

Féidearthachtaí as Cuimse
Infinite Possibilities

TU Dublin - Ireland's 1st Technological University

Prof David FitzPatrick
President, TU Dublin

40th Conference of
Rectors and Presidents of
European Universities of Technology



Background

Ireland

known as ...

*'Insula
Sanctorum et
Doctorum'*

-

*Island of Saints
and Scholars*

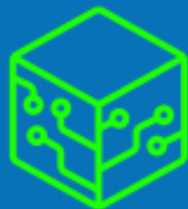


*places significant
value
on
Education*

Ireland - Foreign Direct Investment

9 of the top 10

US Technology companies.



All of the top 10

Pharmaceutical companies.



The top 5

Global Software companies.



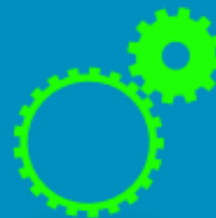
14 of the top 15

Medical Technology companies.



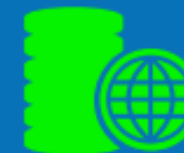
8 of the top 10

Industrial Automation companies.



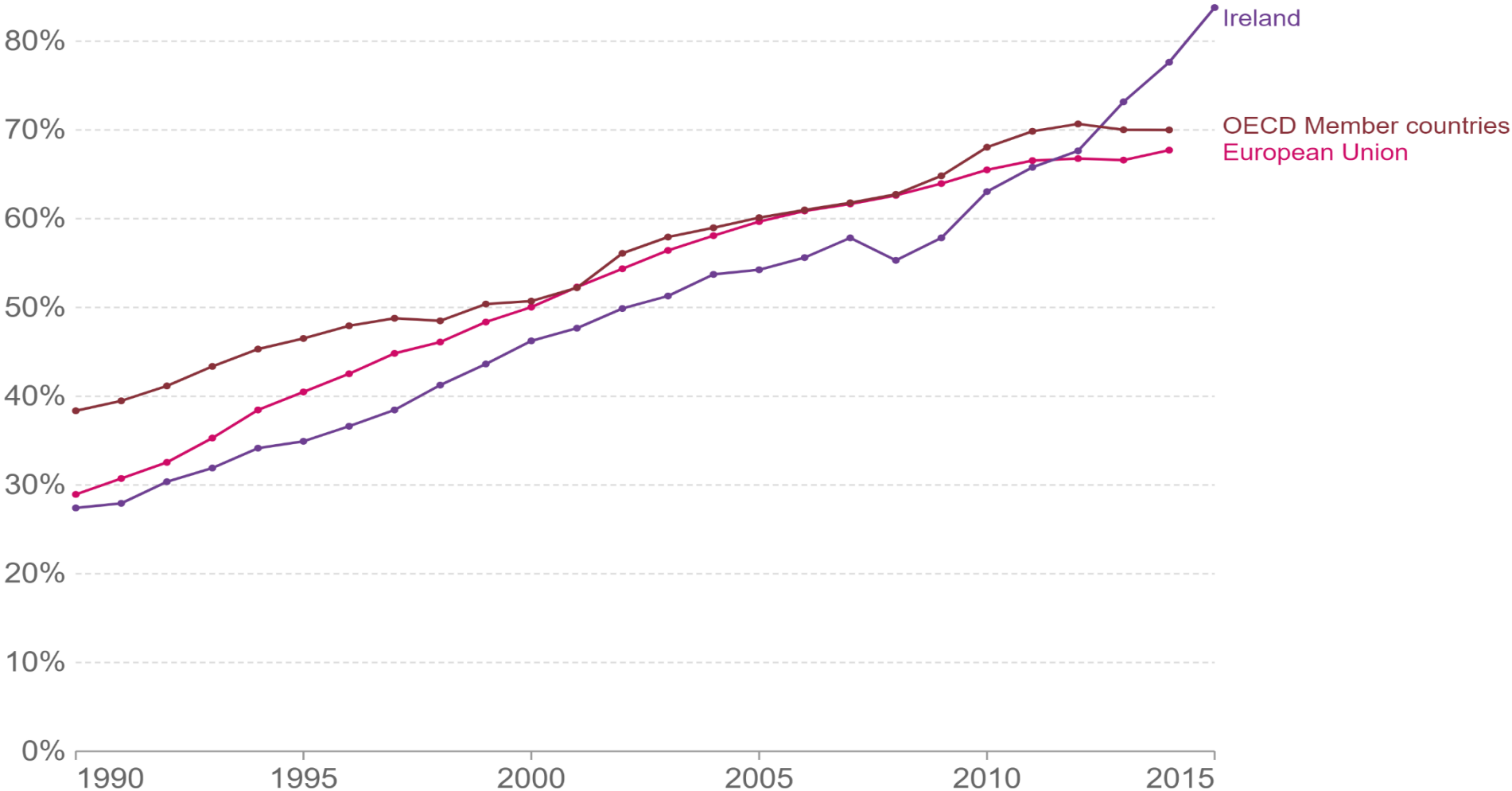
8 of the top 10

Financial Services companies.



Gross enrollment ratio in tertiary education, 1990 to 2015

Total enrollment in tertiary education, regardless of age, expressed as a percentage of the total population of the five-year age group following on from secondary school leaving.



Source: UNESCO Institute for Statistics

TU Development – Irish MoE 2019

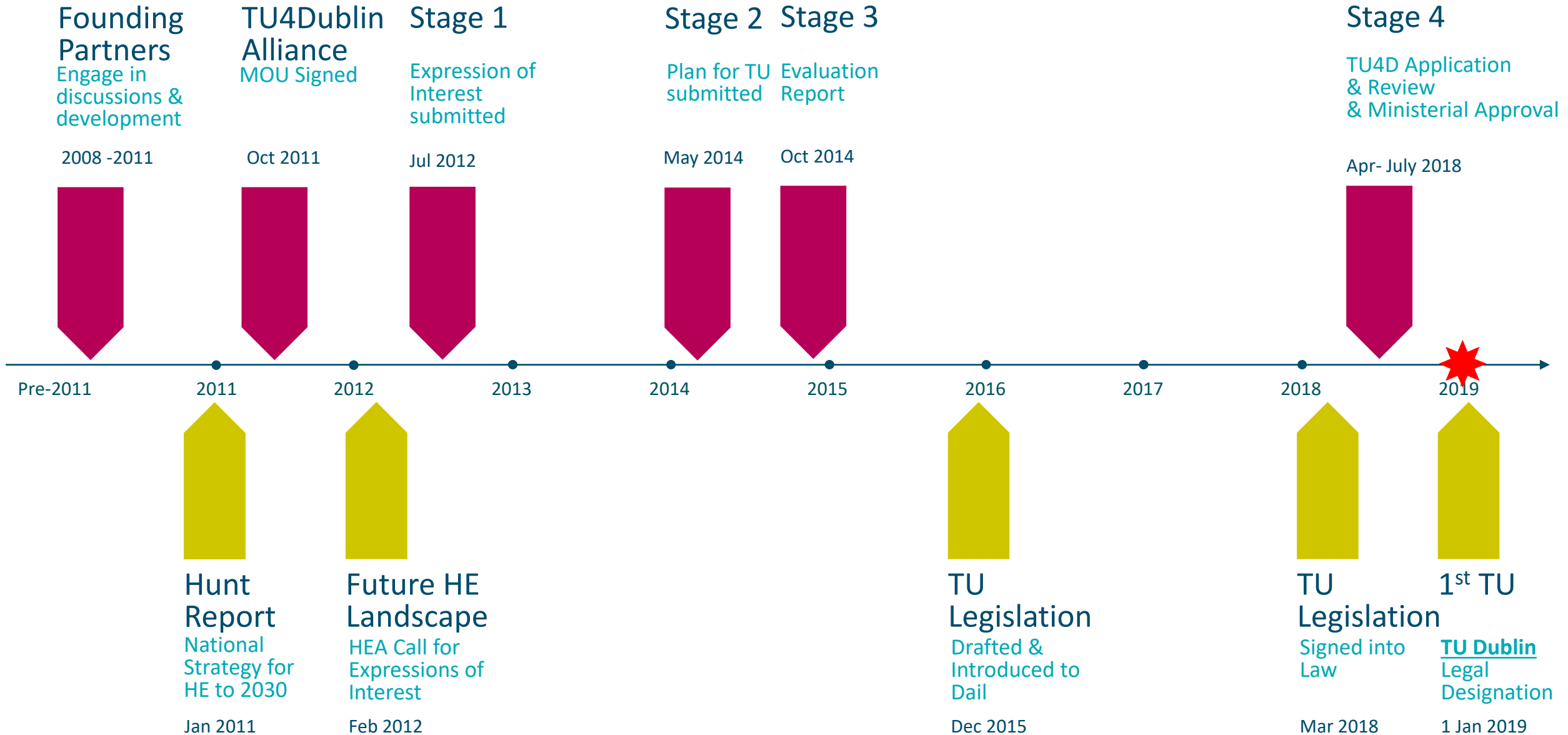
Technological universities will:

- Support innovation, management upskilling and internationalisation of companies
- Create capacity for greater engagement with local enterprise, particularly Small and Medium Enterprises
- Increase internationalisation activities – attract more international students and increase mobility opportunities for Irish students and staff
- Provide a key selling point in the attraction, retention and development of Foreign Direct Investment in the regions
- Facilitate lifelong learning, upskilling and reskilling
- Provide greater capacity for social and community engagement

TU Dublin

Ireland's 1st Technological University

TU Dublin Development and the National Policy Dimension



TU Dublin at a Glance

3
Campuses

29k+
students

9.5k
part time students

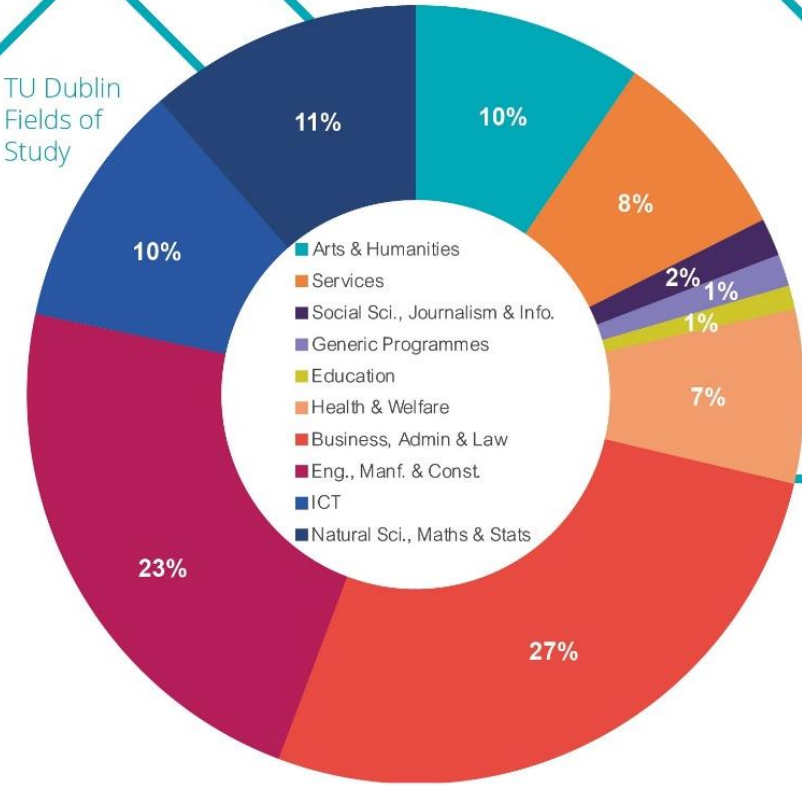
3k
international students from
140 countries



8k+
Graduates each year'



TU Dublin
Fields of
Study



Largest Provider of

STEM = **18%**

Business = **14%**

Services = **23%**

Apprenticeships = **23%**

*% of National Enrolments



1:17

staff : student ratio

Award winning staff

Holder of Athena
SWAN Bronze Award
Legacy Award

1,000+

academic partnerships

800+

collaborations with industry

1,000+

students working with
community organisations



+400%

in research award value
(over the past 5 years)



20k+ citations
(in the past 5 years)

Leader in Open Research
(Arrow TU Dublin)

Award Winning Technology
Transfer Activities

7,000 m²

of incubation space

100+ start-ups p.a.
(facilitated on campus)

200 entrepreneurs p.a.
(on TU Dublin enterprise
programmes)

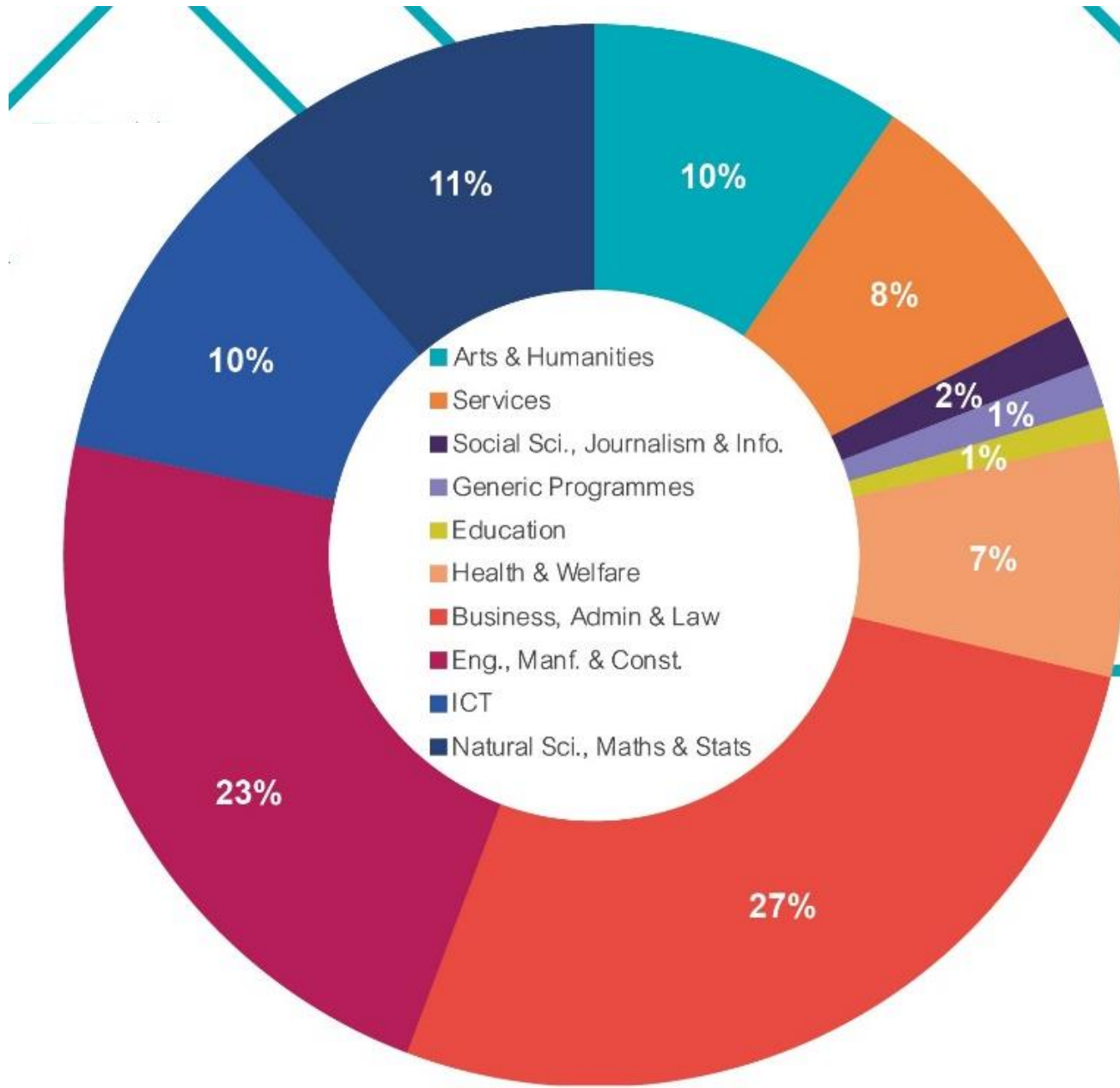
Partner in the EU+



Alliance of **8** European
universities



TU Dublin Fields of Study – 2020/21



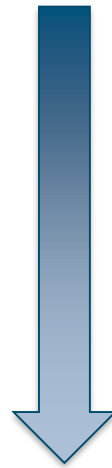
Largest provider of national provision in:-

STEM	18%
Business	14%
Services	23%
Craft Apprenticeship	23%

Also largest provider in Dublin region of

Creative, Music & Performing Arts	37%
--	-----

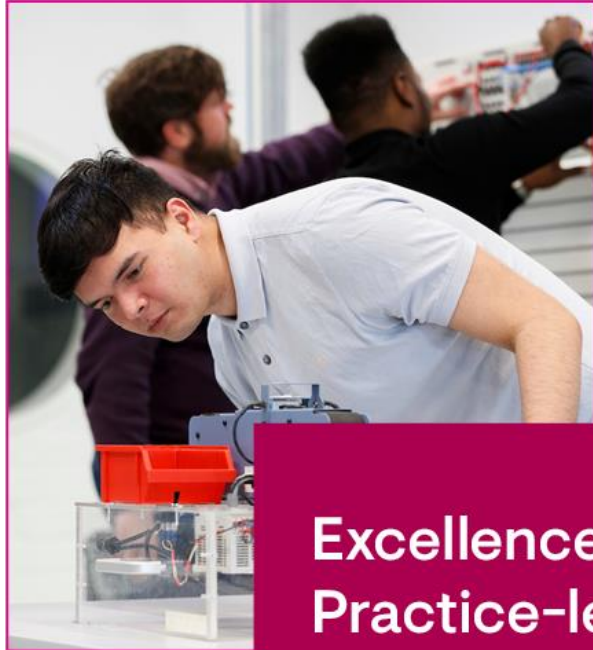
TU Dublin Strategic Intent 2030



Strategic Plan 2020 - 2023

Forming TU Dublin's Strategic Intent 2030

MISSION:



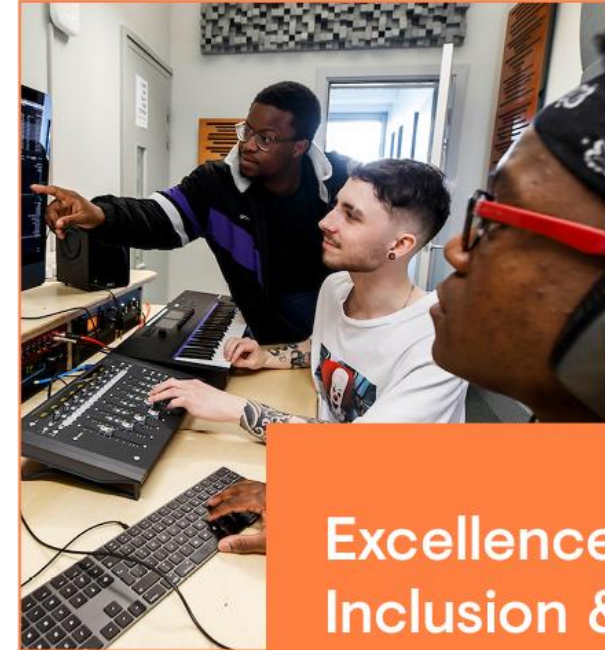
Excellence,
Practice-led
Co-creation

VISION:



Creating a
Better World,
Together

VALUES:




Excellence,
Inclusion &
Impact

Viewed through the lens of :

SUSTAINABLE
DEVELOPMENT
GOALS

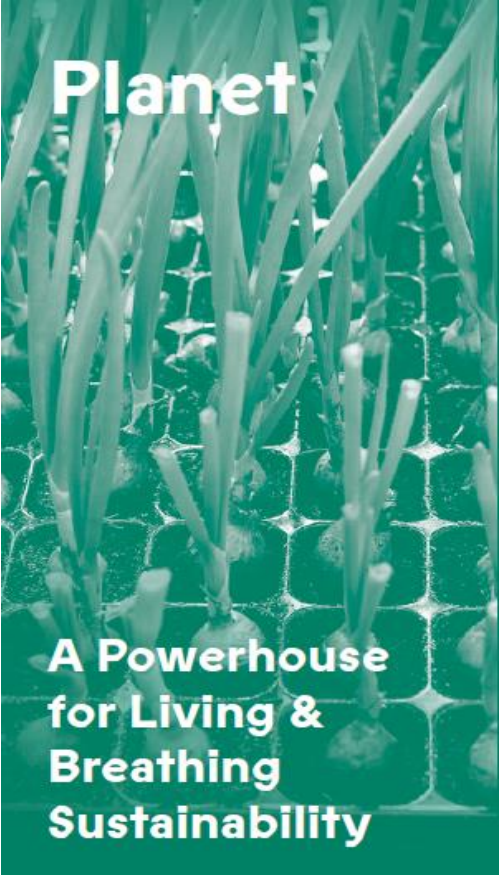
OLLSCOIL TEICNEOLAÍOCHTA
BHAILE ÁTHA CLIATH
T
DUBLIN
TECHNOLOGICAL
UNIVERSITY DUBLIN

Strategic Plan - The 3 Pillars



People

Fostering Individual Talents in an Ever Changing World



Planet

A Powerhouse for Living & Breathing Sustainability



Partnership

Delivering Shared Impact

Strategic Intent 2030 - Priority Areas

People

- Nurturing Bright Minds
- Pathways for all to Experience
- Creating a Place of Imagination & Inspiration
- Championing a Passion to Excel
- Celebrating our Ambassadors

Planet

- Being a Beacon for Sustainability
- Creating Responsible Global Citizens
- Tackling Global Challenges

Partnership

- Open Science, Open Innovation, Open to the World
- A Tightly Connected Network
- Being Global
- Organisational Effectiveness

Delivering on the Mission

Delivering on the Mission – University Executive Team



People

Fostering
Individual
Talents in an
Ever Changing
World

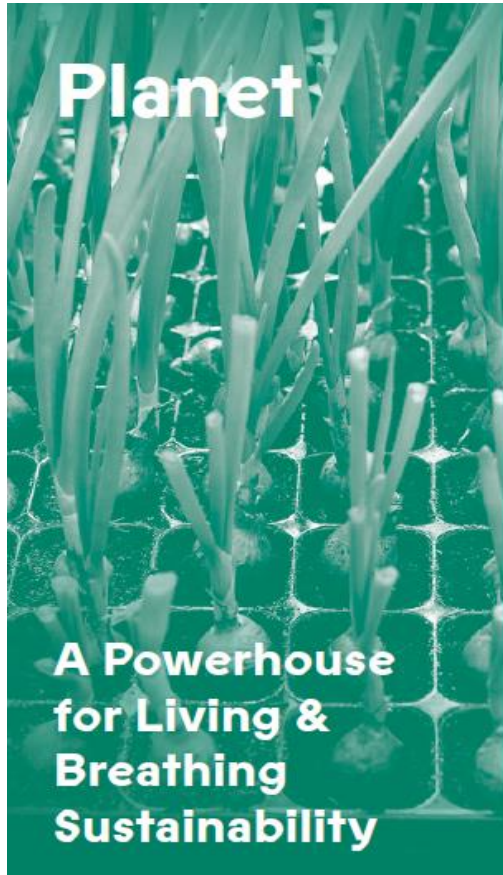
People

- Nurturing Bright Minds
- Pathways for all to Experience
- Creating a Place of Imagination & Inspiration
- Championing a Passion to Excel
- Celebrating our Ambassadors

- New Education Model
- Capital Development
 - €600m+ over ~10 yrs
- Recognition, Celebration & Reward for Success
- Alumni engagement

Creating a Better World, Together





Planet

- Being a Beacon for Sustainability
- Creating Responsible Global Citizens
- Tackling Global Challenges

- Net zero Carbon
 - University ambition Net zero by 2040
- Sustainability awareness & competency
 - Embedded in graduate attributes
- Target research themes & clusters
 - Green AI, Non-fossil fuels, Societal impact

Creating a Better World, Together



Partnership

Partnership

- Open Science, Open Innovation, Open to the World
- A Tightly Connected Network
- Being Global
- Organisational Effectiveness

- Open for Business & Collaboration
- Strategic Partnership development
- Internal, Local, National & Global
- Reduce/Eliminate organizational impediments

Delivering
Shared
Impact

TU Dublin Research & Innovation

- ⦿ A pioneer in **Entrepreneurial** development and **Start-Up Business** support
 - **7,000m²** of incubation space
 - **100+ Start-ups** p.a.
facilitated on campus
 - **200+ Entrepreneurs** p.a.
through TU Dublin enterprise programmes



Féidearthachtaí as Cuimse
Infinite Possibilities

Thank you

T
DUBLIN
OLLSCOIL TEICNEOLAÍOCHTA
BHAILE ÁTHA CLIATH
TECHNOLOGICAL
UNIVERSITY DUBLIN