

FSB Continuity of Access to FMI for Firms in Resolution

Streamlined information collection to support resolution planning (revised version 2021)

[Common NCB replies]



23 February 2026

DISCLAIMER

The answers to the questionnaire reflect the TARGET operators' current thinking on resolution related matters, based on the TARGET legal framework, as these stood at the time the answers were given.

Under no circumstances should the present answers be construed as industry standards or applicable professional minimum standards in cases of distressed participants or participants in resolution.

In actual cases of resolution, operators of TARGET component systems maintain discretion to take any measures possible within the TARGET legal framework to safeguard the overall stability, soundness and safety of TARGET.

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Executive summary

In May 2019, the FSB held a workshop with industry on continuity of access to FMIs for firms in resolution¹ to discuss possible actions that could be taken to assist authorities and firms in implementing the FSB Guidance on Continuity of Access to Financial Market Infrastructures (FMIs) for a Firm in Resolution of 2017 ('Guidance').²

The Guidance sets out arrangements and safeguards to facilitate continuity of access to FMIs for a firm in resolution. Authorities and firms face similar information needs as they develop their resolution plans and engage with FMIs on arrangements and safeguards to address continuity of access in resolution issues.

As one of several outcomes of the workshop, to reduce the burden of duplicative information gathering efforts, it was suggested that the process of collecting certain baseline information relevant to continuity of access in resolution could be streamlined through the use of a common template or questionnaire for gathering the relevant information. This could reduce the "many to one" nature of inquiries from banks and authorities to FMIs, streamline the provision of this information from FMIs to firms and authorities, and streamline the information gathering process for firms who are members of multiple FMIs.

In the second half of 2019, the FSB's Cross-border Crisis Management Working Group for banks (bankCBCM), in consultation with FMIs and banks, developed a draft questionnaire and consulted relevant FMI oversight authorities with the assistance of CPMI-IOSCO Secretariats. The questionnaire was then published in August 2020 and many FMIs have subsequently developed responses. Following an evaluation of stakeholders' first experiences with the process via an online survey in April 2021, the FSB has now updated the questionnaire.³

All FMIs are encouraged to complete the questionnaire and to publish their responses, or to make them available in other ways to FMI service users and resolution authorities to inform their resolution planning. The FSB emphasises that if an FMI chooses not to complete the questionnaire, it should be prepared to respond to its clients' (and their resolution authorities') information requests within reasonable deadlines as mutually agreed. As the relevant authorities of firms and those of FMIs play a significant part in facilitating the continuity of access to FMIs of a firm in resolution,⁴ it is important that relevant authorities, including those of FMIs, be informed and involved in the process as needed. There may be jurisdictional differences in whether and how authorities are involved.

¹ FSB (2019) *Industry workshop on continuity of access to FMIs for firms in resolution - Informal Summary of the Workshop*, May.

² FSB (2017) *Guidance on Continuity of Access to Financial Market Infrastructures (FMIs) for a Firm in Resolution*, July.

³ This questionnaire focuses on FMI participants that are banks subject to resolution planning, but relevant authorities could also use it as a basis for resolution planning interaction with other FMI participants.

⁴ See Section 3 of the Guidance, Co-operation among authorities and communication between authorities, firms and providers of critical FMI services".

Questionnaire for FMIs

1. Overview

A key objective of effective resolution is to maintain financial stability and the continuity of a bank's critical functions. This requires a firm in resolution to maintain continued access to critical clearing, payment, settlement, custody and other services provided by financial market infrastructures (FMIs).⁵ Access to FMIs is essential for banks⁶ to be able to continue performing their critical functions⁷ or critical services under all circumstances, including in cases where banks need to be resolved. Potential loss of access to any of the critical FMI's services is thus considered a key impediment to resolution. Three levels of access are to be kept in mind: 1) membership/participation (maintaining a valid contract with the FMI); 2) ability to send new transactions; and 3) ability to use ancillary services.

The Financial Stability Board's (FSB) *Guidance on Continuity of Access to Financial Market Infrastructures (FMIs) for a Firm in Resolution of 2017* ('Guidance')⁸ sets out arrangements and safeguards to facilitate continuity of access to FMIs for a firm in resolution. These apply at the level of the providers of FMI services (FMIs and FMI intermediaries), at the level of FMI participants (firms, banks, participants, members, or service users) and at the level of the relevant resolution authorities (RAs) and supervisory authorities.

The FSB made a commitment to consider what further actions could be taken to assist authorities and firms in implementing the Guidance. In relation to Section 2 of the Guidance, authorities and firms face similar information needs as they develop their resolution plans and engage with critical FMI service providers on arrangements and safeguards to address continuity of access in resolution issues. In view of the difference in the nature of the relationship between FMIs and their clients on the one hand, and FMI intermediaries and their clients on the other hand, the FSB has developed separate documents to cover information needed from FMIs and FMI intermediaries, respectively.⁹

For FMIs, the use of a common questionnaire for collecting certain baseline information relevant to continuity of access in resolution should help reduce the burden of information gathering and unnecessary duplication. FMIs are encouraged to publish their responses to the questionnaire, taking into account any confidentiality concerns, to ensure that all participants/members and RAs have access to the same baseline information. (See Section 3 below, "Publication of the responses to the questionnaire"). In order to support firms and authorities in gathering

⁵ FMIs include payment systems, securities settlement systems, central securities depositories, and central counterparties.

⁶ Some participants of FMIs may not be banks. While this questionnaire focuses on bank participants, relevant authorities could use it as a basis for interaction with FMIs on non-banks.

⁷ Activities performed by a firm for third parties, the sudden discontinuation of which may lead to financial instability or impact the real economy. Examples of critical functions may include, but are not limited to, deposit-taking, lending, payment and settlement services, capital market activities and wholesale funding.

⁸ See FSB *Guidance on Continuity of Access to Financial Market Infrastructures (FMIs) for a Firm in Resolution*, 2017 (July).

⁹ While questions in this questionnaire could also apply to FMI intermediaries, the latter are not in scope of this questionnaire. A [framework to support clients in their engagement with FMI intermediaries](#) is published separately to cover the topic for FMI intermediaries.

information from all of their critical FMI services, FMIs owned and operated by central banks could consider also developing responses to this questionnaire.

The questionnaire responses should help authorities and firms to understand, and to the extent possible anticipate, the potential action that FMIs could take in a resolution or in the lead-up to resolution, and how FMIs can support resolution actions where necessary and possible. For their part, FMIs may also need information on the resolution frameworks applicable to their participants to be able to respond to some of the questions. An overview of the resolution frameworks in FSB jurisdictions can be found in Annex 1 of its annual Resolution progress report.¹⁰ Additionally, some jurisdictions are publishing guidance on how resolution of a participant may impact an FMI.¹¹

The information collected should serve as a basis for and supplement to an appropriate level of direct engagement between firms and/or resolution authorities and FMIs regarding actions in recovery and resolution of firms, or any other resolution planning requirements for firms in any jurisdiction.

The questionnaire is not exhaustive and may not fully cover authorities' and/or firms' information needs. In certain cases, they may still need to pursue additional bilateral engagement with the FMI for purposes of their resolution planning, even beyond these topics.

As stated in the FSB Guidance, whether or not an FMI service user (or its parent or affiliate) is in resolution, the FMI should “retain the ability, as specified in its rules or contractual arrangements, to terminate, suspend or restrict participation or continued provision of critical FMI services where the firm fails to meet payment, delivery or other obligations or where the safe and orderly operations of the provider of critical FMI services could be compromised”. Nothing in this questionnaire should be read as seeking to modify the Guidance. **This information sharing is not intended to supersede any contracts or rulebooks governing the relationships between FMIs and their clients. An FMI’s responses to this questionnaire should be considered indicative and not as a firm commitment to how the FMI may or may not use any discretion under its rules or contractual framework.** FMIs may add their own disclaimers to the responses they develop to make this even clearer. If an FMI chooses not to complete the questionnaire, it should be prepared to respond to its clients' (and through them, their resolution authorities') information requests within reasonable deadlines as mutually agreed, to enable them to pursue contingency planning arrangements.

2. Structure of the questionnaire and instructions for completion

The questionnaire is composed of five parts covering:

1. general information on the FMI and its legal structure;

¹⁰ The latest Resolution report can be found here: FSB (2020), *2020 Resolution report: “Be prepared”*, 18 November.

¹¹ Please refer to the “dossiers for FMIs” for information on the resolution tools applicable in selected jurisdictions: e.g. [Banking Union \(SRB\)](#), [Canada \(CDIC\)](#).

2. information on the rulebook / contractual provisions regarding termination;
3. the phase prior to resolution, during signs of distress at the FMI participant;
4. the resolution phase; and
5. arrangements and operational processes to facilitate continued access in resolution.

When responding to the questionnaire, please:

- i. provide relevant information to a reasonable level of detail, appropriate in view of the information needed by clients to conduct their resolution planning;
- ii. reference relevant regulatory or rulebook/contractual provisions whenever possible, and be aware that more information may need to be provided to fully cover a question;
- iii. clearly distinguish in each answer whether the response relates to direct or indirect participants or both;
- iv. clarify in each answer whether your answer applies to all types of services that your FMI provides (please consider separate questionnaire responses in case services are very different);
- v. consider, to the extent relevant, all roles that banks may fulfil in the FMI's ecosystem (intermediary, nostro agent, liquidity provider etc.);
- vi. provide precise cross-references to answers provided in preceding parts of the questionnaire and/or in hyperlinked public documentation if this is useful to avoid the risk of competing published texts; and
- vii. provide any additional clarifications and explanations when answering the questions.

The questionnaire aims to cater to the needs of the clients of different types and sizes of FMIs. There may be questions or answers that could be more specifically targeted to different types of FMIs (e.g. CSDs, CCPs); supplemental explanations can be provided in these cases as well. FMIs should take a proportionate approach to responding to the questionnaire: if a question is less relevant for the context of that FMI, then it need not be answered in detail. FMIs may decide to diverge from the template format as appropriate and choose another way of presenting their answers, as long as it is clear that the response covers all questions. FMIs can also cross-reference to previous answers. The set-up of the questionnaire aims to focus the discussion on specific differences in rules or actions that may affect the phases in the lifecycle of a firm in crisis.

Where relevant, the level of consolidation at which the FMI prepares the information (e.g. on behalf of several group entities) should be appropriate in view of the information needed by clients to conduct their resolution planning.

The FSB does **not** require that the responses to the Questionnaire are provided in English. The language used should be a language that the FMI's clients can process. This could for instance be the language used for the contract and/or the rulebook. That said, English may make the responses better accessible to the global audience, for instance to foreign resolution authorities

that need to understand FMIs' responses for the purpose of resolution planning of banks under their remit.

3. Publication of the responses to the questionnaire

For greater transparency and to optimise the efficiency of the information flow from an FMI to its participants, FSB member authorities prefer for the responses to this questionnaire to be made publicly available, ideally on the FMI's public website and near its disclosures related to the Principles for Financial Market Infrastructures. FMIs are encouraged to discuss the process for publication with their supervisors and overseers as part of their regular engagement.

Where FMIs identify any answers that cannot be made public for reasons of confidentiality, they are nevertheless encouraged to share them (i) with direct and indirect participants upon request; and/or (ii) with authorities.

Where FMIs choose not to publish their responses due to confidentiality concerns, they are asked to publish a reference that a response is available, including the manner in which it can be obtained (e.g. a contact point).

FSB encourages publication by FMIs of the set of responses that is not subject to such concerns, or, at a minimum, non-binding 'presumptive path' summaries of their presumptive reaction to a FMI participant (i) experiencing distress (which may result in the member being suspended or placed into default by the FMI), or (ii) entering into resolution (to understand the differences in treatment of a firm in resolution).

In order for their questionnaire responses to correctly reflect the FMIs' current rules, procedures and operations, FMIs are encouraged to update their responses upon material changes to their rulebooks or contractual agreements and to review them periodically (at least once every two years) to ensure continued accuracy and usefulness. They are asked to show the date of the latest update or review on the above-mentioned public section of their websites and to make their clients' contact points aware of the update through their regular channels of communication.

4. Changes versus 2020 questionnaire template

Upon publication of the questionnaire template in August 2020, the FSB indicated that it would review the experience of stakeholders with the use of the questionnaire in 2021. To this end, an online survey was open for public feedback on the FSB website between 7 April and 3 May 2021 and known stakeholders were notified. A total of 19 submissions were received, most of which were from FMIs and firms subject to a resolution planning requirement. While a large majority of respondents (from various perspectives) indicated that the questionnaire template was useful, a number of suggestions were also made. To the extent feasible, these have been incorporated as clarifications or amendments to the introductory section. No major changes have been made

to the questionnaire itself – this keeps the burden for FMIs low when they update their responses in line with this revised version.¹²

Some stakeholders raised issues that had already been discussed at a virtual outreach meeting in September 2020 and summarised in a Q&A document afterwards.¹³ Those answers remain broadly valid (some have been superseded by the publication of this revised questionnaire). On request of one respondent, the FSB publishes this questionnaire additionally as a Rich Text Format (RTF) file.

5. Definitions for the purposes of the questionnaire

A Financial Market Infrastructure (“**FMI**”) is, as defined by the Key Attributes¹⁴, “a multilateral system among participating financial institutions, including the operator of the system, used for the purposes of recording, clearing, or settling payments, securities, derivatives, or other financial transactions”. As used in this questionnaire, an FMI includes payment systems, central securities depositories (CSDs), securities settlement systems (SSSs), and central counterparties (CCPs). It does not extend to trade repositories or to trading platforms. Given the aim of the questionnaire, FMIs owned and operated by central banks could consider also developing responses to this questionnaire.

The “**bridge institution**” tool aims to set up a bank that can be disposed (thus preserving the critical functions of the failing bank) and to separate it from the rest. It can be applied to maintain the bank’s critical functions, while searching for a third-party purchaser. The tool allows for the transfer of i) instruments of ownership issued by one or more institutions under resolution or ii) all or any assets, rights or liabilities of one or more institutions under resolution to a bridge institution. A temporary bridge institution (also known as a bridge bank) is created and critical functions will be maintained until a sale to a private purchaser can be concluded. Any residual part of the bank that has not been sold is then subject to ordinary insolvency proceedings.

“**Critical functions**” are activities performed by a firm for third parties where failure would lead to the disruption of services that are vital for the functioning of the real economy and for financial stability due to the size or market share of the financial institution or group, its external and internal interconnectedness, and complexity and cross-border activities.

“**Critical FMI services**” are clearing, payment, securities settlement and custody activities, functions or services, the discontinuation of which could lead to the collapse of (or present a serious impediment to the performance of) one or more of the firm’s critical functions. They include related activities, functions or services whose on-going performance is necessary to enable the continuation of the clearing, payment, securities settlement or custody activities, functions or services. Critical FMI services are identified in the course of the resolution planning for a firm and may be provided to a firm either by an FMI, or through an FMI intermediary.

¹² A new question 0 (zero) has been added. In Part V, the questions previously numbered 40(a), 40(b) and 43 have been removed. FSB member authorities emphasise that ad-hoc updates to reflect this in prepared questionnaire responses are deemed not necessary – rather, FMIs can take these changes on board during the next review of their responses.

¹³ FSB (2020), *FSB Continuity of access to FMIs for firms in resolution: informal summary of outreach and Q&A*, 9 December.

¹⁴ See FSB *Key Attributes of Effective Resolution Regimes*, 2014 (October)

“Critical services” or **“critical shared services”**. This is an activity, function or service performed by either an internal unit, a separate legal entity within the group or an external provider, performed for one or more business units or legal entities of the group, the failure of which would lead to the collapse of (or present a serious impediment to the performance of) critical functions.

An **“FMI intermediary”** is an entity that provides clearing, payment, securities settlement and/or custody services to other firms in order to facilitate those firms’ direct or indirect access to an FMI.

The terms **“FMI service user,” “client,” “firm,” “bank,” “participant,”** or **“member”** are used interchangeably in this document to mean a legal entity that is an institution or a group that has access to critical FMI services.

A **“group”** means a parent undertaking and its subsidiaries.

An **“institution”** refers to a ‘credit institution’ or an ‘investment firm’.

A **“provider of critical FMI services”** is an FMI or FMI intermediary that provides critical FMI services.

“Resolution” refers to the exercise of resolution powers or tools by any resolution authority in relation to a firm (including in relation to a parent company and/or any of its affiliates) pursuant to the resolution regime in the firm’s jurisdiction.

Part I: Legal entity and general contract/service information:

0. Please provide:

- a) the date of the most recent version of the answers to this questionnaire, and
- b) an overview of the changes made since the previous version.

Updates to reflect amendments to the Guideline (EU) 2022/912 of the European Central Bank of 30 July 2025 on a new generation TARGET.

1. Please provide the following details:

- a) Full Legal Name

TARGET-HR operated by Hrvatska narodna banka

- b) Legal Entity Identification Number (LEI)

74780000X0J87XKFIL77

- c) Jurisdiction of incorporation and registered number in the relevant corporate registry

TARGET-HR has no legal personality; Jurisdiction of incorporation of Hrvatska narodna banka is Croatia; Hrvatska narodna banka has been established by the law as a legal person not registered in the court registry (Art.2 (3) and (5) of the Act on the Croatian National Bank).

- d) Supervisory, resolution or other relevant regulatory authority responsible for overseeing the activities of your organisation in (i) the relevant jurisdiction(s) of incorporation, and (ii) if different from the jurisdiction of incorporation, the relevant jurisdiction(s) of operation. Where an FMI is overseen by more than one regulatory authority, please also indicate which is the principal/home regulator of the FMI and the relevant function(s) regulated by the respective authorities.

According to Article 3 of the Decision of the European Central Bank of 13 August 2014 on the identification of TARGET as a systemically important payment system pursuant to Regulation (EU) No 795/2014 on oversight requirements for systemically important payment systems (ECB/2014/35), the ECB is the competent authority for the oversight of TARGET.

[https://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1599643157703&uri=CELEX:32014D0035\(01\)](https://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1599643157703&uri=CELEX:32014D0035(01))

In accordance with Article 2 paragraph 5 (2) of Directive 2013/36/EU of the European Parliament and of the Council of 26 June 2013 on access to the activity of credit institutions and the prudential supervision of credit institutions and investment firms (CRD)¹ and Article 1 of Directive 2014/59/EU of the European Parliament and of the Council of 15 May 2014 establishing a framework for the recovery and resolution of

¹ <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=celex%3A32013L0036>

credit institutions and investment firms (BRRD)². Central Banks which operate TARGET components do not fall within the scope of the prudential supervision and resolution regime in the EU.

- e) The ownership arrangement of the legal entity (e.g. is it majority owned by its users?)

According to Article 3 of Guideline (EU) 2022/912 of the ECB on a new-generation Trans-European Automated Real-time Gross Settlement Express Transfer System (TARGET) (TARGET Guideline)³, TARGET is legally structured as a multiplicity of RTGS systems. Article 3.2 of the Guideline provides that each Eurosystem Central Bank shall operate its own TARGET component system.

TARGET is a system of systems owned by Central banks. TARGET-HR is operated by Hrvatska narodna banka. See also response to Question 5.

2. Please provide the following information:

- a) Hyperlink to the published FMI disclosure template under the Disclosure Framework for Financial Market Infrastructures.⁴

<https://www.ecb.europa.eu/pub/pdf/other/t2disclosurereport201805.en.pdf>

- b) A list or description of services provided, including a summary of the key ongoing access requirements that you require of members for each service (including operational, financial, and capital requirements).

TARGET provides its participants with Main Cash Accounts (MCAs) for operations with the central bank and for liquidity management purposes, and with payment services in an RTGS mode with bookings taking place on Dedicated Cash Accounts (RTGS DCAs) as well as with specific services for the cash settlement of securities-related transactions stemming from TARGET2-Securities (T2S) and of Instant Payments in TARGET Instant Payment Settlement (TIPS) by means of T2S-DCAs for T2S and TIPS DCAs for TIPS. While DCAs opened in the books of central banks are legally part of TARGET, the corresponding services are technically provided from the T2S and TIPS platforms of the Eurosystem.

The access criteria and requirements for TARGET are defined in Harmonised Conditions for participation in TARGET (i.e. Annex I to the TARGET Guideline), which govern the opening and operation of accounts in TARGET. The criteria are identical for all TARGET account holders.

Direct participation is allowed for (a) credit institutions established in the Union or the European Economic Area (EEA), including their branches in the Union or the EEA; (b) credit institutions established outside the EEA, provided that they act through a branch established in the Union or the EEA; and (c) national central banks of Member States and the ECB.

In addition, Central Banks may, on a discretionary basis, allow the following entities to be

² <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32014L0059>

³ <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32022O0912>

⁴ See BIS-IOSCO, Principles for financial market infrastructures: Disclosure framework and Assessment methodology, 2012 (December).³

direct participants: (a) treasury departments of central or regional governments of Member States; (b) public sector bodies of Member States authorised to hold accounts for customers; (c) investment firms established in the Union or the EEA, including when they act through a branch established in the Union or the EEA and investment firms established outside the EEA, provided that they act through a branch established in the Union or the EEA; (d) entities managing ancillary systems and acting in that capacity; (da) non-bank payment service providers established in the Union or the EEA, including when they act through a branch established in the Union or the EEA; and (e) credit institutions or any of the entities of the types listed above under (a) to (da) if these are established in a country with which the European Union has entered into a monetary agreement allowing the entities to access payment systems in the European Union.

The responsibilities of MCA, RTGS-DCA, T2S DCA and TIPS DCA holders and the application procedure are defined in the relevant parts of Annex I to the TARGET Guideline, Part I, Part II for MCAs, Part III for RTGS DCAs and Part V for TIPS DCAs respectively. There are no specific financial or capital requirements for participation in TARGET further than those which are set out in the relevant EU or third country legislation governing the incorporation of the participant.

3. Do your members/clients access your services directly or through an intermediary?

With respect to its RTGS services, TARGET currently distinguishes the following types of participation: (i) direct participation; (ii) multi-addressee access; and (iii) addressable BIC holders. These types of participation are described further in the TARGET Disclosure Report for Financial Market Infrastructures.

<https://www.ecb.europa.eu/pub/pdf/other/t2disclosurereport201805.en.pdf>

Participants shall have at least one MCA⁵ with TARGET and may in addition have RTGS DCAs, T2S DCAs or TIPS DCAs. T2S DCA holders may request the respective Central Bank to link its T2S DCA to one or more securities account(s) held on its own behalf or on behalf of its clients which hold securities accounts in one or more participating Central Securities Depositories.

TIPS DCA holders may access the TIPS Platform directly and/or using (one or more) instructing parties – an entity which has been designated as such by a TIPS DCA holder and which is allowed to send payment orders to the TIPS Platform and/or receive payment orders from the TIPS Platform on behalf of that TIPS DCA holder or a reachable party of that TIPS DCA holder. TIPS DCA holders may designate one or more reachable parties which have to meet the criteria laid down in the TARGET Guideline. In this respect, TIPS DCA holders and reachable parties must adhere to the SCT Inst Scheme of the European Payments Council (EPC) and signed the SEPA Instant Credit Transfer Adherence Agreement.

4. Do your members/clients need a specific software or IT programme to receive your services? If the answer is 'yes', is such software/ IT programme your proprietary product or a specific third-party product (please also consider whether specific plug-ins that you require clients to run only run in combination with certain software, e.g. Microsoft products)?

⁵ For Ancillary Systems the holding of an MCA is optional.

Participants may access TARGET via a network service provider (NSP) which holds a concession contract (currently SWIFT and Nexi-COLT) or via another entity which has a contract with an NSP.

5. If your contracts are all governed by one governing law, please specify which governing law this is. If there are different governing laws, please specify the main governing laws applicable and explain whether this is dependent on the location of the services provided or as negotiated with the members/clients, or any other reason.

Although TARGET operates on a single technical platform, it is legally structured as a multiplicity of systems, as indicated above. Each individual TARGET Central Bank owns its own TARGET component system and operates it under the law of its Member State. The TARGET component systems of individual Central Banks encompass the MCAs, RTGS DCAs as well as T2S DCAs and TIPS DCAs opened in their books. Each TARGET component system is designated under the relevant national legislation implementing Directive 98/26/EC of the European Parliament and of the Council of 19 May 1998 on settlement finality in payment and securities settlement systems (SFD).

See also the following link:

<https://eur-lex.europa.eu/legal-content/EN/NIM/?uri=CELEX:31998L0026>

TARGET-HR, being the TARGET component system operated by Hrvatska narodna banka, is governed by Croatian law.

6. Are there any other service providers or FMIs (for example, CSDs, payment systems or other infrastructure) that a member/client would need to have access to in order to receive your services? Please provide the names of those types of service providers and their regulatory status, where applicable.

As mentioned under Question 4, participants need to register with an NSP.

7. Does your operating framework recognise the continued operations of FMI participants once they enter into resolution (e.g. as under the Bank of England's Resolvability Assessment Framework, or the Single Resolution Board's Expectations for Banks)?

Yes, the TARGET Guideline (Article 25.1 Annex I Part I), states that the taking of crisis prevention measures or crisis management measures within the meaning of Directive 2014/59/EU shall not automatically qualify as the opening of insolvency proceedings. The opening of insolvency proceedings shall result in immediate termination or suspension of a participant's participation in TARGET and continuance in operations would not be possible.

See also Articles 38.12.b and 40.10.b of the BRRD on the continued access of purchasers and of bridge institutions to, inter alia, payment systems.

As regards Croatian law, Articles 38.12.b and 40.10.b of the BRRD are implemented in Articles 71(14), 71(15), 71(16), 71(17) and 73(15), 73(16), 73(17), 73(18) of the Act on the Resolution of Credit Institutions and Investment Firms.

Part II: Rulebook / Contractual provisions regarding termination⁶

8. Discretionary termination rights.

- a) Rule Book / Participation agreement provisions: which provisions give rise to a right to terminate a service user's access? Are the FMI's termination provisions disclosed publicly? If so, please provide any link(s) to that information.

Article 24 Annex I Part I of the TARGET Guideline contain provisions covering ordinary termination of participation in TARGET; Articles 25 Annex I Part I, of the TARGET Guideline define the rules for suspension and extraordinary termination of participation in TARGET. The TARGET Guideline and the arrangements adopted by the Central Banks implementing the Harmonised Conditions, including the termination provisions, are disclosed publicly.

The TARGET Guideline as well as the corresponding amending Guidelines and the Terms and Conditions for participation in TARGET-HR can be found under the following link:

<https://www.hnb.hr/-/odluka-o-pravilima-rada-sustava-target-hr> .

- b) Are these provisions based solely on objective criteria, or can the FMI exercise judgement when triggering termination?

According to Article 25.1 Annex I Part I, to the TARGET Guideline participation in TARGET shall be immediately terminated without prior notice or suspended if one of the following events of default occurs:

- (a) the opening of insolvency proceedings; and/or
- (b) the participant no longer meets the access criteria laid down in Article 4 of the Harmonised Conditions.

In the following cases defined in Article 25.2 Annex I Part I, to the TARGET Guideline, the relevant Central Bank may terminate without prior notice or suspend the participant's participation in TARGET:

- (a) one or more events of default (other than those referred to in paragraph [25.1 above] occur;
- (b) the participant is in material breach of these Conditions;
- (c) the participant fails to carry out any material obligation to the respective Central Bank;
- (d) the participant ceases to have a valid agreement with an NSP to provide the necessary connection to TARGET;
- (e) any other participant-related event occurs which, in the Central Bank's assessment, would threaten the overall stability, soundness and safety of the respective TARGET component system or of any other TARGET component system, or which would jeopardise the CB's performance of its tasks as described in relevant national law and in the Statute of the European System of Central Banks

⁶ If your FMI also has the option to suspend rather than terminate membership, please specify for each answer whether and how it would differ for suspension. Please also note Question 4, which asks about the details of suspension in your FMI's provisions.

and of the European Central Bank, or poses risks on the grounds of prudence;

(f) an NCB suspends or terminates the participants access to intraday credit, including auto-collateralisation, pursuant to Part II, Article 13; and/or

(g) the participant is excluded from or otherwise ceases to be a member of one of the NSP Closed Group of Users.

The decision of the relevant TARGET Central Bank would follow an assessment of the particular circumstances of each situation on a case-by-case basis. According to Article 25.3 Annex I Part I, in exercising its discretion under paragraph 2, the Central Bank shall take into account, inter alia, the seriousness of the event of default or events mentioned in subparagraphs (a) to (c).

- c) Does the FMI use 'forward looking' indicators that may trigger termination, and if so, which ones?

As mentioned under 8.b) above, the relevant Central Bank may terminate without prior notice or suspend the participants' participation in TARGET if a participant related event occurs which, inter alia, poses risks on the grounds of prudence. The decision of the relevant TARGET Central Bank would follow an assessment of the particular circumstances of each situation on a case-by-case basis. The TARGET Guideline does not include pre-defined quantitative or qualitative indicators to be used in the assessment.

- d) Do the FMI's provisions envisage that (i) financial stress on the participant's side (as defined in its provisions – please provide the definition of such stress) and/or (ii) a resolution event (recognised in the relevant jurisdiction) qualifies as a material change that may trigger termination?

Financial stress on the participant's side and/or entering into resolution would not automatically qualify as a material change that may trigger termination.

- e) During stress or resolution of the member, are actions by other FMIs taken into account as possible indicators or triggers for termination?

Actions by other FMIs would be monitored by the TARGET operator. However, they would not automatically trigger termination of participation in TARGET. That would depend only on the assessment of the risks the participant in resolution may cause to TARGET and to its participants (contagion risk).

- f) Are there any other relevant provisions regarding termination? If so, please explain why they are necessary for the FMI to enable rights for termination.

See BRRD provisions referred to under Question 7.

9. Suspension or restriction of membership.

- a) Does your framework allow for suspension or restriction of a participant's membership rather than termination? If yes, what exactly does this imply (for instance, limiting the right to enter new transactions in the system)? Please explain any differences to termination.

The TARGET Guideline recognises both termination and suspension of participation

(see the Information Guide for TARGET participants⁷ part 2 chapter 4.2, part 3 chapter 4.2 and part 4 chapter 4.9) as well as the following Articles in Annex I to the TARGET Guideline, Part II Article 9, Part III Article 14, Part IV Article 7 and Part V Article 10, and the Articles referred to under Question 8.b). What is required and/or allowed in a specific case is a matter of national law.

For MCAs, RTGS DCAs and T2S DCAs, upon termination of a participant's participation, any accounts cease to exist and, therefore, the relevant TARGET component system will not accept any new payment orders from such account holder. For MCAs and RTGS DCAs Payment orders in the queue, warehoused payment orders or new payment orders in favour of such account holder will be rejected. If a participant is suspended from TARGET on grounds other than the opening of insolvency proceedings, all of its incoming payments and outgoing payment orders will be stored and only submitted for settlement after they have been explicitly accepted by the suspended participant's Central Bank. If a participant is suspended from TARGET on the grounds of opening of insolvency proceedings, any outgoing payment orders from that participant's account(s) will only be processed on the instructions of its representatives, appointed by a competent authority or a court, such as the participant's insolvency administrator, or pursuant to an enforceable decision of a competent authority or a court providing instructions as to how the payments are to be processed. All incoming payments will be stored and only submitted for settlement after they have been explicitly accepted by the suspended participant's Central Bank.

Upon termination of a TIPS DCA holder's participation, the relevant TARGET component system will not accept any new payment orders to or from that TIPS DCA holder. If a TIPS DCA holder is suspended on grounds other than the opening of insolvency proceedings, the suspended TIPS DCA holder's Central Bank will either: (a) reject all of its incoming payment orders; (b) reject all of its outgoing payment orders; or (c) reject both its incoming and outgoing payment orders. If a TIPS DCA holder is suspended on the grounds of opening of insolvency procedures, the suspended TIPS DCA holder's Central Bank will reject all incoming and outgoing payment orders. The Central Bank will process instant payment orders of a TIPS DCA holder whose participation has been suspended or terminated and in relation to which the Central Bank has reserved funds on a TIPS DCA pursuant to Article 6(3)(b) of Annex I Part V of the TARGET Guideline prior to the suspension or termination.

Rules on suspension versus termination in case of insolvency proceedings against credit institution established in Croatia as a participant in TARGET-HR are defined in the Compulsory winding-up of credit institutions Act.

According to the Act on Enforcement over monetary funds, participation in TARGET-HR of TARGET account holder shall be suspended and all of its outgoing payment orders shall be rejected until its debt has been settled.

- b) Is there a specific timeline for a suspension period before it leads to termination of membership, and are there circumstances where suspension may be lifted without a termination of membership?

⁷ <https://www.ecb.europa.eu/paym/target/target-professional-use-documents-links/t2/html/index.en.html> (T2 Participation/Registration / Supporting Documents)

Subject to applicable national law, participation may be directly terminated without prior suspension. At the same time, suspension does not automatically lead to termination after a specific timeline. If the reason for suspension no longer exists, suspension may be lifted without a termination of participation.

For participants in TARGET-HR, the timeline for a suspension period and conditions under which suspension may be lifted are defined in the Compulsory winding-up of credit institutions Act and the Act on Enforcement over monetary funds.

10. Critical FMI service rules, contractual arrangements, or procedures should reflect any legal restrictions on termination and suspension of access because of an FMI service user entering into resolution (FSB 2017 Guidance, 1.1).

- a) In what way do your rules, contractual arrangements and procedures reflect this?

The taking of crisis prevention measures or crisis management measures within the meaning of BRRD against a participant shall not automatically qualify as the opening of insolvency proceedings within the meaning of SFD or the TARGET Guideline. This means that there would be no automatic suspension or termination of the account of an entity in resolution. At the same time, the TARGET Operator retains its discretion to suspend or terminate an account holder's participation in accordance with Articles 25.2 Annex I Part I to the TARGET Guideline, if an ordinary event of default (other than the opening of insolvency proceedings) listed in the respective provisions has occurred. In exercising its discretion, the Central Bank shall take into account, inter alia, the seriousness of the event of default or events mentioned in subparagraphs (a) to (c) of the respective Articles.

The TARGET Guideline does not automatically trigger any termination or other rights, obligations or procedures based on the sole ground of a participant entering into resolution. Participants are only subject to an information duty vis-à-vis their Central Bank if they become subject to crisis prevention measures or crisis management measures within the meaning of the BRRD (Article 11.9 Annex I Part I to the TARGET Guideline).

There is no suspension or termination of the participation in TARGET2-HR of a credit institution established in Croatia on the sole ground of its entering into resolution.

- b) Do such arrangements include the effect of parent or affiliates entering resolution?

Parent and affiliates are separate legal persons and there is no automatic termination or suspension of the participation in TARGET-HR of a credit institution established in Croatia on the ground of its parent or affiliate entering into resolution.

- c) Do you have any plans to amend or otherwise change, or have you recently changed your rules, contractual arrangements or procedures to address legal restrictions on termination of access in the event that an FMI service user enters resolution? If so, please provide details of the proposed/applied changes.

No changes planned.

11. Triggers, procedure and consequences of termination of FMI participation.

- a) Triggers: in which situations would termination be considered? Is participation/membership generally terminated in case of financial stress? Are these criteria clearly outlined in the rulebook or other contractual documentation (please include the relevant references)?

See response to Question 8b). The circumstances under which participation shall be and under which it may be suspended or terminated are described in Article 25.1-2 Annex I Part I to the TARGET Guideline.

- b) Please explain the management and monitoring around the termination process - steps and timelines of the escalation and decision-making, as well as of the implementation of termination. (Please provide concrete examples, if any, of participation/membership terminations and flag, where relevant, any changes made to the termination process since).

Timelines and the implementation of termination of the participation in TARGET-HR of a credit institution established in Croatia are defined in the Compulsory winding-up of credit institutions Act.

- c) What are the consequences of termination on the participant/member's ability to access the FMI's services? Would the firm be able to complete the processing of any outstanding transactions (e.g. not accepted for clearing or settlement, or in process but not complete) it has in the FMI's systems, or are these cancelled or liquidated?

Termination is to be distinguished from suspension in the following sense (see also response to Question 9a)):

- Termination: account ceases to exist;
- Suspension: payments can only be continued upon instructions of the public administrator, authority or court in case of insolvency, or after approval by the relevant Central Bank in case of suspension on other grounds.

- d) Would the decision to terminate participation/membership be notified ex ante (i.e. before it takes effect) to the competent authorities of (i) the direct participant and/or of (ii) the FMI? Would this decision be communicated ex ante to the participant itself? On both aspects, how long in advance of actual termination would such notifications occur?

According to Article 28.3(c) Annex I Part I, to the TARGET Guideline, the Central Bank may disclose payment, technical or organisational information regarding the participant, participants from the same group or the participant's customers obtained in the course of the operation of TARGET inter alia to supervisory, resolution and oversight authorities of Member States and the Union, including Central Banks, to the extent that this is necessary for the performance of their public tasks, and provided in all such cases that the disclosure is not in conflict with the applicable law.

Articles 15.2 and 17.2 of the TARGET Guideline are referring to the competent authorities.

- e) What impact would a participant/member's termination have on their parent/subsidiaries' direct membership in the FMI?

In the case of subsidiaries there will always be a separate assessment and no automatic

termination of either the subsidiary or the parent. In the case that the two participants are the same legal entity (e.g. branch), both accounts would always be terminated.

- f) Does the FMI have cross-default provisions in its rule set? Could it put a member in default because of an affiliate's insolvency or of an indirect participant/client's default or do the rules explicitly prevent or exclude such automatic termination (as long as other obligations are being met)?

There are no cross-default provisions. Events under Articles 25. 1-2 Annex I Part I, to the TARGET Guideline apply only to the respective entity.

- g) What assistance would the FMI provide with the porting (within the FMI) of the participant's direct and/or indirect positions/outstanding transactions to a parent/subsidiary membership, third-party successor or bridge entity?

No porting mechanism is foreseen in the Harmonised Conditions. Under Article 33.1 of Annex I Part I (and the respective provisions of the other Annexes to the TARGET Guideline) rights and obligations from the TARGET participation may not be transferred without the approval of the respective Central Bank.

- h) Please discuss any other points related to termination.

12. FMIs should retain the ability, as specified in rules or contractual arrangements, to terminate, suspend or restrict participation or continued provision of services where the firm fails to meet obligations or where safe and orderly FMI operations could be compromised (FSB 2017 Guidance, 1.1).

- a) Under what conditions, if any, could safe and orderly FMI operations be at risk from maintaining participation of a service user in resolution?

As mentioned under Question 7, Articles 25.1 Annex I Part I to the TARGET Guideline state that the taking of crisis prevention measures or crisis management measures within the meaning of BRRD against a participant shall not automatically qualify as the opening of insolvency proceedings within the meaning of SFD or the TARGET Guideline.

Specific risks shall be assessed on a case by case basis in this sense, Articles 25.2 Annex I Part I foresee among the cases where the Central Bank may terminate or suspend the participant's participation, the case where an event relating to such participant occurs, which would threaten the overall stability, soundness and safety of the relevant TARGET component system or of any other TARGET component system.

- b) Which indicators, if any, can a participant use to anticipate that such a scenario may occur?

The circumstances in which suspension or termination shall or may happen are defined in the TARGET Guideline. For a possible suspension or termination on grounds of prudence according to Articles 25.2(e) Annex I Part I, there are no pre-defined indicators apart from those listed in those Articles. This would depend on the assessment of the specific case, but it can be assumed that such grounds have to be of a seriousness comparable to that of the other items in the list.

13. Are there any further aspects or issues to mention in relation to the provisions for termination or suspension of membership? If possible, please provide concrete examples of specific factors that were considered in the past when assessing whether to exercise judgement to terminate or suspend a participant's access. Please elaborate.

Regarding pledges, on the occurrence of an event of default, referred to in Articles 25.1 Annex I Part I or any other event of default or event referred to in Article 25.2 Annex I Part I of the TARGET Guideline that has led to the termination or suspension of the participant's participation, notwithstanding the commencement of any insolvency proceedings in respect of a participant and notwithstanding any assignment, judicial or other attachment or other disposition of or in respect of the participant's rights, all obligations of the participant shall be automatically and immediately accelerated, without prior notice and without the need for any prior approval of any authority, so as to be immediately due (Articles 27.4 Annex I Part I of the TARGET Guideline).

Part III: Prior to resolution, during signs of distress at the participant

The questions in this section assume a situation of stress, in which one of the FMI's (direct) participants/members, or an affiliate company, exhibits signs of distress. Please distinguish in case there are differences between situations of idiosyncratic vs. market stress.

To avoid duplication, respondents may cross-reference other answers when appropriate.

14. What management and monitoring process(es) does the FMI have in place to identify a situation of stress of a (direct) FMI participant or its affiliate?

In TARGET the account holding Central Bank has visibility of the individual transactions and payment patterns of the participant concerned.

15. Which indicators does the FMI consider as part of its management and monitoring in order to determine whether its participants/members face difficulties due to idiosyncratic and/or market stress (outside of entry into resolution)?

There are no predefined stress indicators at overall TARGET level.

16. What risk mitigation actions could the FMI take under its rules / internal procedures vis-à-vis the participant or member? Which of those potential actions are likely, i.e. to be expected by the firm? How would risk mitigation vary in the event of mild, moderate, and severe stress situations at a participant/member? Could actions be taken even though the participant/member meets its obligations?

According to Articles 11.1 Annex I Part I to the TARGET Guideline, in performing their obligations and exercising their rights, the Central Banks and their respective participants shall cooperate closely to ensure the stability, soundness and safety of TARGET. They shall provide each other with any information or documents relevant for the performance of their respective obligations and the exercise of their respective rights, without prejudice to any banking secrecy obligations.

The respective Central Bank decides on the basis of individual cases, which information it would require from the participant.

At overall TARGET level there are no predefined stress related mitigation actions which a participant would be expected to take.

As previously mentioned, in an extreme scenario and subject to the previous statements on the relative seriousness of the events or indications, participation in TARGET may be suspended or terminated if a participant-related event occurs which, in the Central Bank's assessment, would threaten the overall stability, soundness and safety of the respective TARGET-component system or of any other TARGET component system, or which would jeopardise the Central Bank's performance of its tasks as described in relevant national law and the Statute of the European System of Central Banks and of the European Central Bank, or poses risks on the grounds of prudence. See Articles 25.2(e) Annex I Part I of the TARGET Guideline. In case of suspension or termination of a participant's participation, the relevant Central Bank shall inform, by means of a broadcast message, that participant, other CBs and participants in all of the TARGET component systems of such suspension or termination. In case of suspension or termination of a TIPS DCA holder's participation, the relevant Central Bank shall inform, by means of a broadcast message, the other CBs and participants.

17. What self-reporting requirements are placed on the member/participant in a situation of stress (e.g. additional reporting, increased reporting frequency; evidence of operational and financial capacity)? Please provide any templates or overviews of required data points, where available.

At overall TARGET level no self-reporting requirements have been defined. However, please see the reference in the response to Question 16 to the general cooperation requirements laid down in Article 11 Annex I Part I of the TARGET Guideline.

18. Please explain the methodology used to calibrate additional membership requirements (including operational, financial and capital requirements) for a member/client in financial stress outside of resolution.

The participation criteria are objectively regulated in the TARGET Guideline. The calibration of additional participation requirements in case of certain events is not foreseen. That said, according to the relevant application procedures foreseen under Articles 5.5(c) Annex I Part I to the TARGET Guideline, the relevant Central Bank shall reject the application to participate if, inter alia, in its own assessment such participation would endanger the overall stability, soundness and safety of the relevant TARGET component system or of any other TARGET component system, or would jeopardise the Central Bank's performance of its tasks as described in the relevant national law and the Statute of the European System of Central Banks and of the European Central Bank, or poses risks on the grounds of prudence.

19. Please describe for each of the below risk mitigation actions, in as far as they form part of the FMI's set of potential risk mitigation actions: (i) whether these actions are discretionary or pre-determined, e.g., would the FMI follow a required set of actions, which may be described in its rule book; (ii) in which way, if at all, the FMI could deviate from the predetermined procedure so as to either disregard a mandated risk mitigation action or adopt a non-standard action?

- i. Increasing membership contributions (e.g. default fund/loss sharing contributions), mandating pre-funding, restricting withdrawal of deposits;

- ii. Increasing initial/variation margin/collateral requirements, restricting collateral types, removing cross-margining facilities; increasing liquidity obligations;
- iii. Removing credit lines, reliance on parental guarantees or securities borrowing facilities;
- iv. Enforcing trading controls including position limits, restricting markets;
- v. Termination or suspension of participation/membership.

Regarding, the removal of credit lines (item iii), suspension, limitation or termination of intraday credit is included in Article 13. of Annex I Part II to the TARGET Guideline. This provision determines when a Central Bank either (i) shall suspend or terminate access to intraday credit (e.g. when the account of the entity with the euro area NCB is suspended) (=automatic) or (ii) may do so (=discretionary).

Regarding participation, apart from the few cases defined in Article 25.1 Annex I Part I to the TARGET Guideline (=automatic events), the termination or suspension of participation (item v) in cases defined in Article 25.2 Annex I Part I is at the discretion of the Central Bank (=discretionary events/grounds). However, such discretion would need to take into account general legal principles such as proportionality (i.e. materiality of the event, impact on the participant etc.). The other risk mitigation actions mentioned above are not relevant for TARGET.

20. Please answer question 19 also for other risk mitigation actions, if any, that are not mentioned here and would likely be taken.

N/A

21. In a situation of idiosyncratic or market stress, in which one of the FMI's (direct) participants/members, or an affiliate company, exhibits signs of distress, communications and notifications may be necessary. Please distinguish in the below in case there are differences between a situation of idiosyncratic vs. market stress.

- a) What notifications or communications would the FMI undertake to the participant/member, their competent and/or resolution authority, the FMI's competent and/or resolution authority, the stressed firm's settlement agent, and other stakeholders, and when? Would any of these be based on an obligation for the FMI to notify?

As stated under Question 16, according to Articles 11 Annex I Part I, of the TARGET Guideline, in performing their obligations and exercising their rights, the Central Banks and their respective participants shall cooperate closely to ensure the stability, soundness and safety of TARGET. They shall provide each other with any information or documents relevant for the performance of their respective obligations and the exercise of their respective rights, without prejudice to any banking secrecy obligations.

Moreover, according to Articles 28.3 Annex I Part I to the TARGET Guideline, the Central Bank may disclose payment, technical or organisational information regarding the participant, participants from the same group or the participant's customers obtained in the course of the operation of TARGET inter alia to supervisory, resolution and oversight authorities of Member States and the Union, including CBs, to the extent that this is necessary for the performance of their public tasks, and provided in all such cases that the disclosure is not in conflict with the applicable law.

In addition to these two general provisions, the TARGET Guideline does not include provisions on notifications or communications with participants or with competent and/or resolution authorities in situations of stress prior to resolution of a TARGET participant.

- b) Do you have a specific communication plan for this, or does your approach leverage existing crisis communication mechanisms? In both cases, please describe the main features of the approach.

There is no specific communication plan for this at overall TARGET level.

- c) Does the FMI need to get consent from the firm or inform the firm prior to a notification or communication?

If such information provision would fall under Articles 28.3 Annex I Part I to the TARGET Guideline, it would not require the consent of the firm.

- d) Do the communication/notification protocols require specific factors to be considered, for example legal implication, market impact, etc.?

N/A

- e) Are your communication protocols standardised across participants or do they take into account the specificities of firms' participation and roles in respect of the FMI?

N/A

22. Alleviating uncertainty for the FMI.

- a) Which actions could the firm or the relevant authorities take in order to alleviate uncertainty for the FMI, and reduce the risk that the FMI may take risk mitigation actions that may have an adverse financial impact on the firm?

Taking into account the general cooperation and information exchange obligation of Article 11 Annex I Part I to the TARGET Guideline, a participant that is under financial stress that affects, for example, its normal payments behaviour in a way that could threaten the smooth operation of TARGET and/or adversely affect other participants or the settlement of TARGET ancillary systems in which it participates, should inform its account holding Central Bank.

- b) Which data / quantitative information and what qualitative information might you need to receive from the participant and/or RA in order to allow the participant to maintain access (please consider the three levels of access mentioned in footnote 3)? Please specify by when you would need each piece of information, if appropriate.

N/A

- c) What other actions could be taken ex-ante to avoid a temporary interruption of services or the risk of some transactions remaining unexecuted?

N/A

- d) Please discuss any other considerations.

N/A

23. Considering adverse financial impact of FMI risk mitigation actions on direct/indirect participants.

- a) Some actions, designed to protect the FMI, may precipitate the failure of the relevant participant/member or worsen its position at the time of resolution. How does the FMI consider this when deciding to protect itself?

Grounds for termination or suspension under Articles 25.2 Annex I Part I to the TARGET Guideline are discretionary. In exercising their discretion, Central Banks would consider whether a termination or suspension would precipitate problems for the stressed participant which would threaten the overall stability, soundness and safety of the respective TARGET component system or of any other TARGET component system, or whether it would jeopardise the Central Bank's performance of its tasks as described in relevant national law and the Statute of the European System of Central Banks and of the European Central Bank, or would pose risks on the grounds of prudence.

Articles 25.3 Annex I Part I stipulate that, when Central Banks, as operators of TARGET, exercise their discretion under paragraph 2 of the above Articles in deciding to terminate or suspend participation in a TARGET component system, they have to take into account, inter alia, the seriousness of the event of default or of the events mentioned in points (a) to (c) of the respective Articles.

- b) Does the FMI take into account the impact on indirect participants of actions taken in response to a direct participant/member facing financial stress?

Yes, this would be part of the case-by case assessment mentioned under item a) above.

24. Possible differences in treatment of domestic and foreign FMI service users entering into resolution.

- a) Do you differentiate in your treatment of domestic and foreign FMI service users, and if so in what way?

Domestic and foreign participants entering into resolution are treated equally.

- b) Among foreign users, is there a distinction for users from certain jurisdictions? If so, what are those distinctions?

No, there is no such distinction.

25. Safeguards in jurisdictional legal frameworks.

- a) How do you assess whether the resolution framework of the jurisdiction in which a firm resides provides adequate safeguards to the provider of critical FMI services? ⁸

Credit institutions and investment firms established outside the EEA are eligible for participation in TARGET provided that they act through a branch established in the Union or the EEA. These institutions need to provide a country opinion in the form specified in Appendix III of Annex I, of the TARGET Guideline, unless the information and representations to be provided in such country opinion have already been obtained

⁸ See FSB, *Principles for Cross-border Effectiveness of Resolution Actions* 2015 (November)

by the relevant Central Bank in another context. Such country opinions include specific references to, inter alia, general insolvency and crisis management issues, enforceability of system documents, processing or payment orders, remedies in the event of default, suspension or termination.

- b) From which regulatory regimes (e.g. countries) do you accept service users?

In addition to the answer provided under Question 2b), TARGET accepts as participants only institutions which are not subject to restrictive measures adopted by the Council of the European Union or Member States pursuant to Articles 65(1)(b), 75 or 215 of the Treaty, the implementation of which, in the view of the relevant Central Bank after informing the ECB, is incompatible with the smooth functioning of TARGET (Articles 4 Annex I Part I). In accordance with Article 4(2)(e) Annex I Part I, Central banks may, at its discretion, also admit credit institutions or any of the entities of the types listed in Article 4.2 (a) to (da) to Annex I Part I, may be admitted as participants by the Central Banks, in both cases where these are established in a country with which the Union has entered into a monetary agreement allowing access by any of such entities to payment systems in the Union subject to the conditions set out in the monetary agreement and provided that the relevant legal regime applying in the country is equivalent to the relevant Union legislation.

As regards access criteria, we refer to Questions 2 b) and 25 a).

26. Are there any further aspects or issues to mention in relation to interaction between the FMI and a participant in financial stress? Do you have any examples of past experiences where the FMI has utilised its powers in relation to a member undergoing stress? What actions were undertaken and what were the outcomes? Could this example be indicative of actions that may be taken in a future case?

N/A

Part IV: During and after resolution

To avoid duplication, respondents may cross-reference other answers when appropriate.

27. When the FMI becomes aware of a participant entering a resolution process, which actions would the FMI be likely to take vis-à-vis the participant? Could actions be taken even though the participant/member meets its obligations?

As previously indicated, the taking of crisis prevention measures or crisis management measures within the meaning of BRRD against a participant shall not automatically qualify as the opening of insolvency proceedings within the meaning of SFD or the TARGET Guideline. This means that there would be no automatic suspension or termination of the participation of an entity in resolution. At the same time, the TARGET Operator retains its discretion to suspend or terminate an account holder's participation in accordance with Articles 25.2 Annex I Part I of the TARGET Guideline, if an ordinary event of default (other than the opening of insolvency proceedings) as defined in the list occurred. In exercising its discretion, the Central Bank shall take into account, inter alia, the seriousness of the event of default or events mentioned in subparagraphs (a) to (c) of the respective Articles.

The TARGET Guideline does not automatically trigger any termination or other rights, obligations or procedures vis-à-vis a participant entering into resolution. Participants are only subject to an information duty if they become subject to crisis prevention measures or

crisis management measures within the meaning of the BRRD (Articles 11.9 Annex I Part I to the TARGET Guideline).).

28. Please explain the methodology used to calibrate additional membership requirements (including operational, financial and capital requirements) for a member/client in resolution. To what extent does the FMI take into account the resolution strategy and tools applied to a member to determine their financial and operational requirements? Does the FMI consider anything specific in its methodology in relation to ring-fenced or specifically safeguarded entities?

As indicated under Question 18, the TARGET Guideline does not foresee additional membership requirements for a TARGET participant in resolution.

29. Please describe for each of the below risk mitigation actions, in as far as they form part of the FMI's set of risk mitigation actions upon a participant entering a resolution process (in addition to actions that would be taken prior to resolution): (i) whether these actions are discretionary or pre-determined, e.g., would the FMI follow a required set of actions, which may be described in its rule book; (ii) in which way, if at all, the FMI could deviate from the predetermined procedure so as to either disregard a mandated risk mitigation action or adopt a non-standard action; (iii) how/when the following risk mitigation actions would be communicated to the participant.

- i. Temporary suspension of certain activities (and if so, which activities);

We refer to Articles 25.2 Annex I Part I to the TARGET Guideline on the suspension of the participation in TARGET. Temporary suspension can be decided on a discretionary basis if an event occurs in relation to the participant in resolution which, in the Central Bank's assessment, would threaten the overall stability, soundness and safety of the respective TARGET component system or of any other TARGET component system, or which would jeopardise the Central Bank's performance of its tasks as described in relevant national law and the Statute of the European System of Central Banks and of the European Central Bank, or poses risks on the grounds of prudence.

- ii. Potential requirements to contribute additional margin or amounts to default or guarantee funds, secure additional liquidity commitments (including on an intra-day basis), or to pre-fund part or all of payment and settlement obligations;

There are no such requirements for TARGET participants. All transfer orders in TARGET are anyway settled on an individual basis only upon the availability of sufficient liquidity.

- iii. Potential changes to operational or information requirements, including those needed because certain services might not be available;

The TARGET Guideline does not define such changes to operational or information requirements.

- iv. Potential requirements that may apply in relation to a bridge institution or a third-party purchaser to which functions have been transferred.

The TARGET Guideline does not define specific requirements in relation to a bridge

institution or a third party purchaser. However, any institution or third party purchaser as mentioned above would need to fulfil the requirements as set out in the TARGET Guideline, please refer e.g. to Articles 4 and 5 of Annex I Part I.

30. Please answer question 29 also for other risk mitigation actions, if any, that are not mentioned here and that would likely be taken.

The TARGET Guideline does not define other risk mitigation actions.

31. In what way should a service user prepare for resolution-related risk mitigation measures by the FMI to maximise the likelihood of maintaining access? Does the FMI provide any documented guidance on this to its participants/members, and/or to their RAs?

N/A.

32. What impact would a member/participant's resolution have on any parent or subsidiary's direct membership at the FMI?

Unless the national law provides that, upon the insolvency of the parent, affiliates also become insolvent, there would be no direct impact.

33. In a situation of idiosyncratic or market stress in which one of the FMI's (direct) participants/members, or an affiliate company, enters resolution, communications and notifications may be necessary. Please distinguish in the below in case there are differences between a situation of idiosyncratic vs. market stress.

N/A.

- a) What notifications or communications would the FMI undertake to the participant/member, their competent and/or resolution authority, the FMI's competent and/or resolution authority, the firm's settlement agent, and other stakeholders, and when? Would any of these be based on an obligation for the FMI to notify?
- b) Do you have a specific communications plan for this or does your approach leverage existing crisis communication mechanisms?
- c) Does the FMI need to get consent from the firm or inform the firm prior to a notification or communication?
- d) Do the communication/notification protocols require specific factors to be considered, for example legal implication, market impact, etc.?
- e) Are your communication protocols standardised across participants or do they take into account the specificities of firms' participation and roles in respect of the FMI?
- f) Would your members/clients be able to leverage any preparations your organisation has undertaken to access the necessary communication infrastructure to deliver the increased extent of communications that may be needed to respond to a resolution and any restructuring of a member/client (such as increased call volumes to call centres)?
- g) What management and monitoring arrangements would apply for these crisis communications and notifications? Would you have a dedicated team or a point of contact for receiving and initiating all communications that relate to a member/client

entity in resolution or any related restructuring?

TARGET-HR has a dedicated point of contact for all daily operations in TARGET-HR.

34. Alleviating uncertainty for the FMI. (As requested in Part II, if the responses to sub-questions a.-f. below have been documented in rulebook/contractual provisions or other documents, please reference.)

- a) What actions (such as communication) could the participant or authorities take in order to alleviate uncertainty for the FMI about the participant's situation, and thereby reduce the risk that the FMI may take risk mitigation actions that may have a further adverse financial impact on the participant?

According to Articles 11.9 Annex I Part I to the TARGET Guideline, participants shall immediately inform the account holding Central Bank if an event of default occurs in relation to themselves or if they are subject to crisis prevention measures or crisis management measures within the meaning of BRRD or any other equivalent applicable legislation.

Resolution authorities should inform the respective Central Bank on the exact legal status of the participant, on any changes in this respect in the course of resolution, and of any measure taken that may adversely affect the financial status, liquidity situation etc. of the participant.

- b) Assuming that the authorities and the affected member/client may not be able to share relevant information before the commencement of the resolution process, would that represent a material issue that could determine how your organisation responds to the fact that a member/client has been placed in resolution?

The participants shall inform the respective Central Bank immediately once they become subject to resolution (see response under a)). Missing advanced information would normally not determine the reaction of the Central Bank.

- c) Which data / quantitative information would the FMI need to receive from the participant and/or RA in order to allow the participant to maintain access (please consider the three levels of access mentioned in footnote 3)? Please specify by when you would need each piece of information, if appropriate, including when you would need to be informed prior to resolution measures.
- d) Which qualitative information would the FMI need to receive from the participant and/or RA in order to allow the participant to maintain access to the FMI? Please specify by when you would need each piece of information, if appropriate, including when you would need to be informed prior to resolution measures.
- e) What other actions could be taken ex-ante to avoid a temporary interruption of services or the risk of some transactions remaining unexecuted?
- f) Please discuss any other considerations.

35. Considering adverse financial impact of FMI risk mitigation actions on direct/indirect participants.

- a) Some actions, designed to protect the FMI, may worsen the position of the participant at the time of resolution and as a result may also affect other participants. How does

the FMI consider this when deciding to protect itself?

As grounds for termination under Articles 25.2 Annex I Part I of the TARGET Guideline are discretionary, Central Banks, in exercising such discretion, would have to pay due regard as to whether a termination would precipitate problems for the stressed participant. Further, we refer to our previous answer to Question 23a).

- b) Does the FMI take into account the impact on indirect participants of actions taken in response to a direct participant/member entering into resolution?

Yes, this would be part of the case-by case assessment mentioned under item a) above.

36. FMI rules and contractual arrangements should allow a bridge institution to maintain its predecessor's participation (membership) during a resolution process (FSB 2017 Guidance, 1.1). (As requested in Part II, if the responses to the sub-questions below have been documented in rulebook/contractual provisions or other documents, please reference.)

- a) Please explain how the FMI rules, contractual arrangements and/or procedures reflect this.

According to Article 40.10 of the BRRD, Member States shall ensure that the bridge institution may continue to exercise the rights of membership and access to payment, clearing and settlement systems, stock exchanges, investor compensation schemes and deposit guarantee schemes of the institution under resolution, provided that it meets the membership and participation criteria for participation in such systems.

The TARGET Guideline does not define a dedicated fast-track procedure for granting access to a bridge institution. The decision-making in this respect is in the responsibility of each individual Central Bank which could be expected to take due account of the urgency of the situation.

- b) What would be the FMI's process to ensure that continuity of access can be maintained for the purchaser of a resolved entity or for a bridge institution?
- c) Please share any timelines and any external dependencies for this process.

The timeline would depend on whether or not the bridge institution is the transferee of the existing account and, consequently, whether or not a new contract and a new BIC will be required. If the bridge institution is the transferee of the existing account the necessary arrangements could be made possibly even overnight. If it is not, the process would normally take several weeks – both for the contractual arrangement between the Central Bank and the bridge institution and for the registration of a new BIC.

- d) If the purchaser or bridge institution requires a new access, do you have a “fast-track” procedure to allow access for such a purchaser or bridge institution? How long is setting up access expected to take (with or without a “fast-track” procedure)? What would the FMI require in order to continue providing the service pending completion of the onboarding procedure (e.g. connectivity and BIC/SWIFT codes to remain unchanged)?

The TARGET Guideline does not define a fast-track procedure for events in which the bridge institution or the purchaser is not the transferee of the existing account. For the estimated timeline in this scenario see response under c) above.

e) What type of information is needed in the context of a change-of-control assessment, i.e. to accept a purchaser or bridge institution as a participant/member? Please specify by when you would need each piece of information, if appropriate. How long would you then need to take an informed decision on access for the purchaser or bridge institution? [Articles 5 Annex I Part I of the TARGET Guideline describe the general application procedure for participation in TARGET.](#)

f) Does the FMI explicitly consider, in its rulebooks or internal procedures, the possibility of a RA requiring access for the purchaser or bridge institution even in case they do not meet the membership or participation criteria (for instance where a credit rating is required)?

[The TARGET Guideline and operational procedures do not explicitly consider this possibility. However, this is notwithstanding Articles 38.12.b and 40.10.b of the BRRD on the continued access of purchasers and of bridge institutions to, inter alia, payment systems and their implementation in the respective national laws.](#)

g) Please discuss any other, e.g. practical, considerations around continuity of FMI access of a bridge institution or of a purchaser.

[N/A.](#)

37. FMIs should consider the operational, technological, financial and legal implications arising from the transfer of functions or positions to a successor (either a bridge institution or a third-party purchaser). ([FSB 2017 Guidance](#), 1.4)

a) What preparations are necessary in your circumstances for such a transfer to be successful? What changes would be necessary for such a transfer to be successful? Please consider any preparations and changes by the FMI as well as by FMI members/service providers/others.

[The contractual agreements and all the relevant technological and operational facilities, needed in order to ensure the access to the FMI, either by a bridge institution or by a third-party purchaser, have to be transferred to such bridge institution or third-party purchaser.](#)

38. Portability/Transferability of underlying client positions, for example to facilitate a bridge or partial transfer resolution strategy.

a) For CCPs: Which kind of segregated accounts are offered to (underlying) clients to facilitate the portability/transferability of client positions and securities collateral? Do you envisage that there may be material barriers to the effective and timely transfer of client positions following a decision to transfer the activities of the member in resolution to another member? If so, please explain.

[N/A](#)

b) For CSDs: Do you offer segregated accounts to (underlying) clients? Do you envisage that there may be material barriers to the effective and timely transfer of client securities and cash to another custodian following a decision to transfer the activities of the participant in resolution to another participant? If so, please explain.

N/A

39. Are there any further aspects or issues to mention in relation to interaction between the FMI and the participant during or after resolution of the participant?

Part V: Arrangements and operational processes to facilitate continued access in resolution

40. The FMI should consider establishing management, monitoring and operational rules and procedures that facilitate the ability of FMI management to make prompt decisions in response to a service user's resolution (including a period when the FMI is closed for business). (FSB 2017 Guidance, 1.4)
- a) What procedures are in place at the FMI to facilitate prompt decision making at any time? What, if any, are the limitations?
 - b) What would be the likely range of decisions undertaken after receiving notice of a service user entering into resolution? What market communications or notifications to the regulator would be undertaken?
41. In line with the Key Attributes,⁹ FMIs should regularly test the effectiveness of their relevant rules, contractual arrangements and procedures in responding to a resolution scenario of a participant.
- a) How do you test these contingency arrangements? How do you take participants in resolution into account in those contingency arrangements?

As already indicated above, the entering into resolution of a TARGET participant does not automatically trigger any contractual termination or other rights, obligations and procedures at the level of the TARGET Guideline.

For T2S DCA holders, the resolution would be managed in line with the T2S legal and operational framework. These are tested on a yearly basis to assess the effectiveness of (i) the rules and procedures established in T2S and (ii) the communication and decision-making process.

- b) How do your rules facilitate the transfer of positions of a client of a service user in resolution to another service user of the FMI, as applicable?
42. How do you test members' readiness of arrangements for meeting increased information and communication requests (beyond those required in business as usual (BAU)) that will be needed prior to and during resolution? Which disclosures do you require from members in this regard?
43. Are there any further aspects or issues to mention in relation to arrangements and operational processes to facilitate continued access in resolution?

Up until now there has been no such simulation exercise at overall TARGET level.

⁹ See FSB, *Key Attributes of Effective Resolution Regimes for Financial Institutions*, 2014 (October), Appendix II-Annex I, part II, section 2.2, p. 73.