



Fact Sheet

Sustainability and health at the centre of architecture of Portal on the 1st floor of Trinity Business School.

1

The €80 million 11,400 square metre Trinity Business School, co-houses, Portal. This includes a 500 seat auditorium, restaurant spaces for more than 200 people, smart classrooms and a rooftop conference room, it is a zero energy building, with a green focus throughout.

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The building has been designed to promote the health and wellbeing of users to the maximum extent possible. All workspaces have ample natural light, good air quality and access to natural greenery.

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Health conscious staff have been given option of sitting standing desks to facilitate more active working habits.

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While delivering an optimal working environment the design also minimises the requirement for maintenance over the lifetime of the building.

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The 70sq m living wall is located at the Pearse Street entrance and comprises of seven different species of plants carefully selected to suit its northern aspect. As well as offering a stunning visual effect, living walls provide a welcome boost to biodiversity as they provide a valuable habitat for nature.

6

The southern aspect of the building is equally environmentally friendly and green due to the installation of a very large Brise Soleil. These planted horizontal brise-soleil screens reduce heat gain within the atrium space of the building by deflecting sunlight. The planting on this aspect is very different to the living wall and attracts pollinators and other insects.

7

Sustainability is at the heart of the new building and key design features include low energy ventilation systems, motion and time-controlled LED-based lighting and rainwater harvesting. Some 500sq m of photovoltaic panels are installed on the roof contribute and to the electrical provision of the building and offset 35 tonnes of carbon per annum. Water for the toilets is provided by recycled rainwater.

