

CiTA Online Regional Week 2021

Midlands BIM Hub

- Wednesday 14th April 12.30 -2pm
- Chair: Finola Deavy - Lecturer/ Architect AIT
- Contact: fdeavy@ait.ie

Online Regional Week

Date: Wednesday, April 14th 2021

Time: 12.30pm - 14.00pm



Finola Deavy



Elisabeth O'Brien



Joe Fitzgerald



Alice Kavanagh

Speakers

- | | |
|---------------|--|
| 12.30 - 12.40 | Finola Deavy, Lecturer
Athlone IT |
| 12.40 – 13.00 | Elisabeth O'Brien, Senior Project Officer for the
Renewable Energy and Sustainable Building Research
and Development,
Limerick IT |
| 13.00 – 13.20 | Joe Fitzgerald, Technical Support Engineer
Ecological Building Systems |
| 13.20 – 13.40 | Alice Kavanagh, Quality Control Lead
BAM Building Ltd |
| 13.40 – 14.00 | Q & A - Closing address |

Presentation Titles

- | |
|--|
| Opening Address and Athlone IT Updates |
| Micro-Learnings to support the Digital Journey for SMEs |
| Low Risk Natural Insulation Strategies for Old Buildings |
| Quality in the AEC sector |

General:

- Celebrating 50th Anniversary
- New Masterplan, STEM and Research Buildings

September 2021:

- Formation of the new Technical university with LIT
- Launce of **DASBE** portal giving access to new courses



AIT-LIT
Consortium



AIT/ LIT Consortium now part of The European Universities Network

This is part of an EU-wide ambition to create a centralised European Education Area and will enable students to obtain a degree by **combining studies in multiple EU countries**.

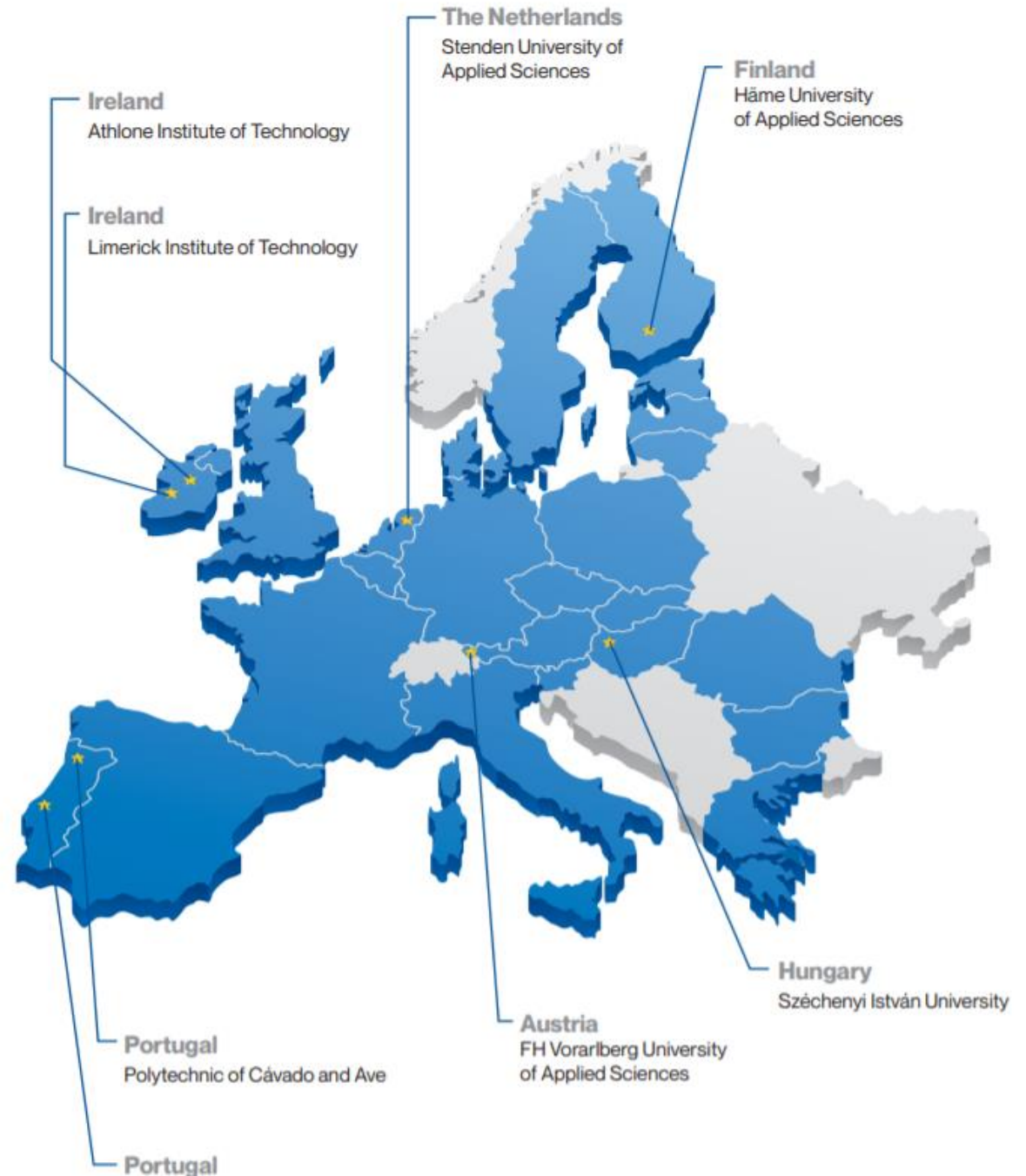
The AIT - LIT Consortium will join its RUN-EU (Regional University Network - European Union) partners in creating one of several new **European universities** capable of transcending languages, borders, and disciplines. The first phase of this ambitious project is expected to be completed by 2024.

AIT / LIT

AIT-LIT
Consortium



European University Partners





Digital Academy for the Sustainable Built Environment



LIT
LIMERICK INSTITUTE
OF TECHNOLOGY



DASBE
Partners

AIT DASBE Project Co-ordinators:

Ms Finola Deavy and Dr. Attracta Foley

Department of Engineering & Informatics

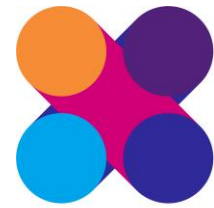


'A hub for the upskilling, capacity building & education in the building sector on green construction, circular economy & digital skills'

- Aim to have 40 programmes engaging a minimum of 2,000 learners by 2025
- Expand our partner list to 5 IoT's and 5 partners by 2025
- Range from CPD and micro-credentials to major awards at level 6-9
- On-line and blended mode of delivery

DASBE
Aims





DASBE

Digital Academy for the Sustainable Built Environment

Construction Professionals

- Need: Continuous CPD
- Response: Existing and New Programmes at Level 8/9 in blended/on-line
- Benefits: Best practice design & development of sustainable solutions

Crafts workers

- Need: New skills/knowledge
- Response: Existing/New Programmes at Levels 6/7/8.
- Benefits: Sustainable employment within changing environment

New Talent

- Need: Attracting students into the construction sector.
- Response: Innovative programmes showcasing industry response
- Benefits: Increased profile of construction as a career and a sustainable supply of high calibre graduates.

Target Groups

Industry Engagement will be key !!

DASBE Themes

- **Energy standards** - near Zero Energy Buildings (nZEB) and Passive House standards driven by EU and National directives; quality and materials management; energy management
- **Retrofitting** - new policies and programmes placing focus on retrofitting of existing and conservation buildings
- **Circular Economy** - a need to focus on re-use, recycling and repurposing of materials within the sector
- **Digital Economy** - Building Information Modelling (BIM) as a key tool in the design and management of buildings;

Industry engagement will be key!!



Speaker Themes linked to DASBE

Some of the Proposed new DASBE courses being developed by AIT:

- Quality Engineering Management for the AEC sector
- Virtual Design & Construction (VDC) Management
- Building Conservation (Repair & Maintenance)
- Construction Data Processing
- Energy and Business Management

Mix of CPD, certificate, diploma up to L6-9



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