

CHALLENGING
CONVENTIONAL
THINKING



Early insights to Tampere University and ECIU University journey towards digital credentials

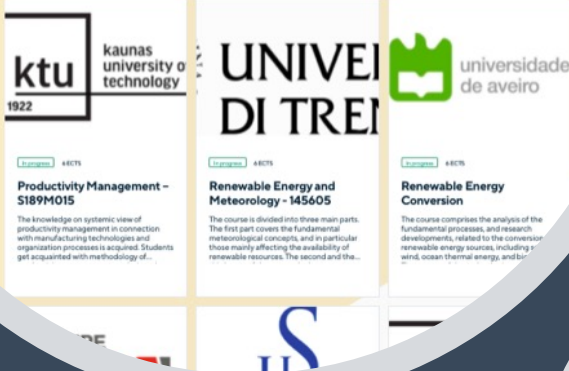
Henri Pirkkalainen, WP4 lead ECIU University, TAU

6.10.2021

Choose a micro-module that intrigues you

Tag - University - Status - ECTS - Search for projects by keyword SEARCH

There are 87 micro-modules live

[View and load more modules](#)

Coming soon

Carbon-intensive regions in transition

The Midlands must seek to pivot from reliance on fossil fuel energy production to greener renewable energy production using the existing energy infrastructure and converting to modern and future energy use.

SUSTAINABLE CITIES AND COMMUNITIES,
CLIMATE ACTION, AFFORDABLE AND CLEAN
ENERGY



Coming soon

Making public space usable

Population and production growth have resulted in a demand for higher capacities of urban transportation systems. Today, traffic is the number one occupier of public space in Hamburg. That has led to unsatisfactory

GOOD HEALTH AND WELL-BEING, INDUSTRY,
INNOVATION, AND INFRASTRUCTURE,
SUSTAINABLE CITIES AND COMMUNITIES,
CLIMATE ACTION

**Experience Challenge**

Design Sprint during which you evaluate and re-design the User of digital products and services of German companies. Students and will form groups and work...

AND
SUSTAINABLE CITIES

**Mussels as an environmental mitigation tool**

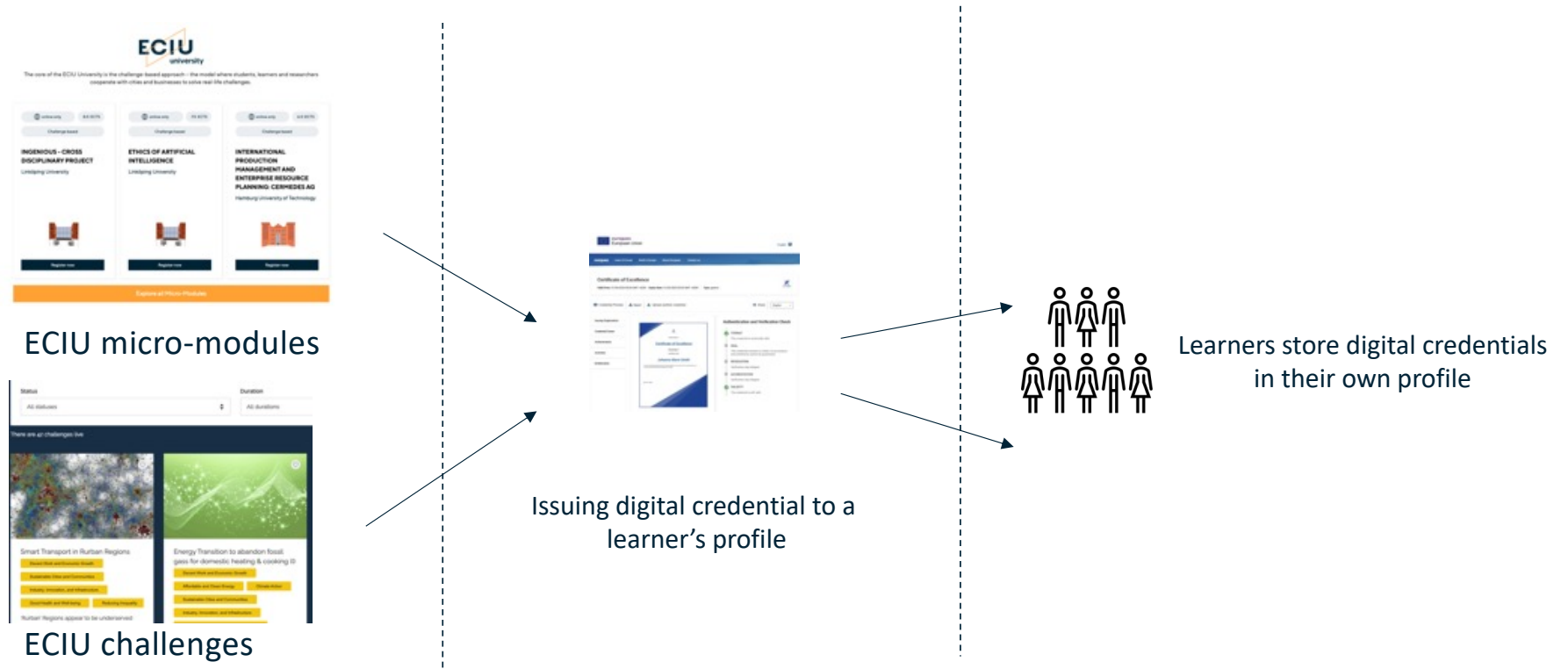
Eutrophication related to industry, agriculture, sewage and natural runoff has long been a problem for the Baltic resulting in algal blooms and the anaerobic dead zones. Long-term

CLEAN WATER AND SANITATION
BELOW WATER, INDUSTRY,
AND INFRASTRUCTURE

Broad range of learning offerings leading to Digital Credentials

- Two kinds of learning offerings in ECIU University
- Piloting with Challenge-based learning activities
 - May or may not attach with existing study programs
 - Often extra curricula activities that do not carry credits
- Piloting with Micro- and standard modules
 - Includes learning offerings from 11 ECIU University partner universities
 - SDG11- and language-learning related modules
 - Includes assessment of the learning outcomes
 - Micro 1-3 ECTS, Standard up to 8 ECTS
 - Provided in online or in a hybrid setting

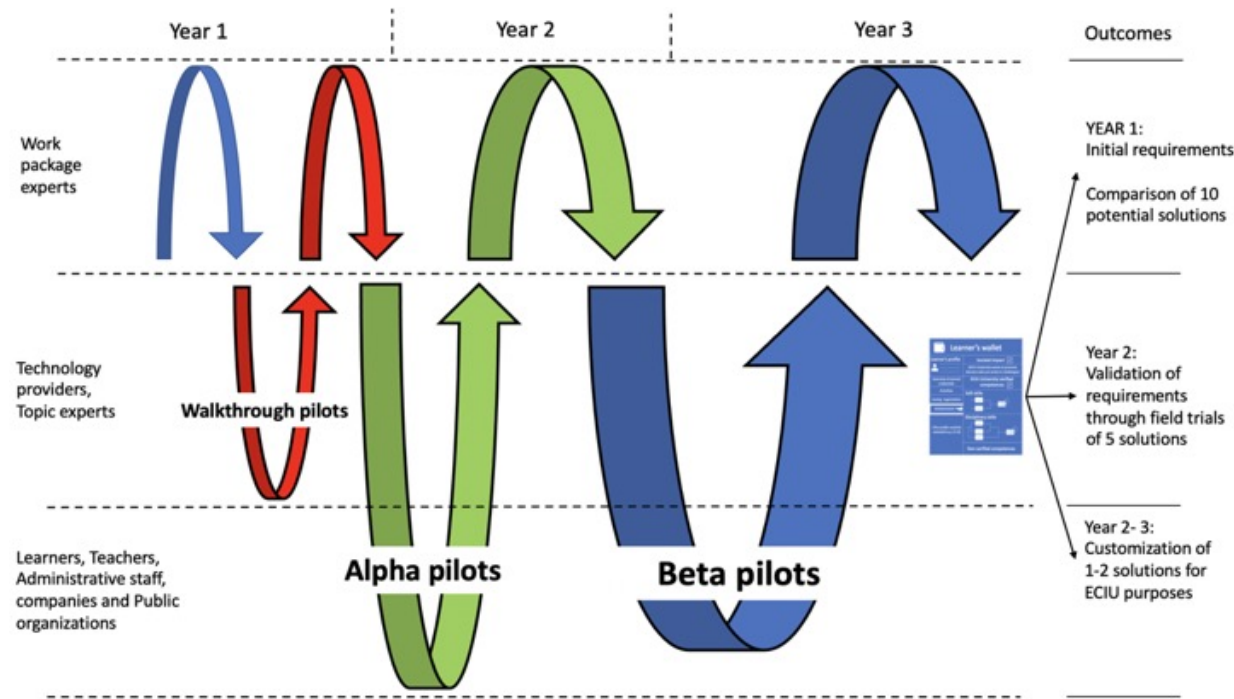
High-level concept on micro-credentials



Long-term ECIU goal: Each ECIU challenge and micro-module leads to a digital credential and aligns with long-term IT solution of ECIU University

Approach for piloting micro-credential platforms

The micro-credentials platform pilots will be conducted on three stages:



- **Walkthrough pilots (2019-2020)**
Key result: 10 platforms that could potentially serve ECIU University digital credentials.
- **Alpha pilots (2020-2021):**
Key result: 5 potential platforms were tested to facilitate ECIU University Micro-Credentials and to build awareness and competence on digital credentials. 12 partner universities use different solutions.
- **Beta pilots (2021-2022):**
 - a) Issuing digital credentials to 3000+ learners.
 - b) Partners onboard Europass EDCI early adopter programme to develop competence and know-how in digital credentials regardless of the platform choice of each partner.
 - c) Evaluation of an initial competence passport Proof-of-Concept (customized Europass) with learners to steer future development.

ECIU University recognises that platforms are evolving at a rapid pace which requires a dynamic iterative approach as we pilot, respond to and seek to influence the future development roadmap. Therefore, throughout 2021 we will develop an IT strategy on how to support ECIU University with the use of cutting edge and fit for purpose digital tools.

PAVING THE ROAD FOR THE MICRO-CREDENTIALS MOVEMENT

ECIU UNIVERSITY WHITE PAPER ON MICRO-CREDENTIALS

Access our 1st Micro-Credential white paper:
<https://www.eciu.org/news/micro-learning-varies-from-online-courses-to-study-packages>

Access our 2nd Micro-Credential white paper:
<https://www.eciu.org/news/paving-the-road-for-the-micro-credentials-movement>

3rd white paper planned for Jan/Feb 2022

**DEFINITIONS AND
STANDARDS**

**QUALITY
ASSURANCE**

**CREDITS AND
RECOGNITION**

**STORAGE, PORTABILITY
AND PLATFORMS**

**SUCCESSFUL
UPTAKE**



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