

USS RIE efforts to support our Built Environment Industry Transformation Map

Vision

Building a world-class and resilient sector comprising global champions and value chain alliances, offering innovative, sustainable & in demand solutions, and quality jobs, supported by a competent Singapore core.

Integrated Planning and Design

Drive collaboration across value chain to enable better planning from the onset, and optimise building design for downstream construction and maintenance

Create a conducive environment for collaboration and regulatory submissions through common data standards, with a data-rich Building Information Modelling model that is used across the project lifecycle

By 2025,
target to achieve 70% Integrated Digital Delivery adoption rate*

Advanced Manufacturing and Assembly

Automate fabrication in factories to improve productivity, quality and work environment

Drive co-location of synergistic construction activities (e.g aggregate storage, batching plants, precast plants) to optimise land use and streamline logistical processes

By 2025,
target to achieve 70% Design for Manufacturing and Assembly adoption rate*

From 2030,
target 80% of new developments to be Super Low Energy (SLE) buildings*

Sustainable Urban Systems

Streamline operations and improve maintenance of buildings enabled by Integrated, Aggregated and Smart Facilities Management

Accelerate our decarbonisation efforts to support our net zero aspirations, and create a more sustainable and liveable built environment

By 2030,
target to green 80% of buildings*

target to achieve 80% improvement (from 2005 levels) in energy efficiency for best-in-class buildings

target for 80% of public buildings and 40% of private buildings to adopt smart facilities management*

*By Gross Floor Area (GFA)

