Blockchain & Crypto Assets and Tokenisation
ORGANISATION SHEET

Introduction & Objectives	<u>**Objectives**</u>**:** Explain the fundamentals of Blockchains and its potential uses.
Methodology	This course is NOT a webinar but is intended as an interactive programme, even if it is short. Participants are encouraged to engage in the session and to this end to have their webcam on and a well-functioning microphone.
Target audience	<u>**Participants located in North Macedonia**</u> **This course is suitable for audience with non IT Profile and no blockchain knowledge.**
Language	English
Participants	Maximum 20 participants

Expert	Mr Thierry GRANDJEAN, Research Engineer at Luxembourg Institute of Science and Technology https://www.linkedin.com/in/thierrygrandjean/
Duration & Date & Time	2 sessions of 3 hours on November 16 and 17 from 09.00 to 12.00
Platform & Technical requirements	**WEBEX hosted by the House of Training** In order to join the course participants are requested to have: • a stable internet connection • a device (preferably a PC) with well-functioning microphone and webcam (mandatory to be able to interact with the trainer and peers).

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Training Content

"Blockchain Technology" 3h:

- Explain the fundamentals of Blockchain including:

  - What is a Blockchain?
  - How Blockchain works.
  - CryptoGraphic Concept: Hash / Digital Signature
  - Consensus Algorithm: PoW (Mining) – PoS – PoA
  - Soft and Hard Fork
  - Immutability
  - Permissioned BC vs Permissionless BC
  - Smart Contract
  - Overview of main Blockchain Technologies.

- Blockchain Use Cases (Non Financial)
- Weakness of Blockchain based applications
- EBSI (European Blockchain Service Infrastructure)

"Crypto asset and Tokenization" 3h:

- What's a Blockchain? Summary
- How is it possible to transfer money using Blockchain?
- Crypto Currency
- Wallet
- Tokenization Fungible Token
- Non Fungible Token (NFT)
- Blockchain Use Cases (Financial)
- Regulation

Remark: By delivery date, any training documentation shall be subject to regular reviews and updates amending the table of content as described herein.

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