NTUTORR

National Technological University
Transformation for Recovery & Resilience

Designing in Resilience: Transforming Learning, Teaching, and Assessment

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National Technological University
Transformation for Recovery & Resilience

Working in Partnership

Our Partners

Funded by
the European Union
NextGenerationEU

Ollscoil Teicneolaíochta an Atlantaigh
Atlantic Technological University

DUNDALK INSTITUTE OF TECHNOLOGY

iadt DUN LAOGHAIRE

MTU Ollscoil Teicneolaíochta na Mumhan
Munster Technological University

SETU Ollscoil Teicneolaíochta an Oirdheiscirt
South East Technological University

OLLSCOIL TEICNEOLAÍOCHTA BHAILE ÁTHA CLIATH
DUBLIN TECHNOLOGICAL UNIVERSITY DUBLIN

TUS Midlands Midwest

thea TECHNOLOGICAL HIGHER EDUCATION ASSOCIATION

HEA HIGHER EDUCATION AUTHORITY

An Roinn Caiteachais Phoiblí agus Athchóirithe
Department of Public Expenditure and Reform

An Roinn Breisoideachais agus Ardoideachais, Taighde, Nuálaíochta agus Eolaíochta
Department of Further and Higher Education, Research, Innovation and Science

Context

- **NTUTORR is a partnership of the entire Technological HE sector – working collaboratively together with a shared goal across an agreed set of ambitious streams of activity and work-packages that are transformative in their concept and design (value 37 million euro).**
- TU sector has developed in the context of the ambitions for TU's as outlined in the National Strategy for Higher Education
- There has been strong Government support for the new TU sector
- NRRP proposal evolved from the concept of a shared *digital transformation in Higher Education*
- NTUTORR is designed to enable conformity of approach for each partner, whilst allowing individual institutional autonomy
- NTUTORR will support a transformation in Teaching and Learning that will positively impact on 9,600 students and 4,000 staff

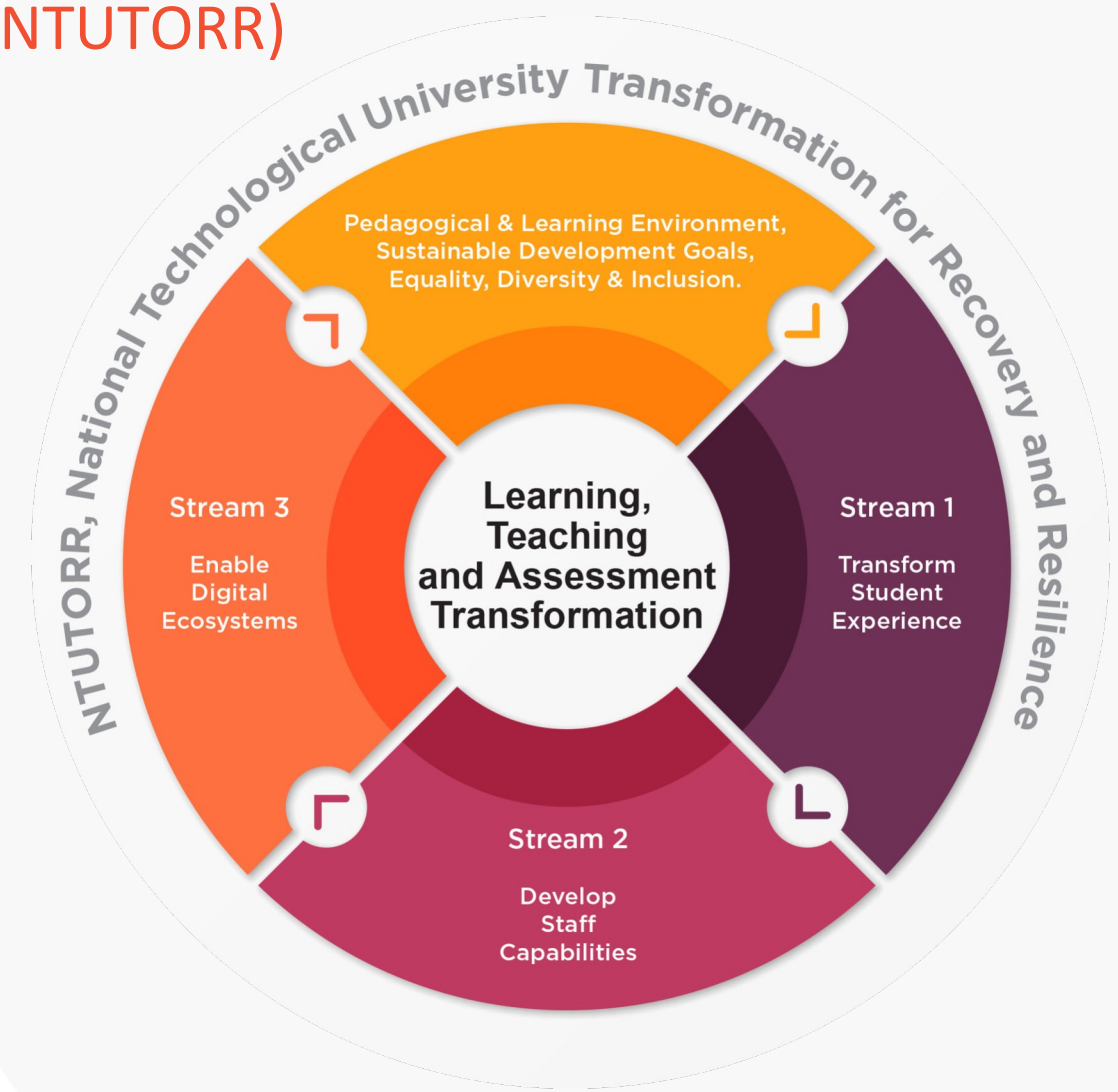
Central principles to be explicitly evidenced throughout implementation

- Transform Learning, Teaching & Assessment
- Equality, Diversity & Inclusion
- Digital Transformation
- Sustainability and Education for Sustainable Development
- Do No Significant Harm
- National Initiative
- Robust tracking of “minimum” required deliverables (9,600 students, 4,000 staff)

STREAMS

National Technological University Transformation for Recovery & Resilience (NTUTORR)

- Transform the Student Experience through learner empowerment
- Transform Learning, Teaching and Assessment by Developing Staff Capabilities
- Enable Digital Ecosystems to transform Learning, Teaching and Assessment
- Plus supporting WP of Programme Management Office Change Management



NTUTORR STREAMS

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National Technological University
Transformation for Recovery & Resilience

Stream 1: Transform the Student Experience through learner empowerment

WP 1.1 Sustainable pathways to higher education

HyFlex AccessHE Foundation Programme
Micro-credentials (incl regional needs)
HyFlex Student Support

WP 1.2 Empower students to become change agents

Partners in Innovation & Change Fellowship
Digital Literacy & Citizenship Student Competency Framework

WP 1.3 Academy for education for sustainability, leadership and employability

TU Student Digital Backpack
Student Digital & Sustainable Futures Champions Network

Stream 2: Transform Learning, Teaching and Assessment by Developing Staff Capabilities

WP 2.1 Develop staff capabilities using a sustainable higher education framework

Sectoral Sustainable HE Framework CoP, Sustainable HE Champions, Toolkit, Digital Badging

WP 2.2 Develop a curriculum framework for digital transformation, resilience and sustainability in higher education

Staff workshops, Curriculum Framework, integration of Curric. Framework, graduate attributes, and UDL principles

WP 2.3 Develop capabilities of all staff to support digital transformation, resilience and sustainability in higher education

Needs analysis, staff CPD plan, staff development portal, recognition of CPD

Stream 3: Enable Digital Ecosystems to transform Learning, Teaching and Assessment

WP 3.1 Sustainable Learning & Pedagogical Environment: Digitally Enabled Assessment embedding Academic Integrity

Digitally enabled assessment / examination, proctored assessment system, research ethics mgt system, digitally enabled academic integrity, repository & training programmes

WP 3.2 Digital Campus

Hybrid & on-campus digital enhancement, media delivery spaces, future media production hub, badging / microcredentials, open education platform

WP 3.3 Improve flexibility and accessibility of learning resources

Sectoral coordination team, IReL, CRM for learner recruitment, flexible learner pathways

NTUTORR Development Themes:

- Digital Transformation in Teaching and Learning
- Equality Diversity and Inclusion (EDI)
- Education for Sustainability
- Universal Design for Learning (UDL)
- Academic Integrity

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Stream 1

Transforming the Student Experience Through Learner Empowerment

Partners in Innovation Fellowship Programme

100 Fellowship Awards

available nationally

5,000 euro per project

team

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Student Stream

Stream 1: Transform the Student Experience through learner empowerment

WP 1.1

- Sustainable pathways to higher education HyFlex Access HE Foundation Programme
- Micro-credentials (incl. regional needs)
- HyFlex Student Support

WP 1.2

- Empower students to become change agents
- **Partners in Innovation & Change Fellowship Programme**
- Digital Literacy & Citizenship Student Competency Framework

WP 1.3

- Academy for education for sustainability, leadership and employability
- TU Student Digital Backpack
- Student Digital & Sustainable Futures Champions Network

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Stream 2

Transforming learning, teaching and assessment by developing staff capabilities

Staff Stream

Stream 2: Transforming learning, teaching and assessment by developing staff capabilities

Establish sectoral Sustainable HE Community of Practice	Sustainable HE Champions network	Collation of resources for sustainable HE toolkit
Develop Curriculum Framework for Sustainable HE Future & Resilience	Integrate UDL Principles into curriculum development	Map all new and revise provision against the framework
Needs analysis of staff training capabilities	Develop and implement staff training and development plan	Develop staff portal for offering & recording training

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Stream 3

Digital Ecosystem to
Transform Learning,
Teaching and Assessment

Digital Ecosystem Stream

Stream 3: Digital Ecosystem to Transform Learning, Teaching and Assessment

WP 3.1 A Sustainable Learning and Pedagogical Environment

- A digitally enabled assessment/examination management system & repository
- A proctored e-assessment/e-examination management system
- Digitally enabled research ethics application management system for students and staff
- Digitally enabled academic integrity software solutions and toolkits for students and staff

WP 3.2 Digital Campus

- a range of **hybrid and on-campus digital enhancement solutions**
- bespoke **media/delivery spaces** with the creation of media-rich asynchronous learning content.
- **future media production hub(s)** focussed on the creation and curation of reusable “here and now” & media-rich digital learning content with immersive technology and virtual production capacity to meet the future needs of learners.
- A sector-wide **badging/micro credential issuing platform** that integrates with existing digital and academic infrastructure and systems and helps share and cohere emerging practice in the area.

Digital Ecosystem Stream

Stream 3: Digital Ecosystem to Transform Learning, Teaching and Assessment

WP 3.3 Improving flexibility & accessibility

- Adoption and deployment of **IReL**
- Deploy integrated **CRM** system
- Empower student autonomy defining aspects of their learning pathways enabling flexible **study paths** and academic calendars

Thank You!

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