




PEOPLE • EXCELLENCE • INNOVATION • GROWTH

## Complementary Growth in the UK

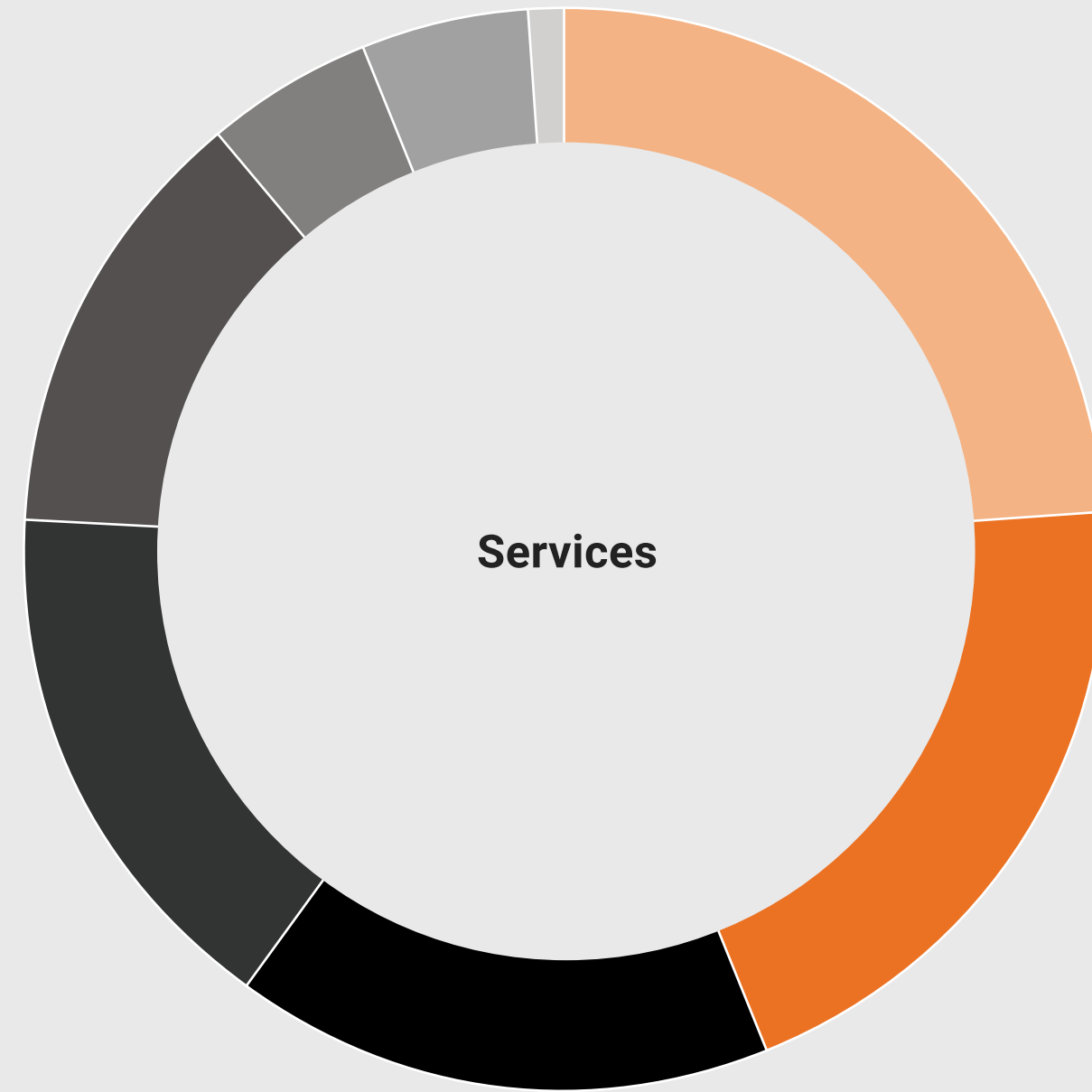
Hydrock joins Stantec.

 **UWE Faculty of Engineering and Design building**  
Location: Bristol, England  
Architect: AHR  
Photo credit: John Seaman



Nimble and future-focused, Hydrock was founded in 1995 and holds a nationwide presence with 22 UK locations. Hydrock offers renowned experience providing sustainable solutions for major projects across the country's public and private sectors. The company has extensive fire safety, energy and sustainability, civil and structural, MEP, transport, environmental, and geotechnical service capabilities.





- 24% Civils and Structures
- 20% Fire safety and Risk Management
- 16% Energy and Sustainability
- 16% Mechanical Electrical and Public Health (MEP)
- 13% Geo-environmental and Geo-technical
- 5% Transport Planning
- 5% Acoustics and Air Quality
- 1% Project Management



**Scott Elliott**

Managing director  
Hydrock

Hydrock's people are united by a shared purpose to be a force for good. I'm delighted that this aligns so well with Stantec's culture. Through our integration, we'll be able to expand our reach and influence internationally, penetrate exciting new markets, and provide excellent new career opportunities for our people. Together, we'll pioneer engineering solutions, drive energy resilience, and to support the UK's vital transition to a low-carbon economy.



**Cath Schefer**

Executive vice president and chief operating officer, Global  
Stantec

The coming together of Stantec and Hydrock is an ambitious and compatible evolution for both our firms in the UK. Hydrock provides us with a highly complementary line of services and expertise which only reinforces our UK offering. Our combined experience, knowledge, and creativity, as well as our shared commitment to create better, more liveable places for people and communities, puts us in an exceptional position to deliver meaningful value for our industry-leading clients.



## UWE FACULTY OF ENGINEERING AND DESIGN BUILDING

**LOCATION:** Bristol, England

**CLIENT:** University of West England (UWE)

**ARCHITECT:** AHR

**SERVICES:**

- MEP
- Structural Engineering
- Civil Engineering
- Fire Safety
- Acoustics

For this award-winning 8,500-square-meter (91,493-square-foot) facility, Hydrock provided full end-to-end multidisciplinary engineering services from RIBA Stages 1 to 7. Reflecting UWE’s aim of encouraging greater diversity within engineering and meeting the local demand for skilled graduates, the iconic, Corten steel clad building features flexible and collaborative teaching, learning, and research spaces for 1,600 students and 100 employees. Securing two prestigious British Construction Industry Awards, Hydrock continues to support the university with its campus development plans.



## PITLOCHRY THEATRE

**LOCATION:** Pitlochry, Scotland

**CLIENT:** Pitlochry Festival Theatre

**ARCHITECT:** Suzie Bridges Architects

**SERVICES:**

- Fire Safety
- Civil Engineering
- Structural Engineering
- MEP
- Smart Energy and Sustainability

Hydrock is supporting the transformative redevelopment of Pitlochry Theatre, the largest of its kind in Scotland. The 70-year-old theatre is undergoing extensive building upgrades to create a world-class center of excellence tailored for the 21st century. Hydrock is providing a range of multidisciplinary expertise encompassing fire safety, structural and civil engineering, and MEP design, as well as smart energy and sustainability consultancy.



### THE WAVE

**LOCATION:** Bristol, England

**CLIENT:** The Wave

**ARCHITECT:** APG Architecture

**SERVICES:**

- MEP
- Structural Engineering
- Civil Engineering
- Air Quality
- Acoustics
- Water Environment
- Environmental and Geotechnical Consultancy
- Transport Planning

Winner of Cultural & Leisure Project of the Year at the British Construction Industry Awards 2020, The Wave, Bristol, is an inland surfing destination born out a passion for technology, nature and human health, and striving to be a force for positive change.

Hydrock provided a full complement of multi-disciplinary engineering services to support the creation of this leisure facility. Hydrock's multi-disciplinary expertise was instrumental in supporting the project from conception through to detailed design, including being appointed as Principal Designer.



### UNIVERSITY OF NOTTINGHAM

**LOCATION:** Nottingham, England

**CLIENT:** University of Nottingham

**SERVICES:**

- Smart Energy and Sustainability
- Water Environment

Hydrock delivered a climate risk study with recommendations for climate adaptation on a 65-acre state-of-the-art university campus to ensure long term resilience and continuity for students and research studies.

Supporting the University's long-term sustainability strategy, this climate risk study helps the client develop a deeper understanding of the long-term physical climate risk to the buildings and infrastructure on their campus.



## BAY TECHNOLOGY CENTRE

**LOCATION:** Port Talbot, Wales

**CLIENT:** Neath Port Talbot County Borough Council

**ARCHITECT:** IBI Group

### SERVICES:

- Structural Engineering
- MEP
- Fire Safety
- Water Environment
- Civil Engineering
- Transport Planning

Proving a concept to deliver ‘a building as a power station,’ Bay Technology Centre at Baglan Energy Park, Port Talbot is the first commercial facility in Wales to be energy positive in operation. Driven by Neath Port Talbot County Borough Council, this initiative fuels their Decarbonisation and Renewable Energy Strategy. This state-of-the-art 2,500-square-meter (26,910-square-foot) office and laboratory building, completed in 2022, goes beyond net-zero. It actually produces more energy than it consumes.

This impressive result is achieved through the innovative design and use of materials. This included specialist photovoltaic (PV) panels made to look like cladding, parametric modelling to influence the siting, and forensic modelling of energy use. The Centre will achieve an energy performance ratio of 0.998, which is a 281% improvement over building regulations.



## UK HYDROGRAPHICS OFFICE

**LOCATION:** Taunton, England

**CLIENT:** UK Hydrographics Office

**ARCHITECT:** AHR

### SERVICES:

- Structural Engineering
- Civil Engineering
- MEP
- Transport Planning
- Fire safety
- Acoustics
- Environmental and Geotechnical Consultancy

Winner of the Best of the Best Award at the national British Council for Offices (BCO) awards in 2021, this is a masterclass in integrated architecture and engineering. The new 11,000-square-meter (118,403-square-foot) headquarters building for the UK Hydrographic Office (UKHO), marked a cultural shift in modern ways of working. To bring out the best in people, this flexible space is designed around communication, creativity, and interaction.

Hydrock’s brief was to encourage a ‘one team’ approach by prioritising collaborative and agile workspaces for up to 850 people, and by creating a sense of ‘transparency’ through a stunning design that created two wings either side of an 800-square-meter (1,186-square-foot) central atrium with open balconies and bridges, creating physical and visual connections between all parts of the building.



## ENGLISH NATIONAL BALLET

**LOCATION:** London, England

**CLIENT:** English National Ballet

**ARCHITECT:** Glen Howells Architects

**SERVICES:**

- Structural Engineering
- MEP

Hydrock's MEP engineering design from RIBA Stage 1 to 7 was a critical feature in creating the stunning, £36 million (CAD\$61.9 million) new world-class facilities for English National Ballet and its associated School in East London. Placed between two residential towers on a relatively small site, the 8,640-square-meter (93,000-square-foot), five-storey building opens out onto a piazza with a public café and retail areas.

The ballet's new home is four times the size of their previous buildings. Recognising that this new space needed to offer a completely new experience, Hydrock worked closely with them at the earliest stage of design to understand their unique needs and ideal solution. Drawing together all their needs in one space has transformed the client's experience. It's paved the way for an unprecedented space to develop world-class artists and outstanding ballet that will provide opportunities for more people than ever before.

Photo credit: Tom Green Photography