

Organisations Category Developer (Private Sector)

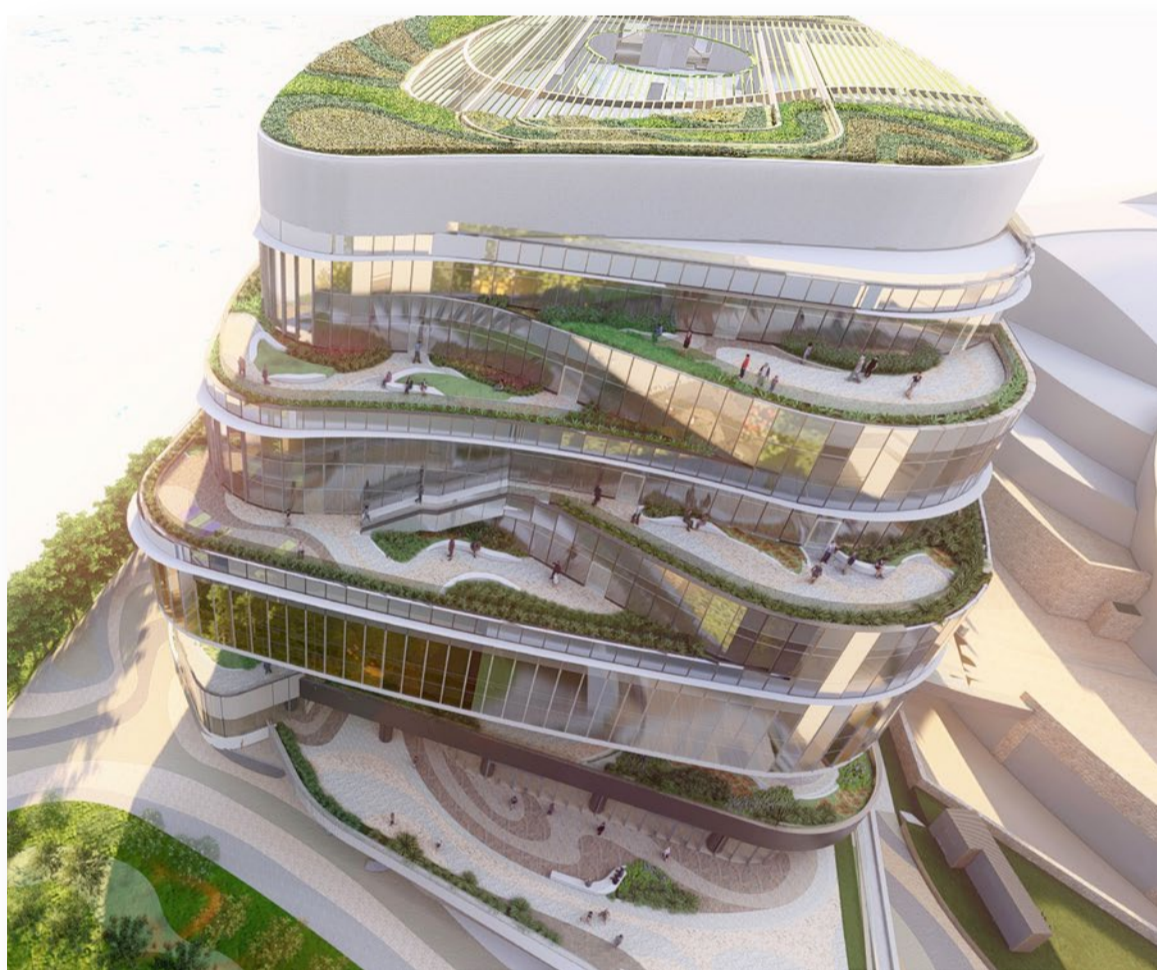
Merit Award

**Hong Kong Cyberport
Management Company Limited**



Cyberport Expansion Project

The Cyberport Expansion Project is a flagship endeavor that offers exciting new platform in the Cyberport Campus, supporting Hong Kong's wider start-up community in digital technology development. The project advocates sustainability throughout the full building life-cycle to minimise construction waste and carbon footprint. Leveraging innovations and technologies, it showcases smart and sustainable design and practice with the goal of attaining a Platinum rating in BEAM Plus New Buildings 1.2 and New Data Center 1.0.



Sustainable Best Practice 1

The project is at the forefront of developing a smart building platform that utilises AI, digital twin, IoT integration, and metaverse development. The platform analyses energy efficiency, facility management, and maintenance in a digital twin environment. With a multi-level user framework and ESG focus, it drives operational excellence, enhances visitor experiences, and provides sustainable tenant and startup services. Cyberport's plan to platinum ratings for WiredScore and SmartScore underscores their dedication to a digitally ready and sustainable tech ecosystem.

Sustainable Best Practice 2

Early collaboration for concerted effort for common sustainability initiative is key. Through a 3-month early-award of contract, pre-construction planning and carbon reduction measures are prioritised, leading to the adoption of innovative solutions. Additionally, a Zero Waste Plan is implemented to continually improve and minimise the project's carbon and waste impact. These efforts drive better planning, sustainability, and reduced environmental footprint.



Sustainable Best Practice 3

The project actively promotes modern construction methods such as Modular Integrated Construction (MiC), MiMEP and DfMA. These approaches, combined with low carbon concrete, structural steel S690, and advanced robotics, significantly reduce carbon emissions and environmental impact. By embracing these innovative practices, the project demonstrates its commitment to sustainable construction and cutting-edge methodologies.