



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
 Architect: 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
 Date: Completed September 2019

Awards

2020 Offsite Awards, Shortlisted
 2020 Architect's Journal Building of the Year, Shortlisted
 2019 World Architecture News Award
 2019 Architects' Journal Award, Homes over £10m Award Shortlisted
 2019 World Architecture Festival, Shortlisted
 2019 Dezeen Award, Longlisted