

# € TRAINING

Central Bank Digital Currency CBDC





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## Introduction:

This training program provides a comprehensive exploration of Central Bank Digital Currency CBDC, focusing on its evolution, design, and impact on the global financial system. It also addresses the challenges, risks, and ongoing global projects, offering insights into the future of digital currency.

## 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:

- Transition toward a cashless society.

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

## Unit 2:

### Concepts of Central Bank Digital Currency:

- What is CBDC and 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 and its advantages.
- Different Blockchains.
- The financial system and blockchain.
- Spending on blockchain.

## Unit 4:

### CBDC: Pros, Cons, Challenges & Risks:

- Advantages and 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.