

Update on the digital euro scheme

Market Advisory Group



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24 February 2023



Building blocks for the scheme rulebook

We have identified 6 building blocks, numbered from A to F, covering together all sections of the digital euro rulebook¹

Building blocks	Digital euro rulebook							
F. Scheme generics	 1. Document information References, defined terms, change history, purpose, ownership of the document 2. Digital euro scheme scope and interplay Vision and mission statement, scope, actors, binding nature of the rulebook, separation between scheme and payment infra., benefits of the scheme, additional optional services, scheme participation fees² Image: Comparison of the scheme in the schem							
A. Functional & operational model	3. Functional and operational model – Generic processing flows / end-to-end flows, core requirements / service endpoints / list of attributes, identification & authentication / list of SCA approaches, min. UX standards ³							
B. Adherence model	 Adherence model Scheme participation, reachability & interoperability, eligibility criteria, becoming a participant, scheme register of participants, obligations of participants, liability, compliance and enforcement, rules of supervision, termination, exemptions and potential bilateral agreements, intellectual property, contractual provisions, applicable regulatory / legal framework, governing law 							
C. Technical scheme requirements	 5. Technical scheme requirements IT infrastructure, IT security, Connectivity (e.g., API implementation), interplay with European standardization initiatives (specifications), interface standards / specifications³, non-functional requirements 							
D. Risk management	6. Risk management							
E. Scheme management	 7. Scheme management – Scheme management board, change management process, brand management, scheme operations 							
	8. Defined terms and abbreviations							
	9. Annexes							
	 – Illustrative client journeys and client products, branding standards³ 							
	 Adherence and related documents¹, description of AML fulfillment and sanctions requirements 							
	 Business conditions and commercial terms² 							
	 Functional and technical architecture document including register, SLRs / KPs, reporting requirements and guidelines, reconciliation, interoperability policy to other payment systems Incident management, implementation guidelines including technical standards, certification and approval framework, onboarding document / toolkits³ 							

1. The digital euro legal act currently being prepared may impact the rulebook scope and content and may require subsequent adjustments

2. Out of scope of Rulebook Development Group

3. Out of scope of current phase; to be detailed as part of implementation phase <u>Note:</u> Overlaps with other engagement groups may materialize

High-level approach for the development of the scheme rulebook

High-level approach

Activity						
A. Functional & operational model						
A1. Identification and authentication A2. Minimum end user experience requirements A3. Branding and communication standards Regular approach elements ¹						×
B. Adherence model						
B1a. Rights and obligations of Participants B1b. Adherence and related documents Regular approach elements ¹				X	×	
C. Technical scheme requirements						
C1. Infrastructure related requirements C2. Implementation guidelines Regular approach elements ¹		X				×
D. Risk management D. Risk management						
E. Future scheme management						
E1. Scheme management board E2. Change management process E3. Brand management Regular approach elements ¹					×	
F. Scheme generics						
F1. Scheme compatibility Regular approach elements ^{1,2}	×	8	8			
Planning for Phase 2		 				

imes Launch of workstream mandate

Reflection on building blocks

1. "Regular approach" elements – i.e., sections of the rulebook drafted by the rulebook team without interactions with a dedicated workstream; 2. Updated references and defined terms and abbreviations will be presented on a regular basis to the RDG

Illustrative Client Journeys



Why focusing on client journeys?

In particular, client journeys inform functional requirements, which in turn inform activities necessary from the Eurosystem and intermediaries, and thereby "generic flows", in turn informing tasks and "end-to-end flows"



1. Activities and tasks related to communications between the different intermediaries and with the Eurosystem; internal activities and tasks are out of scope of generic flows and end-to-end flows

A long list of ~45-50 journeys has been identified (including variations of similar use cases)



TM 1.4 – E-Com (incl. C2G) payment with QR Code

Use Case: Payer completes payment by scanning QR Code generated by Payee



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TM 1.6 – M-Commerce payment (in-app)

Use Case: Payer completes payment by using an alias/proxy



TM 1.1 – POS payment with Payee-generated QR Code

Use Case: Payer completes payment by scanning Payee's QR Code



TM 1.2 – POS payment with NFC

Use Case: Payer completes payment by using NFC technology

