



## Payment Technologies 3.0: Digital, instantaneous, and cross-border

### OVERVIEW:

Fast, faster, instantaneous: Digitalisation has substantially reshaped payment services and infrastructure. The increased demand for faster payments and settlement requires the integration of data flows within the bank, between the bank and clients, as well as between countries. Our seminar begins with an overview of the most important trends in payment and settlement infrastructure, along with their regulatory requirements. Subsequently, we will discuss in detail the required changes to systems, processes, and governance.

By the end of the seminar, you will have a strong understanding of the most important trends in payment and settlement infrastructure, the required implementation steps, and the related challenges. Our seminar qualifies you to lead projects on these initiatives within your firm.

### AGENDA OUTLINE:

#### 1 DAY SEMINAR:

Please refer the following slides

### WHO SHOULD ATTEND:

We believe that this seminar is most useful for participants from:

- Staff members from Operations
- IT architects in clearing and settlement, cash and collateral management
- Anyone interested in these topics

### SEMINAR FORMAT:

- This seminar will be conducted in English
- This session will be conducted via Microsoft Teams. On completion of your registration you will receive a link to the meeting

### COURSE MATERIAL:

- Sessions are recorded and could be obtained on request at the end of the seminar
- Trainers presentation slide decks could be obtained on request at the end of the seminar
- Certificates will be awarded at the completion of the seminar

### CERTIFICATE:

- Certificates will be emailed to the participants on completion of the seminar

## Day 1

|       | Payment Technologies 3.0: Digital, instantaneous, and cross-border   |
|-------|--|
|       | <b>0. Overview of the Recent Trends in Payment Infrastructure: Objectives, Key Players, Status Quo and Timeline (a.o.)</b> <ul style="list-style-type: none"> <li>- Instantaneous payments and Instantaneous Payment Regulation (IPR)</li> <li>- Swift Go, Prepayment Validation, Swift GPI</li> </ul> |
| 09:00 | - G20 Roadmap  |
| 10:30 | <ul style="list-style-type: none"> <li>- ISO 20022</li> <li>- Verifiable LEIs</li> <li>- Token vs. Trigger Payments</li> <li>- API-driven Architectures</li> <li>- MREL &amp; MREL eligible instrument demands on systems</li> </ul>   |
|       | Morning Coffee Break   |
| 10:45 | <b>1. Instantaneous Payments and Instantaneous Payment Regulation (IPR)</b> <ul style="list-style-type: none"> <li>- Commonalities and differences between end-of-day/traditional transfers vs. instantaneous transfers</li> </ul>   |
| 12:15 | <ul style="list-style-type: none"> <li>- Technical requirements for processing instantaneous transfers</li> <li>- Risks of instantaneous transfers and mitigating actions</li> <li>- Regulatory requirements (robustness, integrity, fraud prevention)</li> </ul>                                      |

**Please note:**  
This is a sample schedule and the session topics is illustrative and subject to change.

Have a question? Send us a mail to:  
aaa@aspectadvisory.eu

### Day 1

Lunch Break

13:30

#### 2. Cross-Border Harmonisation of Payments:

- Status quo of European harmonisation (SEPA payment schemes: SCT - SEPA Credit Transfer, SCT Inst - SEPA Instant Credit Transfer, SDD - SEPA Direct Debit, OLO - One-Leg Out Instant Credit Transfer)

- Global harmonisation: G20 Roadmap and ISO 20022

15:00

- Verifiable LEIs
- Required system changes
- Digital central bank money for commercial banks
- Payments in non-FIAT currencies (crypto & co.)

Afternoon Coffee Break

15:15

#### 3. Payment APIs:

- Structure and characteristics
- Standards and regulatory requirements
- Examples
- Functionality gaps between existing and API-based approaches

17:00

#### 4. Regulation of Payment Services:

- EU Payment Services Directive 2 / Law on Supervision of Payment Services
- Payment initiation service vs. "traditional payment services"
- BaFin approval for payment initiation services
- DORA requirements for IT payment infrastructure and the interface between bank and payment service provider