

A photograph of a modern building facade. The building features a large, vertical green wall (living wall) on the left side, which is covered in dense, green foliage. To the right of the green wall, the building's facade is composed of light-colored, rectangular panels arranged in a grid pattern. Several windows are visible, reflecting the sky. The sky is blue with some light clouds. The overall scene is a low-angle shot, looking up at the building.

CASE STUDY

Science Central

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NEWCASTLE UPON TYNE UNITED KINGDOM



Type
Outdoor

Duration
4 weeks

When
2014

Size
300m² +

Testimonial

ANS Global installed and maintain the living wall at The Core, Science Central. The team is efficient, friendly and knowledgeable. Our living wall is well maintained, frequently photographed and is a real feature of the Science Central site.

Spanning 24 acres of prime city-centre development land in Newcastle upon Tyne, Science Central is open for business, and will support a thriving new community filled with rewarding jobs and ground breaking scientific advances. Science Central is delivered by a long-term, committed partnership between Newcastle City Council and Newcastle University and brought together as the Science Central LLP. The partnership purchased the land with the aim of creating a unique location where the public sector, academia, industry and communities would come together to shape a future to benefit us all.

The exterior living wall was part of a planning condition and helps towards achieving a BREEAM excellence award. It has a large expanse of green area that uses over 35,000m² of plants reaching to a total height of 28m from ground level and has become Europe's tallest exterior living wall. Part of the design was to use native species that attract insects, and most importantly bees. Therefore, the living wall includes ten bee hotels. The living wall became an intricate part of the rain screen cladding design, forming a good insulation barrier to help with the efficiency of the building that also harvests rainwater and uses low-energy LED lighting. Science Central's vision is to create a brand new quarter of Newcastle; an exemplar in sustainability in order to create a new community of science, education, business and residential areas.