

Digital euro scheme Rulebook Development Group (RDG)

11 March 2025

## **Outcome**

### **20<sup>TH</sup> MEETING OF DIGITAL EURO SCHEME RULEBOOK DEVELOPMENT GROUP**

**Date: 04 February 2025 09:30 – 15:15**

In Person – Sonnemannstr. 20, 60314 Frankfurt, Germany

## **Welcome note by the Chair and review of agenda**

The Chair of the Rulebook Development Group (RDG) opened the 20th meeting by presenting the RDG the meeting agenda which was subsequently approved. Mr Karol Godlewski was welcomed as the representative of the Polish presidency of the Council of the European Union. Mr Sjoerd van der Vaart was welcomed as the new Secretary of the RDG.

## **Review of outcome from previous meeting**

Participants were invited to share any comments on the draft outcome from the 19th RDG meeting. RDG members shared no further comments than the comments already provided in written, which were accepted. The approved outcome of the RDG meeting will be published on the ECB website as per usual.

## **Update on discussions with standardisation bodies**

The ECB updated the RDG on its ongoing discussions with standardisation bodies, highlighting good progress happening both on the technical and the governance-related discussions. The latter seek to ensure that the ECB remains informed about developments of chosen standards impacting the digital euro. The ECB confirmed to explore potential standardisation synergies at the point of interaction that is also discussed for instant payments, as suggested by the RDG members.

## **Minimum UX requirements approach**

The ECB presented the RDG a framework to define the minimum user experience (UX) requirements for the digital euro, outlining the principles and underlying criteria to establish when a requirement is needed and what should be included in the requirement. Upon question of the RDG about the potential constraining impact of the common requirements, the ECB stressed the balance it seeks to strike, ensuring a consistent user experience across payment service providers (PSPs) while facilitating PSPs to reuse and build on strengths of existing solutions. The RDG felt the need for a pragmatic approach to validate compliance and highlighted the importance of a channel through which future changes and inquiries of PSPs could be communicated. The RDG was invited to provide further input on the presented framework.

## **Dispute management update**

The ECB updated the RDG on the progress made in the expert sessions on dispute management. When enquired about the treatment of different types of disputes, the ECB confirmed it will make a clear distinction between types of disputes for the digital euro scheme rulebook. Some RDG members pointed out the importance of both consumer protection and economic implications of the solutions

under consideration. After integrating the findings of the expert sessions, the ECB will draft the section for V0.9 of the digital euro scheme rulebook to be presented at a following RDG.

### **Latency considerations**

The ECB updated the RDG on the latency expert sessions and the figures that were discussed for the E2E flow TM-1.2 (online contact and contactless POS payment with mobile devices, cards, or wearables). The RDG acknowledged the ECB's clarifications on the importance of broad validation of these figures as they will inform decisions on the technical architecture. The RDG enquired about regulatory clarifications on the inclusion of sanction checks, which is covered under Article 29 of the proposed digital euro regulation and mirrors the Instant Payment Regulation. Following the suggestion of some RDG members, the ECB confirmed the approach to validate the latency figures in bilateral follow up meetings, after which an additional expert session could be considered.

### **Interface and data structure of Digital Euro Service Platform (DESP) settlement**

The ECB presented the RDG with the proposed high-level functional overview of the interface layer between DESP and PSPs. Two key elements that were presented were the harmonisation of technology based on RESTful APIs for the interfaces, including for the settlement service, and always allowing PSPs to instruct based on market practices, being balance based logic. The ECB mentioned its ongoing analysis and experimentation on the benefits of different data structures for the ledger. The conclusion of the workshop pointing to a preference of RESTful APIs for the interfaces will be validated in the next sprint of the workstream on back-end implementation specifications.

### **Update on offline digital euro**

The RDG appreciated an update on the offline digital euro, which will focus on real-time proximity peer to peer (P2P) and point of sale (PoS) payments without third party involvement, offering the highest level of privacy. The ECB provided a detailed overview of the transaction flow and the technical elements facilitating the offline transactions. Following the onboarding of the vendor, the implementation specifications will be drafted for V0.9 of the digital euro scheme rulebook.

### **Reporting from Workstream D1 Risk management: Operational Risk**

The RDG received an update on the envisaged workstream and planning. Following inquiry by the RDG on the topic of fraud, the ECB explained that following legal analysis the proposed rules on fraud are being drafted and expected to be presented at the March RDG.

### **Preparations for Annex C of the rulebook: Technical Scheme requirements**

The ECB presented the revised scope of Annex C, covering non-functional requirements and Key Performance Indicators (KPIs) and reporting requirements and guidelines. Regarding the non-functional requirements, the RDG asked to clarify that requirements towards technical service providers are indirect requirements.

### **Section 3.6: core requirements, service endpoints and attributes**

The ECB requested the RDG to report on the data needs of their constituencies for business purposes and regulatory compliance purposes. As the ECB underlined the need to start with working assumption, the RDG agreed to collect PSPs' data requirements on a best effort basis whilst the ECB will be looking into providing more clarity on regulatory required data needs of PSPs.

### **Draft Rulebook Annex G: P2P implementation specifications and outlook on G3**

The ECB presented the findings and invited the RDG for a review of the interim report on G2 on front-end implementation specifications, comprising three specification documents. In follow-up to earlier discussions, the ECB presented the functional architecture. Lastly, an outlook on the upcoming sprint for workstream G3 on the specifications between business users and PSPs.

### **Update on workstream G4 (back-end implementation specifications)**

Following up on the presentation at the 19<sup>th</sup> RDG meeting, the ECB presented an updated version of the DESP interface implementation specifications as outcome of the sprint #2. RDG members are invited to review the implementation specification draft v0.3, covering the access management, alias lookup and Tokenisation services. Additionally, the ECB provided the corresponding OpenAPI YAML file.

### **Status of the rulebook workplan and traceability matrix**

The RDG was provided a status and planning of the rulebook sections and topics to be covered during the upcoming RDG meetings. The ECB presented the progress and ongoing work to address all the comments that the RDG provided on the rulebook v0.8. RDG members were invited to keep reviewing the traceability matrix to the extent feasible, in which responses and follow-up actions are provided for each comment. Additionally, the ECB mentioned the ongoing work on the defined terms and abbreviations, foreseen in section 8.

### **Closing remarks from the chair**

The Chair thanked members for their active participation and the constructive exchange and thanked the observers for their presence. The next RDG meeting will take place on Thursday, 22 March.

## **ANNEX 1. Participants to 20<sup>th</sup> MEETING OF THE DIGITAL EURO SCHEME RULEBOOK DEVELOPMENT GROUP (RDG) on 4 February 2025**

### **Representatives from the European retail payments market**

**Consumers – AGE:** Anne Sophie Parent  
**Consumers – BEUC:** Anna Martin  
**Corporate Treasurers – VDT:** Regina Deisemann  
**Merchants – Eurocommerce:** Atze Faas  
**Merchants – Ecommerce Europe:** Juliette Beaulaton  
**Credit Institutions – ESBG:** Pedro Martinez  
**Credit Institutions – EBF:** Rita Camporeale  
**Credit Institutions – EACB:** Vincent Maissin  
**Payment Institutions – EPIF:** Hartwig Gerhartinger (*excused*)  
**Payment Institutions – ETPPA:** Ralf Ohlhausen  
**European Payments Council:** Manfred Richels  
**SMEs – SME United:** Gerhard Huemer (*excused*)  
**Electronic Money Institutions:** Thaer Sabri  
**Acquirers – EDPIA:** Piero Crivellaro

### **Representatives from European institutional bodies as Observer**

**European Commission:** Laszlo Butt  
**European Commission:** Ceu Pereira  
**Polish Presidency:** Karol Godlewski

### **Representatives from the European Parliament Committee on Economic and Monetary Affairs**

**ECON Secretariat:** Cristina Ozon Pereira  
**ECON Secretariat:** Daniel Nagel

### **Representatives from the Eurosystem**

**Deutsche Bundesbank (Germany):** Johannes Seibel  
**Eesti Pank (Estonia):** Anu Keller  
**Banco de Espana (Spain):** Justo Arenillas  
**Banque de France (France):** Pierre-Alexandre Aranega  
**Banca d'Italia (Italy):** Agnese Gentile  
**Dutch National Bank (Netherlands):** Huib Klarenbeek  
**Oesterreichische Nationalbank (Austria):** Eva Kiss  
**Banco de Portugal (Portugal):** Rui Pimentel  
**Suomen Pankki (Finland):** Maria Huhtaniska-Montiel

**European Central Bank:**

Patrick Papsdorf (Chair)  
Eric Tak  
Mayte Arraez  
Panagiotis Papapaschalis  
Marcus Härtel  
Paul Le Manh  
Marianna Belotti  
Andrea Pinna  
Sebastian Siepen  
Helen Jørgensen  
Lauren Del Giudice  
Massimo Cappuccio  
Marianna Belotti  
Magdalena Lesuisse  
Clément Durando  
Lukas Schäfer  
Bea Lin  
Charles-Enguerrand Coste  
Prateek Gupta  
Greta Kasperaviciute  
Petranda Mansour  
Ana Carvalho  
Pieter-Jan Terryn  
Sjoerd van der Vaart  
Victoria Dyczka