

An architectural rendering of a modern building with a prominent glass facade. The building is long and rectangular, with a grid-like structure of dark frames holding large glass panels. The words "NATIONAL ROBOTARIUM" are faintly visible on the glass. The building is set against a bright blue sky with scattered white clouds. In the foreground, there is a paved walkway with a few stylized human figures, including one on a bicycle. The overall scene is bright and clear, suggesting a sunny day.

The National Robotarium

People Centered; Technology Driven



The National Robotarium

- **The Mission**
- **The Programme**
- **The Impact**
- **The Building**
- **The People**
- **The Future**



The National Robotarium

Mission Statement

The National Robotarium is a world-leading centre for robotics and artificial intelligence. Its collaborative approach creates innovative solutions to global challenges.

By developing highly skilled visionaries, its pioneering research moves rapidly from laboratory to market - accelerating growth, attracting investment and delivering substantial benefits for society.

Data-Driven Innovation

DDI will increase the contribution of university research and in-demand graduate skills to the region's economy, launching more spinout companies, attracting start-ups and established businesses, and driving public and private sector investment.



TRADE



TALENT



RESEARCH



ADOPTION



DATA



ENTREPRENEURSHIP



- £22.4 Million
- 4,000sqm over 2 Floors
- Industry Partner Space
- Central Forum
- Outdoor Testing Space
- 3 Research Groups
- Completion date: March 2022

The logo for 'fitwel' features a stylized graphic of colored squares (blue, green, purple, pink) to the left of the word 'fitwel' in a white, lowercase, sans-serif font.

The background image shows a spacious, modern industrial or laboratory environment. In the center, a large, grey, articulated robotic arm is mounted on a mobile base. To its right, a white quadruped robot with black legs is walking. Several people in business attire are present, some interacting with the robots. The ceiling features exposed orange beams and numerous white pendant lights. A staircase is visible in the background.

Robotics & Autonomous Systems

Deployments and collection of data
in realistic scenarios to enable
testing & development of innovative
autonomous systems



Human Robotic Interaction

Enable test deployments of autonomous systems that interact & support assisted living in a controlled environment. Road testing 'human-robot interactions' to accelerate the adoption of autonomous systems to support assisted living





Precision Manufacturing

'One stop shop' UK Centre of excellence for ultrafast laser processing; enabling researchers and industrial partners to access the unique capabilities of ultrafast laser processing, specific to their application.



Industry Partner Suites

Supporting student and staff enterprise activities & provide a creative space for entrepreneurs and industry partners to develop business ideas and access support.

- National Robotarium website now live.
- Several related research awards have been announced.
- Increased media coverage via several channels including The Scotsman & BBC.
- Academic Leadership now identified.
- Review of Governance Structure.
- Communications Plan developed by appointed agency and ready to be implemented.
- Brand Guidelines being developed with target date of early 2021.
- Public Engagement Strategy being developed following workshop.
- Sector Plan being developed with colleagues from Enterprise team.



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THE UNIVERSITY
of EDINBURGH



IDI Data-Driven
Innovation

Part of the Edinburgh & South East Scotland City Region Deal