



*Training Course:
National Payment System*

*13 - 17 July 2026
Kuala Lumpur (Malaysia)*

Training Course: National Payment System

Training Course code: FI236476 From: 13 - 17 July 2026 Venue: Kuala Lumpur (Malaysia) - Training Course Fees: 5775 € Euro

Introduction

The National Payment System NPS plays a critical role in supporting economic stability, financial inclusion, and efficient monetary policy implementation within any country. It encompasses the infrastructure, institutions, instruments, rules, and procedures that enable the transfer of funds between parties in a secure, reliable, and timely manner.

This training program is designed by Global Horizon Training Center to provide participants with a comprehensive understanding of modern national payment systems, their architecture, governance, regulatory frameworks, and emerging digital transformation trends. The program focuses on equipping professionals with both strategic insights and operational knowledge to enhance payment system efficiency, security, and innovation in line with international best practices such as those set by Bank for International Settlements and World Bank.

Participants will explore real-world models, including Real-Time Gross Settlement RTGS, Automated Clearing Houses ACH, and digital payment ecosystems, while addressing risks, cybersecurity, compliance, and fintech integration.

Course Objectives

By the end of this program, participants will be able to:

- Understand the structure and components of a National Payment System
- Analyze the role of central banks and regulatory authorities in payment systems
- Evaluate different payment infrastructures RTGS, ACH, card systems, mobile payments
- Identify risks associated with payment systems and implement mitigation strategies
- Understand legal and regulatory frameworks governing payment systems
- Explore innovations such as digital currencies, fintech, and open banking
- Enhance operational efficiency and security in payment processing
- Assess strategies for financial inclusion through payment system development

Target Audience

This program is designed for:

- Central bank professionals and regulators

- Banking and financial institution managers
- Payment system operators and specialists
- Treasury and finance professionals
- Fintech professionals and digital banking teams
- Risk, compliance, and audit professionals
- IT and systems professionals in financial services

Course Outline

Day 1: Foundations of National Payment Systems

- Overview and evolution of National Payment Systems
- Key components: institutions, instruments, infrastructure
- Role of central banks and financial institutions
- Payment system classifications wholesale vs retail
- Introduction to global standards and principles BIS guidelines
- Case study: Structure of a leading national payment system

Day 2: Payment System Infrastructure and Operations

- Real-Time Gross Settlement RTGS systems
- Automated Clearing House ACH mechanisms
- Card payment systems and switching networks
- Cross-border payment systems and SWIFT framework
- Liquidity management in payment systems
- Operational processes and settlement cycles

Day 3: Risk Management, Security, and Compliance

- Types of risks: credit, liquidity, operational, systemic
- Risk mitigation strategies and controls
- Cybersecurity in payment systems

- Fraud detection and prevention mechanisms
- Legal and regulatory frameworks
- Compliance with international standards CPMI-IOSCO principles

Day 4: Digital Transformation and Innovation in Payments

- Digital payment ecosystems and mobile payments
- Fintech and its role in reshaping payment systems
- Central Bank Digital Currencies CBDCs
- Open banking and API integration
- Blockchain and distributed ledger technologies
- Case studies: Digital transformation success stories

Day 5: Strategy, Governance, and Future Trends

- Governance models for national payment systems
- Strategic planning and modernization initiatives
- Financial inclusion and payment accessibility
- Performance monitoring and KPIs for payment systems
- Emerging trends and future outlook
- Final workshop: Designing an efficient national payment system framework

Registration form on the Training Course: National Payment System

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