions of the relevant governance structures, policies and processes that are in place to manage material sustainability issues. Over and above that, the Main and ACE Markets Listing Requirements also ask for PLCs to report their adherence to the various recommended practices that are set out in the Malaysian Code on Corporate Governance.

Disclosure Review

We review PLCs' sustainability statements or reports annually and provide feedback on potential gaps and improvement opportunities. Additionally, we constantly engage and communicate with PLCs on CG and sustainability-related issues.

Education

We organise advocacy programmes on relevant CG and sustainability themes.

BURSASUSTAIN, a one-stop online knowledge repository launched in 2018, features fresh content on CG, sustainability and responsible investment, to increase awareness and knowledge of PLCs regarding the developments and latest issues in these areas.

Our Progress

Launch of CG Guide (4th Edition)

The updated CG Guide which was launched on 15 December 2021 is aimed at ensuring that our PLCs have comprehensive and practical guidance in terms of adhering to the various recommended Practices under the MCCG issued by the Securities Commission Malaysia on 28 April 2021 as well as enhanced CG disclosure requirements in the Listing Requirements relating to, among others, director appointment as well as director independence.

The CG Guide sets out, among others, the MCCG's "CARE" (Comprehend, Apply and Report) approach and practical guidance to ease the adoption of recommended Practices by PLCs. In addition, the CG Guide also provides insights for internalisation of CG in PLCs through illustrations, case studies and references from international developments.

Sustainability Reporting Framework

Bursa Malaysia's Sustainability Reporting Framework was introduced back in 2015. Since then, there has been tremendous development and growth across the sustainability ecosystem worldwide. This is largely driven by ever-increasing demands by various stakeholders including institutional investors, lenders, customers, non-governmental organisations, and regulators for better sustainability practices and disclosures by our PLCs.

In the past few years, there have been significant advancements across the international sustainability reporting ecosystem where some of the most influential international sustainability reporting standard setters have either issued or are in the midst of making

revisions to their respective standards/frameworks. These include, but are not limited to, Global Reporting Initiative (GRI) Standards, FTSE4Good/FTSE Russell ESG Ratings Methodology (FTSE), and the Sustainability Accounting Standards Board's (SASB) Industry Standards. In addition, the IFRS Foundation Trustees announced the creation of a new standard-setting board - the International Sustainability Standards Board (ISSB), to deliver a comprehensive global baseline of sustainability-related disclosure standards that provide investors and other capital market participants with information about companies' sustainability-related risks and opportunities to help them make informed decisions. ISSB will build on the work of existing investor-focused reporting initiatives, such as the Climate Disclosure Standards Board, the Task Force on Climate-related Financial Disclosures (TCFD), the Value Reporting Foundation's Integrated Reporting Framework and SASB Standards, and the World Economic Forum's Stakeholder Capitalism Metrics.

There is also increasing scrutiny on how businesses address the challenges of climate change. In particular, the TCFD recommendations are fast becoming a primary benchmark for businesses worldwide. Many countries/jurisdictions worldwide including Brazil, the European Union, Hong Kong, Japan, New Zealand, Singapore, Switzerland, and the United Kingdom have announced requirements to report in alignment with the TCFD recommendations.

Within the context of Malaysia, much attention has been paid to climate change of late as well. For instance, the Malaysian government has just committed to becoming a net zero greenhouse gas (GHG) emissions nation as early as 2050 and has also recently enhanced its Nationally Determined Contribution (NDC) commitment under the Paris Agreement to reduce its carbon intensity (against GDP) by 45% in 2030 compared to 2005 level without any conditions. An increasing number of our PLCs have also committed to Net Zero targets including Axiata Group Berhad, FGV Holdings Berhad and Sunway Berhad¹.

Note:

¹ PLCs which have committed to Net Zero targets as per SBTi methodology

SUSTAINABLE FINANCE

Against the backdrop above, Bursa Malaysia is currently undertaking a comprehensive review of our Sustainability Framework with a view to:

- enhancing the availability, quality, and comparability of sustainability disclosures in the Malaysian capital market;
- addressing the growing informational needs of key capital market stakeholders;
- compelling all PLCs to adopt better sustainability practices as well as disclosures that are:
 - broadly aligned to those recommended by international sustainability frameworks/standards/best practices; and
 - generally on par with those stipulated/recommended by peer jurisdictions/exchanges around the region and beyond.

As part of the review, Bursa Malaysia undertook extensive engagements with PLCs and key capital market stakeholders via a series of surveys and focus groups. The revisions to the Sustainability Reporting Framework will be subjected to public consultation in early 2022.

Disclosure Review

Bursa Malaysia has been conducting annual sustainability disclosure reviews (SDRs) of the PLCs' sustainability statements or reports on a sampling basis since 2017. In 2020, we entered into a collaboration with the Minority Shareholder Watch Group (MSWG), allowing us to increase the size of our review to 300 Main Market PLCs across different market capitalisations.

	Top 100 ¹	300 PLCs
Average compliance levels	98%	93%
Average quality scores	77%	68%

In 2021, the Sustainability Disclosure Review (SDR) was expanded to cover all Main and ACE Market PLCs. The results of the 2021 SDR exercise are provided below:

	Top 100 ¹	Main Market PLCs	ACE Market PLCs
Average compliance levels	98%	86%	100% ⁴
Average quality scores ²	58%	40%	23% ³

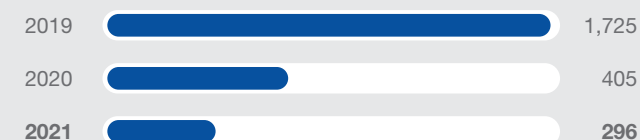
Notes:

- Top 100 Main Market PLCs as of 31 December 2019 and 2020 with regards to SDR 2020 and SDR 2021 respectively
- The drop in average quality levels across the different Main Market capitalisations in the SDR 2021 exercise was due to the introduction of more stringent criteria to reflect the increased expectations placed on our PLCs with regards to undertaking better sustainability practices and disclosures.
- The same assessment criteria were used to assess the sustainability disclosures of both Main and ACE Market PLCs.
- Unlike their Main Market counterparts, ACE Market PLCs are only required to include in their annual reports a narrative statement of the listed corporation's management of material economic, environmental, and social risks and opportunities (Sustainability Statement). Hence, the average compliance rates of ACE Market PLCs are 100%.

Education

In 2021, we organised 25 sessions of advocacy programmes in CG and sustainability covering matters pertaining to the role of company secretaries in raising board governance, fraud risk management, climate change, human rights and sustainability reporting.

Total number of participants for CG advocacy programmes



Total number of participants for sustainability advocacy programmes



Achievements

Malaysia-ASEAN CG Scorecard

The 2020 average CG Score for the Top 100 Malaysian PLCs was 101.73 points. We observed a continued uptrend in the ASEAN CG Scorecard published by MSWG which signals the continuous commitment towards improvement in CG practices by our Top 100 PLCs.

The CG Monitor Report 2021 (based on the MCCG)

Improvements were recorded in the overall adoption of the MCCG. Out of the 36 best practices, 24 had adoption levels of at least 90%.

SUSTAINABLE FINANCE

Spotlights



Corporate Sustainability Practitioner (CSP) Competency Framework

To support the capacity building of corporate sustainability practitioners in the capital market, Bursa Malaysia jointly developed a CSP Competency Framework with the UN Global Compact Malaysia & Brunei (UNGCMYB). Launched in October 2021, the CSP Competency Framework communicates the various competencies and capabilities including knowledge, skills and beliefs, which apply to businesses of all industries, business models and sizes. It also includes global and industry practices as well as initiatives to guide practitioners in forming sustainability strategies, management programmes as well as approaches to sustainability reporting. The CSP Competency Framework will be enhanced from time to time to meet stakeholder expectations and enable practitioners to adapt to the rapidly changing business needs.

In addition to the framework, Bursa Malaysia and UNGCMYB also developed a digital self-assessment tool that can recommend reading materials to help practitioners deepen their understanding of sustainability-related functions and better carry out their responsibilities. The CSP Competency Framework and digital self-assessment tool are accessible via **BURSASUSTAIN**.

 [Read more about the CSP Competency Framework on BURSASUSTAIN.](#)



Thought Leadership

We actively share thought leadership through BURSASUSTAIN to advocate sustainable finance and highlight the importance of ESG to organisations. In 2021, our Chairman, Tan Sri Abdul Wahid Omar, shared his thoughts and vision for the Malaysian capital market through an open letter to all organisations and stressed the importance of long-term resilience strategies as the country recovered from the COVID-19 pandemic. He also reminded corporate Malaysia that social inclusivity and environmental sustainability should be a collective focus in supporting the country's efforts to rebuild the economy.

Meanwhile, our CEO, Datuk Muhamad Umar Swift, shared the importance of sustainability for businesses through a series of articles in 'CEO's Thoughts'. Highlighting key sustainability-related matters, the articles covered topics such as why ESG risks matter for businesses, how technological innovations drive sustainability, climate change and the significance of social impacts to corporates.

Datuk Muhamad Umar Swift also hosted 'CEO2CEO' sessions with AirAsia Berhad CEO, Tan Sri Tony Fernandes and CIMB Group CEO, Dato' Abdul Rahman Ahmad, covering the organisations' approaches towards sustainability and dealing with the pandemic. In the two online video sessions that were held separately, Tan Sri Tony Fernandes reflected on how the airline navigated challenges from the pandemic and the ways to drive meaningful change going forward. He also touched on climate change and environmental sustainability, sustainable tourism and diversity and inclusion. Dato' Abdul Rahman Ahmad, on the other hand, touched on CIMB's sustainability strategies and its role as a catalyst for change, as well as financial institutions' role in advancing the sustainability agenda and building an equitable world.

 [Read more about our Thought Leadership content on BURSASUSTAIN.](#)

SUSTAINABLE FINANCE

3. Participating in Relevant Committees, Working Groups and Events

Our Approach

We take part in working groups and committees, which allows us to work together with other financial market regulators, peer exchanges around the world and other sustainability proponents in driving the capital markets along more sustainable paths on both national and global fronts.

Joint Committee on Climate Change (JC3)

A committee co-chaired by the SC and Bank Negara Malaysia to propel financial institutions towards a low-carbon economy

Our Participation:

- Chair and Secretariat of Sub-Committee on governance and disclosure
- Member of Sub-Committee on Bridging Data Gaps

UN SSE Derivatives Exchange Network

A global network for peer derivatives exchanges to promote ESG products in the derivatives sector

Our Participation:

- Founding member

Corporate Governance Council (CG Council)

A council chaired by the SC to coordinate and align initiatives among members of the council and relevant stakeholders to drive good corporate governance

Our Participation:

- Member of the CG Council
- Member of CG Awards Working Group

CEO Action Network (CAN)

A peer-to-peer informal network of CEOs of leading Malaysian businesses that focus on sustainability advocacy, capacity building, action and performance

Our Participation:

- Member of Steering Committee
- Member of Workstream #2 on Awareness and Capacity Building

UN Sustainable Stock Exchanges (SSE) Initiative

A global peer-to-peer learning platform to drive corporate transparency in ESG and sustainable investment

Our Participation:

- Partner Exchange and a member of the Advisory Group on Climate Disclosure guidance
- Member of the SSE Gender Equality Advisory Group

Corporate Integrity System Malaysia (CISM) Roundtable

An initiative to create a business environment that is transparent, fair and corruption-free through the enhancement of corporate governance and business ethics.

Our Participation:

- Member of the Roundtable

World Federation Exchanges (WFE)

A global industry association for exchanges and clearing houses

Our Participation:

- Member of the Sustainability Working Group

30% Club Malaysia

The Malaysian chapter is part of the 30% Club global campaign led by Chairs and CEOs taking action to increase gender diversity at board and executive committee levels.

Our Participation:

- Strategic partner

SUSTAINABLE FINANCE

Our Progress

In 2021, we contributed towards global and domestic initiatives by giving feedback or input on various matters such as frameworks or standard revisions and guidance for the capital market.


SSE Initiative

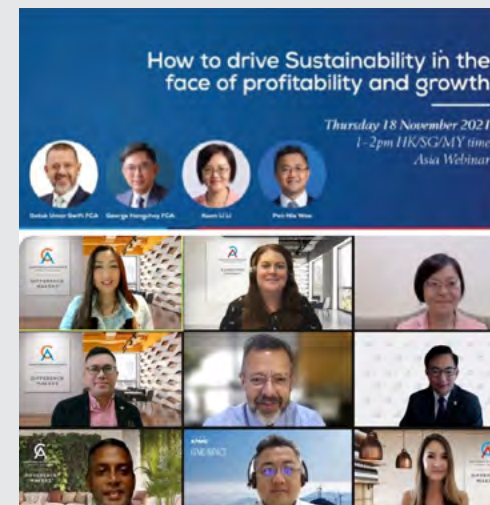
Bursa Malaysia contributed to the development of guidelines in climate change disclosures as well as in gender equality via the UN SSE network:

- Action Plan To Make Markets Climate Resilient: How Stock Exchanges Can Integrate The TCFD Recommendations
- Model Guidance On Climate Disclosure: A Template For Stock Exchanges To Guide Issuers On TCFD Implementation
- Promoting Gender Equality: Exchange Best Practice and Guidance

Events

We further contributed to the development of a sustainable finance ecosystem by participating in key events that promote thought leadership conversations revolving around sustainability or ESG, whereby our Chairman, CEO and other representatives of Bursa Malaysia delivered their messages.

 For more information on the list of events and initiatives that we participated in, please turn to page 117 of this report.



The above are some of the events where our Chairman and/or CEO attended and contributed to the conversations and discussions surrounding sustainability.

SUSTAINABLE FINANCE

Moving Forward

Facilitating SRI products and services

We aspire to provide a more vibrant ecosystem of ESG-themed investment products by increasing access to sustainable solutions and assets to better suit the demands of investors and capital market stakeholders. We hope to further align Shariah investing with SRI through offering new variations of the ESG index and a wider range of innovative products and services. In addition to our continuous efforts in driving thought leadership to promote greater alignment between Shariah and SRI, we also aspire to broaden market segments to attract more domestic and international participation.

Our Shariah Investing Programmes will help increase principles-based investors, spur the growth of Shariah investing and increase Shariah trading, in line with our aim to position Malaysia as a regional centre for Shariah-compliant SRI. This will catalyse the development of innovative products and services with greater alignment between Shariah and ESG values, as highlighted in the SC's Islamic Fund and Wealth Management Blueprint launched in 2017 and further mentioned in the Capital Market Masterplan 3.

In terms of products and services, we are looking at Islamic thought leadership product development such as listed waqf products and Shariah-ESG ETF to meet the growing demands for SRI and ESG-based investment products and to further bolster ethical and responsible investing. This will benefit both investors and issuers, whereby there will be increased investor access to Shariah-compliant SRI investment products and increased global investments. As for issuers, it will encourage them to take into greater consideration the needs of broader stakeholders, including society and the environment. In support of SRI, Bursa Malaysia will grant 100% rebates on initial listing fees for new SRI ETFs listed from 1 January 2022 to 31 December 2022.

BSAS also aims to promote more participation of cooperatives in its markets in order to provide greater financial access to the underbanked or marginalised community.

Enhancing CG and sustainability practices and disclosures

The CG and sustainability landscape is rapidly evolving. In this regard, we recognise that embedding sound ESG practices and processes is a continuous journey for our PLCs both within their operations and across their supply chains. As such, we will continue to conduct relevant advocacy programmes and collaborate with key capital market stakeholders to further build capacities and technical know-how to support PLCs on their ESG journey.

In response to the growing need for decision-useful ESG information to assess sustainability performance, Bursa Malaysia will be revamping the Sustainability Reporting Framework (consisting of Listing Requirements pertaining to sustainability disclosure, the Sustainability Reporting Guide and Sustainability Toolkits) in 2022.

As for CG, our focus remains on instilling a higher degree of self-regulation as PLCs continue to mature in their practices. We will continue to work closely with relevant capital market stakeholders such as the SC, IICM, MSWG and the Institute of Corporate Directors Malaysia (ICDM) in encouraging PLCs to be more proactive in fully embracing the underlying spirit of CG.

Participating in relevant committees, working groups and events

We will continue to drive corporate sustainability and the sustainable finance agenda by actively participating in joint efforts with other key capital market stakeholders. Apart from contributing to future draft proposals, frameworks or recommendations, we will also be part of selected working committees, councils or workstreams to drive the sustainability ecosystem forward.



INNOVATION AND TECHNOLOGY EXCELLENCE

Why it matters

Adapting to rapidly evolving innovation and technology developments is vital for the long-term growth of any organisation. The ability to pivot, adopt and adapt will enable the unlocking of potential opportunities and meeting of consumer demands. We recognise that our industry will continue to grow according to demands for fresh and better solutions, enabled by fintech such as artificial intelligence (AI), robotic process automation, blockchain, and cloud computing. To ensure we remain competitive and relevant, we will continue to strengthen our core capabilities and explore innovative solutions to meet the needs of capital market stakeholders.



Our Commitments

- Provide secure, reliable and resilient systems
- Leverage systems and infrastructure

Our Approach

Data and Innovation, as well as Technology are among the enablers in our three-year Strategic Roadmap as we seek to develop new solutions, platforms and tools that support the markets' needs.

We are also guided by Bursa Malaysia's Technology Roadmap, which covers a mixture of short- and long-term initiatives, systems and infrastructure needs, as well as the aforementioned fintech areas. This helps ensure that we are investing in technology upgrades for greater resilience and efficiency of core infrastructure systems and applications, as well as building of internal capabilities in fintech, in line with developments of technology in the industry. Our approach includes running several Proof of Concepts (PoCs) in various areas over the last couple of years. The PoCs, among others, are to test the potential technology that can be used to support our growth expansion in the future.

Our approach includes forming several strategic partnerships to enhance our data sets and develop fresh solutions for the industry.

Our Progress

Innovation

After-Hours (T+1) Night Trading



We introduced our highly-anticipated After-Hours (T+1) Night Trading session on 6 December 2021 for the derivatives market. The After-Hours (T+1) Night Trading session forms the first trading session of the subsequent trading day and strengthens the connection between local and global markets, thus facilitating more efficient price discovery and improving the effectiveness of our products as risk management solutions. We saw strong participation from both local and foreign market participants with average daily contracts traded reaching 3,220 contracts in December 2021.

INNOVATION AND TECHNOLOGY EXCELLENCE

Distributed Ledger Technology (DLT) Proof-of-Concept (PoC)

As part of our efforts to acquire knowledge and strengthen our expertise in this space, Bursa Malaysia had undertaken several PoCs to test and assess different DLTs and smart contracts on various products and services. In continuation of the exercise that took place in 2020, Bursa Malaysia initiated another four PoCs in 2021, with three of them completed in the same year and one PoC expected to be completed in early 2022.

The first PoC was Project Benja, where Bursa Malaysia collaborated with UBS, Union Bank of Philippines, Deutsche Bank and Hashstacs Pte Ltd towards enabling sustainability-linked bonds on a DLT lifecycle management solution. Bursa Malaysia contributed domain expertise as to how a blockchain-enabled central securities depository could create new opportunities for the financial industry.

The second PoC was to test the dematerialisation of security certificates (Demat PoC). This PoC focused on testing the ability to execute the product and lifecycle management functionality of structured warrant products; and demonstrating a simulated issuance and cancellation of tokenised structured warrant certificates. The Demat PoC was executed in collaboration with Digital Asset (Switzerland) GmbH and VMware, Inc. as the smart contract and blockchain provider, respectively. The participants of the Demat PoC were Maybank Investment Bank Berhad (Maybank) and Macquarie Capital Securities (Malaysia) Sdn Bhd (Macquarie). The PoC also included observers from the Securities Commission of Malaysia (SC) during the design and

feedback stages. During the Demat PoC, Bursa Malaysia, Maybank and Macquarie conducted a parallel run for a total of 12 structured warrant issuances. The Demat PoC successfully demonstrated that distributed ledger technologies could be used to issue and manage dematerialised jumbo certificates, bringing about greater digitisation, data capture, operational efficiencies, risk mitigation, and new innovation to the depository.

The third PoC undertaken by Bursa Malaysia tested the issuance and trading of digital gold dinar. This was conducted using Hyperledger Fabric and aimed to develop a new Shariah-compliant digital asset product, create opportunities for direct retail participation in investing in digital gold dinar and explore the components required to develop an exchange capable of trading digital gold dinar. The prototype was tested internally.

The fourth PoC was kicked-off in December 2021 to test the issuance and trading of a fixed income product for small- to mid-sized corporations on R3's Corda. The PoC is anticipated to be concluded in early 2022.

These PoCs essentially enable Bursa Malaysia to study the interoperability of the various smart contracts, tokens and blockchain layers to understand the potential for adoption in our capital market and enhancing our competitiveness as a market in line with the likes of the Australian Stock Exchange, Deutsche Börse, Depository Trust and Clearing Corporation, Hong Kong Exchanges and Clearing, and the Singapore Exchange.

To that extent, Bursa Malaysia aims to cross test some of the prototypes that have been built in 2021, with other blockchain layers, broadening our knowledge and readiness in adopting new ways of thinking about creating efficient solutions for our marketplace.

INNOVATION AND TECHNOLOGY EXCELLENCE

Technology Excellence

We continuously upgrade and employ technology and processes in various areas to drive efficiency and resilience. Some of these efforts have even been recognised externally. For example, we received the ASEAN Red Hat APAC Innovation Awards 2021 for Digital Transformation and Hybrid Cloud Infrastructure.

Improving Operational Efficiency and Resiliency

Enhancing the Derivatives Clearing and Settlement (DCS) system

We enhanced our DCS system to cater for the launch of East Malaysia Crude Palm Oil Futures (FEPO) Contract and the launch of After-Hours (T+1) Night Trading. For FEPO, the DCS system was enhanced to facilitate three new designated delivery points located at Lahad Datu, Sandakan and Bintulu. In respect of After-Hours (T+1) Night Trading, the DCS system was enhanced to capture trades real-time during the trading session from 9.00 pm to 11.30 pm whereby these trades would be part of the following business day's trading session.

Launch of the Securities Futures Trading Platform (SFTS)

The newly implemented SFTS by Bursa Malaysia Derivatives (BMD) is intended to facilitate the development and enhancements of BMD's securities futures products in a cost-efficient manner. With the new trading system, all of BMD's securities futures products, including FMG3, FMG5 and FMGA contracts will be listed on this platform. The operation of this new trading system by BMD is part of our continuous efforts to demonstrate and expand our technological capabilities.

Enhancement to the e-Negotiated Large Trade (eNLT) facility

In 2021, we enhanced the e-Negotiated Large Trade (eNLT) facility that was introduced in 2019 to promote greater accessibility and efficiency. This facility is an important extension of BMD's service offerings as it provides price and execution certainty for large trades. The e-NLT is a web application that combines workflow automation system with digital signature solution to register NLT online.

Integration of Straight Through Processing (STP) for Bursa Suq Al-Sila' (BSAS) system

BSAS completed several STP system integrations with its participants to increase trading efficiency. The system integration improved the speed of transactions and trading flow, with total transactions increasing to 1.99 million (or up by 43.17%), from 1.39 million in 2020.

BTS2 Trading Platform Refresh

BTS2 Trading Platform Refresh was completed in 2021 with the objective of bringing the technology stack up to date for better availability and performance, resulting in secure sustainable performance, reliability and stability of the systems and increasing the resiliency of the trading platform.

 For more information on our technology upgrades projects, please refer to page 79 of our IAR 2021.

INNOVATION AND TECHNOLOGY EXCELLENCE

Modernising Service Delivery

Introduction of electronic Rights Issue (eRights) and electronic General Offer (eGO) features on Bursa Anywhere

In helping to advance greater digital adoption, we updated our Bursa Anywhere mobile application with two important features to help investors better manage their subscriptions to rights issues and general offers by listed issuers and offerors, respectively. The introduction of the eRights and eGO features enables our mobile application users to electronically subscribe to rights issues and general offers anytime and anywhere, thus eliminating the more onerous physical processes that would typically need to take place in such undertakings. These two new features attracted 87,915 new Bursa Anywhere users. As at 31 December 2021, we had garnered 245,449 downloads with 225,718 registered users.

We are proud to share with our shareholders and stakeholders that the Bursa Anywhere mobile application and its features received the Outstanding Project¹ recognition and accolade from Regulation Asia in its Regulation Asia Awards for Excellence 2021 at an online ceremony on 9 December 2021.

Note:

¹ This category recognises financial institutions and service providers that apply innovative techniques or technology solutions to address specific regulatory requirements, rewarding projects that deliver value in a way that set them apart from industry peers.

Sharpening our Market Surveillance

In 2021, we worked on improving our market surveillance capabilities with a focus on enabling a much quicker understanding of the market landscape at any given time. Thus, we created dashboards to better visualise the total value and volume by selected institutional investor groups and also utilised the surveillance system's programming to assist in creating exception reports.

In addition, we automated the monitoring of inter-market movements between the securities and derivatives markets. This was to enhance our detection capabilities on any sudden and large divergent movements between these two markets and also to automatically identify the parties that cause such movements.

We consistently updated our market surveillance system's alert logics and parameters to cater for the detection of new manipulative techniques as well as to keep up with the rise in algorithmic trading. This was also done to optimise the number of false positives from the surveillance system and to increase the effectiveness of the alerts and manpower efficiency.

Moving Forward

Moving forward, we will continue on our multi-pronged approach in innovation and technology. For instance, we will further -

- collaborate with relevant key partners to capitalise on blockchain, in expanding our asset classes.
- build our capabilities in Data Science, to model investor behaviour insights, with the ultimate aim of improving customer experience.
- leverage technology or adopt digitalisation to enhance our customers experience - e.g. via more features on the Bursa Anywhere mobile application, easing the process for brokers through submission of transactional forms and reports electronically.
- enhance our supervision capabilities by leveraging on technology as more analytical tools become available for use.



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PROTECTING OUR ENVIRONMENT

Protecting and preserving our environment have become an important part of our agenda in recent years as extreme weather events have increased rapidly and caused major destruction and loss of lives around the world. As a market regulator, we want to walk the talk when it comes to protecting our environment and leading public listed companies by example. We will continue to step up our climate action and improve our environmental management to contribute to the nation's transition to a low carbon economy.



CLIMATE RISKS

Why it matters

As investor demand increases for greener investment products and portfolios, more business organisations including financial institutions are stepping up their climate action to reduce their climate risks and carbon footprint. Capital markets can support climate change goals by taking various measures such as incorporating climate-related risks in financial products and supporting capital raising for climate-friendly projects and solutions. At Bursa Malaysia, we acknowledge that climate risks will not only impact our natural environment, but also business operations and the economy. As the market regulator, we strive to lead by example by continuously stepping up our climate action to support the transition towards a low-carbon and climate resilient future. We also aim to effectively manage the associated risks to our business.



Our Sustainability Policy Commitment

- Consider climate-related risks and opportunities


Our Approach

Our approach in identifying, mitigating and managing climate-related risks is guided by the adoption of the recommendations of the Task Force on Climate-related Financial Disclosures (TCFD), which we became an official supporter of in 2018, as well as our commitment to achieving carbon neutrality by 2022 and net zero greenhouse gas (GHG) emissions by 2050.

Our Progress

Climate Risk TCFD-Aligned Disclosures

As part of our efforts to strengthen our climate-related practices, we embarked on an exercise in 2021 to better align our processes and disclosures with the core elements of the TCFD recommendations.

Recommended Disclosures	Our Approach	Our Progress						
Governance								
Board's oversight of climate-related risks and opportunities	<p>Our Board of Directors is ultimately the key decision-making authority on all sustainability-related matters, including climate risks and opportunities. The Board strives to ensure climate-related considerations, where appropriate, are integrated into business plans and department performance scorecards of relevant departments.</p> <p>Our CEO updates the Board on a monthly basis on the progress and key milestones with respect to our climate aspirations and plans.</p> <p>To ensure sufficient focus on climate-related and other sustainability issues, we expanded the mandate for two dedicated board-level committees to support our Board. Both committees meet on a quarterly basis.</p> <table border="1"> <thead> <tr> <th></th> <th>Relevant Focus Area</th> </tr> </thead> <tbody> <tr> <td>Risk Management Committee (RMC)</td> <td> <p>Review, monitor and assess the effectiveness of the Group's implementation of risk treatment or mitigation action plan(s) for the management and control of the key risks, including cyber risk and resilience as well as sustainability and climate-related risks.</p> <p>The committee also reviews and is kept updated of any new or emerging trends of sustainability and climate-related risks and other threats.</p> </td> </tr> <tr> <td>Sustainability and Development Committee (SDC)</td> <td> <p>Review and guide sustainability-related strategies, programmes and plans, including climate-related efforts.</p> </td> </tr> </tbody> </table> <p>Our Risk and Compliance updates the RMC on progress with respect to TCFD implementation as well as our carbon emissions footprint on a quarterly basis. On the other hand, relevant business units will seek feedback and guidance, where required, from SDC on sustainability implementation efforts.</p>		Relevant Focus Area	Risk Management Committee (RMC)	<p>Review, monitor and assess the effectiveness of the Group's implementation of risk treatment or mitigation action plan(s) for the management and control of the key risks, including cyber risk and resilience as well as sustainability and climate-related risks.</p> <p>The committee also reviews and is kept updated of any new or emerging trends of sustainability and climate-related risks and other threats.</p>	Sustainability and Development Committee (SDC)	<p>Review and guide sustainability-related strategies, programmes and plans, including climate-related efforts.</p>	<p>In 2021, we enhanced our sustainability governance mechanisms as part of a broader approach to reflect the roles of the board committee in addressing sustainability risks and to better integrate TCFD recommendations into our business processes.</p> <p> <i>For more information on our sustainability governance, please turn to page 8 of this report or refer to page 9 of IAR 2021.</i></p> <p>We conducted three climate focused training programmes for our Board of Directors to strengthen awareness and build technical capacities on various climate issues such as green finance, carbon markets and net zero GHG emissions pathways.</p>
	Relevant Focus Area							
Risk Management Committee (RMC)	<p>Review, monitor and assess the effectiveness of the Group's implementation of risk treatment or mitigation action plan(s) for the management and control of the key risks, including cyber risk and resilience as well as sustainability and climate-related risks.</p> <p>The committee also reviews and is kept updated of any new or emerging trends of sustainability and climate-related risks and other threats.</p>							
Sustainability and Development Committee (SDC)	<p>Review and guide sustainability-related strategies, programmes and plans, including climate-related efforts.</p>							


CLIMATE RISKS

Recommended Disclosures	Our Approach	Our Progress
<p>Governance</p> <p>Management's role in assessing and managing climate-related risks and opportunities</p>	<p>Our Management Committee (MC), chaired by the CEO, oversees the implementation efforts of sustainability and climate-related strategies and plans. On a quarterly basis, Group Sustainability will update MC on the progress made with respect to strategies identified under the Sustainability Roadmap, which includes climate-related plans and programmes.</p> <p>Our Project Management and Implementation Committee (PGIC), also chaired by the CEO, monitors progress and achievements of all strategic projects on a monthly basis. In 2021, climate-related projects tracked by PGIC included:</p> <ul style="list-style-type: none"> (i) building energy audit to reduce energy consumption and carbon emissions; (ii) integrating TCFD recommendations into our business processes; and (iii) implementing a community investment project to reduce food waste. 	<p>In 2021, we undertook an exercise to review Bursa Malaysia's exposure to climate-related risks and opportunities (CRO). The exercise was facilitated by an external climate risk consultant. During this exercise, we organised focus group discussions with business unit leads to identify and evaluate potential physical and transitions risks that were relevant and material to our business model.</p> <p>We also expanded the scope of our Enterprise Risk Management Framework to include sustainability-related risks, including climate risks. A standardised high-level risk management approach was adopted to manage climate risks in the organisation. This process will be further defined and enhanced moving forward.</p>
<p>Strategy</p> <p>Climate-related risks and opportunities identified over the short-, medium- and long-term</p>	<p>As a supporter of the TCFD recommendations, we are committed to consider climate related risks and opportunities (CROs) under our Sustainability Policy and aim to have a full adoption of the TCFD recommendations.</p> <p>We recognise that the securities market is our business area that is most exposed to CROs. This is mainly due to diversity of the PLCs in terms of their sectors, which implies that Bursa Malaysia is indirectly exposed to the same CROs of our collective PLCs. As a result, CROs that have a bearing on the competitiveness of our public listed companies (PLCs) will also have a knock-on effect on Bursa Malaysia. Thus, we analysed CROs that have a cross-cutting impact across our PLCs especially the impact of policy, legal and market risks on business competitiveness and attractiveness of PLCs to investors.</p> <p>Within the derivatives market, CROs impacting the whole palm oil sector in Malaysia (rather than individual parts of the palm oil value chain) were identified. In addition, we also evaluated the potential implications resulting from physical risks driven by climate change on our derivatives market.</p> <p>We analysed CROs that could have an impact on trading activities in our marketplace, namely factors that could influence the overall activity of investors on our exchange. Based on our preliminary market assessment, institutional investors show interest for environmental, social and governance (ESG) and green-related products such as green Exchange Traded Funds (ETFs), equities, indices and bonds which could potentially influence trading activity in the future.</p> <p>We are cognisant of the potential impacts of physical risks on Malaysian businesses, especially under warmer climate scenarios. Some of the key risks identified were related to warmer temperatures, more intense precipitations, sea level rise and changes in monsoons. In addition, several operational related CROs were determined to be of lower materiality that could have an impact to Bursa Malaysia's business.</p> <p>We also assessed the CROs across each of the defined time horizons:</p> <ul style="list-style-type: none"> Present – up to 2 years Short-term – From 2 to 5 years Medium-term – From 5 to 10 years Long-term – Over 20 years 	<p>Working with a climate risk consultant, we commenced an independent assessment of the CROs faced by Bursa Malaysia drawing on climate science and scenario data. Through this two-year project, we aim to allocate an estimated financial value on identified CROs that are potentially most substantive, to support determination of key climate risks to business in the short-, medium- and long-term as well as appropriate mitigation actions.</p>

CLIMATE RISKS

Recommended Disclosures	Our Approach	Our Progress
Strategy		
Impact of climate-related risks and opportunities on the business strategy, and financial planning	<p>As a facilitator of investment products, we recognise the growing demand for ESG and climate sensitive investment products. We have identified ESG-themed investment products and carbon markets as key growth areas for the Exchange.</p>	<p>In 2021, we established an ESG Products Task Force that combines expertise across multiple business units at Bursa Malaysia to accelerate the ESG product development process. Key focus areas include ESG and green focused indices, green and sustainable Initial Public Offering (IPO) programme and ESG and green themed ETFs.</p> <p>We are also working with Kementerian Alam Sekitar dan Air (KASA), Ministry of Finance (MOF) and relevant stakeholders to develop the Voluntary Carbon Market.</p> <p>We aim to reduce our GHG emissions from our business operations. Purchased energy from the grid/building energy consumption make up the largest portion of our GHG emission footprint. In 2021, we commissioned a building energy audit to review our building energy efficiency and identify potential areas of improvements. This also included identification of energy retrofits that we could potentially implement in the future.</p>
Resilience of the strategy, taking into consideration different climate-related scenarios	<p>In 2021, we identified potential CROs based on a range of different climate scenarios. We reviewed the parameters and adopted a range of globally recognised scenarios for the development of the three hypothetical climate future, namely business-as-usual scenario (3°C), low-carbon transition scenario (2°C), and high emission scenario (>4°C). These scenarios were used to reflect the climate change and to determine the likelihood of the CROs materialising.</p> <p>In certain cases, where climate scenarios were not currently available to support the quantification assessment, scenario narrative was developed for each CRO to determine the likelihood and velocity in which the current business-as-usual expectations were considered alongside the trajectory that would be required to achieve the goals of the Paris Agreement.</p>	<p>2021 was our first year analysing CROs via a comprehensive approach. Given the dynamic nature of CROs, this process will be continuously enhanced moving forward.</p>
Risk Management		
Processes for identifying and assessing climate-related risks	<p>The identification of CROs involved hosting an initial workshop and interviews with key stakeholders from Bursa Malaysia as well as undertaking desk-based research to develop a thorough understanding of Bursa Malaysia's operating structure, the relevance of climate change to stock exchanges, and the sectoral composition of PLCs and commodities being traded on the exchange.</p> <p>We reviewed CROs across the different areas of Bursa Malaysia's value chain that were important to ensure financial health and business continuity for the Exchange:</p> <ul style="list-style-type: none"> (i) Upstream – Exposure of outsourcing partners and vendors to CROs (ii) Operations – Potential impacts of CROs on valuation of assets owned by Bursa Malaysia and accessibility of the office by our employees (iii) Downstream – Potential impact of CROs on main revenue generating activities for Bursa Malaysia, namely the trading fees from the securities and derivatives markets. Given the climate-related nature of the analysis, we focused on those sectors and activities that were most carbon intensive and exposed to climate-related risk. For derivatives, we focused on palm oil given that it is largely the most traded commodity on the exchange. 	<p>2021 was our first year analysing CROs via a comprehensive approach. Given the dynamic nature of CROs, this process will be continuously enhanced moving forward.</p>

CLIMATE RISKS

Recommended Disclosures	Our Approach	Our Progress
Strategy		
Processes for managing climate-related risks	We aim to develop relevant controls for the CROs identified and to further tailor our risk management processes to allow a more effective management of the climate-related risks once the detailed financial impacts have been identified.	We aim to undertake a detailed value-at-stake assessment in 2022 to inform the design of internal controls.
Integration of climate risk management into overall risk management approach	We are currently enhancing our approach to managing climate-related risks to reflect the differentiated and multifaceted nature of CROs identified. We aim to integrate the identified CROs to inform our future risk identification cycles.	We expanded the scope of our Enterprise Risk Management Framework to include a risk category for sustainability- and climate-related risks.
Metrics and Targets		
Metrics used to assess climate-related risks and opportunities	In addition to GHG emission footprint, we will identify suitable climate-related metrics that are linked to our identified CROs once they are formalised and integrated into our overall risk management approach	
Reporting GHG emissions according to Scopes 1, 2 and 3	 <i>For more information on the reporting of our GHG emissions, please turn to page 49 of this report.</i>	
Targets used to manage climate-related risks and opportunities	We have committed to setting science-based emissions reduction targets in accordance with Science Based Targets initiative's (SBTi) criteria and recommendations.	

Moving Forward

We will continue to step up our climate action to better manage our climate-related risks apart from working closely with key capital market stakeholders to accelerate transition towards a low-carbon economy. Given the dynamic nature of climate-related risks, we will continue to analyse relevant climate scenarios, identify emerging and relevant climate change drivers and trends as well as evaluate potential implications on our business model and the wider capital market.



ENVIRONMENTAL FOOTPRINT

Why it matters

With natural disasters fuelled by climate change becoming more prevalent, it is more important than ever for companies to manage the environmental footprint of their business activities. Rapid economic development can impact the environment and lead to negative effects such as water pollution and wildlife extinction, ultimately threatening the future of our children. If left unchecked, the negative impacts will eventually affect business operations and economic growth. We are aware of the importance of managing our environmental footprint including conserving natural resources to help preserve the planet and contribute to a sustainable future for all.



Our Sustainability Policy Commitments [↗](#)

- Embrace responsible energy and resource management in daily operations
- Inculcate environmentally sustainable practices among our employees
- Disclose environmental data, performance and targets

Our Approach

We recognise that our business activities and office facilities can impact the environment. As such, we are fully committed to managing our environmental impact by continually reviewing our greenhouse gas (GHG) emissions, energy efficiency, water usage and waste generation.

Our environmental management approach is driven by Administration and Facilities Management and supported by the Climate Action Task Force. This department, together with Group Sustainability, ensure the implementation of strategic measures to reduce our environmental footprint.

Additionally, we apply the Ten Principles of United Nations Global Compact (UNGC) and the precautionary principles defined in the GRI Standards to identify potential environmental impacts, preventive actions and cost-effective measures within our business to mitigate and reduce our negative impacts on the environment and human health.

Our Progress



ENVIRONMENTAL FOOTPRINT

A Carbon Neutral and A Net Zero GHG Emissions Exchange

In September 2021, Bursa Malaysia announced its ambitions to become carbon neutral by 2022 and achieve net zero GHG emissions by 2050 across its entire operations, in line with the global drive for decarbonisation. We are committed to systematically manage our carbon footprint across the Exchange's entire business activities, while reducing emissions to align with a net zero GHG emissions future. We will also participate in the global campaigns "Business Ambition for 1.5°C" and "Race to Zero" to support the transition to a climate resilient and inclusive economy.

To achieve our climate ambitions, we have identified eight key initiatives which have been completed, are on-going or planned for 2022 onwards:

1

Setting science-based emission reduction targets in accordance with Science Based Targets initiative's (SBTi) criteria and recommendations

2

Conducting an energy audit to identify key improvements to maximise the energy efficiency of its buildings, as well as developing an asset improvement plan

3

Offsetting emissions from our electricity consumption, employees' travel to work and paper consumption, and other relevant emission sources beginning 2022

4

Implementing a Carbon Conscious Workplace Programme to promote responsible workplace practices and lifestyle choices among employees

5

Undertaking independent assurance of our climate-related data

6

Participating in external climate change assessment to improve the quality of our climate disclosures and practices

7

Ensuring greater transparency by aligning our climate-related disclosures in our sustainability reports with the TCFD recommendations

8

Advocating net zero GHG emissions and strong climate action through our stakeholder engagements and education initiatives

Carbon neutral

means Bursa Malaysia will start offsetting its emission footprint from its operations in 2021 through investments in natural carbon sinks and/or high-quality carbon credit schemes.

Net zero GHG emissions

refers to Bursa Malaysia's commitment to reducing carbon emissions, in line with the 1.5°C trajectory and remove unavoidable carbon emissions to achieve the state of net zero GHG emissions by 2050.

ENVIRONMENTAL FOOTPRINT

Bursa Malaysia Carbon Footprint

This year, we enhanced our carbon footprint model to include additional sources of emissions from our business activities. As such, we aim to use 2021 as the base year to evaluate the effectiveness of our future emission reduction initiatives and reference point towards becoming a net zero GHG emissions exchange. Due to the additional sources of emissions being accounted for, our carbon emission footprint for 2021 is higher than previous years. To meet our carbon neutrality target for 2022, we will offset all measured GHG emissions generated in 2021.

Total Emissions



Type	2021 Emissions (tCO ₂ e)	%
Scope 1		
Owned Transport	8.33	0.11%
Fuel Combustion	19.10	0.25%
Fugitive Emissions	85.80	1.13%
Scope 2	5,950.56	78.42%
Scope 3		
Employee Commuting	430.21	5.67%
Homeworking	764.24	10.07%
Waste Disposal	177.32	2.34%
Business Travel	41.55	0.55%
Paper Consumption	17.17	0.23%
Water Consumption	93.40	1.23%

For more information on our assumptions and calculation approach, please turn to page 116 of this report.

Enhancement to Our Environmental Disclosures

In 2021, we also participated in CDP's climate change assessment for the first time to benchmark our climate-related practices and disclosures against best practices and other companies participating in the assessment.

Energy Consumption

In 2021, we continued to implement the following energy saving initiatives to improve our building energy efficiency:

Installing Light Emitting Diodes (LED) lighting

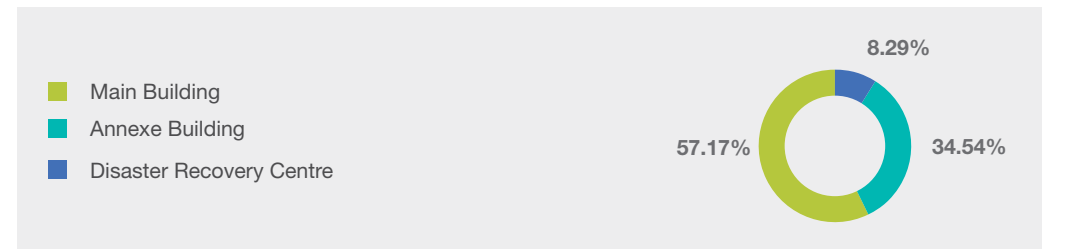
Ensuring lights at unoccupied spaces are switched off during off peak periods

Shutting down elevators during off-peak periods while ensuring two elevators are operating under a standby mode

Increasing the temperature setting of the Air Conditioning and Mechanical Ventilation (ACMV) when the weather gets colder

Our electricity consumption decreased slightly in 2021 mainly due to lower occupancy rate from the continuation of split office operations to reduce the risk of COVID-19 transmission.

Total electricity consumption (MWh)



	2019	2020	2021
Energy Intensity (MWh/m ²)	0.22	0.23	0.23

ENVIRONMENTAL FOOTPRINT

Paper Consumption

We implemented several initiatives in 2021 to reduce our paper consumption and instil awareness among employees. Among them was a paper recycling initiative to encourage employees to recycle their paper before moving into their newly refurbished office. We successfully collected 10,760 kg of paper for recycling. We also issued two email notices to all employees via Bursa@work to encourage employees to digitise their documents, initiated the upgrading of printers with added eco-friendly features such as fax forwarding (fax to a designated email or folder) and personal computer (PC) faxing within the Bursa Malaysia's environment (fax from PC directly). In addition, we are phasing out paper-based processes and have implemented several workflow automations, namely the request for mailroom operation and letter of undertaking. These workflow automations replace paper documents and enable employees to submit their requests via an online system, thereby reducing our paper consumption, processing time as well as physical storage space.

Spotlights

Building Energy Audit

In 2021, we commissioned a third-party to carry out a building energy audit to evaluate our internal energy consumption and key energy-consuming assets and equipment. Through this process, we identified energy conservation measures that would enable Bursa Malaysia to reduce its energy consumption and Scope 2 GHG emissions. The building energy audit represented an important first step in our journey towards carbon neutrality and net zero GHG emissions for years to come.

Spotlights



Office Interior Fit-Out

A pilot project was undertaken on Level 8 of our office in 2021 to renovate and refurbish our physical workplace and embed sustainability elements in our office. The new furniture such as workstations and chairs were eco-friendly and certified by Good Environmental Choice Australia (GECA) and myHIJAU Mark. To reduce waste, we offered the used office chairs to our employees at a minimum price and managed to sell 116 out of 207 of them. The remaining will be donated to communities in need. As for the office layout, it was designed to allow up to 60% of natural lighting into the office by avoiding the building of a room within the window parameters. To save energy, all the lightings were replaced with LED lights with the overall lighting distribution at an estimated 500 lux, as recommended by the Department of Occupational Safety and Health (DOSH) except for a few enclosed areas as recommended by the consultant.

ENVIRONMENTAL FOOTPRINT

Spotlights



Climate Explainer Series – Ask Burmy

As part of our journey towards carbon neutrality and net zero GHG emissions, we developed a Carbon Conscious Workplace plan. One of the initiatives was 'Ask Burmy', an in-house video series that aimed to debunk climate jargons and promote better understanding towards climate change. The two episodes launched in 2021 were:

	Date	Terms
1 st Episode	15 October 2021	Climate, Climate Change, Paris Agreement, Carbon Budget
2 nd Episode	28 December 2021	Greenhouse Gas Emissions, Scope 1, Scope 2, Scope 3, Science Based Targets

In addition to the video series, we also deployed desktop wallpapers to communicate our climate goals and promote the video series among our employees.

Spotlights



Plastic Consumption Awareness

In conjunction with Earth Day 2021, we collaborated with WWF-Malaysia to organise a live virtual talk on 22 April 2021 to educate our employees on plastic consumption. The talk highlighted the ongoing plastic crisis and the feasibility of the measures taken to tackle plastic pollution. The talk was the first of a two-part webinar series to advocate sustainability among our employees.

The second part of the webinar series was on Sustainability Finance and held on 31 May 2021. The series aimed to:

- Inspire sustainability as a way of living
- Familiarise our employees with the various sustainability initiatives that we were championing
- Share knowledge and enable our employees to keep abreast of the global sustainability trends and development

ENVIRONMENTAL FOOTPRINT

Spotlights



International Day of Awareness of Food Loss and Waste

Bursa Malaysia collaborated with zero waste practitioners to organise a webinar on 'Let's Do Our Part Towards Zero Waste' in conjunction with International Day of Awareness of Food Loss and Waste 2021. Featuring a live virtual cooking demonstration, the webinar shared tips on avoiding food waste and turning food scraps into snacks or meals. It attracted 175 participants comprising Bursa Malaysia employees, corporates, and the general public. The zero waste practitioners involved were The Lost Food Project, Zero Waste Malaysia and SEEDS Malaysia.

Moving Forward

We will reduce our carbon emissions through a systematic approach that is in line with national and global climate objectives and best-in-class practices. This includes setting science-based targets to guide our decarbonisation strategies, and monitoring and improving our GHG emissions disclosures to align with best practices and the highest standards of GHG reporting.

In 2022, we will continue with the refurbishment of our office which incorporates sustainability features and practices. We will also implement a Building Management System to better monitor our building temperature and equipment for enhanced employee comfort and health, while continuing our efforts to reduce paper consumption as well as complete the upgrading of all printers in our office.

Compliance with Environmental Laws and Regulation

We are committed to complying with all relevant environmental laws and regulations in Malaysia. In 2021, there were no confirmed incidents, non-monetary sanctions, or cases that have been brought to our attention for non-compliance with environmental laws and regulations.

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EMPOWERING OUR WORKFORCE

Our employees are our most precious asset and the backbone of our organisation. Hence, we believe in nurturing our employees holistically, from providing upskilling opportunities, to taking care of their safety and well-being, in order for the organisation to achieve long-term sustainable growth. We also focus on providing the necessary support to foster a high-performing workforce. Additionally, we focus on building a strong culture of business ethics and integrity through robust policies and guidance for our employees.

ANTI-FRAUD, BRIBERY AND CORRUPTION

Why it matters

Corruption is a serious matter that can severely undermine the ability of an organisation to create value. Efforts to combat corruption are, therefore, an absolute necessity to maintain the trust and respect of our stakeholders. At Bursa Malaysia, we have instituted robust anti-corruption measures to ensure fairness and transparency in all our dealings with stakeholders as we believe that it will also bolster the confidence of investors in Malaysia's capital markets.



Our Sustainability Policy Commitments [↗](#)

- Act ethically and with integrity in business dealings
- Provide an environment free of discrimination

Our Approach

Bursa Malaysia adopts a zero-tolerance approach towards fraud, bribery and corruption. We have established an Anti-Fraud, Bribery and Corruption Policy and Guidelines (AFBC P&G), and fully comply with all relevant laws.

Allegations of fraud, bribery and corruption are thoroughly investigated with appropriate action taken against confirmed cases. The Board of Directors (Board) and management also set the tone from the top, driving the integration of anti-bribery and corruption principles into our culture. The Board has oversight over how our fraud, bribery and corruption risks are managed. In addition, we have established a dedicated Integrity and Governance Unit (IGU) on 1 October 2020 to review and assess Bursa Malaysia's compliance with both internal and external policies and regulations.

We have adopted the "Three Lines of Defence" model to combat bribery and corruption as well as fraud.

Three lines of defence

First Line

Employees and management, as the first line of defence, have an important responsibility in being able to identify fraud, bribery and corruption risks within their respective business units, as well as develop controls and mitigations to manage these risks.

Second Line

Risk and Compliance is responsible for developing and monitoring fraud, bribery and corruption risk management policies. It also supports the Risk Management Committee's oversight function by assisting the Board to fulfil its responsibilities in managing fraud, bribery and corruption risks.

Third Line

Internal Audit (IA) is an important function within our organisation as it is able to perform an independent evaluation of the effectiveness of existing risk management, governance, anti-bribery and anti-corruption controls. This enhances and protects our organisational value, besides giving us insights on the opportunities and weaknesses present in our systems and controls. IA engagements are carried out based on an annual audit plan approved by the Audit Committee (AC), and IA is considering a standalone audit in 2022 to evaluate the Group's anti-fraud/bribery systems.

The level of exposure to fraud, bribery or corruption risks is taken into consideration during the audit process depending on the auditable areas assessed and the scope of the audit. The results of audits published in the IA reports are reviewed by the AC.

ANTI-FRAUD, BRIBERY AND CORRUPTION

Anti-Corruption Framework

We have a comprehensive framework for managing fraud, bribery and corruption risks that includes:

- An Enterprise Risk Management framework that covers corruption risk assessment
- Control measures in the form of policies, guidelines and procedures to address and manage the risks
- Continuous training and awareness initiatives for employees

We stand guided by the following standards, policies, guidelines and plan

1	Anti-Fraud, Bribery and Corruption Policy and Guidelines (AFBC P&G)	8	Integrated Governance, Risk and Compliance Framework
2	Asset Declaration Guidelines	9	Purchasing Policy
3	Code of Conduct and Ethics for Directors	10	Securities Transaction Policy for Bursa Malaysia Group
4	Code of Ethics for Bursa Malaysia Group	11	Vendor Code of Conduct
5	Enterprise Risk Management Principles and Framework	12	Whistleblower Policy and Procedures (WPP)
6	Entertainment Policy	13	Organisational Anti-Corruption Plan (OACP)
7	Guidelines for Handling Conflict of Interest		

The OACP sets out a comprehensive programme to strengthen governance, integrity and anti-corruption controls within Bursa Malaysia until 2023. It comprises five key priority areas, namely regulatory functions; organisational culture; internal review, control and compliance; procurement; and CSR sponsorships and donations. Under the OACP, we have introduced a Vendor Code of Conduct and revised our Purchasing Policy to enhance efficiencies following best practices.

In addition, we perform corruption assessments on our engagements with third parties, in accordance with our AFBC P&G. Periodically, we also perform risk assessments to identify any potential changes in our operational risk profile. Operations that are assessed as 'high-risk' are audited annually or more frequently than those flagged as 'low-risk'.

Responsible Procurement

Vendors who participate in our tender process are required to submit a Vendor Declaration Form which includes an undertaking to comply with relevant Bursa Malaysia policies and not to engage in any form of corruption. Prior to onboarding, vendors must also agree to comply with our Vendor Code of Conduct, which includes, among others, our stance on zero tolerance for corruption and bribery.

Whistleblower Policy and Procedures (WPP)

Our WPP provides an avenue for employees, directors or external parties to report any improper conduct, breach or suspected breach of any law or regulation, including business principles and our policies and guidelines, as defined in the WPP against any employee or director, in a safe and confidential manner. Employees may notify of any breach through whistleblower@bursamalaysia.com or inform Group Human Resources or IA, whichever is appropriate.

External stakeholders may also report via the same email address on improper conduct by any of Bursa Malaysia's employees; and may direct any other complaints through bursa2u@bursamalaysia.com.

There are two separate policies that govern whistleblowing in Bursa Malaysia for Directors and Bursa Malaysia Group employees, respectively. The Board oversees the implementation of the WPP for Directors, while the Audit Committee has the overall responsibility in overseeing the implementation and monitoring of the WPP for Bursa Malaysia Group employees. IA provides the administrative support to the Board and AC on the implementation of the WPP.

ANTI-FRAUD, BRIBERY AND CORRUPTION

Our Progress

Anti-Corruption Risk Assessments

As part of our risk assessment activities, we performed quarterly assessments across the organisation in 2021 to probe for potential corruption risk and did not observe any new material or significant risks related to corruption. However, due to the nature of the role and their operating activities, some corruption risk exposure continues to exist in functions such as Regulation, Investor Development, Procurement and Group Sustainability.

Complaints Received

In 2021, the Director of IA reported to the AC for its notation of one complaint received via the whistleblowing email address and another six via Aduan Bursa, CEO's Office, the Board and AC Chairman. As part of IA's reviews, IA took the necessary steps to reach out to the complainants and address the complaints made. None of the cases were related to Bursa Malaysia's employees.

Awareness on Anti-Corruption

In an effort to create awareness on anti-corruption, IGU carried out a variety of awareness programmes throughout 2021. A total of four webinars were conducted with the help of speakers from the Malaysian Anti-Corruption Commission's Community Education Division on Detecting Red Flags of Corruption, targeting Bursa Malaysia supervisors and the Board. Another two webinars were dedicated to Securities Transaction Policy and Conflict of Interest respectively, while a total of five Bursa@Work email communications were made to all staff relating to awareness on Conflict of Interest, No Gift Policy and Securities Transaction Policy.

Moving Forward

In 2022, we will roll out the enhanced e-learning module for the AFBC P&G, which will include more interactive features and fresh content. We will also continue to uphold strong governance and instil integrity in our culture and systems to remain an accountable and trusted exchange.



WORKPLACE ENVIRONMENT

Why it matters

We recognise that the workplace environment can have a significant effect on the performance and productivity of a workforce. As such, we strive to support the well-being and resilience of our people by providing a positive and vibrant work environment to keep them motivated and inspired in their daily duties, ultimately shaping a dynamic and high-performing workforce.



Our Sustainability Policy Commitments [↗](#)

- Provide an environment free of discrimination
- Respect human rights
- Provide a safe and healthy work environment
- Nurture a sustainable high-performance organisation
- Promote gender equality

Our Approach

We remain guided by our Sustainability Policy and Code of Ethics for Bursa Malaysia Group. We are committed to safeguarding fair labour practices and protecting human rights as we strive to protect our employees from all work-related harm including sexual harassment and all types of discriminatory practices. Our Group Disciplinary Policy, which is accessible via our internal portal, MY1818 provides guidelines for raising grievances by employees, grievance handling procedures for filing and resolving employee grievances on any work-related complaints or concerns, including bullying, discrimination, sexual harassment, victimisation and unfair treatment.

We respect our employees' rights to freedom of association and collective bargaining. Our non-executive employees have been part of the National Union of Commercial Workers (NUCW) since 1990, and they are also covered by the terms and conditions of the Employment Agreement between Bursa Malaysia and NUCW.

As a forward-looking employer, we always strive to provide a conducive and progressive workplace environment by promoting work-life balance. This includes implementing flexible working hours to enable employees to better manage their personal and family obligations.

We are also guided by these two key tenets to provide a safe and inclusive workplace environment for our employees:



1. Diversity and Inclusion

Ensure equal treatment for our employees at all levels, regardless of their gender, age, ethnicity, sex, disability, religion and any other status



2. Health, Safety and Wellness

Create a healthy and safe workplace for our employees and support their physical, mental and emotional wellness

1. Diversity and Inclusion

Our Approach

We are committed to inculcating a corporate culture that is diverse and inclusive as we strive to be an employer that offers equal opportunity.

Diversity and inclusion will allow us to tap the unique talent, ideas and experiences from employees who are from diverse backgrounds to contribute to sustainable growth. Our support for diversity is focused on gender equality, which underscores our recognition for the importance of participation of women at all levels of the organisation. We are also a signatory of the Women's Empowerment Principles (WEPs), where we commit to work collaboratively in multistakeholder networks to foster business practices that empower women since 2020.

We are committed to promoting diversity and inclusion through:

- Ensuring equal pay for equal work
- Providing adequate maternity and paternity leave
- Adopting merit-based recruitment practices
- Implementing capacity building initiatives to instil awareness on diversity and inclusion

WORKPLACE ENVIRONMENT

Our Progress

Diversity, Equity and Inclusion (DEI) Policy

In December 2021, we established a DEI Policy to ensure that the organisation is steered by a diverse group of employees in terms of age, ethnicity and gender. The policy, which is in line with our Board Diversity Policy, outlines our commitment to promoting diversity, equity and inclusion at the workplace. We believe diversity, equity and inclusion are a vital tool to measure good corporate governance and cultivate a sense of belonging for our employees. The policy also underpins Bursa Malaysia's stance against all forms of discrimination regardless of gender, age, race, religion, cultural background, ethnicity or disability.

[Read more about our DEI Policy on our corporate website.](#)

Inclusion in the Bloomberg Gender-Equality Index (GEI)

Bursa Malaysia was once again included into the 2021 GEI, which recognises companies that are committed to advancing women's equality and high-level transparency in gender reporting.

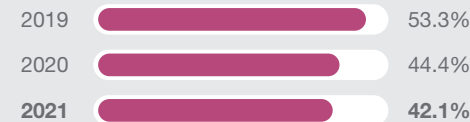
Webinar on Diversity and Inclusion

On 19 November 2021, we organised 'Creating a Safe and Inclusive Workplace', a webinar aimed at raising awareness among employees on how biasness relates to workplace harassment and about psychological safety in the workplace. Moving forward, we plan to continue the conversation on this topic and design a more structured programme to overcome potential biasness and harassment at the workplace.

Our Workforce

As at 31 December 2021, our workforce comprised 555 permanent employees and 42 contract employees, all of whom are based in Malaysia and work on a full-time basis.

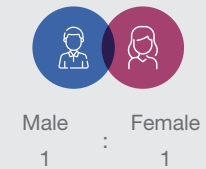
Women in Senior Management



Note:

Senior Management: CEO, Senior Directors, Directors, Senior Executive Vice Presidents and Executive Vice Presidents.

Gender Pay Ratio



Note:

Excluded bonus

Percentage of Employees Promoted by Gender



Notes:

- Percentage of employees promoted by gender is calculated by dividing the number of employees who were promoted by the total number of employees as at 1 July 2021.
- The total number of employees as at 1 July 2021 was 593, which consisted of 308 male and 285 female employees.

Employee Turnover by Gender



Note:

Employee turnover rate is calculated by dividing the number of employees who left the organisation by the total number of employees as at end 2021.

For more information on our employees-related data, please turn to pages 106 to 109 of this report.

WORKPLACE ENVIRONMENT

2. Health, Safety and Wellness

Our Approach

Our health and safety matters are managed by an Occupational Safety and Health (OSH) Committee comprising representatives from the management and employees. The Committee's responsibilities include:

1

Formalising relevant OSH policies and procedures

2

Evaluating the effectiveness of our health and safety management approach

3

Carrying out risk assessments and identifying preventive actions

4

Continuously monitoring for work-related injuries, illnesses and diseases

5

Ensuring compliance with relevant regulations and voluntary codes

Meeting Frequency

On a quarterly basis

Decision-Making Authority

Director of Group Human Resources (GHR)
(Chairperson of OSH Committee)

Communication Channel

OSH matters are communicated to employees via Bursa@Work

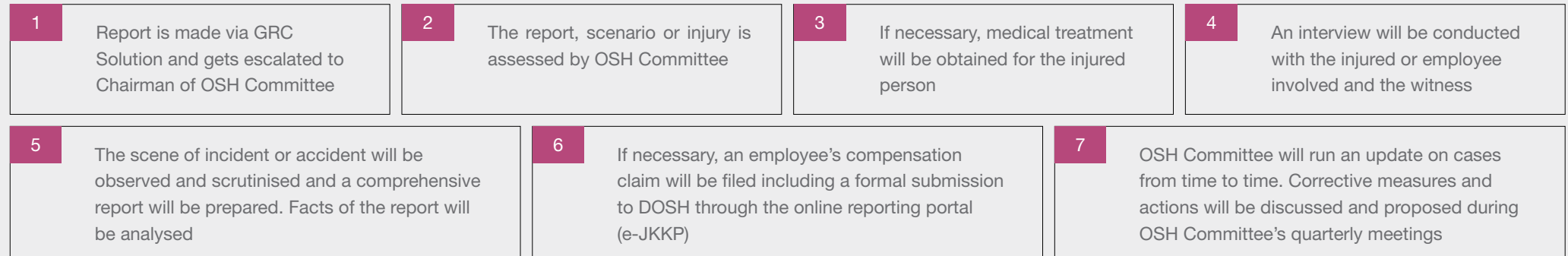
Employee Representatives

The representatives are consulted in the development, implementation and evaluation of the OSH system

We conduct OSH risk assessments throughout the year to ensure our workplace is safe and conducive. To encourage our employees to report work-related hazards and injuries, we have in place an online incident reporting platform embedded in our existing Governance, Risk and Compliance (GRC) Solution, which is managed by the Risk and Compliance team.

WORKPLACE ENVIRONMENT

We have established a set of clear reporting processes for work-related incidents:



Safeguarding the Wellbeing of Employees

We are committed to inculcating a healthy and active lifestyle among our employees through:

- Organising wellness talks and sharing tips on health, safety and wellness
- Providing state-of-the-art facilities and equipment such as a gymnasium and fitness classes
- Organising sporting activities through our employee-led Sports & Recreation Club

Protecting Employees from External Risks

We protect our employees from external security risks by putting in place robust safety and security measures such as:

- Security guidelines and safety standard operating procedures (SOPs)
- A formal security function for our office premises
- A digital notification tool to notify employees of any emergency or operational incidences

WORKPLACE ENVIRONMENT



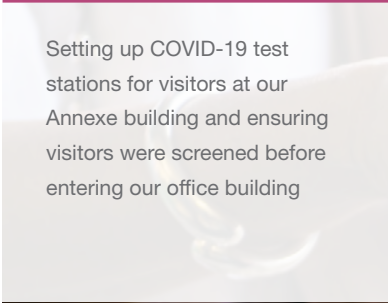
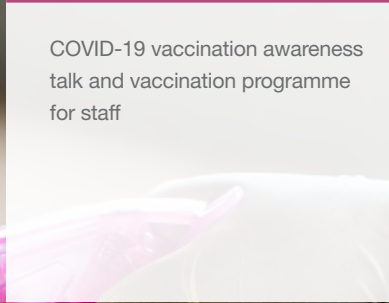



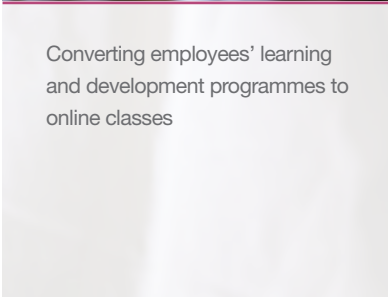
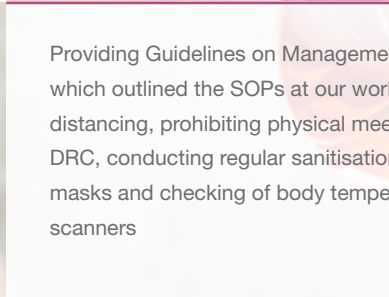
Our Progress

Keeping Our Employees Safe From COVID-19

In 2021, Bursa Malaysia continued to implement and enforce safety measures to keep our employees safe amid the prolonged COVID-19 pandemic. As the central entity for any reports and concerns on the potentiality of COVID-19 cases, GHR constantly communicated through Bursa@Work on our preventive measures, awareness as well as processes and SOPs relating to COVID-19. In addition, Heads of Divisions (HODs) were also required to make reference to the Work from Home Policy issued by GHR for work from home (WFH) arrangements.

We acknowledge that during the pandemic, there were several challenges in engaging with employees and ensuring we met their needs. The challenges included providing an impartial grievance channel to sustain good mental health, ensuring the consistency of information disseminated, achieving work-life balance and ensuring adequate occupational health and safety measures including SOPs to mitigate risk exposure to COVID-19.

We remained vigilant in 2021 and continued to put in place the following safety measures and SOPs to minimise our COVID-19 risk exposure:

	<p>Ensuring split operations with flexibility for HODs to mobilise the team between main site/ WFH and Disaster Recovery Centre (DRC)/WFH</p>		<p>Ensuring the DRC work area was conducive and equipped with sufficient network bandwidth and providing lunch in the work area to limit staff movement</p>
	<p>Setting up COVID-19 test stations for visitors at our Annexe building and ensuring visitors were screened before entering our office building</p>		<p>COVID-19 vaccination awareness talk and vaccination programme for staff</p>
	<p>Providing support for WFH and on-site by distributing laptops with laptop stands or extended monitors and ensuring the availability of virtual meeting platforms and enabling virtual private network</p>		
	<p>Converting employees' learning and development programmes to online classes</p>		<p>Providing Guidelines on Management of COVID-19 in the Workplace which outlined the SOPs at our workplace such as observing social distancing, prohibiting physical meetings between staff at main site and DRC, conducting regular sanitisation at common areas, wearing of face masks and checking of body temperature using non-contact thermal scanners</p>

WORKPLACE ENVIRONMENT

Enhanced the Physical Security of our Building

In 2021, we undertook the initiative to enhance our office security features which included:

- Building of new fencing (10 ft. height) surrounding Bursa Malaysia's main office building
- Installation of new security barriers to Annexe building parking
- Installation of new fencing for generator set
- Installation of under-vehicle surveillance system to detect hidden explosive devices
- Relocation of flap barrier at lower ground lobby of Bursa Malaysia's main office building
- Installation of metal detector for visitors
- Installation of additional CCTV cameras

Indoor Air Quality (IAQ) Assessment

In 2021, we carried out an IAQ assessment in our Bursa Malaysia's main office building. This was in accordance with the guidelines and standards prescribed under the Industry Code of Practices on Indoor Air Quality 2010 established by the Department of Occupational Safety and Health (DOSH), as well as other relevant agencies such as Jabatan Kerja Raya, the American Conference of Governmental Industrial Hygienists (ACGIH), Occupational Safety and Health Act (OSHA) and the Environmental Protection Agency (EPA). The objective of the assessment was to evaluate our building temperature to ensure comfortable reading between 23°C - 26°C was established. It was also aimed at ensuring clean air ventilation and circulation in office environment to improve efficiency of energy usage and promote employee wellbeing.

Safety and Wellness Campaign 2021

- Due to the pandemic, we were not able to carry out most of the OSH training, which required the physical presence of participants. However, in September 2021, we conducted a 'Safety and Wellness Campaign 2021', to promote a healthier and a safer workplace. The campaign which will continue under the Employee Engagement Framework until 2023, consisted of a series of programmes including webinars and newsletters as well as a training on ergonomics

and occupational injuries at the workplace for all employees. The training allowed participants to identify, utilise and understand the principles of ergonomics at the workplace and implement mitigation measures that complied with OSH requirements. This included an Office Ergonomics Awareness Webinar on 20 October and 12 November 2021. Additionally, employees were also given a care pack each which comprised two COVID-19 self-test kits, an oxygen meter, a thermometer, an eye massager with essential oil, mixed nuts and disposable masks.

Several talks on health and wellness were held to raise awareness among employees:

- You Are Not Alone: Mind Your Wellbeing on 20 September and 10 October 2021
- Men's Health Talk: Sizing Up the Men's Issue on 15 November 2021
- Men's Health Talk: Getting the Early Cure for Prostate Cancer on 30 November 2021

Spotlights



Wellness and Resilience Tool (SWITCH fitness application)

To encourage a healthy lifestyle among our employees, we introduced SWITCH, a fitness application to help employees sustain a healthy lifestyle. Enhanced with interactive features and a lifestyle management programme, the application assists users to improve their fitness level.

In conjunction with the virtual launch of the application on 15 September, a talk, titled 'Eat Well, Stay Fit and Love Your Heart' was conducted for our employees.

Moving Forward

We will continue to identify new and innovative ways to promote a safe, healthy and conducive workplace for the health and well-being of our people. We will also prioritise the wellness and mental health of our employees to develop a high-performing workforce.



EMPLOYEE ENGAGEMENT

Why it matters

Employee engagement is integral to keeping a workplace culture vibrant and positive. During challenging times such as the current disruptions from the prolonged COVID-19 pandemic, we believe that engaging with our employees is more important than ever. Apart from enabling us to meet the changing needs and satisfaction of our people, it also allows us to retain talent and drive transformation and sustainable growth.



Our Sustainability Policy Commitments

- Nurture a sustainable high-performance organisation
- Attract and retain talent

Our Approach

We anchor our employee engagement approach on the following four key objectives, which address the various needs of our people to ensure their well-being and satisfaction:



Ensuring alignment of internal culture with BURSA values



Encouraging open and transparent communication



Promoting social connectedness and sense of belonging



Building a culture of recognition

Our Progress

We engaged with employees through townhalls, surveys, events and celebrations. In 2021, we held two virtual townhalls and various events as well as surveys amid disruptions from the pandemic.

Townhalls	Date	Details
Townhall with Chairman and CEO	1 March 2021	Organisational perspective; summarising the key 2020 culture efforts and culture survey findings
Townhall with CEO	15 July 2021	Organisational development efforts, including sharing highlights of the Employee Engagement pulse survey results

Survey	Date	Details
Survey on Risk-Awareness Culture Programme (Part 1)	16 April to 5 May 2021	To gather feedback on the effectiveness of risk awareness initiatives conducted by Risk and Compliance
Employee Engagement Pulse Survey	3 May to 12 May 2021	To gather data and gauge both opinions and workplace effectiveness. We achieved a score of 67%.
Sustainability Culture Survey	1 July to 9 July 2021	To assess the state of sustainability culture within the organisation. The outcomes of the survey enabled us to better develop sustainability initiatives and set baselines to measure the effectiveness of our programmes
Survey on Risk-Awareness Culture Programme (Part 2)	26 October to 5 November 2021	To gather feedback on the effectiveness of risk awareness initiatives conducted by Risk and Compliance
Feedback Survey on Crisis Simulation Exercise	26 November 2021	To gather feedback from participants on the Crisis Simulation Exercise, the objective of which was to test Bursa Malaysia's readiness in responding to crisis situations
Employee Engagement Final Survey	13 December to 29 December 2021	To gauge the progress and success of initiatives or implementation of action plan by divisions. We achieved a score of 70%.
Employee Satisfaction Index	Continuous	To gauge and identify problem areas or issues arising from events organised by Group Human Resources (GHR)

EMPLOYEE ENGAGEMENT

Engagement Activities

Earth Hour 2021

27 March 2021



Bursa Malaysia Enhanced Core Values Slogan Competition

5 November – 31 December 2021



Earth Day DIY Contest

22 April – 7 June 2021



Festive Gifts

We also organised festive engagements to celebrate different cultures and religions of our employees. Due to COVID-19 pandemic that restricted large social gatherings, we were not able to hold any physical celebrations. However, in the spirit of festivity, we provided each of our employees with festive gifts during Chinese New Year, Hari Raya, Deepavali and Christmas.

November Challenge

19 November – 26 December 2021



Pertandingan Pantun Dekad Bahasa Kebangsaan 2021 Dewan Bahasa dan Pustaka (DBP) and Bursa Malaysia

10 September – 20 October 2021



Hari Malaysia and Merdeka Virtual Quiz League

24 September – 1 October 2021



EMPLOYEE ENGAGEMENT

Yayasan Bursa Malaysia Excellence and Merit Awards 2021

For the 14th year running, we rewarded our employees' children (Bursa Kids) who excelled in major public examinations. Since the UPSR and PT3 exams were not held in 2020 due to COVID-19, we only awarded Bursa Kids who received exceptional results for their SPM exams. Each award recipient received a cash gift, a certificate and e-wallet voucher for the recipients and family to celebrate their achievements.

Spotlights



Employee Engagement Module (EEM)

To promote an open and positive communication within the organisation, we procured an employee engagement feedback tool, EEM. Using an integrated approach to understand employee experience, the tool was designed to harness ideas and feedback from employees to enable us to deliver on Bursa Malaysia's mission and objectives. We achieved 100% utilisation of the EEM features or functions i.e. Reach HR, Survey, Notice Board and Birthday Wishes.

Moving Forward

We will continue to engage with our employees through surveys and employee-centric programmes that promote employee well-being to shape a dynamic and high-performing workforce. We will also monitor the development of key culture metrics to ensure our engagement tools and methods are effective and up to date.

LEARNING AND DEVELOPMENT

Why it matters

Businesses are pivoting and evolving as organisations strive to adapt to disruptions from the pandemic. As such, it is also important for us to ensure that our people are upskilled and updated with the latest industry knowledge to continue to stay relevant and agile. We are invested in our employees' professional growth to nurture skillsets that are future-proofed and shape a competitive and high-performing workforce to continue to deliver values to our stakeholders.



Our Sustainability Policy Commitments

- Nurture a sustainable High-Performance Organisation
- Develop our employees
- Attract and retain talent

Our Approach

We are committed to creating a truly distinctive learning experience in building vital capabilities that develop world class leaders and professionals. Our learning and development approach is anchored on the 70-20-10 learning model, whereby 70% of knowledge is attained through job experience, 20% through social learning and 10% from formal education. The learning model, which was adopted in 2020, enables us to cater to the different needs of our diverse range of employees.



Employees' Learning Obligations

- Required to submit an individual development plan (IDP)
- Must identify the technical or functional skills that will enable improvements in job functions and responsibilities
- Must undertake relevant development plan to close competency gaps



Learning Modes

- Physical or Face-to-face
- Online or Virtual:
 - Webinars
 - GO1: An e-learning platform that provides bite-sized online courses in the key areas of professional growth: business skills, personal development, safety and compliance and technology skills
- Hybrid: Mix of physical and online

Our Progress

Delivery of Learning Plan for 2021

In 2021, we organised various enriching learning and development programmes to support the professional growth of our people. The programmes, which were mostly conducted online due to disruptions from the pandemic, covered key learning areas including sustainability awareness, leadership skills, business tools, main competency gaps and awareness topics that are vital to our business sustainability.

LEARNING AND DEVELOPMENT

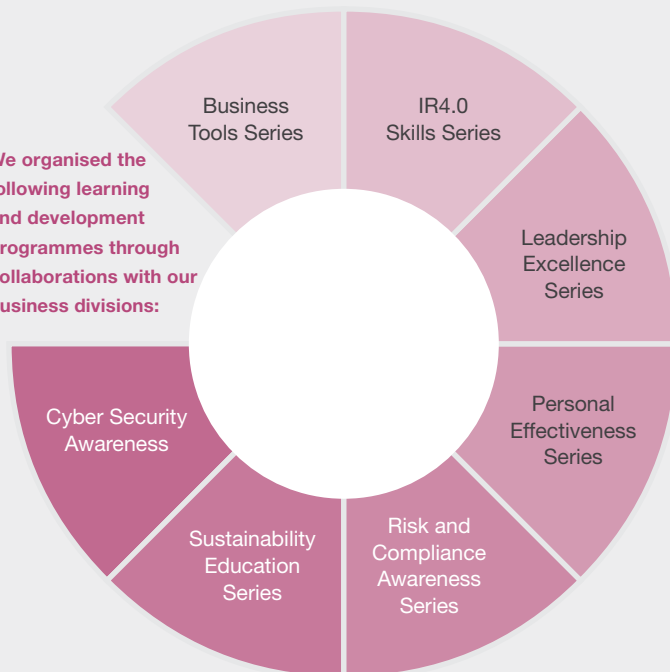
The learning plan is designed to cater to different learning needs or profiles within the organisation to ensure learning effectiveness via various learning approaches or interventions. Our in-house programmes were focused on soft and functional skills, and were categorised into leadership excellence, personal effectiveness, IR4.0 skills and business tools.

Learning and Development	2019	2020	2021
Total Training Hours	19,737	20,517	20,380
Total Training Hours - By Gender			
Male	9,688	9,866	9,009
Female	10,049	10,650	11,371
Average Training Hours - By Gender			
Male	28.9	32.1	26.6
Female	31.0	35.2	37.3
Total Training Hours By Employee Category			
Senior Management	899	575	1,290
Middle Management	10,150	12,237	12,517
Executive	5,889	6,413	5,406
Non-Executive	2,799	1,292	1,167
Average Training Hours By Employee Category			
Senior Management	28.1	21.3	34.9
Middle Management	27.4	35.1	33.5
Executive	32.0	37.7	33.4
Non-Executive	38.3	19.3	16.4
Total Amount Invested in Employee Learning and Development (RM)			
	1,318,048	1,371,826	1,487,630

Note:

Figures for 2019 and 2020 have been restated as a correction of an error.

We organised the following learning and development programmes through collaborations with our business divisions:



Moving Forward

Competency-based learning will be embedded into the learning plan to further support the professional development of our employees in a more structured approach. Additionally, we will continue to enable a culture of curiosity and lifelong learning that prioritises learning with a growth mindset for professional development.



CONTENT

[Community Investment](#)

Page 69



Click on the links to further information within the document.

ADVANCING OUR COMMUNITIES

We believe that reaching out to the communities around us is the key to a sustainable future. Hence, we aim to create shared value with the communities around us, where our goals, vision and mission are aligned with the needs of the local communities.



COMMUNITY INVESTMENT

Why it matters

Giving back to the local communities is integral to building a sustainable future for all and ensuring no one is left behind. As part of good corporate social responsibility (CSR), organisations can contribute towards developing sustainable communities by investing in the local communities in which they operate. Reaching out to the communities and creating shared value will enable organisations to better align their business goals, vision and mission with meeting the needs of society, thus helping to shape an economically resilient community that will contribute to the nation's wealth.



Our Sustainability Policy Commitments

- Promote education for communities
- Promote gender equality
- Promote the adoption of good environmental practices among our PLCs

Our Approach

Bursa Malaysia's community investment programmes and initiatives are managed and implemented through our charitable arm, Yayasan Bursa Malaysia (YBM). We are guided by three focused approaches to ensure our programmes and initiatives generate long-lasting positive impacts.

1

Develop targeted long-term programmes that are aligned with the identified CSR pillars of Bursa Malaysia

2

Seek out partnership opportunities to scale up efforts and implement solutions towards common goals

3

Continuously improve existing mechanisms and processes to enhance capacities and efficiencies in delivering sustainable impacts

In 2020, we deepened our commitment to community investment by establishing a CSR Plan from 2021 to 2023 to further identify our priorities and efforts. Anchored on three pillars, the CSR Plan helps us to focus on specific and well-defined initiatives to better create sustainable value for the communities.

1. Responsible Consumption and Production

2. Financial Literacy

3. Poverty Alleviation and Disaster Relief

How We Create Sustainable Impact



There is an urgent need to preserve the environment and accelerate the transition towards a resource-efficient economy to prevent the worst impact of climate change. We aim to advocate the concept of circular economy by reducing waste to landfill while preserving the environment and wildlife.



Financial literacy is key to a sustainable future as it helps to sharpen the financial capabilities of communities and improve their livelihoods to thrive in today's modern economy. As a financial services provider, we have always prioritised financial literacy for communities as we aim to empower them with the right knowledge and skills to manage their money effectively and make sound financial decisions.



In line with the UN Sustainable Development Goals, we seek to support programmes and solutions that are focused on alleviating poverty, ensuring no one is left behind. This includes providing education and access to job opportunities, upskilling and managing the rising cost of living as well as providing assistance related to disaster relief and recovery.

COMMUNITY INVESTMENT

Our Progress

1. Responsible Consumption and Production

Waste Management

re.Food

re.Food is Bursa Malaysia's flagship food waste management programme that aims to reduce food waste disposal to landfills. Through re.Food, we aim to engage our capital market community to create a movement to drive sustainable behavioural change towards food waste prevention while helping the underprivileged.

In 2021, we launched the first phase of the initiative, where participating corporates collected excess but edible food from their employees to be packed and distributed to B40 communities through our NGO partners. The collected food was placed in food boxes sponsored by Bursa Malaysia.

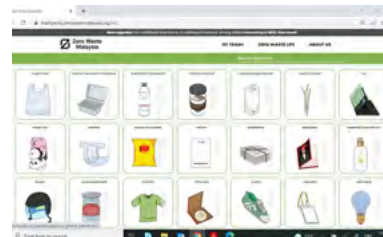
We managed to collect 1,675 kg of food from six participating corporates, which were distributed to the various B40 communities across the Klang Valley.



Trash Encyclopedia by Zero Waste Malaysia (ZWM)

Amount Contributed: RM20,000

- Contributed towards the Trash Encyclopedia 101 Project to cover the launch of the Beta website for Trash Encyclopedia including data analysis and visualisation of a public survey and promoting educational material for the encyclopedia across ZWM's social media channel



Preservation of Environment and Wildlife

Malayan Gaurs Ex situ Conservation by PERHILITAN

Amount Contributed: RM200,000

- Supporting Ex situ conservation of 10 Malayan Gaurs in Sungkai Wildlife Reserve, Perak by providing food supply and husbandry management for 12 months

WWF Net Zero Emissions 2050 Study

Amount Contributed: RM100,000

- Contributed to the co-funding of the WWF-Malaysia and BCG study on the potential net-zero pathways for Malaysia, which aimed to showcase an optimal net-zero pathway for Malaysia by 2050 and determine the necessary policy and framework needed



COMMUNITY INVESTMENT

2. Financial Literacy

Sens-Ability

Sens-Ability is another flagship programme designed to educate individuals on financial and investment literacy.

For more information on Sens-Ability, please turn to page 22 of this report.

Yayasan Bursa Malaysia Scholarship

Bursa Malaysia has been providing full scholarships for students from underprivileged backgrounds to pursue undergraduate courses at seven local public universities. Since its inception in 2006, our scholarship programme has benefitted 79 students who were from underprivileged backgrounds. Priority is given to students who chose to study Law, Finance, Accountancy, Business Administration or Economics. In 2021, five stellar students were awarded the scholarship.

	2019	2020	2021
Number of Scholars Supported	9	14	19

Note:
2019 and 2020 figures have been restated to 9 and 14 respectively from 18 and 21 as a correction of an error.

3. Poverty Alleviation and Disaster Relief

COVID-19 RELIEF

Amount Contributed: RM5.8 million

In 2021, we continued to provide financial assistance for various causes to help alleviate the impact of COVID-19.

Healthcare Equipment and Facilities Support

Donation of Two Ambulances to Malaysian Red Crescent Society

Amount Contributed: RM1,000,500

- Provided financial support for the purchase of two ambulances, as well as the maintenance and operation of the same to cope with the increased demand for emergency ambulance services during the COVID-19 pandemic

Enhancing the COVID-19 Symptom Monitoring System (CoSMoS) for Home Monitoring of Patients Diagnosed with COVID-19 Infection in University Malaya Medical Centre (UMMC)

Amount Contributed: RM134,080

- Supported the implementation cost of Generation 1 and 2 CoSMoS application for UMMC staff, families, and patients
- Contributed to home monitoring package of 50 mobile phones, 50 SIM cards, 50 pulse oximeters, as well as modification of base CoSMoS

COVID-19 Assessment Centre Support

Amount Contributed: RM52,120

- Sponsored one month of the air-conditioning system at Stadium Malawati COVID-19 Assessment Centre

Donation of Oxygen Concentrators

Amount Contributed: RM1,999,500

- Contributed 310 oxygen concentrators to the Malaysian Ministry of Health to treat Stage 4 and 5 COVID-19 patients



COMMUNITY INVESTMENT

COVID-19 RELIEF

Amount Contributed: RM5.8 million

Socio-economic Support for the Communities

Upskilling Programme for B40 Communities by Swaterbit Kids Books (SKB)

Amount Contributed: RM20,000

- Supported the development and upskilling of B40 communities in producing self-published children's books



Donation to CERDIK Programme

Amount Contributed: RM2,001,600

- Provided 1,176 students from 12 schools across six states with complete sets of laptops, dongles and SIM cards (15GB for 12 months) through donation to the CERDIK Programme
- CERDIK, which was announced in Budget 2021, was a government-linked investment companies (GLICs)/government-linked companies (GLCs) driven corporate responsibility pilot initiative that provided digital access comprising laptops, tablets and data connectivity to primary and secondary school students from lower-income families. This programme aimed to support the need for digitalisation of education that was accelerated by the COVID-19 pandemic, by closing the digital learning gaps among school-going children in Malaysia and providing pilot digital learning models for future.

Digital Support for Underprivileged Students at Universiti Malaya (UM) and Universiti Putra Malaysia (UPM)

Amount Contributed: RM165,036

- Donated 51 high-quality new laptops to deserving students from the low-income background at UM and UPM to bridge the learning gap during the pandemic



COMMUNITY INVESTMENT

COVID-19 RELIEF

Amount Contributed: RM5.8 million

Socio-economic Support for the Communities

Art for At-Risk Youths by GoodKids

Amount Contributed: RM58,600

- Supported 50 B40 youths from low-cost apartments (PPR) in Kota Damansara and Kg Orang Asli Bukit Lanjan through support for arts for at-risk youths (SAYA) programme

Cervical Cancer Testing Programme by ROSE Foundation

Amount Contributed: RM20,000

- Sponsored the programme by ROSE Foundation to provide free cervical cancer testing for 80 women from the B40 community as the COVID-19 pandemic had disrupted their access to free cancer screening services

Cultural Frontliners' Project in collaboration with Yayasan Hasanah

Amount Contributed: RM20,000

- Supported the Cultural Frontliners' Project by sponsoring amplifiers and providing temporary sustenance to the musicians who performed at the National Vaccination Centres for 30 days



Project UPLift by Treat Each Environment Special (TrEES)

Amount Contributed: RM77,700

- Provided over 700 families from B40 communities with food provisions and personal care aid through school engagements in Selangor, Kuala Lumpur, Perak, Pahang and Negeri Sembilan



COMMUNITY INVESTMENT

COVID-19 RELIEF

Amount Contributed: RM5.8 million

Socio-economic Support for the Communities

Sustenance for B40 Autistic Students at IDEAS Autism Centre (IAC)

Amount Contributed: RM20,000

- Provided sustenance to IAC students from underprivileged backgrounds for eight months



Sustenance for B40 Communities by The Lost Food Project (TLFP)

Amount Contributed: RM187,000

- Contributed essential food and hygiene care products to 1,879 vulnerable, B40 families/ households under the TLFP Relief Pack Programme 2021
- The assistance rendered was for charities that cared for disabled children, the blind, persons with disabilities, the elderly and single mothers as well as B40 families and those suffering from critical illnesses

DISASTER RELIEF

Amount Contributed: RM500,000

Sabah Emergency Flood Relief by Islamic Relief Malaysia (IRM)

Amount Contributed: RM200,000

- Benefitted about 10,000 people across six locations especially within the nearest religious and educational establishments via our contribution to the Sabah Emergency Flood Relief 2021 to provide food and toiletries, home repairs and cleaning



Emergency Flood Relief Fund by Malaysian Relief Agency (MRA)

Amount Contributed: RM150,000

- Assisted over 1,250 flood victims in Pahang, Johor, Perak and Selangor via our contribution to the Emergency Flood Relief Fund 2021 which enabled kitchen appliances and basic needs to be provided and minor repair works to be completed on houses affected by the floods



Flood Recovery Appeal by MERCY Malaysia

Amount Contributed: RM150,000

- Assisted over 1,000 beneficiaries in Pahang via our contribution to the MERCY Malaysia Flood Recovery Appeal 2021 which enabled the repairing of affected houses, educational support and contribution of back-to-school items



COMMUNITY INVESTMENT

Spotlights

Employee Volunteer Club – Bursa VIBE

Bursa VIBE, Bursa Malaysia's official employee volunteer club was launched in September 2021 to provide a platform for our employees to take part in the organisation's CSR initiatives in a structured manner. We believe that meaningful volunteering opportunities will not only boost employee morale and satisfaction, but also provide opportunities for experiential learning. A highly engaged and motivated workforce will improve productivity and customer service, ultimately generating better outcomes for the organisation. We hope to assist the communities through providing additional support on the ground during emergencies or disaster relief and recovery.

A total of 75 employees volunteered throughout 2021.



HOSPIS Malaysia Treasure Hunt

Bursa VIBE volunteers took part in the HOSPIS Malaysia Treasure Hunt on 9 October 2021 to help raise funds for the palliative care centre that caters mostly to the B40 communities

Virtual Visit to IDEAS Autism Centre (IAC)

Bursa VIBE volunteers paid a virtual visit to the IDEAS Autism Centre (IAC) to engage with the children at IAC, a learning centre for autistic children from low-income families. The centre had 39 children. Bursa VIBE volunteers took part in quizzes, whereby the winners were given vouchers to purchase baked goods by the IAC home bakers, who were mothers to the children

Volunteering for Emergency Response

In response to the flooding in December 2021, Bursa VIBE participated in home cleaning of Bursa Malaysia employees who were badly affected by the flood. Several homes in Sg. Lui, Hulu Langat, Selangor also received our assistance in removing broken furniture, cleaning kitchen items and unclogging drains in collaboration with Islamic Relief Malaysia

Appreciation to Healthcare Frontliners

In conjunction with International Volunteer Day on 5 December 2021, Bursa Malaysia staff showed appreciation to the medical frontliners at Hospital Kuala Lumpur by presenting them with home-made cookies baked by B40 community bakers and an appreciation book which was the printed version of the appreciation crafted by Bursa Malaysia employees captured via an online platform



Moving Forward

We will continue to implement programmes and initiatives that will generate long-lasting positive impacts for our communities. We aim to enhance the current CSR projects and focus on expanding collaborations and aligning our strategies and initiatives with multiple stakeholders. Circumstances permitting, we will expand re.Food in 2022 by launching the food compost initiative, whereby food waste from participating corporates will be composted through machines stationed at the organisations. The compost will be distributed to the B40 community gardens.

THE CARBON TRUST ASSURANCE STATEMENT

RELATING TO BURSA MALAYSIA'S GHG FOOTPRINT MODEL



Terms of Engagement

The Carbon Trust was commissioned by Bursa Malaysia to provide an independent, limited level of assurance on the following Selected Information:

- Scope 1 emissions: Company Fleet, Diesel, Refrigerants
- Scope 2 emissions: Purchased Electricity
- Scope 3 emissions: Business Travel, Employee Commute (incl. Teleworking), Waste Generated in Operations

The Selected Information is presented within Bursa Malaysia's 2021 GHG Footprint Model. We have not performed any work, and do not express any conclusion, over any other information that may be included in the Footprint Model or on Bursa Malaysia's website for the current year or for the previous periods unless otherwise indicated.

Scope

This engagement covers the verification of emissions from anthropogenic sources of greenhouse gases included within the organisation's boundary.

- Organisational boundary: Malaysia (Kuala Lumpur) operations which includes:
 - Exchange Square (Main Building);
 - 3rd floor GTech/computer centre;
 - Backup: 3rd floor GTech/computer centre source from Annex;
 - Annex Building;
 - Data Centre including DRC, Wisma chase perdana
- Control approach: Operational Control and Financial Control
- period: 01/01/2021 - 31/12/2021

Our Conclusion

Based on the work we have undertaken and the evidence provided by Bursa Malaysia, nothing has come to our attention that leads us to believe that the Selected Information has not been properly prepared, in all material respects, in accordance with the Reporting Criteria.

The total verified footprint was 7,477 tCO₂e, according to the location-based method. The breakdown by scope is:

- Scope 1: 113 tCO₂e
- Scope 2: 5,951 tCO₂e
- Scope 3: 1,413 tCO₂e

This conclusion shall be read in the context of the remainder of this Assurance Statement, in particular the inherent limitations explained below and this report's intended use.

THE CARBON TRUST ASSURANCE STATEMENT

RELATING TO BURSA MALAYSIA'S GHG FOOTPRINT MODEL



Reporting Criteria

The Reporting Criteria used by Bursa Malaysia is the GHG Protocol.

Management Responsibility

The management of Bursa Malaysia are responsible for:

- designing, implementing and maintaining internal controls relevant to the preparation and presentation of the Selected Information that is free from material misstatement, whether due to fraud or error;
- selecting and/or developing objective Reporting Criteria;
- measuring and reporting the Selected Information in accordance with the Reporting Criteria; and
- the contents and statements contained within the Report and the Reporting Criteria.

Our Responsibilities

Our responsibility is to plan and perform our work to obtain limited assurance about whether the Selected Information has been prepared in accordance with the Reporting Criteria and to report to Bursa Malaysia in the form of an independent limited assurance conclusion based on the work undertaken and the evidence obtained.

Assurance Standards Applied

We performed our work in accordance with The Carbon Trust's assurance methodology based on ISO 14064-3.

Our Assurance Activities

Our objective was to assess whether the Selected Information is reported in accordance with the principles of completeness, comparability and accuracy. We planned and performed our work to obtain all the information and explanations that we believe were necessary to provide a basis for our assurance conclusions.

Considering the level of assurance and our assessment of the risk of material misstatement of the Selected Information, whether due to fraud or error, our work included, but was not restricted to:

- assessing the appropriateness of the Reporting Criteria for the Selected Information;
- conducting interviews with Bursa Malaysia management to obtain an understanding of the key processes, systems, controls and related documentation in place over the preparation of the Selected Information;
- performing analytical reviews and detailed sampling of the Selected Information; and
- reading the Footprint Model and narrative accompanying the Selected Information in the Footprint Model with regard to the Reporting Criteria, and for consistency with our findings.

THE CARBON TRUST ASSURANCE STATEMENT

RELATING TO BURSA MALAYSIA'S GHG FOOTPRINT MODEL



Inherent Limitations

The accuracy and completeness of the Selected Information is subject to inherent limitations given their nature and methods for determining, calculating and estimating such data. As such, this Assurance Statement should be read in connection with Footprint Model. For those subject matters with a limited assurance, the evidence-gathering procedures are more limited than with a reasonable assurance, and therefore less assurance is obtained than in an overall reasonable assurance statement.

The Carbon Trust's Competence and Independence

The Carbon Trust ensures the selection of appropriately qualified individuals based on their qualifications, training and experience. The outcome of all verification and certification assessments is then internally reviewed by senior management to ensure that the approach is rigorous and transparent.

For and on behalf of

Carbon Trust

Hugh Jones,
Managing Director

APPENDIX



Click on the links [↗](#) to further information within the document.

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ABOUT THIS REPORT


This Bursa Malaysia Sustainability Report 2021 marks our 11th stand-alone report and provides a transparent account of our sustainability progress.

The Bursa Malaysia Sustainability Report 2021 is published alongside our Integrated Annual Report 2021, which is available online. We also provide further details information related to our sustainability approach on our corporate website. Before 2011, sustainability-related issues were reported within our annual reports.

Reporting Period, Scope and Boundaries

This report covers the “Bursa Malaysia’s sustainability matters” across all our entities and operations in Malaysia from 1 January 2021 to 31 December 2021, unless otherwise stated.

This report is focused on our progress against the commitments we have made in our Sustainability Policy, as well as the objectives set out in our Sustainability Roadmap 2021-2023, which are based on the 13 Material Matters that we identified in 2020.

 For more information on our Materiality Assessment 2021, please turn to pages 82 to 83.

Forward-Looking Statements

This report contains forward-looking statements that are meant to provide our stakeholders with the opportunity to understand our opinions and plans in respect of the future. These statements should not be construed as absolute guarantees or predictions of Bursa Malaysia’s future outcomes. Readers are advised not to place undue reliance on them.

Reporting Guidelines, Standards and Frameworks

This report has been produced in compliance with the Bursa Malaysia Securities Berhad Main Market Listing Requirements and several international reporting guidelines, standards and frameworks, as follows:

Global Reporting Initiative (GRI)

This report has been prepared in accordance with the framework and guidance provided by the GRI Standards: Core option, as in previous years. This report also meets the GRI principles for defining report content, i.e.:

● Stakeholder Inclusiveness

Being responsive to stakeholder expectations and interests

● Sustainability Context


Presenting performance in the wider context of sustainability

● Materiality

Focusing on issues in which we can create the most impact, and which are of critical importance to our business and stakeholders

● Completeness

Including all information that is of significant economic, environmental and social impact to enable stakeholders to assess our performance

 For more information on the GRI Content Index, please turn to pages 93 to 100 of this report.


Sustainability Accounting Standards Board (SASB)

This is the first year that we have adopted the SASB reporting standards, which are industry-specific and focused in providing information that is likely to impact financial performance. Our disclosures are aligned with the SASB metrics specific to Security and Commodity Exchanges.

 For more information on the SASB Content Index, please turn to pages 101 to 102 of this report.


Task Force on Climate-related Financial Disclosures (TCFD)

Bursa Malaysia became an official supporter of the TCFD in 2018. This year, we embarked on an exercise to better align our processes and disclosures with the core elements of the TCFD recommendations. This is also one of the frameworks recommended in our Sustainability Reporting Guide.

 For more information on our progress in relation to the adoption of the TCFD recommendations, please turn to pages 43 to 46 of this report.

Sustainable Development Goals (SDGs)

The SDGs constitute the blueprint that was agreed upon by 193 United Nations (UN) member states to address the world’s most pressing issues by 2030, and they are the key to achieving a better and more sustainable future for all. We align our overall sustainability approach with the SDGs and focus our efforts on the areas where we can make the biggest contribution to sustainable development. This is also one of the frameworks recommended in our Sustainability Report Guide.


 For more information on how we have contributed to the SDGs, please turn to pages 91 to 92 of this report.

ABOUT THIS REPORT

World Federation of Exchanges (WFE) Sustainability Principles


The WFE is a global industry association for exchanges and clearing houses that was founded in 1961. In 2014, a Sustainability Working Group (SWG) was formed to address issues and exchange best practices related to environmental, social and governance (ESG) considerations among the member exchanges. In 2018, the WFE published a set of five WFE Sustainability Principles to guide member exchanges in leading and promoting the sustainable finance agenda.

As a member of the WFE SWG since 2015, we are committed to promoting the Principles.

 For more information on the WFE Sustainability Principles Content Index, please turn to page 103 of this report.


The Ten Principles of the UN Global Compact (UNGC)

The UNGC is the largest voluntary corporate sustainability initiative in the world and supports the adoption of sustainable and socially responsible policies in accordance with the Ten Principles, covering areas such as human rights, labour, the environment and anti-corruption. As a UNGC member since 2020, we are committed to incorporating the Ten Principles of the UNGC into our strategies and operations.

 For more information on the Ten Principles of the UNGC Content Index, please turn to page 104 of this report.

Sustainability-related Indices


To meet the evolving needs of our stakeholders, we constantly benchmark and assess our sustainability strategies and practices against relevant indices. We have been a constituent of the FTSE4Good Bursa Malaysia (F4GBM) Index since its launch in 2014 and the Bloomberg Gender-Equality Index (GEI) since 2020.

 For more information on our quantitative disclosures related to these two indices, please turn to pages 105 to 115 of this report.

Assurance

Internal Assurance: To ensure the accuracy and integrity of our disclosures, this report has been reviewed by Bursa Malaysia's Internal Audit team and has been approved by Bursa Malaysia's Audit Committee.

External Assurance: As part of our continuous efforts to enhance our sustainability reporting, we have appointed Carbon Trust Limited, an independent consultant on climate change, to provide limited assurance on selected indicators in this report.

 For more information on the subject matter and scope of assurance, please turn to pages 76 to 78 of this report.

Contact Us

We welcome the valuable feedback of our stakeholders as we continuously strive to better ourselves and contribute to a more sustainable future. Any comments and queries may be addressed to:

Emilia Tee Yoke Hoong

Director, Group Sustainability
11th Floor, Exchange Square
Bukit Kewangan, 50200 Kuala Lumpur, Malaysia


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MATERIALITY ASSESSMENT

Our Approach to Materiality

Our materiality approach represents a core component of our sustainability management process as it helps to align our strategies, performance management and reporting. We use materiality assessment to understand and prioritise the economic, social and environmental issues that matter most to our business and stakeholders (Material Matters).

Over the years, materiality has played a central role in informing the development of our Sustainability Roadmaps as well as the scope of our sustainability reports. We conduct a formal materiality assessment on an annual basis to ensure the Material Matters reflect evolving stakeholder priorities and our impact creation potential. We also align the materiality assessment exercise with our strategic planning cycle and carry out a comprehensive analysis every three years. This entails identifying a list of issues and prioritising them accordingly, forming a new and refreshed set of Material Matters.

Materiality Assessment 2021

In 2020, we undertook a comprehensive materiality assessment that resulted in 13 Material Matters. These 13 Material Matters were further grouped into five Priority Areas that shaped our strategic objectives and initiatives in the Sustainability Roadmap 2021-2023.

In view of the above, we carried out a simple online survey to validate the importance and relevancy of these 13 Material Matters in 2021. Our stakeholders rated all 13 Material Matters as important in the survey.

Strengthening Our Core

Economic Performance



This Material Matter relates to our impacts on the economic conditions of our stakeholders and the wider economy. It includes the economic value generated and distributed by Bursa Malaysia.

Market Integrity and Stability



This Material Matter relates to our efforts to maintain comprehensive and robust regulatory frameworks and market safeguards to govern our operations and relevant market participants in a fair, orderly and efficient manner.

Education and Capacity Building



This Material Matter relates to our efforts to raise standards among our public listed companies (PLCs) and market intermediaries, as well as our investor education efforts.

Cyber Security and Customer Privacy



This Material Matter relates to our efforts to protect and safeguard the confidentiality and integrity of information and transactions relating to our business, operations, customers, strategic partners and all third parties.

MATERIALITY ASSESSMENT

Driving Our Growth

Sustainable Finance



This Material Matter relates to our efforts to support sustainable development and the integration of sustainable and responsible principles into our marketplace. It includes promoting effective ESG disclosures and developing sustainability-focused investment products.

Innovation and Technology Excellence



This Material Matter relates to our innovation, technology, and digitalisation initiatives, aimed at unlocking new capabilities and solutions to increase the efficiency and effectiveness of our operations, and the creation of new products and services.

Protecting Our Environment

Climate Risks



This Material Matter relates to our efforts to identify climate-related risks and opportunities over the short, medium and long term that could be significant for Bursa Malaysia and the capital market.

Environmental Footprint



This Material Matter relates to our efforts to reduce the size of our business activities' environmental footprint. It includes managing our carbon emissions, energy consumption, and water usage and conducting recycling activities and other environmentally-friendly initiatives.

Empowering Our Workforce

Anti-Fraud, Bribery and Corruption



This Material Matter relates to our efforts to uphold high standards of integrity, governance and responsible business practices. It includes the development and implementation of policies, procedures and initiatives to build awareness on, and prevent, corruption within Bursa Malaysia.

Workplace Environment



This Material Matter relates to our efforts to create a positive workplace environment that reflects our values. It includes promoting diversity and inclusion, providing a safe work environment, upholding human rights and observing good labour practices.

Employee Engagement



This Material Matter relates to efforts to connect with our employees to create an engaged organisation. Employee engagement strategies are aimed at improving productivity, reducing employee turnover, attracting talent and helping improve personnel performance.

Learning and Development



This Material Matter relates to our education and training activities that enhance employees' knowledge, skills and competencies to improve work performance and support our employees' future growth.

Advancing Our Communities

Community Investment



This Material Matter relates to our community programmes, particularly focusing on the thematic areas of education, financial literacy and environmental protection.

STAKEHOLDER ENGAGEMENT

As an Exchange, we are accountable to a large group of stakeholders. We seek to be transparent in our decision-making processes to achieve long-term value creation. In addition, we place a significant emphasis on stakeholder engagement to ensure that our business practices are aligned with stakeholders' needs and expectations. Grouped into nine main categories, we maintain an ongoing dialogue with our stakeholders through various channels to obtain feedback and views on a wide range of market and business issues on a regular basis.

In 2021, we also engaged with various stakeholders on our Material Matters, the results of which were subsequently used, among others, to define the content of our Sustainability Report 2021 and refine our sustainability strategies, plans and initiatives.

The table below provides a summary of our engagements with key stakeholders in 2021.

Stakeholder Group	Engagement Method	Interests and Concerns	Our Response
PLCs or Potential PLCs (including advisers and secretarial firms that act on their behalf)	<ul style="list-style-type: none"> Meetings Public/industry consultations Focus group sessions/dialogues Engagements through emails, phone calls, surveys or other means Circulars/directives Communication notes Advocacy programmes and workshops Promotional roadshows and seminars Enquiries via Listing Advisory Portal BursaLINK Site visits Our websites 	<ul style="list-style-type: none"> Our market development initiatives, regulatory policies and proposed changes to the LR Initial Listing Applications – Initial Public Offerings (IPOs)/Reverse Take Overs (RTOs) Additional Listing Applications – Additional issues of securities/secondary fundraising Clarification and application of LR in areas such as transactions and other corporate proposals Issues/difficulties faced by PLCs arising from COVID-19/the Movement Control Orders (MCOs) and the relief measures provided Operational matters relating to the suitability of listing and the admission process Participants' safety concerns when attending education and advocacy programmes FTSE4Good Bursa Malaysia (F4GBM) Index and related indices Other matters (e.g. regularisation proposals for PLCs with poor financial conditions, complaints, CG concerns) Increasing awareness on the value of Shariah-compliant status among the PLCs to grow the number of Shariah-compliant PLCs 	<ul style="list-style-type: none"> Continued to adopt a robust consultative approach to ensure that our rules remained practical, relevant and proportionate Continued to provide advisory and timely support to PLCs on relevant enquiries Continued to engage and provide comprehensive guidance as well as targeted advocacy and educational programmes on key topics such as CG and sustainability, via virtual platforms Addressed the classification of Shariah-compliant status and how it benefits the PLCs and the investing community

STAKEHOLDER ENGAGEMENT

Stakeholder Group	Engagement Method	Interests and Concerns	Our Response
Investors	<ul style="list-style-type: none"> • Meetings • Public consultations • Focus group sessions/dialogues • Engagements through emails, phone calls, surveys or other means • Local and overseas conferences (e.g. Invest Malaysia), advocacy programmes and workshops • Promotional roadshows, seminars, workshops and webinars • Our various digital touchpoints (websites, mobile apps) • Social media platforms (e.g. Twitter, Facebook, Instagram) 	<ul style="list-style-type: none"> • Our market development initiatives and issues in the market ecosystem, including excessive speculation in our market • Our products and services, such as securities, derivatives and Islamic products • Performance (financial and non-financial) of PLCs • Interest in or demand for our proposed market initiatives and products • Our regulatory policies and rule changes • Financial literacy and investor education • Other matters (e.g. customer service and complaints) 	<ul style="list-style-type: none"> • Focused on boosting our market liquidity, velocity and trading flexibility through more facilitative market frameworks or ecosystems and building our listing pipeline and product offerings • Conducted real-time monitoring to ensure our market is orderly and fair • Continued to reach out to existing and new investors through seminars, workshops and roadshows, and also introduced various investor education programmes and initiatives • Continued to increase the number of constituents of the F4GBM Index to help investors to identify PLCs with strong CG and sustainability practices • Continued to enhance the quality of PLCs, including their CG and sustainability-related disclosures • Continued to adopt a robust consultative approach to ensure that our rules remained practical, relevant and proportionate • Established Bursa Academy to provide free learning resources for the capital market • Continued to enhance Bursa Anywhere to help depositors access and manage their CDS accounts remotely • Continued to enhance the content in BursaMKTPLC to furnish investors and traders with market knowledge, insights and trading ideas

STAKEHOLDER ENGAGEMENT

Stakeholder Group	Engagement Method	Interests and Concerns	Our Response
Intermediaries (including brokers, clearing participants, authorised direct members and authorised depository agents)	<ul style="list-style-type: none"> • Meetings/visits • Public/industry consultations • Focus group sessions/dialogues • Securities Market Operations Committee (SMOC) meeting, comprising members from the stockbroking industry/broking community • Engagements through emails, phone calls, surveys • Circulars/directives • Communication notes • Advocacy/education programmes and workshops • Promotional roadshows and seminars • Our websites • Bursa Malaysia Computer Emergency Response Team (BM-CERT) 	<ul style="list-style-type: none"> • Our market development initiatives, regulatory policies and proposed rule changes (e.g. trading systems and business rules) • Our product development and offerings • Clarification of obligations or application of the business rules • Modification or waiver of business rules • Operational matters or concerns relating to participant conduct, trading, supervision and market surveillance • Education/training/advocacy/awareness campaigns • Enhancement to risk management practices of clearing houses • Industry-wide business continuity testing to assess the readiness of Bursa Malaysia and market participants to resume operations • Default drill exercises to test default management procedures and brokers' readiness. • Other matters (e.g. complaints, feedback) 	<ul style="list-style-type: none"> • Ensured operational aspects of the industry were implemented smoothly and in a timely manner by providing flexibility and support, especially in light of the various movement control orders • Resolved matters raised promptly to meet stakeholders' expectations • Issued consultation papers and undertook other formal and informal consultations on proposed new rules, products and services and moved towards less prescriptive forms of regulation • Facilitated market development in order to address industry issues such as the perception of over-regulation and market efficiency • Conducted advocacy, engagement and assistance to elevate compliance and improve intermediaries' understanding of matters pertaining to participants' obligations, front-office supervision, trading, business conduct and cyber security • Continued to raise awareness on topics relating to market operations by organising and holding webinars

STAKEHOLDER ENGAGEMENT

Stakeholder Group	Engagement Method	Interests and Concerns	Our Response
Regulators and Government Agencies	<ul style="list-style-type: none"> Briefings, engagements and consultative sessions Meetings/discussions Jointly organised events/working groups such as BRIDGe Reports regarding capital market developments or compliance with statutory obligations (e.g. Annual Regulatory Report) Participation in various government-related committees or working groups (e.g. Securities Commission Malaysia (SC) Corporate Governance Council, Joint Committee on Climate Change (JC3), Corporate Integrity System Malaysia (CISM) Roundtable, National Special Committee on Corporate Governance and Economic Action Council) 	<ul style="list-style-type: none"> Economic and investment landscape and policies in Malaysia Market development initiatives, products, services and regulatory framework governing the Malaysian capital market (e.g. proposed rule changes and appropriate relief measures to be accorded to market intermediaries in light of the COVID-19 pandemic and the MCOs as well as the setting up of a voluntary carbon market) Our product development and offerings Status updates on supervision and surveillance of capital market trading activities and conduct of PLCs Quality of PLCs' CG and sustainability practices and reporting Compliance with our statutory duties and obligations Tax and incentives affecting the capital market and market participants Interpretation of laws/legislation/guidelines 	<ul style="list-style-type: none"> Continued to engage closely with the regulators and the Malaysian government on our market management measures, potential market developments and regulatory initiatives to ensure continued growth, vibrancy and competitiveness of the capital market and help spur economic recovery as well as transition to a low-carbon economy Executed supervision, market monitoring and pre-emptive measures in an efficient manner, with timely reporting Collaborated with the regulators and the Malaysian government to roll out CG and sustainability initiatives and events for the capital market Continued to keep the relevant regulators apprised of our latest products/services prior to implementation/launch

STAKEHOLDER ENGAGEMENT

Stakeholder Group	Engagement Method	Interests and Concerns	Our Response
Employees	<ul style="list-style-type: none"> Meetings and several town hall sessions (held virtually) with feedback sessions Training and engagement sessions on various topics (e.g. cyber security and social engineering tests) MY1818 Bursa@Work emails Other employee engagements Activities (e.g. festive celebrations) Employee Engagement Module (EEM) 	<ul style="list-style-type: none"> Our performance and growth strategies Training and development Performance evaluation and management Staff remuneration and benefits Employee safety, health and well-being, especially concerns related to the pandemic Ethics and sustainability 	<ul style="list-style-type: none"> Provided updates on Bursa Malaysia's business performance, growth strategies and changes in policies and procedures Offered various training programmes to ensure employees' learning needs were addressed, and that they were well-equipped to perform their jobs Strengthened performance management framework to ensure we continued to attract and retain talent Provided guidance and support to business units to carry out their sustainability and community programmes Promoted a safe work environment, provided regular updates to create awareness of the COVID-19 situation implemented split office operations arrangements
Bursa Malaysia's Shareholders and Analysts	<ul style="list-style-type: none"> Annual Reports Annual General Meetings Half-yearly analyst and media briefings Meetings Circulars Our websites 	<ul style="list-style-type: none"> Financial performance Strategies for growth Operating landscape Costs Dividend policy Share schemes Sustainability strategy Governance and leadership 	<ul style="list-style-type: none"> Reviewed and developed holistic corporate growth strategies Remained vigilant and prudent in corporate expenditure Ongoing benchmarking and evaluation to ensure we remained competitive Adhered to governance processes and regulatory/reporting requirements





STAKEHOLDER ENGAGEMENT

Stakeholder Group	Engagement Method	Interests and Concerns	Our Response
Industry Associations, Professional Bodies and Industry Experts	<ul style="list-style-type: none"> • Meetings • Public consultations • Focus group sessions/dialogues • Engagements through emails, phone calls • Joint committees/task forces with the industry (e.g. SMOC) • Collaborations to promote Initial IPOs through seminars and promotional events • Collaborations with Islamic finance industry partners to organise Shariah Investing events • Appointment of consultants with Islamic finance expertise 	<ul style="list-style-type: none"> • Interest in and demand for our proposed market development initiatives and products • Our regulatory policies and rule changes • Quality of PLCs' CG and sustainability practices and disclosures • Collaborations on events and initiatives (including promotion of Shariah equity market and Shariah investing) • Increased number of investment talks and seminars conducted by individuals who might not be licensed to provide investment advice via social media platforms • Consultation on Islamic product development 	<ul style="list-style-type: none"> • Continued engagement on our market development initiatives or market issues and regulatory framework, including liberalisation to ensure continued growth, vibrancy and competitiveness of the capital market • Continued to offer guidance and training to PLCs on CG and sustainability practices and disclosures • Continued to raise awareness on topics relating to market operations by organising and holding webinars • Continued to monitor forums, public chat groups, blogs and other trending social media platforms for possible 'pump and dump' activities, and where such activities were identified, they were escalated to the SC, which maintains a page on its website detailing the names of unlicensed individuals/entities • Continued to leverage education and awareness tools, including publishing an explainer video on trading as an informed investor, in which one of the measures encouraged was to obtain information from reliable sources • Continued to work with brokers, encouraging them to take a more active role in advising their clients on informed investing through their Dealers' Representatives (DRs) network • Raised awareness on topics relating to the Shariah equity market and Shariah investing • Assurance of Shariah compliance in product and service development
Vendors /Suppliers	<ul style="list-style-type: none"> • Meetings/presentations • Engagements through emails/ • Phone calls • Communication through tender notice/RFP/RFQ • Site visits • Our websites • Tender briefings 	<ul style="list-style-type: none"> • Application as our registered vendor • Vendors' declaration of compliance with our relevant policies and codes • Proposals from vendors not matching our requirements. • Proposals from vendors not meeting our specifications • Ensuring best value for Bursa Malaysia 	<ul style="list-style-type: none"> • Enhanced vendor registration process via online vendor registration portal • Procured declaration of compliance by vendors via the online vendor registration portal • Held vendor briefings to ensure that vendors understood our requirements before submission • Engaged vendors in order to normalise vendors' proposals to ensure fair competition • Negotiated with vendors to ensure best value




STAKEHOLDER ENGAGEMENT

Stakeholder Group	Engagement Method	Interests and Concerns	Our Response
Community Groups (including non-profit organisations (NGOs) which are beneficiaries of our community initiatives)	<ul style="list-style-type: none"> • Meetings • Engagements via phone calls, emails/letters • Our websites • Trainings/webinars 	<ul style="list-style-type: none"> • Requests for assistance from the healthcare sector and NGOs helping the B40 community during the COVID-19 pandemic • Challenges in executing projects due to disruptions caused by COVID-19 • Timely fund disbursement • Progress and impact of community programmes (e.g. Yayasan Bursa Malaysia (YBM) scholarships) • Collaborations on events and initiatives 	<ul style="list-style-type: none"> • Adjusted timelines and targets where necessary in light of COVID-19 • Established SOPs to guide beneficiaries on grant disbursement procedures and reporting, among others. • Provided assistance to selected hospitals and communities via NGOs for pandemic related relief measures and disaster response

SDGs IN ACTION 2021

SDG	SDG Targets	Progress & Achievements in 2021	Page
	1.5: By 2030, build the resilience of the poor and those in vulnerable situations and reduce their exposure and vulnerability to climate-related extreme events and other economic, social and environmental shocks and disasters	<ul style="list-style-type: none"> Provided assistance to communities disproportionately affected by the COVID-19 pandemic 	71-74
	4.3: By 2030, ensure equal access for all women and men to affordable and quality technical, vocational and tertiary education, including university	<ul style="list-style-type: none"> Awarded scholarships to five students from B40 communities to pursue undergraduate courses at local universities 	71
	4.4: By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship	<ul style="list-style-type: none"> Supported arts programmes for at-risk youths, covering teacher and staff salaries as well as art materials for online and face-to-face after-school classes for 50 B40 youths from PPR Kota Damansara and Kg. Orang Asli Bukit Lanjan 	73
		<ul style="list-style-type: none"> Supported the IDEAS Autism Centre (IAC) by providing financial assistance to IAC students from underprivileged backgrounds 	74
	4.6: By 2030, ensure that all youth and a substantial portion of adults, both women and men, achieve literacy and numeracy	<ul style="list-style-type: none"> Organised the Bursa Young Investors National Quiz Competition in conjunction with the Ring the Bell for Financial Literacy initiative 	24
	5.5: Ensure women's full and effective participation and equal opportunities for leadership at all levels of decision-making in political, economic and public life	<ul style="list-style-type: none"> Organised various investor education programmes for members of the public 	19-22
		<ul style="list-style-type: none"> The Bursa Academy platform attracted 186,406 visitors 	21
		<ul style="list-style-type: none"> Conducted various advocacy programmes on corporate governance and sustainability 	32-34
	8.3: Promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage the formalisation and growth of micro-, small- and medium-sized enterprises, including through access to financial services	<ul style="list-style-type: none"> BURSASUSTAIN website attracted almost 72% more visitors in 2021 	21
		<ul style="list-style-type: none"> Organised the 'Equality For Equity' Campaign to close the gender investing gap in conjunction with International Women's Day and the Ring the Bell for Gender Equality initiative 	20
		<ul style="list-style-type: none"> Included in Bloomberg Gender-Equality Index 2021 	58
		<ul style="list-style-type: none"> Established a Diversity, Equity and Inclusion Policy to ensure that the organisation is steered by a diverse group of employees in terms of age, ethnicity and gender 	58
		<ul style="list-style-type: none"> The LEAP Market had 12 newly listed small- and medium-sized enterprises, an increase of 71% from the previous year 	31

SDGs IN ACTION 2021

SDG	SDG Targets	Progress & Achievements in 2021	Page
	10.1: By 2030, progressively achieve and sustain income growth of the bottom 40 per cent of the population at a higher rate than the national average	<ul style="list-style-type: none"> The number of cooperatives trading on Bursa Suq Al-Sila' (BSAS) grew to 101 Supported the development and upskilling of B40 communities in producing self-published children's books 	31 72
	10.5 Improve the regulation and monitoring of global financial markets and institutions and strengthen the implementation of such regulations	<ul style="list-style-type: none"> Enhanced our supervisory approach to remain progressive and dynamic and updated the compliance guidelines and Listing Requirements 	15-16
	12.3: By 2030, halve per capita global food waste at the retail and consumer levels and reduce food losses along production and supply chains, including post-harvest losses	<ul style="list-style-type: none"> Collected 1,675 kg of food from six participating corporates through our re.Food initiative 	70
	12.5: By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse	<ul style="list-style-type: none"> Recycled 17,350 kg of paper and 1,264 kg of fabric-based items 	110
	12.6: Encourage companies, especially large and transnational companies, to adopt sustainable practices and to integrate sustainability information into their reporting cycle	<ul style="list-style-type: none"> Conducted various advocacy programmes in the areas of corporate governance and sustainability Undertook annual sustainability disclosure reviews and provided feedback to PLCs to facilitate improvements in quality of ESG disclosures 	18, 33 18, 33
	13.3: Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning	<ul style="list-style-type: none"> Organised climate change thematic workshops for PLCs 	33
	16.5: Substantially reduce corruption and bribery in all their forms	<ul style="list-style-type: none"> Performed quarterly assessments across the organisation to detect potential corruption risks and found no new material or significant corruption risks Organised fraud risk management workshops 	56 18
	17.17: Encourage and promote effective public, public-private and civil society partnerships, building on the experience and resourcing strategies of partnerships, data monitoring and accountability	<ul style="list-style-type: none"> Partnered with the United Nations Global Compact Network Malaysia & Brunei to launch the Corporate Sustainability Practitioner Competency Framework and Digital Self-Assessment Tool Participated in various working groups and committees to advance the sustainability agenda of the capital market 	34 35

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GRI Content Index

GRI Standard	Disclosure	Pages or Comments	
General Disclosures			
GRI 102: General Disclosures 2016	Organisation Profile		
	102-1	Name of the organisation	SR 2021: Front Cover
	102-2	Activities, brands, products and services	Website: https://www.bursamalaysia.com/trade/our_products_services/equities/shares
	102-3	Location of headquarters	Kuala Lumpur, Malaysia
	102-4	Location of operations	Malaysia
	102-5	Ownership and legal form	IAR 2021: Who Govern Us; pages 84-93 IAR 2021: Who Oversees Our Regulatory Function; pages 94-95 IAR 2021: Corporate Structure; page 99 IAR 2021: Statistics of Shareholdings; pages 134-146 IAR 2021: Investment in Subsidiaries; pages 201-203
	102-6	Markets served	IAR 2021: Who We Are; pages 5-7
	102-7	Scale of the organisation	IAR 2021: Who We Are; pages 5-7 IAR 2021: Our Performance; page 14 IAR 2021: Statement of Financial Position; pages 161-162 IAR 2021: Statement of Cash Flow; pages 165-166
	102-8	Information on employees and other workers	SR 2021: Pages 106-109
	102-9	Supply chain	SR 2021: Page 14
	102-10	Significant changes to the organisation and its supply chain	SR 2021: Page 14
	102-11	Precautionary Principle or approach	SR 2021: Page 47
	102-12	External initiatives	SR 2021: Pages 6, 9, 13, 15, 16, 18-24, 29-36, 39-41, 70-75
	102-13	Membership of associations	We hold memberships in various international and local organisations, including in those with a focus on sustainability. These enable us to remain up-to-date on the latest developments relevant to our industry. Our memberships include: Asian and Oceanian Stock Exchanges Federation (AOSEF), Asia-Pacific Central Securities Depository Group (ACG), Association of National Numbering Agencies (ANNA), Futures Industry Association (FIA), International Organisation of Securities Commissions (IOSCO), The Organisation of Islamic Cooperation (OIC), Exchanges Forum (OIC Exchanges Forum), Sustainable Stock Exchanges (SSE) Initiative, World Federation of Exchanges (WFE), World Islamic Economic Forum (WIFE), Intermarket Surveillance Group (ISG) and The Islamic Financial Services Board (IFSB)
	Strategy		
102-14	Statement from senior decision-maker	SR 2021: Pages 3-5	
102-15	Key impacts, risks and opportunities	SR 2021: Pages 82-90 IAR 2021: Key Risks and Opportunities; pages 45-47	

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GRI Content Index

GRI Standard	Disclosure	Pages or Comments
General Disclosures		
GRI 102: General Disclosures 2016	Ethics and Integrity	
	102-16	Values, principles, standards & norms of behaviour SR 2021: Pages 8, 55 IAR 2021: Statement of Internal Control & Risk Management; pages 117-125
	102-17	Mechanisms for advice and concerns about ethics SR 2021: Pages 54-55 Website: https://www.bursamalaysia.com/about_bursa/about_us/corporate_governance/whistleblower_policy_and_procedure Website: https://www.bursamalaysia.com/contact_us
Governance		
	102-18	Governance structure SR 2021: Page 8 IAR 2021: Our Approach to Sustainability - Sustainability Governance; page 9 IAR 2021: Who Govern Us; pages 85-94 IAR 2021: Who Oversees Our Regulatory Function; pages 95-96 IAR 2021: Corporate Governance Overview; pages 101-110 Website: https://www.bursamalaysia.com/about_bursa/about_us/corporate_governance/governance_model
Stakeholder Engagement		
	102-40	List of stakeholder groups SR 2021: Pages 84-90 IAR 2021: Our Stakeholders; page 44 Website: https://www.bursamalaysia.com/about_bursa/sustainability/approach_on_materiality_and_stakeholder_engagement
	102-41	Collective bargaining agreements SR 2021: Page 57
	102-42	Identifying and selecting stakeholders SR 2021: Page 84
	102-43	Approach to stakeholder engagement SR 2021: Pages 84-90
	102-44	Key topics and concerns raised SR 2021: Pages 84-90
Reporting Practice		
	102-45	Entities included in the consolidated financial statements IAR 2021: Corporate Structure; page 99 IAR 2021: Notes to Financial Statements - Subsidiaries and basis of consolidation; pages 168-169
	102-46	Defining report content and topic boundaries SR 2021; Pages 7, 80-84
	102-47	List of material topics SR 2021; Pages 7, 82-83
	102-48	Restatements of information SR 2021: Pages 30, 67, 71, 105, 108, 109, 112
	102-49	Changes in reporting SR 2021: Pages 80-81

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GRI Content Index

GRI Standard	Disclosure	Pages or Comments	
General Disclosures			
GRI 102: General Disclosures 2016	102-50	Reporting period	SR 2021: Page 80
	102-51	Date of most recent report	SR 2021: Page 80 Bursa Malaysia's previous report was published in 2021 and covered our operations for the year ending December 31, 2020.
	102-52	Reporting cycle	SR 2021: Page 80
	102-53	Contact point for questions regarding the report	SR 2021: Page 81
	102-54	Claims of reporting in accordance with the GRI Standards	SR 2021: Page 80
	102-55	GRI Content Index	SR 2021: Pages 93-100
	102-56	External assurance	SR 2021: Pages 76-78, 81 The data included in this report has undergone a rigorous review as part of the internal assurance process conducted by our internal audit team and reviewed by Bursa Malaysia's Audit Committee. The objective of this approach is to ensure accuracy and integrity of the data disclosed. Carbon Trust was commissioned by Bursa Malaysia to provide an independent, limited level of assurance on the following selected information: Scope 1 emissions: Company fleet, diesel and refrigerants Scope 2 emissions: Purchased electricity Scope 3 emissions: Business travel, employees' commute (including homeworking), waste generated in operations

Topic-Specific Disclosures: Material Matters

Strengthening Our Core

Economic Performance

GRI 103: Management Approach 2016	103-1	Explanation of the material topic and its Boundary	SR 2021: Pages 13, 82
	103-2	The management approach and its components	SR 2021: Page 13
	103-3	Evaluation of the management approach	IAR 2021: Our Value Creation Model; pages 10-13 IAR 2021: Our Performance; page 14 IAR 2021: Our Investment Case; page 15 IAR 2021: Overall Market Performance; pages 16-17 IAR 2021: Market Highlights; pages 18-19 IAR 2021: Chairman's Statement; pages 28-31 IAR 2021: CEO's Review; pages 32-36

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GRI Content Index

GRI Standard	Disclosure	Pages or Comments
General Disclosures		
Topic-Specific Disclosures: Material Matters		
Strengthening Our Core		
Economic Performance		
GRI 201:	201-1	Direct economic value generated and distributed
Economic Performance 2016	201-2	Financial implications and other risks and opportunities due to climate change
		SR 2021: Page 14
		SR 2021: Pages 43-46
		IAR 2021: Our Operating Context; page 43
Market Integrity and Stability		
GRI 103:	103-1	Explanation of the material topic and its Boundary
Management Approach 2016	103-2	The management approach and its components
	103-3	Evaluation of the management approach
		SR 2021: Pages 15, 82
		SR 2021: Page 15
		IAR 2021: Marketplace Report; 111-116
		SR 2021: Pages 15-16
		IAR 2021: Chairman's Statement; pages 28-31
		IAR 2021: CEO's Review; pages 32-36
		IAR 2021: Marketplace Report; 111-116
Education and Capacity Building		
GRI 103:	103-1	Explanation of the material topic and its Boundary
Management Approach 2016	103-2	The management approach and its components
	103-3	Evaluation of the management approach
		SR 2021: Pages 17, 82
		SR 2021: Page 17
		SR 2021: Pages 3-5, 18-24
		IAR 2021: CEO's Review; pages 32-36
G4 Sector Disclosures: Financial Services	Former FS16	Initiatives to enhance financial literacy by type of beneficiary
		SR 2021: Pages 18-24, 71
Cyber Security and Customer Privacy		
GRI 103:	103-1	Explanation of the material topic and its Boundary
Management Approach 2016	103-2	The management approach and its components
	103-3	Evaluation of the management approach
		SR 2021: Pages 25, 82
		SR 2021: Page 25
		SR 2021: Page 26
		IAR 2021: Management Discussion and Analysis; page 78
GRI 418:	418-1	Substantiated complaints concerning breaches of customer privacy and losses of customer data
Customer Privacy 2016		
		SR 2021: Pages 26, 102

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GRI Content Index

GRI Standard	Disclosure	Pages or Comments
General Disclosures		
Topic-Specific Disclosures: Material Matters		
Driving Our Growth		
Sustainable Finance		
GRI 103: Management Approach 2016	103-1	Explanation of the material topic and its Boundary
	103-2	The management approach and its components
	103-3	Evaluation of the management approach
		SR 2021: Pages 28, 83
		SR 2021: Pages 28-29, 32, 35
		SR 2021: Pages 3-5, 29-34, 36
		IAR 2021: Chairman's Statement; pages 28-31
		IAR 2021: CEO's Review; pages 32-36
Innovation and Technology Excellence		
GRI 103: Management Approach 2016	103-1	Explanation of the material topic and its Boundary
	103-2	The management approach and its components
	103-3	Evaluation of the management approach
		SR 2021: Pages 38, 83
		SR 2021: Page 38
		SR 2021: Pages 38-41
		IAR 2021: CEO's Review; pages 32-36
		IAR 2021: Management Discussion and Analysis; page 79
Protecting Our Environment		
Climate Risks		
GRI 103: Management Approach 2016	103-1	Explanation of the material topic and its Boundary
	103-2	The management approach and its components
	103-3	Evaluation of the management approach
		SR 2021: Pages 43, 83
		SR 2021: Page 43
		SR 2021: Pages 3-5, 43-46
		IAR 2021: Our Operating Context; page 43
		IAR 2021: Chairman's Statement; pages 28-31
		IAR 2021: CEO's Review; pages 32-36
Environmental Footprint		
GRI 103: Management Approach 2016	103-1	Explanation of the material topic and its Boundary
	103-2	The management approach and its components
	103-3	Evaluation of the management approach
		SR 2021: Pages 47, 83
		SR 2021: Page 47
		SR 2021: Pages 3-5, 47-52
		IAR 2021: Chairman's Statement; pages 28-31
		IAR 2021: CEO's Review; pages 32-36
GRI 302: Energy 2016	302-1	Energy consumption within the organisation
	302-2	Energy consumption outside the organisation
	302-3	Energy Intensity
	302-4	Reduction of energy consumption
GRI 303: Water and Effluents 2018	303-3	Water withdrawal
		SR 2021: Pages 49, 114
		none
		SR 2021: Pages 49, 114
		SR 2021: Pages 49, 114
		SR 2021: Page 114

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GRI Content Index

GRI Standard	Disclosure	Pages or Comments	
General Disclosures			
Topic-Specific Disclosures: Material Matters			
GRI 305: Emissions 2016	305-1	Direct (Scope 1) GHG emissions	SR 2021: Pages 49, 113
	305-2	Energy Indirect (Scope 2) GHG emissions	SR 2021: Pages 49, 113
	305-3	Other indirect (Scope 3) GHG emissions	SR 2021: Pages 49, 113
	305-4	GHG emissions intensity	SR 2021: Page 113
	305-5	Reduction of GHG emissions	SR 2021: Pages 49, 113
GRI 306: Effluents and Waste 2016	306-2	Waste by type and disposal method	SR 2021: Page 114
GRI 307: Environmental Compliance 2016	307-1	Non-compliance with environmental laws and regulations	SR 2021: Page 52
Empowering Our Workforce			
Anti-Fraud, Bribery and Corruption			
GRI 103: Management Approach 2016	103-1	Explanation of the material topic and its Boundary	SR 2021: Pages 54, 83
	103-2	The management approach and its components	SR 2021: Pages 54-55
	103-3	Evaluation of the management approach	SR 2021: Page 56
GRI 205: Anti-Corruption 2016	205-1	Operations assessed for risks related to corruption	SR 2021: Pages 54-55 IAR 2021: Corporate Governance Overview; pages 104-105, 109 IAR 2021: Statement of Internal Control and Risk Management; pages 124-125
	205-2	Communication and training about anti-corruption policies and procedures	We provided annual training to our Board of Directors on Anti-Fraud, Bribery and Corruption. SR 2021: page 56
	205-3	Confirmed incidents of corruption and actions taken	There were no incidents in 2021 where contracts with business partners were terminated or not renewed due to violations related to fraud, bribery or corruption. In addition, there have been no legal cases related to fraud, bribery or corruption brought against us, nor have there been such incidents or confirmed incidents in which employees were dismissed or disciplined for fraud, bribery or corruption.
Workplace Environment			
GRI 103: Management Approach 2016	103-1	Explanation of the material topic and its Boundary	SR 2021: Pages 57, 83
	103-2	The management approach and its components	SR 2021: Pages 57, 59-60
	103-3	Evaluation of the management approach	SR 2021: Pages 3-5, 58, 61-62
GRI 401: Employment 2016	401-1	New employee hires and employee turnover	SR 2021: Pages 58, 108-109
	401-3	Parental leave	SR 2021: Page 108

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GRI Content Index

GRI Standard	Disclosure	Pages or Comments	
General Disclosures			
Topic-Specific Disclosures: Material Matters			
Empowering Our Workforce			
Workplace Environment			
GRI 403: Occupational Health and Safety 2018	403-1	Hazard identification, risk assessment and incident investigation	SR 2021: Page 60
	403-2	Occupational health services	SR 2021: Pages 59- 60
	403-3	Worker participation, consultation and communication on occupational health and safety	SR 2021: Pages 59- 60
	403-4	Worker training on occupational health and safety	SR 2021: Pages 61-62
	403-5	Promotion of worker health	SR 2021: Pages 61-62
	403-6	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	SR 2021: Pages 61-62
	403-7	Workers covered by an occupational health and safety management system	All our employees are covered
	403-8	Workers covered by an occupational health and safety management system	All our employees are covered.
GRI 405: Diversity and Equal Opportunity 2016	405-1	Diversity of governance bodies and employees	SR 2021: Pages 106-110
	405-2	Ratio of basic salary and remuneration of women to men	SR 2021: Page 58
GRI 406: Non-Discrimination 2016	406-1	Incidents of discrimination and corrective actions taken	There were no material issues of non-compliance or grievances raised with respect to our employment or labour practices in 2021.
GRI 407: Freedom of Association and Collective Bargaining 2016	407-1	Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk	As per our Sustainability Policy, we aim to respect internationally recognised human rights as relevant to our business and operations and continuing to uphold the freedom of association and the effective recognition of the right to collective bargaining as stipulated under the International Labour Organisation conventions. For more information, refer to: https://www.bursamalaysia.com/sites/5d809dcf39fba22790cad230/assets/606ed59939fba21d39f9a57a/Sustainability_Policy__clean_-_Amended_08042020.pdf

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GRI Content Index

GRI Standard	Disclosure	Pages or Comments
General Disclosures		
Topic-Specific Disclosures: Material Matters		
Empowering Our Workforce (cont'd)		
Employee Engagement		
GRI 103: Management Approach 2016	103-1	Explanation of the material topic and its Boundary
	103-2	The management approach and its components
	103-3	Evaluation of the management approach
		SR 2021: Pages 63, 83
		SR 2021: Page 63
		SR 2021: Pages 63-65
Learning and Development		
GRI 103: Management Approach 2016	103-1	Explanation of the material topic and its Boundary
	103-2	The management approach and its components
	103-3	Evaluation of the management approach
		SR 2021: Pages 66, 83
		SR 2021: Page 66
		SR 2021: Pages 66-67
GRI 404: Training and Education 2016	404-1	Average hours of training per year per employee
	404-2	Programs for upgrading employee skills and transition assistance programs
		SR 2021: Page 67
		SR 2021: Page 67
Advancing Our Communities		
Community Investment		
GRI 103: Management Approach 2016	103-1	Explanation of the material topic and its Boundary
	103-2	The management approach and its components
	103-3	Evaluation of the management approach
		SR 2021: Pages 69, 83
		SR 2021: Page 69
		SR 2021: Pages 5, 70-75

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SASB Content Index

Security and Commodity Exchanges Standard

Table 1: Sustainability Disclosure Topics and Accounting Metrics

Topic	Accounting Metric	Category	Code	Response						
Promoting Transparent and Efficient Capital Markets	(1) Number and (2) average duration of (a) halts related to public release of information and (b) pauses related to volatility	Quantitative	FN-EX-410a.1	<p>For the year 2021, we did NOT suspend any counters/stocks due to or related to volatility or erratic trading.</p> <table border="1"> <thead> <tr> <th></th> <th>Number</th> <th>Average Duration</th> </tr> </thead> <tbody> <tr> <td>Halts</td> <td>265</td> <td>1 hour</td> </tr> </tbody> </table>		Number	Average Duration	Halts	265	1 hour
		Number	Average Duration							
	Halts	265	1 hour							
	Percentage of trades generated from automated trading systems	Quantitative	FN-EX-410a.2	Algorithmic trading constituted 5.5% of traded volume.						
Description of alert policy regarding timing and nature of public release of information	Discussion and Analysis	FN-EX-410a.3	<p>The Exchange may, at any time, halt the trading of any listed securities upon the listed issuer releasing a material announcement paragraph 16.04 read together with Practice Note 20 of the Main Market Listing Requirements.</p> <p>The listed issuer may also request that trading in its listed securities be suspended if it requires time to prepare and release an announcement relating to material transaction or if the listed issuer intends to make a material announcement or hold a press conference to make the material announcement paragraph 16.03 read together with Practice Note 2 of the Main Market Listing Requirements.</p>							
Description of policy to encourage or require listed companies to publicly disclose environmental, social and governance (ESG) information	Discussion and Analysis	FN-EX-410a.4	Listed issuers are required to provide a narrative statement of their management of material economic, environmental and social risks and opportunities (a Sustainability Statement) in the annual report paragraph 29, Appendix 9C of the Main Market Listing Requirements. This was introduced in 2015 and took effect on a staggered basis.							
Managing Conflicts of Interest	Total amount of monetary losses as a result of legal proceedings associated with fraud, insider trading, anti-trust, anti-competitive behavior, market manipulation, malpractice, or other related financial industry laws or regulations laws or regulations.	Quantitative	FN-EX-510a.1	As of 31 December 2021, there were no monetary losses as a result of legal proceedings associated with fraud, insider trading, anti-trust, anti-competitive behaviour, market manipulation, malpractice or other related financial laws or regulations.						
	Discussion of processes for identifying and assessing conflicts of interest	Discussion and Analysis	FN-EX-510a.2	<p>Bursa Malaysia has zero tolerance for any conduct that constitutes a wrongdoing or malpractice, which may include any breach of ethics as described in the Code of Ethics (COE) or conflict of interest and/or any fraudulent act as may be described in the Anti-Fraud, Bribery and Corruption (AFBC) Policy and Guidelines. To this end, Bursa Malaysia has in place the WPP for its employees to facilitate the exposure of any violations or improper conduct or wrongdoing within the Group.</p> <p>Bursa Malaysia has in place Guidelines for Handling Conflict of Interest, which are guided by these four principles:</p> <ul style="list-style-type: none"> To act in the public and national interest, having particular regard to the need for the protection of investors, and to ensure that where their own interest or any interest that it is required to serve under any law relating to corporations conflicts with public interest, the latter shall prevail; Function/Business Units within Bursa Malaysia Group shall not seek to influence supervisory or regulatory decisions. Employees in commercial units who may be called upon at times (albeit very infrequently) to make business decisions that may have an impact on regulatory decisions are advised to declare such a conflict and seek their superior's guidance in dealing with the conflict of interest. All regulatory decisions in relation to the Relevant Parties (including applicants) must be fair and consistent and must not be influenced by any commercial or competitive relationship with any Relevant Party (including applicants); and Regulatory or supervisory functions may be reviewed for greater effectiveness and efficiency but not relaxed or lessened merely to decrease cost or increase revenue. 						

CONTENT INDEXES

SASB Content Index (cont'd)


Topic	Accounting Metric	Category	Code	Response
Managing Business Continuity and Technology Risks	(1) Number of significant market disruptions and (2) duration of downtime	Quantitative	FN-EX-410a.1	There were no significant market disruptions of any of the trading platforms in 2021. However, there were three disruptions of our clearing systems, all of which were rectified within the prescribed recovery time objective (RTO) in accordance with the Principles for Financial Market Infrastructures (PFMI) requirement.
	(1) Number of data breaches, (2) percentage involving personally identifiable information (PII), (3) number of customers affected	Quantitative	FN-EX-410a.2	There have been no data breaches in 2021.
	Description of efforts to prevent technology errors, security breaches, and market disruptions	Discussion and Analysis	FN-EX-550a.3	<p>Efforts taken to detect and to prevent technology errors and security breaches in order to minimise market disruptions included:</p> <ul style="list-style-type: none"> • Obtaining recertification audits of all critical services to ensure adequate and appropriate information security measures were implemented to meet the ISO 27001:2013 requirements • Consistent monitoring and tracking of cyber security health • Conducting internal and external security assessments to identify gaps and necessary improvements • Improving our security posture through enhanced monitoring and network, application and end-point protection • Performing technology refreshes for some of the critical infrastructure and the main data centre to achieve better availability, security and performance <p> For more information on our approach and initiatives taken to strengthen our cyber security systems and safeguard data privacy, please turn to pages 25 to 26 of this report.</p>

Table 2: Activity Metrics

Activity Metric	Category	Code	Response																
Average daily number of trades executed, by product or asset class	Quantitative	FN-EX-000.A	<table border="1"> <thead> <tr> <th>Product/Asset Class</th> <th>Average Number of Trades</th> </tr> </thead> <tbody> <tr> <td>Ordinary (Mother Stock, Rights, Warrants & Preference)</td> <td>412,746</td> </tr> <tr> <td>Real Estate Investment Trusts</td> <td>2,182</td> </tr> <tr> <td>Structured Warrants</td> <td>7,121</td> </tr> <tr> <td>Exchange Traded Funds</td> <td>66</td> </tr> <tr> <td>Exchange Traded Bonds and Sukuk</td> <td>1</td> </tr> <tr> <td>Loan Stocks</td> <td>197</td> </tr> <tr> <td>Total</td> <td>422,313</td> </tr> </tbody> </table>	Product/Asset Class	Average Number of Trades	Ordinary (Mother Stock, Rights, Warrants & Preference)	412,746	Real Estate Investment Trusts	2,182	Structured Warrants	7,121	Exchange Traded Funds	66	Exchange Traded Bonds and Sukuk	1	Loan Stocks	197	Total	422,313
			Product/Asset Class	Average Number of Trades															
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Loan Stocks	197																		
Total	422,313																		
Average daily volume traded, by product or asset class	Quantitative	FN-EX-000.B	<table border="1"> <thead> <tr> <th>Product/Asset Class</th> <th>Average Traded Volume (RM mil)</th> </tr> </thead> <tbody> <tr> <td>Ordinary (Mother Stock, Rights, Warrants & Preference)</td> <td>5,494</td> </tr> <tr> <td>Real Estate Investment Trusts</td> <td>9</td> </tr> <tr> <td>Structured Warrants</td> <td>335</td> </tr> <tr> <td>Exchange Traded Funds</td> <td>1</td> </tr> <tr> <td>Exchange Traded Bonds and Sukuk</td> <td>0</td> </tr> <tr> <td>Loan Stocks</td> <td>12</td> </tr> <tr> <td>Total</td> <td>5,851</td> </tr> </tbody> </table>	Product/Asset Class	Average Traded Volume (RM mil)	Ordinary (Mother Stock, Rights, Warrants & Preference)	5,494	Real Estate Investment Trusts	9	Structured Warrants	335	Exchange Traded Funds	1	Exchange Traded Bonds and Sukuk	0	Loan Stocks	12	Total	5,851
			Product/Asset Class	Average Traded Volume (RM mil)															
Ordinary (Mother Stock, Rights, Warrants & Preference)	5,494																		
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Loan Stocks	12																		
Total	5,851																		

CONTENT INDEXES

World Federation of Exchanges (WFE) Sustainability Principles Content Index

Principle	Pages or Comments
Principle 1:	
Exchanges will work to educate participants in the exchange ecosystem about the importance of sustainability issues	18, 21, 32-34
Principle 2:	
Exchanges will promote the enhanced availability of investor-relevant, decision-useful ESG information	28-30, 32-33
Principle 3:	
Exchanges will actively engage with stakeholders to advance the sustainable finance agenda	29-30, 34-36
Principle 4:	
Exchanges will provide markets and products that support the scaling-up of sustainable finance and reorientation of financial flows	28-31
Principle 5:	
Exchanges will establish effective internal governance and operational processes and policies to support their sustainability efforts	7-8, 82-90

CONTENT INDEXES

The Ten Principles of The Global Compact Content Index

Principle	Pages or Comments
Human Rights	
Principle 1: Businesses should support and respect the protection of internationally proclaimed human rights; and	Sustainability Policy: Page 4
Principle 2: Make sure that they are not complicit in human rights abuses.	Sustainability Policy: Page 5
a	
Principle 3: Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining;	Sustainability Policy: Page 4 SR 2021: Page 57
Principle 4: The elimination of all forms of forced and compulsory labour;	Sustainability Policy: Page 4
Principle 5: The effective abolition of child labour; and	Sustainability Policy: Page 4
Principle 6: The elimination of discrimination in respect of employment and occupation.	Sustainability Policy: Page 4 Vendor Code of Conduct: Page 3 SR 2021: Pages 57-58
Environment	
Principle 7: Businesses should support a precautionary approach to environmental challenges;	SR2021: Page 47
Principle 8: Undertake initiatives to promote greater environmental responsibility; and	Sustainability Policy: Page 4 SR 2021: Pages 42-52
Principle 9: Encourage the development and diffusion of environmentally friendly technologies.	Sustainability Policy: Page 4 Vendor Code of Conduct, Page 3 SR 2021: Pages 49-50
Anti-Corruption	
Principle 10: Businesses should work against corruption in all its forms, including extortion and bribery.	Sustainability Policy: Pages 3-5 Vendor Code of Conduct: Page 2 SR 2021: Pages 18, 54-56 IAR 2021: Pages 109, 123-125

PERFORMANCE DATA TABLE

	2018	2019	2020	2021
Financial Transparency and Quality of PLCs				
Submissions of financial information received on time	99.1%	99.2%	98.7%	99.6%
Number of PLCs with a deviation of more than 10% between the unaudited and audited results based on fiscal year-end	13 ¹	17 ¹	9 ²	6 ³
Total queries on media reports (% of media queries over general announcements received)	28 (0.1%)	13 (0.1%)	50 (0.2%)	31 (0.1%)
Total queries on corporate announcements (% of queries on announcements over general announcements received)	99 (0.4%)	111 (0.5%)	196 (0.8%)	188 (0.7%)
Number of financially distressed PLCs (% of affected PLCs over total PLCs)	24 (2.6%)	26 (2.8%)	25 (2.7%)	23 (2.4%)

Notes:

- 1) Figures for 2018 and 2019 have been updated to 13 and 17 respectively, from 12 and 16 as reported in SR2020, due to the late filing of annual report by one PLC, that took place in 2021.
- 2) The figure has been updated to 9 from 6 as reported in SR2020 after taking into account the submission of annual reports with FYE 30 Sep 2020, 31 Oct 2020, 30 Nov 2020 and 31 Dec 2020.
- 3) Based on submission of annual reports for financial year 2021 as at 31 December 2021 (i.e. the latest annual report(s) being the annual report(s) for FYE 31 August 2021)

PERFORMANCE DATA TABLE

Workplace Diversity

2018

2019

2020

2021

*Note: Senior Management - CEO, Senior Directors, Directors, Senior Executive Vice Presidents and Executive Vice Presidents;
Middle Management - Senior Vice Presidents, Vice Presidents, Assistant Vice Presidents, Senior Managers and Managers;
Executive - Senior Executives, Executives and Junior Executives*

Employee Breakdown by Gender				
Male	307	308	304	313
Female	282	292	288	284
Total	589	600	592	597

Employee Breakdown by Gender and Management Categories				
Senior Management - Male	13	14	15	22
Senior Management - Female	15	16	12	16
Middle Management - Male	155	159	156	161
Middle Management - Female	162	177	177	175
Executive - Male	78	78	73	68
Executive - Female	89	86	88	82
Non-Executive - Male	61	57	60	62
Non-Executive - Female	16	13	11	11

Employee Breakdown by Age and Management Categories				
Senior Management - <30	0	0	0	0
Senior Management - 30-50	16	13	11	15
Senior Management - >50	12	17	16	23
Middle Management - <30	5	10	7	10
Middle Management - 30-50	252	251	251	248
Middle Management - >50	60	75	75	78
Executive - <30	48	48	45	40
Executive - 30-50	81	72	69	63
Executive - >50	38	44	47	47
Non-Executive - <30	0	0	1	5
Non-Executive - 30-50	49	44	46	37
Non-Executive - >50	28	26	24	31

PERFORMANCE DATA TABLE

Workplace Diversity	2018	2019	2020	2021
Employee Breakdown by Ethnicity and Management Categories				
Senior Management - Malay/Bumiputera	15	13	11	16
Senior Management - Chinese	10	12	10	16
Senior Management - Indian	3	4	5	4
Senior Management - Other	0	1	1	2
Middle Management - Malay/Bumiputera	141	156	146	148
Middle Management - Chinese	139	145	149	153
Middle Management - Indian	32	30	32	32
Middle Management - Other	5	5	6	3
Executive - Malay/Bumiputera	125	124	121	113
Executive - Chinese	23	20	19	19
Executive - Indian	17	18	19	16
Executive - Other	2	2	2	2
Non-Executive - Malay/Bumiputera	74	66	67	68
Non-Executive - Chinese	1	1	1	1
Non-Executive - Indian	2	3	3	4
Non-Executive - Other	0	0	0	0
Employee Breakdown by Employment Contract				
<i>Note: Fixed-Term Employment Contract: Full-time employment of a fixed-term duration for senior management and above; Contract: Full-time employment of a shorter duration/period</i>				
Permanent	559	566	559	555
Contract	30	34	33	42
Employee Breakdown by Nationality				
Malaysian	587	597	588	593
Non-Malaysian	2	3	4	4

PERFORMANCE DATA TABLE

Workplace Diversity	2018	2019	2020	2021
Employees Promoted by Gender				
Total Number				
Male	-	29	18	34
Female	-	28	22	42
Percentage*				
Male	-	9.4%	6.0%	10.7%**
Female	-	9.9%	7.6%	14.7%**

Note:

* Percentage of employees promoted by gender is calculated by dividing the number of employees as who were promoted by the total number of employees during the annual promotion cycle

** The total number of employees as at 1 July 2021 was 593, which consisted of 308 male and 285 female employees.

Gender Pay Ratio				
Male	-	1	1	1
Female	-	1	1	1

Employees Returning to Work in the Reporting Period After Parental Leave Ended, by Gender				
Total Number				
Male	-	15	8*	8
Female	-	8*	10*	3
Percentage				
Male	-	100%	100%	100%
Female	-	100%	100%	100%

Note:

* Figures for 2019 and 2020 have been restated as a correction of an error.

PERFORMANCE DATA TABLE

Workplace Diversity	2018	2019	2020	2021
Total Number of New Employee Hires				
By Gender				
Male	27	37	21	46
Female	39	50	25	18
By Age				
<30	21	25	13	18
30-50	44	56	27	43
>50	1	6	6	2
Total Number of Employee Turnovers				
By Gender				
Male	26	36	24	37
Female	22	40	30	22
By Age				
<30	8	13	4	7
30-50	32	51	28	30
>50	8	12	22	22
Differently-Abled Employees				
No. of differently-abled employees	2	2	1	1
Employees in the National Union of Commercial Workers (NUCW)				
No. of employees in the NUCW	48	42	43	42
Percentage of employees in the NUCW	8.1%*	7.0%	7.3%	7.0%

Note:

* Figure has been restated as a correction of an error.

PERFORMANCE DATA TABLE

Board Diversity	2018	2019	2020	2021*
By Gender				
Total Number				
Male	7	5	7	7
Female	3	5	4	3
Percentage				
Male	70%	50%	64%	70%
Female	30%	50%	36%	30%
By Age				
Total Number				
46-50	0	0	1	1
51-55	2	1	0	1
56-60	3	5	7	5
61-65	1	1	0	0
66-70	4	3	3	2
71 and above	0	0	0	1
Percentage				
46-50	0%	0%	9%	10%
51-55	20%	10%	0%	10%
56-60	30%	50%	64%	50%
61-65	10%	10%	0%	0%
66-70	40%	30%	27%	20%
71 and above	0%	0%	0%	10%

Note:

* 2021 data as at 1 Jan 2022

PERFORMANCE DATA TABLE

Board Diversity	2018	2019	2020	2021*
By Ethnicity				
Total Number				
Malay/Bumiputera	5	3	4	5
Chinese	3	2	2	1
Indian	1	3	3	2
Others	1	2	2	2
Percentage				
Malay/Bumiputera	50%	30%	36%	50%
Chinese	30%	20%	18%	10%
Indian	10%	30%	27%	20%
Others	10%	20%	18%	20%
By Nationality				
Total Number				
Malaysian	9	9	10	9
Non-Malaysian	1	1	1	1
Percentage				
Malaysian	90%	90%	91%	90%
Non-Malaysian	10%	10%	9%	10%

Note:

* 2021 data as at 1 Jan 2022

PERFORMANCE DATA TABLE

Learning and Development	2018	2019	2020	2021
Total Training Hours	21,916	19,737	20,517	20,380
Total Training Hours - By Gender				
Male	11,081	9,688	9,866	9,009
Female	10,835	10,049	10,650	11,371
Average Training Hours - By Gender				
Male	36.1	28.9	32.1	26.6
Female	38.4	31.0	35.2	37.3
Total Training Hours By Employee Category				
Senior Management	863	899	575	1290
Middle Management	12,502	10,150	12,237	12,517
Executive	6,215	5,889	6,413	5,406
Non-Executive	2,336	2,799	1,292	1,167
Average Training Hours By Employee Category				
Senior Management	30.5	28.1	21.3	34.9
Middle Management	39.4	27.4	35.1	33.5
Executive	37.2	32.0	37.7	33.4
Non-Executive	30.3	38.3	19.3	16.4
Total Amount Invested in Employee Learning and Development (RM)	1,091,597	1,318,048	1,371,826	1,487,630

Note:

Figures for 2019 and 2020 have been restated as a correction of an error.

PERFORMANCE DATA TABLE

Emissions	2018	2019	2020	2021
GHG Emissions (tCO ₂ e)				
Scope 1	30.10	32.76	5.13	113.23
Scope 2	6,381.85	6,230.20	6,308.66	5,950.56
Scope 3	-	63.68	3.45	1,523.89
Total	6,411.95	6,326.64	6,317.25	7,587.69

Notes:

- 1) We have expanded our GHG emissions inventory in 2021 to include additional emission sources that were previously not factored
- 2) Scope 1 emissions for 2021 includes emissions from owned transport, fuel combustion and fugitive emissions.
- 3) Scope 3 emissions for 2021 includes employee commuting, homeworking, waste disposal, business travel, paper consumption and water consumption
- 4) See Bursa Malaysia Sustainability Report 2021 for further details on calculation approach and key assumptions
- 5) Our carbon emissions data for 2021 have been verified by Carbon Trust. Emissions data for water consumption and paper consumption not included in scope of verification by Carbon Trust due to partial reporting of Scope 3 Purchase Goods & Services emissions.

Carbon Emissions Intensity				
Scope 2 (tCO ₂ e/m ²)	0.16	0.16	0.16	0.15
Scope 3 (tCO ₂ e/FTE)	-	0.11	0.01	2.55

Note:

- 1) We have used the self-occupied area as the measurement of floor space for Scope 2 emissions
- 2) FTE refers to Full Time Employee

Carbon Emissions - Bursa Bull Charge (kgCO ₂ e)				
Scope 1	160.1	13.9	-	-
Scope 2	55.9	3,698.6	-	-
Scope 3	2,855.2	2,426.4	-	-

Note:

No BBC in 2020 and 2021 due to the Covid-19 pandemic.

PERFORMANCE DATA TABLE

Energy	2018	2019	2020	2021
Energy Consumption				
Total electricity consumption (MWh)	9,196	8,977	9,090	8,990
Energy Intensity (MWh/m ²)	0.23	0.22	0.23	0.23

Notes:

- 1) Data on energy consumption include all buildings owned by Bursa Malaysia – Main Building, Annexe and Disaster Recovery Site
- 2) Our electricity data does not include consumption by our tenants
- 3) We have included only the self-occupied areas as the measurement of floor space
- 4) Energy intensity was calculated by dividing total energy consumption with the self-occupied area

Water	2018	2019	2020	2021
Municipal water supply (m ³)	39,785	39,808	40,371	28,609
Groundwater extracted (m ³)	-	93,441	292,949	598,215
Total Water Consumption (m ³)	39,785	133,249	333,320	626,824

Note:

We installed a meter to monitor our groundwater usage in 2019. We have been utilising groundwater extracted from a stream located near our Head Office since 2011 as non-potable water used for toilet flushing and in cooling towers.

Waste	2018	2019	2020	2021
Hazardous Waste (kg)	455	580	608	247
Non-hazardous Waste (kg)				
General Waste (sent to landfill)	575,405	581,940	552,410	364,632
Paper (sent for recycling)	4,478	5,145	7,170	6,590
Total Waste (kg)	580,338	587,665	560,188	371,222

Notes:

- 1) Non-hazardous waste are disposed in a landfill at Bukit Tagar through the Taman Lembah Beringin Transfer Station in Kuala Lumpur via our appointed collector. The hazardous waste is disposed in an environmentally responsible way according to relevant government legislations through a licensed operator.
- 2) Well-labelled paper recycling bins are provided throughout our office to encourage employees to recycle paper. In 2020, we carried out a spring-cleaning exercise which has led to an increase in the amount of shredded paper and carton boxes.

PERFORMANCE DATA TABLE

Others	2018	2019	2020	2021
Fabric-based items recycled (kg)	-	21,070	2,522	1,264
Number of Electric Vehicle (EV) Charging Stations	-	2	2	5

Notes:

- 1) In 2019, we placed a fabric bank at our office premise to collect fabric-based items for recycling. We were not able to carry out donation drives in 2020 and 2021 due to the Covid-19 pandemic.
- 2) We have restated fabric-based items recycled for the year 2019 to reflect the final validated amount.
- 3) We installed EV charging stations at our office to demonstrate our commitment to environmentally friendly solutions and support the transition towards clean, emission free vehicles. 3 additional EV charging stations were installed in 2021 at Basement 3A of our main building parking.

BURSA MALAYSIA CARBON EMISSION REPORTING METHODOLOGY

We report our greenhouse gas emissions (GHG) according to the GHG Protocol Corporate Standard. Our GHG emission inventory includes all business activities under our financial and operational control. We use the financial consolidation approach.

	Type	Approach	Emission Factors and Resources Used
Scope 1	Owned Transport	This covers emissions from vehicles owned by Bursa Malaysia. Emissions are calculated using fuel consumption data.	UK Government GHG Conversion Factors for Company Reporting 2021
	Fuel Combustion	This covers emissions generated from the use of genset at our office. Emissions are calculated using fuel consumption data.	UK Government GHG Conversion Factors for Company Reporting 2021
	Fugitive Emissions	This covers refrigerants that leak from air conditioning equipment. Emissions are estimated by calculating amount of refrigerants used to 'top-up' throughout the year.	UK Government GHG Conversion Factors for Company Reporting 2021
Scope 2	Purchased Electricity	This covers emissions generated from electricity purchased from grid. Emissions are calculated using electricity consumption data. We used market-based emissions factor to calculate.	International Energy Agency (IEA) Emission Factors 2021
Scope 3	Employee Commuting	This covers emissions generated by employees traveling to and from work. We conducted a survey among employees in 2021 requesting information on mode of travel and distance travelled each day to estimate the commuting emissions for the entire workforce. We have included well-to-tank (WTT) emissions.	UK Government GHG Conversion Factors for Company Reporting 2021
	Homeworking	This covers emissions generated from use of laptop, lighting and air-conditioning at home during working hours. We calibrated data with employee commuting to ensure no double counting of emissions. We used market-based emissions factor to calculate.	Homeworking Emissions Whitepaper published by LLOYDS Banking Group and NatWest Group and IEA Emission Factors 2021
	Waste Disposal	This covers emissions generated from hazardous waste, general waste and wastewater treatment. For hazardous and general waste types, emission factors used included collection, transportation and landfill emissions ('gate to grave').	UK Government GHG Conversion Factors for Company Reporting 2021
	Business Travel	This covers emissions generated from employee travel (i.e. land and airline) for work-related purposes. We have included well-to-tank (WTT) emissions.	UK Government GHG Conversion Factors for Company Reporting 2021
	Paper Consumption	This covers Bursa Malaysia's direct paper consumption. Emissions from paper consumption refer to emissions associated with primary processing, manufacturing and transportation to the point of sale.	UK Government GHG Conversion Factors for Company Reporting 2021
	Water Consumption	This covers emissions associated with water delivered through the supply network to our office.	UK Government GHG Conversion Factors for Company Reporting 2021

LIST OF EVENTS/INITIATIVES

The table below is a list of events and initiatives that our representatives participated and contributed to the conversations and discussions surrounding sustainability. The list is not meant to be exhaustive but highlights broad sustainability thematic areas which we contributed to.

Theme	List of Events/Initiatives	Date	Speaker
Corporate Governance & Reporting	How to drive sustainability in the face of profitability and growth	18-Nov	CEO
Climate Change	GO ESG Corporate Sustainable Virtual Summit 2021: The Time To Act Is Now!	24-Nov	CEO
	Malaysia Climate Action Week: How Climate Governance is Shaping Corporations Around The World	26-Oct	Chairman
	Carbon Trust Road to Net Zero: Asia	20-Oct	CEO
	CPA Virtual Congress 2021: ESG	7-Oct	CEO
	CAN First Anniversary Media Event/ Collective Commitments Panel	23-Sep	CEO
	Climate Change & ESG Conference: Accountants -Champions of the Climate Change & Sustainability 2 September 2021	2-Sep	Chairman
	The Joint Committee on Climate Change (JC3) Flagship Conference	23-Jun	Chairman Julian Hashim (Chief Regulatory Officer)
	Peranan Malaysia Menangani Perubahan Iklim Chairman	22-Apr	Chairman
ESG & Shariah Convergence	RHB Thematic Conference: When Shariah Meets ESG	2-Nov	CEO
	Principal 2021 APAC Investment Summit: The ethical investment demand: Connecting the dots between ESG and Islamic principles	22-Sep	Chairman
ESG & Islamic Banking & Finance/Islamic Capital Market	IFN Asia Forum 2021	6-Dec	CEO
	Kuala Lumpur Islamic Finance Forum (KLIFF) 2021	9-10 Mar	Chairman CEO
	Islamic Capital Market Summit (ICMS) 2021	7-Dec	CEO
Gender Equality	Women Leadership Foundation Mentorship & Sponsorship Programme Launch, 12 October 2021, 10am-11.20am	12-Oct	Chairman
Green Economy	SME SDG Festive	8-Nov	Wong Chiun Chiek (Bursa Data Business)
Sustainability Adoption	Sustainable Development Goals Webinar by: Economic Planning Unit and Amanah Lestari Alam. Theme: Prosperity, Inclusivity, and Sustainability: The Nexus	10-Nov	Chairman
	MPRC and Bursa Malaysia on OGSE Sustainability Forum	2-Sep	Dr. Yeoh Ken Kyid (Regulation)
Sustainability Governance & Compliance	Bursa-Fide Forum Dialogue on Sustainability	2-Nov	CEO
	The CIMB Cooler Earth Sustainability Summit 2021: Stakeholder Demands and Implications for Seekers of Capital	23-Sep	CEO
Sustainable Financing	Sustainable Exchange Development Series (SEEDS)	30-Nov	Krishnavanee Krishnan (Corporate Strategy)
	Securities Commission Sustainable Finance Week, High-Level Panel: How Malaysia has developed an Equity Market that Emphasizes Sustainability	3-Nov	Chairman
	ICDM Members Day: Session on ESG	21-Sep	Wong Chiun Chiek (Bursa Data Business)
	Johor CEOs Sustainability Virtual Roundtable	25-Aug	Wong Chiun Chiek (Bursa Data Business)
	Corporate Sector Response: The Economic and Financial Landscape with ESG: Challenges and Opportunities.	16-Aug	Chairman
	SRI2021 Conference: Paving the Way for Profitability Through Sustainability	17-Jun	CEO Julian Hashim (Chief Regulatory Officer)
	Ibrahim Sani's Notepad: Finance for Change	11-Jun	Chairman
	HSBC Corporate ReINVENT Webinar: Unlocking Future Opportunities	4-May	Chairman
Sustainable Investing	Series 2: SRI Integration into Investment Decision Making	28-Jun	CEO
	RHB ESG Forum 2021: Envisioning A Better Future	22-Jun	CEO
	ICAEW: Thought Leadership Series, Topic: ESG in Malaysia: Priority or Fad?	4-Jun	CEO
	Webinar: ESG in the New Normal: A Corporation's Lens	17-Mar	CEO
	Sustainable and Responsible Investment Series 2021	4-Feb	Chairman
Sustainable Palm Oil	Oil Conference: Indonesia Palm Oil Outlook and Progress of Indonesia Sustainability Palm Oil (ISPO)	10-Sep	Ryan Long (Bursa Malaysia Derivatives)
Sustainable Reporting	MIA International Accountants Conference 2021 Topic: Standardising Sustainability Reporting – Accountants Take the Lead"	9-Jun	CEO

ABBREVIATION

AFBC P&G	Anti-Fraud, Bribery and Corruption Policy and Guidelines
BMD	Bursa Malaysia Derivatives Berhad
BSAS	Bursa Suq Al-Sila'
CAN	CEO Action Network
CDS	Central Depository System
CG	Corporate Governance
CSP	Corporate Sustainability Practitioner
CSR	Corporate Social Responsibility
DEI	Diversity, Equity and Inclusion
DLT	Distributed Ledger Technology
ESG	Environmental, Social and Governance
ETF	Exchange-Traded Fund
F4GBM Index	FTSE4Good Bursa Malaysia Index
F4GBMS Index	FTSE4Good Bursa Malaysia Shariah Index
FBMKLCI	FTSE Bursa Malaysia KLCI
GHG	Greenhouse Gas
IAR	Integrated Annual Report
IOSCO	International Organisation of Securities Commissions
IPO	Initial Public Offering
JC3	Joint Committee on Climate Change
MC	Management Committee
MCCG	Malaysian Code on Corporate Governance
MCO	Movement Control Order
MOU	Memorandum of Understanding
MSPO	Malaysian Sustainable Palm Oil
MSWG	Minority Shareholders Watch Group

PFMI	Principles for Financial Market Infrastructure
PLC	Public Listed Company
PoC	Proof-of-concept
SASB	Sustainability Accounting Standards Board
SC	Securities Commission Malaysia
SDC	Sustainable and Development Committee
SDR	Sustainability Disclosure Review
SME	Small and Medium Enterprise
SOP	Standard Operating Procedure
SR	Sustainability Report
SRI	Sustainable and Responsible Investment
SME	Small and Medium Enterprise
SSE	Sustainable Stock Exchanges
SW	Structured Warrant
TCFD	Task Force on Climate-related Financial Disclosure
VCM	Voluntary Carbon Market
WFE	World Federation of Exchanges
YBM	Yayasan Bursa Malaysia

GLOSSARY

A

ACE Market

The ACE Market is a sponsor-driven market designed for companies with growth or business prospects. It replaced the formerly known MESDAQ (Malaysian Exchange of Securities Dealing and Automated Quotation) Market in 2009.

B

Bursa Anywhere

A mobile application for retail investors to access a wide range of Central Depository System (CDS) account services and conduct permitted CDS transactions electronically through their personal gadget with no physical forms.

Bursa Malaysia-i

A fully integrated Islamic securities exchange platform with a comprehensive range of Shariah-compliant exchange-related facilities including listing, trading, clearing, settlement and depository services.

BursaMKTPLC

An online portal that provides investors and traders with the information they need to conduct analysis, investing and trading.

Bursa Suq Al-Sila' (BSAS)

A Shariah-compliant commodity Murabahah trading platform dedicated to facilitate Islamic liquidity management and financing by Islamic Financial Institutions (IFI). BSAS is a world's first platform that aims to provide industry players with a regulated framework with defined codes of conduct governing commodity trade in support of Islamic interbank placement, client deposit taking, financing, profit rate swap and cross currency swap, as well as sukuk issuances using the concept of Murabahah and Tawarruq. It undertakes contracts in various currencies to facilitate cross-border trades between IFIs and commodity players worldwide.

BURSASUSTAIN

A one-stop repository of information on corporate governance, sustainability and responsible investment.

C

Central Depository System (CDS)

The CDS is a system that is fully owned and operated by Bursa Malaysia Depository Sdn Bhd (formerly known as Malaysian Central Depository Sdn Bhd), a wholly owned subsidiary of Bursa Malaysia.

Investors can use the CDS to transfer securities from one CDS account to another, provided the transfers are within the reasons approved by Bursa Malaysia Depository Sdn Bhd. Other transactions that depositors can perform via the CDS include registration of bank account information, updating of account particulars, reactivation of dormant CDS account, reactivation of inactive CDS account, deposit of share certificate, withdrawal of shares of delisted company and closing of CDS account.

Clearing Participant (CP)

A participant as defined in the Capital Markets and Services Act 2007, in relation to the relevant clearing house of Bursa Malaysia.

Coronavirus Disease (COVID-19)

Coronavirus disease (COVID-19) is a mild to severe respiratory disease that is caused by a newly discovered coronavirus strain. It is transmitted chiefly by contact with infectious material such as respiratory droplets or with objects or surfaces contaminated by the causative virus, and is characterised by fever, cough, and shortness of breath, among others, and may progress to pneumonia and respiratory failure.

GLOSSARY

D

Derivatives

A derivative is a contract whose value derives from and is dependent on the value, delivery or payment obligations are derived from or referenced to one or more underlying assets, such as commodities, securities, indices or any of its combination. Derivative products available on Bursa Malaysia Derivatives include equity, interest rate, bond, agricultural (crude palm oil and palm kernel oil) and metal (gold and tin).

E

Equities

An instrument that signifies an ownership position, or equity, in a corporation, and represents a claim on its proportionate share in the corporation's assets and profits. A person holding such an ownership in the company does not enjoy the highest claim on the company's earnings. Instead, an equity holder's claim is subordinated to a creditor's claims, and the equity holder will only enjoy distributions from earnings after these higher priority claims are satisfied.

Exchange Traded Fund (ETF)

An open-ended investment fund listed and traded on a stock exchange. ETF combines the features of an index fund and a stock. The liquidity of an ETF reflects the liquidity of the underlying basket of shares. Generally, there are three types of ETFs: equity ETFs, fixed income ETFs and commodity ETFs. These ETFs consist of baskets of stocks, bonds or commodities based on an index which instantly offers broad diversification and avert the risk involved in owning stocks of a single company. With units in an ETF, investors can gain exposure to a geographical region, market, industry or sector, commodity such as gold or oil or even a specific investment style such as growth or value.

F

FTSE4Good Bursa Malaysia (F4GBM) Index

F4GBM Index measures the Environmental, Social and Governance (ESG) performance of public listed companies (PLCs) and was launched in December 2014. The constituents are drawn from companies on the FTSE Bursa Malaysia Emas Index and are reviewed every June and December against international benchmarks developed in collaboration with FTSE Russell.

FTSE4Good Bursa Malaysia Shariah (F4GBMS) Index

F4GBMS Index is the ESG themed index designed to track constituents in the F4GBM Index that are Shariah-compliant, according to the Securities Commission Malaysia Shariah Advisory Council screening methodology.

G

Global Reporting Initiative (GRI) Standards

The GRI standards are the first global standards for sustainability. They feature a modular, interrelated structure, and represent the global best practice for reporting on a range of economic, environmental and social impacts.

I

Integrated Reporting Framework

The International Integrated Reporting Council's Integrated Reporting (<IR>) Framework was designed to improve disclosure of financial and non-financial performance, while enhancing the way organisations articulate and report on value creation. The <IR> Framework was issued in 2013. Revisions to the <IR> Framework were published in January 2021.

Intraday Short Selling (IDSS)

Under the IDSS framework, investors are able to sell securities first and buy the securities later within the trading day itself. IDSS can be carried out on a selected list of eligible securities.

Initial Public Offering (IPO)

An IPO refers to the process of offering the shares and/or securities of an unlisted entity to the public on a recognised stock exchange for the first time. The shares and/or securities then become publicly listed and traded.

GLOSSARY

L

Leading Entrepreneur Accelerator Platform (LEAP) Market

The LEAP Market is an alternative market for SMEs and companies to raise funds. It brings together potential SMEs and companies, intermediaries and sophisticated investors onto a single platform to create a conducive marketplace for fundraising.

Listing Requirements (LR)

The respective requirements which govern the admission and post listing obligations of an issuer listed on the Main Market, ACE Market or LEAP Market of the Exchange.

M

Material Matters

Material Matters refer to matters that are of most importance to Bursa Malaysia, based on our significant economic, environmental, and social impacts and which substantively influence the assessments and decisions of our key stakeholders. They are also determined based on how they impact or are impacted by our value creation activities.

Main Market

The Main Market is a prime market for listing by established companies that have achieved certain minimum profit track record or size. It is also a platform to list other capital market products which includes debt securities, exchange-traded funds, REITs and structured warrants.

Murabahah

An Islamic financing structure. Murabahah refers to a sale contract with a disclosure of the asset cost price and profit margin to the buyer.

Movement Control Order (MCO)

A cordon sanitaire implemented as a preventive measure by the federal government of Malaysia in response to the COVID-19 pandemic in the country.

O

On-Market Transactions (OMT)

OMT is a transaction that is concluded by way of automated matching of orders entered into the order book maintained in the Automated Trading System or an On-Market Married Transaction.

P

Participating Organisation (PO)

A company that carries on the business of trading in securities on the Exchange's stock market and is admitted as a Participating Organisation under Rules of Bursa Malaysia Securities.

Islamic PO is a PO which conducts its stockbroking business in accordance with Shariah principles whether on a full-fledged basis or 'window' basis.

Primary Market

A part of the capital market that deals with issuance of new securities for the first time.

Public Listed Company (PLC)

A public company or corporation listed on the Exchange.

GLOSSARY

R

Real Estate Investment Trust (REIT)

A REIT is a unit trust scheme that invests or proposes to invest primarily in income-generating real estate.

S

Scope 1 Emission

Direct emissions from owned or controlled sources.

Scope 2 Emission

Indirect emissions from the generation of purchased energy.

Scope 3 Emission

All indirect emissions (not included in scope 2) that occur in the value chain of the reporting company, including both upstream and downstream emissions.

Secondary Market

The public market on which securities, once issued, are traded.

Structured Warrants

Structured warrants are proprietary instruments issued by a third-party issuer, namely an eligible broker or financial institution that give holders the right, but not the obligation, to buy or sell the underlying instrument in the future for a fixed price. Essentially, one makes a 'reservation' to buy or sell a pre-determined number of the underlying instrument at a certain price in the future when investing in a structured warrant. Structured warrants can be issued over an underlying asset such as equity, ETF, index or a basket of stocks.

Sustainable and Responsible Investment (SRI)

SRI is an approach to investing that aims to incorporate ESG factors into investment decisions, to better manage risk and generate sustainable, long-term returns.

Sustainable Development Goals (SDGs)

The United Nations (UN) SDGs are the blueprint to achieve a better and more sustainable future for all. They address the global challenges we face, including those related to poverty, inequality, climate, environmental degradation, prosperity as well as peace and justice.

Sustainability Reporting Framework

The Sustainability Reporting Framework (Framework) comprises of the LRs pertaining to sustainability disclosure where PLCs are required to provide a narrative statement on the management of material economic, environmental and social risks and opportunities in their Annual Reports. The Framework also includes a comprehensive Sustainability Reporting Guide and six Toolkits to aid PLCs in embedding and reporting on sustainability practices.

Sustainable Stock Exchanges (SSE) Initiative

The SSE Initiative is a peer-to-peer learning platform for exchanges, in collaboration with investors, regulators, and companies, to explore how corporate transparency and performance on ESG issues can be enhanced and to further encourage the uptake of sustainable investment. The SSE is a project of the UN, co-organised by the UN Conference on Trade and Development, the UN Global Compact, the UN Environment Programme Finance Initiative and the UN-supported Principles for Responsible Investment.

T

Task Force on Climate-related Financial Disclosures (TCFD)

The TCFD seeks to develop recommendations for voluntary climate-related financial disclosures that are consistent, comparable, reliable, clear, and efficient, and provide decision-useful information to lenders, insurers, and investors.

GLOSSARY

Tawarruq

An Islamic financing structure. A Tawarruq involves purchasing a commodity on a deferred price either in the form of Murabahah or Musawamah, later selling it to a third party with the objective of obtaining cash.

Trading Participant

A company that carries on the business of dealing in derivatives on the Exchange and is admitted as a Trading Participant under Rules of Bursa Malaysia Derivatives.

W

Warrants

Warrants are issued by a company and give the holder the right, but not an obligation, to subscribe for new ordinary shares at a specified price during a specified period of time. Warrants have a maturity date (up to 10 years) after which they expire and are worthless unless the holder exercises the right to subscribe for the new shares before the maturity date.

The World Federation of Exchanges (WFE)

Established in 1961, the WFE is the global industry association for exchanges and clearing houses. Headquartered in London, it represents over 250 market infrastructure providers, including standalone central counterparty (CCP) clearers that are not part of exchange groups.

Z

Zakat

Zakat is an obligation in Islam to make contributions towards the less fortunate. It is one of the five pillars of Islam and it is a systematic form of redistribution of income towards social justice and better income equality between the rich and the poor section of the community as well as to cleanse the wealth of those who pay zakat.

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