



Ollscoil Chathair Bhaile Átha Cliath  
Dublin City University

## Excellent science and technology towards **Economic & Societal Sustainability**

DCU is the only institution that has integrated its science, social science, business and technology research to address the complex sustainability challenges of economies and societies.



Advanced Materials  
& Manufacturing



Energy & Environment



Water



**Speak to DCU to uncover new ways to advance your business**

### We are working with organisations to:

- ✓ Design and develop new technologies and processes that will ensure sustainable growth
- ✓ Discover innovative ways to harvest energy from new resources
- ✓ Transform how existing and new resources are managed
- ✓ Create new business models for sustainable competitiveness
- ✓ Tackle future water resource and water treatment challenges

## Advanced Manufacturing & Materials



Our research can help you through product and process innovation. We can provide expertise in:

- Nanomaterials and Material Characterisation
- Advanced Processing and Plasma Technology
- Data Analytics for Advanced Manufacturing
- Electronic Engineering
- Operational Excellence in Manufacturing
- Additive Manufacturing (3D Printing)
- Smart Materials & Microfluidics

## Energy & Environment



DCU can help you tackle challenges in these areas with innovative research:

- Sustainable Energy Conversion
- Energy Efficiency and Design
- Environmental Sensing Technology
- Hydrogen Production and Catalysis
- Sustainable Energy Finance

## Water



To help to address concerns relating to water and waste water systems, you can access our expertise in:

- Membrane Technologies
- Sensing/Environmental Monitoring
- Separation and Characterisation Techniques
- Water and Wastewater Treatments
- Solid Agricultural Waste Management

## Work with DCU

**We help solve your problems:** We provide technologies, expertise and specialist services that help solve the challenges you face. We help you to leverage state funding to enhance your research and innovation capability. Our resources provide solutions to commercial firms, social enterprises, cultural organisations, NGOs and government departments. Contact us to see how we can help you.

**To address your sustainability challenges speak to:**



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