



Welcome SusDev
Erasmus+
Lifelong learning for Sustainable Development





Dublin Institute of Technology

- 120 years of excellence in education
- In **top 3% of the world's universities**
 - *Times Higher Education / QS World*
- Represents **10% of all higher education in Ireland**
- Applied, career-focused education
- Degree-awarding; apprenticeship to PhD
- Always ranked in top 5 for CAO applications in Ireland





Globally-connected & Regionally-engaged

- Support Ireland's drive to become 'an innovation and commercialisation hub in Europe';
- Focus on the greater Dublin region as a catalyst for national economic prosperity;
- Grangegorman Campus aims to create a unique collaborative, Education Campus, with a Research and Science Park:

The Google logo, featuring the word 'Google' in its characteristic multi-colored font.The eBay logo, featuring the word 'eBay' in its characteristic multi-colored font.The SIEMENS logo, featuring the word 'SIEMENS' in a bold, teal, sans-serif font.The citi logo, featuring the word 'citi' in a blue, lowercase, sans-serif font with a red arc above the 'i'.The Wyeth logo, featuring the word 'Wyeth' in a red, serif font.The intel logo, featuring the word 'intel' in a blue, lowercase, sans-serif font with a blue swoosh above it.The IBM logo, featuring the word 'IBM' in a blue, bold, sans-serif font with horizontal stripes.



DIT COMMUNITY	MULTI-DISCIPLINARY		FLEXIBILITY + DIVERSITY	STRENGTHS IN RESEARCH + INNOVATION						
<p>20,000 Students - 1 in every 10 students in Ireland</p> <p>2000 academic and support staff</p> <p>5000 graduates each year</p>	<p>Engineering, Manufacturing + Construction 26%</p> <p>Sciences, Health + Welfare 12%</p>	<p>Arts + Humanities 12%</p> <p>Business, Administration + Law 27%</p> <p>ICT 7%</p> <p>Social Sciences, Education + General 4%</p> <p>Services 12%</p>	<p>NFQ levels offered 6-10</p> <p>Part-time learners 29%</p> <p>International 20%</p> <p>Mature 10%</p> <p>Access pathways 8%</p> <p>Disability 8%</p>	<p>New Materials & Devices</p> <p>Environment, Energy + Health</p> <p>Information Communications + Media Technologies</p> <p>Society, Culture + Enterprise</p>						
<p>CAMPUS CONSOLIDATION AT DIT GRANGEGORMAN</p>										
<p>Current campus locations</p>	<p>Kevin Street</p>	<p>Aungier Street</p>	<p>Rathmines + Chatham Row</p>	<p>Canal Brugha Street</p>	<p>Mountjoy Square</p>	<p>Bolton Street</p>		<p>Largest development in higher education in Ireland, contributing to urban regeneration, local enterprise and increased access to higher education.</p>	<p>DIT is committed to sustainability in all aspects of its teaching, research, operations and community engagement.</p> <p>20.7% Energy Savings by 2015</p> <p>Energy Saving initiatives undertaken:</p> <ul style="list-style-type: none"> - Commitment to work towards ISO Energy Management System Certification - Continuous monitoring of energy consumption - Replacement of inefficient plant and equipment equipment 	<p>Award winning Innovation and Technology Transfer Team Best Start-up Facilities in Dublin</p> <p>Total Investment Raised by Hothouse Alumni 2001 - 2016 €160,00000 1600 jobs created</p>
<p>+ GRANGEGORMAN</p> <p>Developing major new city-centre campus at Grangegorman for all DIT activities:</p>										
<p>73 acre campus</p>	<p>150,000 sq m Education + Research facilities</p>	<p>50,000 sq m Industry + Science Park</p>	<p>50,000 sq m Student Residences</p>	<p>15,000 sq m Sports + Recreation</p>	<p>8,000 sq m Food + Retail</p>	<p>5,000 sq m Cultural</p>	<p>Public transport access including:</p> <p>Luas Cross City + Red Line</p> <p>Dublin Bus</p> <p>Private Buses</p> <p>Dublin Bikes</p>			



Arts & Tourism

Art, Design & Printing

Culinary Arts & Food
Technology

Hospitality & Tourism
Management

Media

Music & Drama

Social Sciences & Law

Business

Accounting & Finance

Graduate Business

Management

Marketing

Retails & Services
Management

Engineering & Built Environment

Architecture

Civil Engineering

Electrical & Electronic
Engineering

Mechanical & Design
Engineering

Multidisciplinary
Technologies

Surveying & Construction
Management

Spatial Planning &
Transport Engineering

Sciences & Health

Biological Sciences

Chemical & Pharmaceutical
Sciences

Computing

Food Science &
Environmental Health

Mathematical Sciences

Physics



Research Goals

- Strengthen and develop DIT research capacity and capability in terms of scale and international recognition;
- Align DIT with national policy objectives and new funding/competitive environment;
- Provide support for researchers through a series of initiatives;
- Grow the number of research students;
- Ensure a high quality research training environment for all researchers;
- Enhance the leadership, management and governance structure for research.





4 Cross-disciplinary Research Areas





INNOVATION

2020

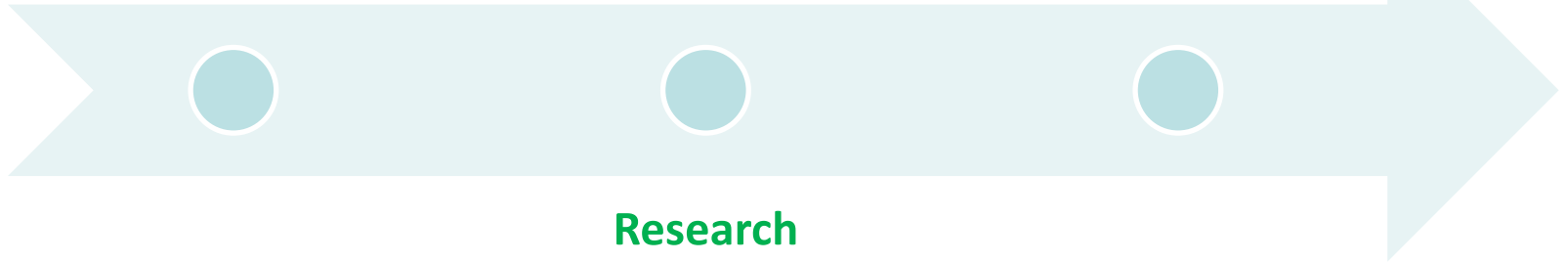




Complete Innovation chain

**Graduate Research
School**

**Commercialisation
&
Entrepreneurship**

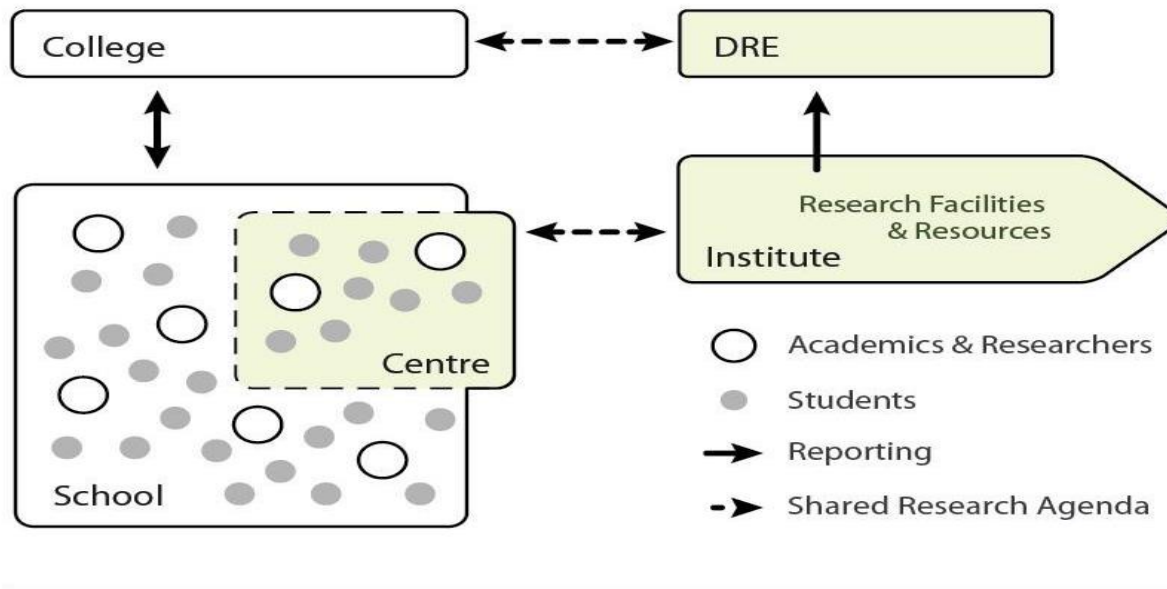


**Research
Community**



DIT Research and Innovation Environment

A Matrix Structure: Connecting researchers, schools and colleges with research areas, centres and Institutes





Research Institutes

- Large-scale, multidisciplinary research units, deriving the majority of its funding from competitive external sources for its staff, infrastructure and administration
- Recognised international leader and contributor in a defined area of research strength.
- A formal management and organisational structure





Focas Research Institute

- NanoScience and Technology
- Biophotonics and Imaging
- Materials Synthesis and Applications
- Sustainable Energy
- Wireless Network Management
- Science Education
- Assistive Technologies
- Radiation Research
- Novel Materials and Technologies



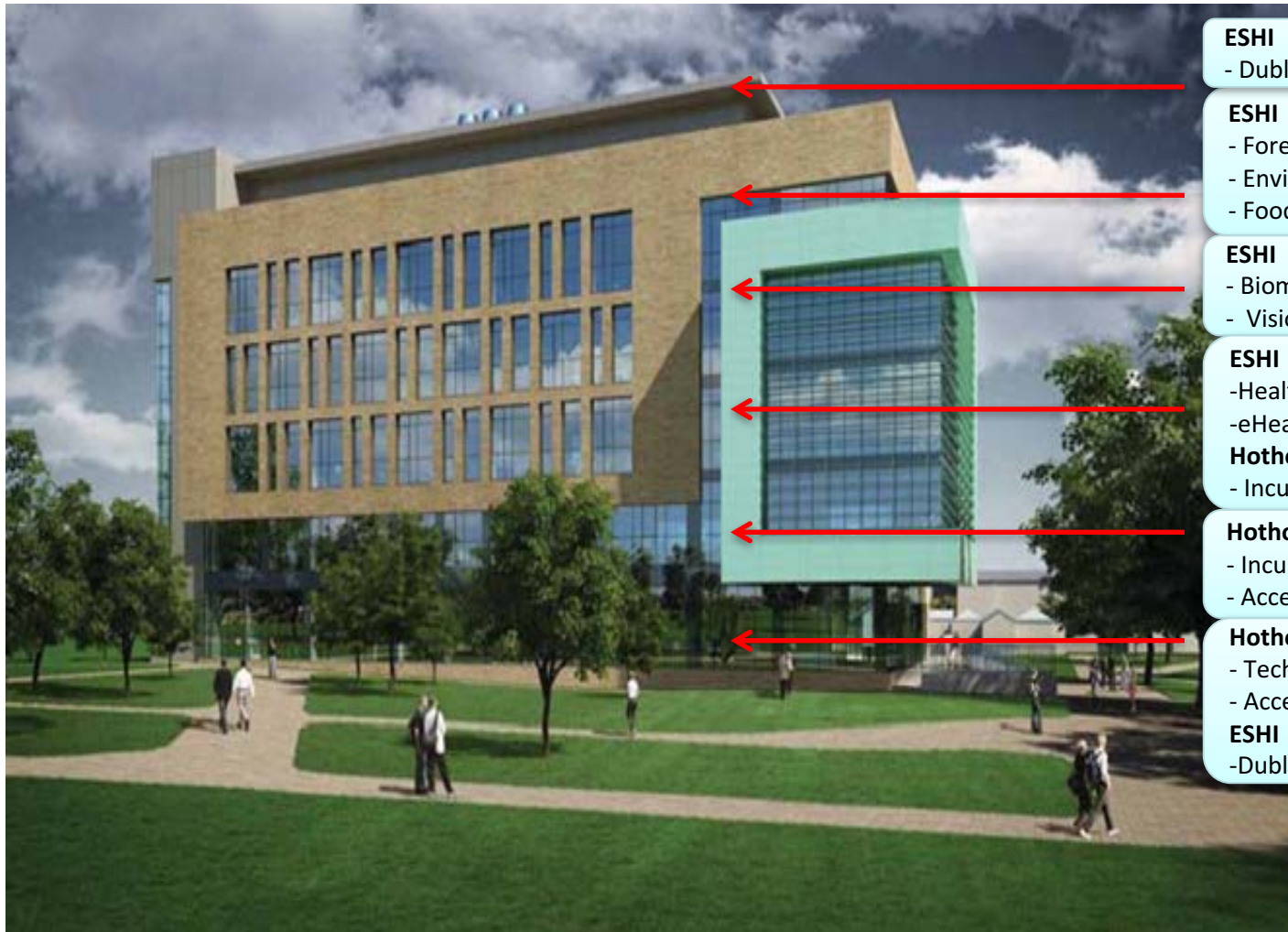


Environmental Sustainability and Health Institute

- Lifestyle & Policy
- Water Quality
- Air Quality
- Radiation & Noise
- Bio-monitoring
- Energy
- Food Quality & Safety



The Greenway Hub



ESHI
- Dublin Energy Lab

ESHI
- Forensic Science
- Environmental Monitoring
- Food Science

ESHI
- Biomedical Engineering
- Vision Research Science

ESHI
- Health Policy & Social Science
- eHealth & Bioinformatics

Hothouse
- Incubator

Hothouse
- Incubator
- Accelerator

Hothouse
- Tech Transfer Office
- Accelerator

ESHI
- Dublin Energy Lab



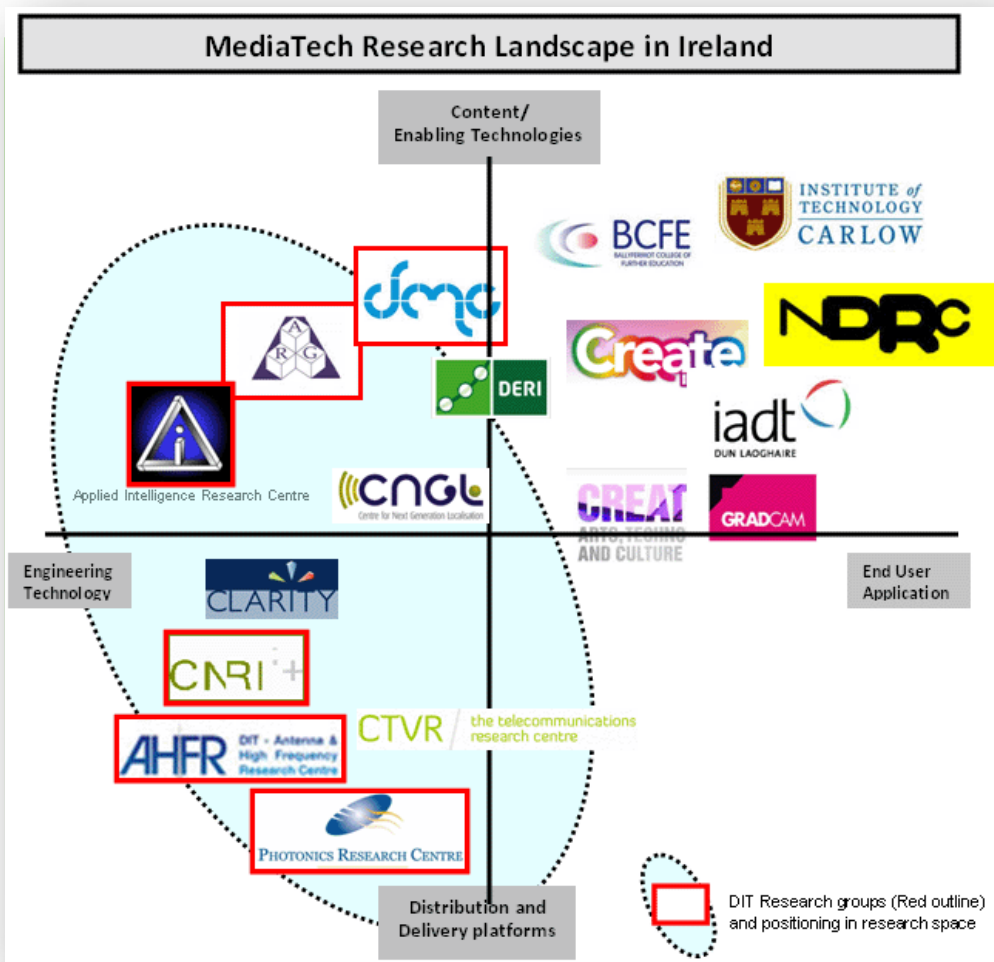
where business meets innovation



ESHI
Environmental Sustainability
& Health Institute



Information, Communications & Media Technologies



- *Computing*
- *Digital media*
- *Electrical engineering*
- *Electronic engineering*
- *Telecommunications*





Partner in 2 National SFI Research Centres



RESEARCH AREAS

- Future networks, including wireless and optical technologies
- Network-aware services and service-aware networks
- Responsive Things (key components of the Internet of Things)
- Testbed-based experimentation and iterative development

RESEARCH AREAS

- Analysing media, content and customer interactions
- Enabling global reach through innovative machine translation
- Transforming and delivering personalised content
- Extracting actionable knowledge from digital content and user interactions
- Empowering innovative customer engagement and interaction across media



Society, Culture & Enterprise

- Business
- Social and public policy
- Visual and performing arts practice
- Media & Entertainment Technologies
- Tourism





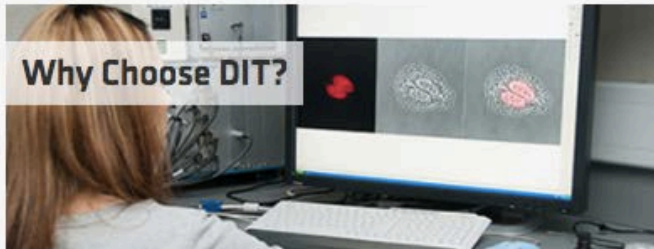
Graduate Research School



Overview

Our research is consolidated into four overarching themes and carried out primarily through its Research Institutes and designated R&D Centres.

[Find out more](#)



Why Choose DIT?

Academic excellence coupled with career-focused learning and application of knowledge make DIT the best institution to pursue your research programme

[Find out more](#)



PHD Programme at DIT

A structured programme of education that is research-based and supports the acquisition of a range of relevant specialist and transferrable skills

[Find out more](#)



Meet the Team

The Graduate Research School Office provides guidance and support for all current and prospective research students

[Find out more](#)



Hothouse

where business meets innovation

Research + Enterprise @ DIT



Enterprise Hub

DIT is committed to the development and support of the knowledge economy and a proactive approach to building successful links with industry.

[Find out more](#)



Commercialisation

DIT Hothouse is committed to research commercialisation and technology transfer from DIT to the world of industry and commerce.

[Find out more](#)



Start-Up Support

Do you have an innovative, technology-based business idea and would like to run your own company? Our New Frontiers programme can help you.

[Find out more](#)



Research + Enterprise @ DIT



Thank You

For more information

<http://dit.ie/researchenterprise/>

Email: research@dit.ie

