



Dear colleagues and partners,

I am pleased to share the Building and Construction Authority's Annual Report FY19/20 with you.

Against the backdrop of the unprecedented COVID-19 pandemic, we have been working closely with our sector's Trade Associations and Chambers and other government agencies, to facilitate a quick and safe restart for the sector, following the 2-month Circuit Breaker. Our partners from the public, private and people sector have been invaluable to BCA in these efforts.

The theme of "Persevering Together to BuildSG" for this year's report reflects the need for a more collaborative and resilient built environment sector to manage the new demands of COVID-19. As we work on our mission to transform the built environment sector and shape a liveable and smart built environment for Singapore, pushing for digitalisation and greater adoption of DfMA will continue to be a priority, with a focus on raising the skills and professionalism of our people working in the sector. We must also continue to innovate and grow as one united sector by forging stronger partnerships and learning together to leverage one another's capabilities and strengths.

I wish everyone good health and success in emerging stronger from this crisis, as we continue to BuildSG together.

Hugh Lim
Chief Executive Officer,
Building and Construction Authority

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2019-2020 HIGHLIGHTS

CONSTRUCTING A WORLD-CLASS SUSTAINABLE BUILT ENVIRONMENT

- Introduced new Periodic Façade Inspection Regime to facilitate early detection of façade deterioration in older buildings
- Strengthened upstream regulatory oversight for lifts and escalators to reduce the likelihood of deficiencies in design or installation
- Enhanced the guide for Design for Maintainability to aid architects and the facilities management industry to apply best design practices for different building typologies
- Introduced mandatory requirements for buildings to provide basic accessibility features when they undergo addition & alteration works and revised the Code on Accessibility 2019 to focus on the needs of the elderly and persons with disabilities
- Introduced new CONQUAS 2019 to push the adoption of DfMA to ensure developers and builders deliver higher quality of building projects

TRANSFORMING THROUGH INNOVATIVE SOLUTIONS AND PROCESSES

- Collaborated with nine Trade Associations and Chambers (TACs) to co-develop key Industry Transformation Map action plans
- Launched the Construction and Facilities Management Industry Digital Plan with \$19 million to support SMEs going digital
- Launched two new sites for Integrated Construction and Prefabrication Hubs (ICPHs) to boost local prefabrication supply capacity
- Initiated the development of the Built Environment Robotics R&D Roadmap to encourage wider adoption of automation and robotics solutions within the sector
- Deployed at least 20 technologies to be test-bedded at BCA's revamped Zero Energy Building, now called ZEB Plus, to achieve a further 20% energy savings over the current ZEB baseline

GROWING THROUGH PARTNERSHIPS AND LEARNING

- Launched the inaugural Built Environment Formation Programme to allow students to better understand the built environment and its career opportunities
- Benefited more than 550 professionals through Adapt and Grow Initiatives by preparing mid-career entrants to take up career opportunities in the built environment sector
- Charted out clear progression pathways under the Skills Framework to improve talent attraction and development for the sector
- Co-developed iBuildSG LEAD framework in partnership with the industry, to nurture a core group of committed and forward-thinking industry leaders to drive sustained industry transformation efforts
- Launched the inaugural BE Connect which brought together overseas developers and Singapore urban solutions firms to showcase Singapore's capabilities in smart township, integrated healthcare facilities and innovations.

STRIVING FOR ORGANISATIONAL EXCELLENCE

- Prioritised key transformational projects relevant to the industry and BCA to be implemented in the next few years, including the Built Environment Cluster Strategy and revamp of CORENET
- Revamped the BCA website, which now has better navigation and is mobile friendly, to improve communication with our stakeholders
- Received the Public Sector Pro-Enterprise Initiative Gold Award for an initiative to help smaller companies with collaborative bidding for construction-related consultancy services
- Partnered the industry to retrofit and improve installation works and infrastructure at the Singapore Association of the Visually Handicapped (SAVH) and to refurbish the AWWA Senior Community Home

