



Dyson Institute of Engineering and Technology

by WilkinsonEyre

WilkinsonEyre has completed a new undergraduate village and associated student facilities for the Dyson Institute of Engineering and Technology based on the Dyson Malmesbury Campus. The landscaped village comprises of 62 timber modular housing pods, which were fabricated off site, with communal amenities and a central social and learning hub, the Roundhouse. As well as establishing a new typology in student accommodation, the project breaks new ground in the design, masterplanning and precision engineering of truly modular prefabricated building technologies for rapid on-site construction.

Stacked up to three pods high, the units are innovatively arranged and angled in the campus' landscape to provide every student with high-quality accommodation. With wellbeing being a prime design consideration, each pod has been designed with natural ventilation and large, triple-glazed windows, individually angled to give each resident an expansive view across the campus, while the communal spaces were developed to promote interaction and social gatherings.

The institute allows for the next generation of students to work alongside Dyson engineers four days a week on the Campus and spend one day in the classroom. The school is a practical initiative of Dyson's to improve engineering education in the UK and bridge the skills gap.



Details

Location: Malmesbury, UK
Client: Dyson
Architects: WilkinsonEyre
Structural Engineers: BuroHapold
Mechanical Engineers: Hydrock
Landscape Architects: Grant Associates
Pod Technical Design & Manufacture: Carbon Dynamics
Pod Area: 26m² (total 2028m²)
Hub Area: 1060m²
Completed: September 2018

Awards

World Architecture News Award
2019