



EUROPEAN CENTRAL BANK
EUROSYSTEM

Digital euro scheme Rulebook Development Group (RDG)

10 September 2024

Outcome

17TH MEETING OF DIGITAL EURO SCHEME RULEBOOK DEVELOPMENT GROUP

10th of September 09:00 – 12:00

Virtual meeting

Welcome note by the Chair and review of agenda

The Chair of the Rulebook Development Group commenced the 17th meeting by informing about some main activities around the digital euro scheme's rulebook, like the issuance of the [third progress report](#) on the work of the RDG and rulebook, as well as the [Focus session on digital euro design for the European payments market](#). The agenda for the meeting was then presented and approved.

Review of Outcome of the previous meeting

The participants were invited to provide any comments they may have on the draft outcome of the 16th RDG meeting. The RDG members had no comments and the outcome was subsequently endorsed and will be published.

Workstream G1 Front-end Implementation specifications – Progress update

The ECB's digital euro team provided an update of the Sprint #1 interim report and the planning and scope of Sprint #2. As part of the update, the digital euro team highlighted that a "hybrid tokenisation" approach of QR codes was assumed beneficial and was used as basis for the drafting of related implementation specifications. RDG members took note of the update and highlighted that continuing sharing updates on detailed design choices, such as the one on the reasons for the preference for tokenisation centralised at DESP level, as well as the specifics of "hybrid tokenisation", was important for their understanding of the digital euro. The ECB digital euro project team took note of the point and will continue sharing such information that is required for the drafting of the rulebook and its annexes.

Workstream B1 Certification and approval framework – Progress update

The ECB's digital euro team provided an update on the interim report of Sprint #1 revised after RDG comments as well as on the progress of Sprint #2 revolving around certification and standards and the suggested next steps within this workstream. RDG members welcomed the work and had no further comments at this stage.

Workstream A2 Minimum UX standards – Progress update

The ECB's digital euro team provided an update on the progress of Sprint #2. RDG Members acknowledged the importance to define minimum UX standards and the extensive work of the workstream. The RDG members specifically welcomed and emphasized was the work conducted with experts about the importance of accessibility for which a dedicated meeting of the Workstream took place. The ECB 's digital euro team will share the recording of this meeting with the RDG members.

Workstream D1 Risk management – Progress update

The ECB's digital euro team provided an update on the Sprint #1 interim report comments received by the RDG and the expected table of contents for section 6 of the rulebook on risk management. The aspect of fraud risk and operational (incl. cyber) risk were underlined. RDG members pointed at the interplay between a possible mandatory acceptance as envisaged in the draft legislation and merchants potentially not meeting the potential digital euro scheme risk management requirements. This point will be reflected on in the further work. More generally, the ECB's digital euro team is analysing which EU legislative provisions could apply to the digital euro beyond the draft legislation on establishment of the digital euro.

Workstream G4 back-end implementation specifications – Progress update

The ECB's digital euro team provided an update of the progress after the first meetings of Sprint #1 on DESP interface implementation specifications. RDG members asked questions on synchronous compared to asynchronous communication patterns. The digital euro team will provide further updates on the sprint in the October RDG.

Section 5 Technical scheme requirements - Update

The ECB's digital euro team provided an update on section 5 on technical scheme requirements. RDG members asked about the approach towards defining whether a User Journey will be in general mandatory or optional. The ECB's digital euro team clarified that this will be set in accordance with the legislative proposal. RDG members furthermore asked why the digital euro "smartcard" was not included in the domains appearing in section 5. The digital euro team clarified that this was a deeper level concept to be reflected in sub sections of the rulebook.

Section 8 Defined terms and abbreviations – Update

The ECB's digital euro team provided an update on section 8 on defined terms and abbreviations. RDG members supported the alignment with draft regulation and indicated that some definitions might require more detail compared to the draft regulation.

High-level flows - Update

The ECB's digital euro team provided an update on the reviewed high-level flows, captured in section 3 of the rulebook. An RDG member's reference to include "indirect scheme participants" flows will be followed up.

User Journeys and End-to-End flows – Update and recoding

The ECB's digital euro team provided an update of the review of User Journeys and corresponding End-to-End flows and informed of a newly proposed coding methodology to map them to each other. RDG members had no comments.

“Unhappy” flows - update

The ECB's digital euro team provided a presentation on the development of “unhappy” flows and their proposed integration into end-to-end flows. RDG members suggested specifying the definition of what qualifies as an “unhappy” flow and the team referred specifically technical and functional issues. Specifications for the unhappy flows will be developed with workstreams and form also part of the implementation specifications. RDG members suggested to consider whether the end-to-end flows will also include recovery processes, which will be analysed further.

Workstreams and handling of RDG review comments

The digital euro team provided an update of all running and planned workstreams, as well as the further processing of the comments received during the RDG review of the draft rulebook in Q1 2024. The ECB's digital euro team clarified that almost all comments that required further clarification were clarified and that all comments received were assessed and will be addressed. Furthermore, the digital euro team provided an update of first discussions with payment schemes and the RDG agreed to the proposal to not start workstream F2 on “scheme interoperability” for the time being.

Closing remarks from the chair

The Chair thanked the RDG members for their active participation and the constructive exchange and summarised the key next steps for the Rulebook Development Group. The next RDG meeting will take place on October 8 in Frankfurt.

ANNEX 1. Participants to 17th MEETING OF THE DIGITAL EURO SCHEME RULEBOOK DEVELOPMENT GROUP (RDG) on 10th September 2024

Representatives from the European retail payments market

- Consumers – AGE:** Anne Sophie Parent
- Consumers – BEUC:** Anna Martin
- Corporate Treasurers – VDT:** Regina Deisemann (*excused*)
- Merchants – Eurocommerce:** Axel Schäfer
- 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 the European Commission as Observer

- European Commission:** Laszlo Butt
- Hungarian presidency:** Bibor Kiss (*excused*)

Representatives from the European Parliament Committee on Economic and Monetary Affairs

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

Representatives from the Eurosystem

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

European Central Bank:

Patrick Papsdorf (Chair)

Mayte Arraez

Daniel McLean

Paul Le Manh

Eric Tak

Panagiotis Papapaschalis

Sebastian Siepen

Marcus Härtel

Alexander Merkel

Bea Lin

Ernst Kokke

Paloma Guerria Garcia

Julia Nurminen

Thomas Janik

Charles-Enguerrand Coste

Gilles Brehier

Tim van Diepenbeek