

€ TRAINING

Central Bank Digital Currency CBDC





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Introduction:

This training program educates on central bank-issued digital currencies' concept, design, and implementation. It equips professionals with the understanding and skills to assess and potentially adopt CBDCs.

Program Objectives:

At the end of this program, participant will be able to:

- Identify the requirements and circumstances that made the move to a regulated digital currency necessary.
- Recognize the key technology that will have the biggest impact on the world's banking, financial, and monetary systems.
- Define various forms of digital currency issued by central banks, including their implementation and compatibility.
- Identify the benefits and difficulties of constructing a central bank for digital currencies.
- Compare and contrast the various CBDC projects being carried out globally in terms of technology and cost.

Targeted Audience:

- VPs and head of departments.
- Regulatory authorities directors.
- Central banks executives.
- Executives and C-level employees.
- Digital banking and Innovation teams.

Program Outline:

Unit 1:

The Road to Central Bank Digital Currency:

- What is Money?
- Transition toward a cashless society.

- money economics.
- monetary exclusion.
- Financial and monetary difficulties.
- Bitcoin and other digital assets.

Unit 2:

Concepts of Central Bank Digital Currency:

- What is CBDC?
- CBDC models.
- Design consideration and protocols.
- Implications for the monetary system.
- Disintermediation of banks.
- CBDC governance.
- Interactive workshop: Design a new CBDC!

Unit 3:

Blockchain: The Revolutionary Technology:

- Distributed Ledger Technology.
- Technology for Distributed Ledgers.
- Describe Blockchain.
- Blockchain advantages.
- Different Blockchains.
- Participatory workshop The game of blockchain.
- The financial system and blockchain.
- Spending on blockchain.

Unit 4:

CBDC: Pros, Cons, Challenges & Risks:

- Advantages of CBDC.
- Disadvantages of CBDC.
- Commercial banks and CBDC: a system redesign?
- Challenges of interoperability.
- Security and privacy.
- Compliance and risk management.
- Technical challenges.

Unit 5:

Global CBDC Projects and International Landscape:

- China: Digital yuan.
- Bahamas: Sand Dollar.
- Sweden: E-krona.
- Saudi Arabia/UAE: Aber.
- ECB/France: Digital Euro.
- Discussing multiple central bank CBDC research reports.