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awakening | relevant | innovative | scalable | equitable

Inspiring demand for sustainable energy skills by providing clear learning interactions, transparency of upskilling transactions and recognition qualifications achieved.



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101033864.



PROJECT GOAL

ARISE's goal is to revolutionise the learning process by changing both the delivery and recognition of sustainable energy and digital skills in the design and construction sector.

ARISE's five enabling pillars:

- 1. Alignment** of skills with a harmonised EU Learning Framework
- 2. Access** to online training materials and tools 24/7 on the ARISE platform.
- 3. Assignment** of the digital Market -transferable recognitions, to enable a wide recognition across the EU and beyond.
- 4. "A-Credit-action"** is based on a Continuous Professional Development type method and a novel "cryptocurrency for skills development" reward system → **CERTcoins**.
- 5. Assistance** in the initialisation of legislative changes and supportive procurement measures to further stimulate market demand.

Green and digital skills upskilling and re-skilling.

The EU-funded project ARISE aims to up-skill and re-skill professionals from the design and construction industry providing personalised learning pathways for green and digital skills.

ARISE Digital Learning platform

ARISE project develop a digital learning platform that provide:

- The **Digital Skills Assessment tool**
- The **Task-based Micro-learning content**
- The digital badge certification and accreditation through **ARISE CERTcoin blockchain**

ARISE Digital Skill Assessment tool

The Digital Skills Assessment tool offers companies and individuals a comprehensive overview of the current skills and the required skills to improve their competence in the field of energy-efficient and Building Information Modelling (BIM).



- **Non linear progression**
- **Bite sized micro accreditation**
- **Gamification progression element**

Task-based Micro learning modules

The platform provides an array of learning modules adapted to the learner's needs. The micro-learning modules deliver bite-sized content and certification providing a flexible learning pathway.

The task-based learning modules provide a practical approach to the topics utilising gamification and adaptive learning methodologies in order to stimulate engagement and empower learners to take ownership of their learning pathway.

Digital badges and ARISE CERTcoins blockchain

Digital badges certify the accomplishment of a micro learning module connected with ARISE CERTcoins blockchain. The CERTcoins facilitate future work applications by providing the digital authentication and recognition of acquired badges.

Increasing professional mobility in Europe

The task-based micro-learning modules give comparable and open training that can be validated across the EU increasing mobility of the skilled workforce in the design and building market.

AGILE METHODOLOGY

- Adaptative planning
- Evolutionary development
- Early delivery
- Continual improvement of learning

