Lesson Plan

Module: Blockchain

Unit: Blockchain and IoT opportunities for the SMEs

Desired Core professional goal	Benchmark
Learners will be able to: • Explore Blockchain and IoT opportunities for SMEs	Transaction Throughput Consensus Mechanism Smart Contract Execution Speed Security Interoperability
Level Advanced	**Framework** Evolve

Professional micro-learning outcomes

Learners will explore Blockchain and IoT opportunities for SMEs

Micro-learning activities

Learners will

- Read what this module is about.
- Go back to the book "The Digital Transformation of SMEs", discussed in the "energize" framework, available online for free at https://doi.org/10.1787/bdb9256a-en. Explore the different tools described in the book to enhance digital transformation, including artificial intelligence, internet of things, blockchain etc. Reflect on the tools described in the book.
- Read the online article entitled "IoT blockchain to drive new business models", available at https://futureiot.tech/iot-blockchain-to-drive-new-business-models/.
- Get deeper into the above-mentioned topics by reading the article "The collaborative role of blockchain, artificial intelligence, and industrial internet of things in digitalization of small and medium-size enterprises", available at https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9886850/.
- Explore "Blockchain Opportunities for SMEs in North West Europe" available at https://vb.nweurope.eu/media/20163/blockstart_blockchain-opportunities-for-smes-in-north-west-europe.pdf.
- You may discuss in the course forum sharing your opinion about Blockchain and IoT opportunities for SMEs. It is highly recommended to work collaboratively throughout the course.