EUROPEAN CENTRAL BANK

EUROSYSTEM

VERSION 2.0

PSP Participation Agreement

Annex 1 Pilot Payment Services

IMPORTANT NOTICE

This is version 2.0 of the document, initially published on 14 April 2026 and republished with **editorial amendments** on 12 May 2026.

A tracked-changes version showing the amendments is published alongside this document.

[*insert if the Pilot PSP will provide distributing services*] **Appendix 1.1 Pilot Payment Services for Distributing PSPs**

	Pilot Payment Services	Description
Access Management	Onboarding of Individual End-User via mobile device	Activation of features that enable the use of Pilot Payment Services by an Individual End-User. This includes Digital Euro Access Number (DEAN) request and mapping, commercial bank money account linkage, liquidity management, and provisioning of payment instruments. Individual End-Users not already banking with the Pilot PSP must be onboarded by the Pilot PSP before initiating the Pilot Payment Services onboarding process.
	Provision of Individual End-User settings via mobile device	Provision of settings that can be managed by Individual End-Users: User Alias management, linked commercial bank money account management, holding limit management, notification preferences, DEAN management.
	Offboarding of an Individual End-User via mobile device	Offboarding of an Individual End-User, resulting in the deactivation of Pilot Payment Services for that Individual End-User.
Liquidity Management	Online manual funding from commercial bank money account via mobile device	Individual End-User-initiated manual top-up of online holdings from a linked commercial bank money account held at the same Pilot PSP used to access Pilot Payment Services.
	Offline manual funding from commercial bank money account via mobile device – same Pilot PSP	Individual End-User-initiated manual top-up of offline holdings from a linked commercial bank money account held at the same Pilot PSP used to access Pilot Payment Services.
	Online manual defunding to commercial bank money account via mobile device – same Pilot PSP	Individual End-User-initiated manual transfer from online holdings to a linked commercial bank money account held at the same Pilot PSP used to access Pilot Payment Services.
	Offline manual defunding to commercial bank money account – same Pilot PSP	Individual End-User-initiated manual transfer from offline holdings to a linked commercial bank money account held at the same Pilot PSP used to access Pilot Payment Services.
	Offline Beta Digital Euro manual funding from online Beta Digital Euro via	Individual End-User-initiated manual top-up of offline holdings from the Beta Digital Euro payment account held at the same Pilot PSP used to access Pilot Payment Services.

	mobile device – same Pilot PSP	
	Offline Beta Digital Euro manual defunding to online Beta Digital Euro via mobile device – same Pilot PSP	Individual End-User-initiated manual transfer from offline holdings to the Beta Digital Euro payment account held at the same Pilot PSP used to access Pilot Payment Services.
	Waterfall and reverse waterfall – same Pilot PSP	Defunding to a linked commercial bank money account when predefined holding limits are exceeded because of a Beta Digital Euro payment transaction and funding of online holdings from a linked commercial bank money account when the transaction amount exceeds the available holdings.
Transaction Management	Online P2P payment transaction via mobile device – typically remote with User Alias or DEAN	Person-to-person (P2P) payment transaction initiated by the Payer by entering the User Alias or DEAN of the Payee on the mobile device, funded with the online holdings available on the device and completed via the internet.
	Offline P2P payment transaction via a mobile device – proximity with NFC[1]	Payer-initiated P2P (Individual End-User to Individual End-User) NFC offline transaction between two mobile devices, using the offline holdings available via the mobile device.
	Online P2B payment transaction via a mobile device – proximity with NFC (SoftPOS)	Person-to-business (P2B) payment transaction between two mobile devices at the point of sale, initiated by the Payee using contactless SoftPOS, funded with the online holdings available on the Payer's device and completed via NFC.
	Online P2B e-commerce or m-commerce payment transaction – remote via seamless embedded authentication redirect (SEAR) / app-to-app redirection / User Alias or DEAN	P2B payment transaction completed via the internet on an e-commerce or m-commerce platform. Use cases include: • e/m-commerce payment transaction where at checkout the Payer provides the Payee with their User Alias or DEAN and the Payer will receive a notification on the mobile device to complete the payment transaction; • m-commerce payment transaction where at checkout the Payer is redirected (app-to-app redirection) from the Payee's app to the Payer's Eurosystem-provided app and proprietary Pilot PSP app; • m-commerce payment transaction where at checkout the Payer is presented with an embedded authentication in the Payee's app.
	P2B refund request	A refund request submitted to a Business End-User (Payee) by an Individual End-User (Payer) for an e/m-commerce payment transaction.

[1] Pilot PSPs do not provide offline transaction management. Pilot PSPs provide a non-physical payment instrument for the execution of offline Beta Digital Euro payment transactions and enable the initiation and reception of offline Beta Digital Euro payment transactions by means of such a payment instrument.

	Balance enquiry via mobile device (online)	Balance enquiry request sent to the Pilot PSP by an Individual End-User via a mobile device (subject to successful completion of an authentication process).
	Transaction history request via mobile device (online only)	Transaction history request sent to the Pilot PSP by an Individual End-User via a mobile device (subject to successful completion of an authentication process).

[*insert if the Pilot PSP will provide acquiring services*] **Appendix 1.2 Pilot Payment Services for Acquiring PSPs**

	Pilot Payment Service	Description
Access Management	Onboarding of Business End-User	Activation of features that enable the acceptance of Beta Digital Euro by a Business End-User, including DEAN request and mapping, commercial bank money account linkage, setting of notification preferences, and issuance of interfaces for accessing and using Pilot payment services. Business End-Users not already banking with the Pilot PSP must be onboarded by the Pilot PSP before initiating the Pilot Payment Services onboarding process.
	Offboarding of Business End-User	Offboarding of a Business End-User, resulting in the deactivation of Pilot Payment Services for that user.
Liquidity Management	Business End-User waterfall and reverse waterfall – same Pilot PSP	Defunding of online holdings to a linked commercial bank money account when the Business End-User's holding limit is exceeded and funding of online holdings from a linked commercial bank money account when the transaction amount exceeds the Business End-User's available holdings.
Transaction Management	Online P2B payment transaction via mobile device – proximity with NFC (SoftPOS)	Online contactless SoftPOS payment transaction between two mobile devices, funded with the online holdings available on the Payer's mobile device and completed via NFC.
	Online P2B e-commerce or m-commerce payment transaction – remote via SEAR / app-to-app redirection / User Alias or DEAN	P2B payment transaction completed via the internet on an e-commerce or m-commerce platform. Use cases include: • e/m-commerce payment transaction where at checkout the Payer provides the Payee with their User Alias or DEAN and the Payer will receive a notification on the device to complete the payment transaction; • m-commerce payment transaction where at checkout the Payer is redirected (app-to-app redirection) from the Payee's app to the Payer's Eurosystem-provided app and proprietary Pilot PSP app; • m-commerce payment transaction where at checkout the Payer is presented with an embedded authentication in the Payee's app.

	B2P refund	Where a payment transaction made by an Individual End-User to a Business End-User is fully or partially refunded by the Business End-User back to the Individual End-User, using the payment information from the original transaction.