

# ACCELERATING INDUSTRY TRANSFORMATION

ANNUAL REPORT 2021/2022



**Our Built Environment (BE) sector was severely affected by the disruptions caused by the pandemic, but it is in a much better place today. In this report, we celebrate the transformation progress that our sector has made, against all odds.**

## ANNUAL REPORT 2021/2022 KEY HIGHLIGHTS



### SUSTAINABILITY

We launched the fourth edition of the Singapore Green Building Masterplan in which we envisioned how we will achieve a low carbon built environment in 2030 and beyond.

- 1 Target **80%** of Singapore's buildings by Gross Floor Area (GFA) to be green by 2030  
- By end FY2021, we achieved more than **49%**
- 2 Target **80%** of new developments by GFA to be Super Low Energy (SLE) buildings annually from 2030 - In FY2021, we had a total of **54** SLE projects
- 3 Target **80%** improvement in energy efficiency, compared to 2005 levels, for best-in-class green buildings by 2030 - By end FY2021, we achieved **70%**

### MANPOWER DEVELOPMENT

BE firms continued to provide better career progression and learning opportunities, to better attract and retain talent. As BE job roles modernised, we also equipped our existing workforce with updated skillsets, through the various training courses at the BCA Academy (BCAA).



- 1 **1,500** students from 8 Institutes of Higher Learning were inspired through our iBuildSG Built Environment Formation Programme (iBEFP) since 2019
- 2 **230** Career Conversion Programme trained mid-careerists were hired in the Built Environment sector
- 3 **27,000** industry professionals and practitioners attended BCAA's training programmes
- 4 **6,400** professionals were trained in key transformation areas



## INNOVATION

We welcomed technological advancements in our safety regulations as well as innovative solutions to solve real-life industry challenges.

- 1 **5** drone companies have developed their own Artificial Intelligence (AI)-equipped smart drone inspection systems following our Gov-PACT<sup>2</sup> project grant call in August 2021
- 2 Embraced remote monitoring for lift maintenance with the launch of the Regulatory Sandbox for an Alternative Regulatory Regime for Lifts Equipped with RM&D<sup>3</sup> solutions, the first Code of Practice in this area, globally
- 3 More than **80** research and development proposals<sup>4</sup> received to solve industry challenges

## DIGITALISATION

We empowered the sector to embrace digitalisation, so that they could bring together different groups of stakeholders for better coordination and collaboration.

- 1 **30** built environment projects, involving **150** firms, adopted digital solutions needed for Integrated Digital Delivery (IDD)
- 2 More than **3,200** industry practitioners attended our CORENET X webinars



**“This would not have been possible if it were just BCA fighting this battle alone. I thank industry stakeholders across the value chain for their unwavering support as we emerge stronger to realise a more resilient, future-ready sector.”**

– Mr Lim Sim Seng,  
Chairman

<sup>1</sup>Based on BCA's latest available data in FY2021

<sup>2</sup>Partnerships for Capability Transformation through Government Lead Demand initiative

<sup>3</sup>Remote Monitoring and Diagnostics

<sup>4</sup>Including more than 20 arising from BCA and Infocomm Media Development Authority (IMDA)'s call for proposals for integrated robotics and automation solutions + 66 from BEAMP cycle 3



Scan the QR code or log on to <https://go.gov.sg/bca-ar-2022> to read the full report

