

G20 TECHSPRINT 2021 GENERAL REGULATION

1. Preamble

Banca d'Italia (hereinafter "**the Bank**", or "The Bank of Italy"), in collaboration with Codemotion S.r.l., with registered offices in Rome, via Marsala 29h, tax code and VAT No. 12392791005 (identified hereinafter as "**Technology Partner**") and with the involvement of the Bank for International Settlements (BIS) as co-host, intends to carry out an online Techsprint (hereinafter "**Event**" or "**Techsprint**"), named "G20 Techsprint 2021".

This General Regulation (hereinafter referred to for brevity as "**Regulation**") constitute the entire set of rules governing the participation in and performance of the Techsprint and all related activities, including promotional and advertising activities.

Co-Initiative with the Bank for International Settlements

Techsprint is a co-initiative with the Bank for International Settlements (BIS). The BIS is an international organisation with its head office in Basel, Switzerland, and representative offices in Mexico and Hong Kong Special Administrative Region (SAR). The BIS recognises the increasing impact that technology-driven innovation will have on global financial systems and on the way central banks conduct their core public missions. In light of this, the BIS has established Innovation Hubs to serve as a dedicated platform for acquiring expertise and developing technology and digital innovation projects.

The role of the BIS for the purposes of the Techsprint consists in co-hosting the G20 TechSprint 2021 with Banca d'Italia and conducting the Round 1 of the selection through the appointment of a Green Finance Consultancy Firm, as provided for in §9. Nothing contained in the Regulation shall constitute or be a limitation upon or waiver of the privileges and immunities of the BIS.

2. Techsprint objectives

The main objective of the Techsprint is to involve developers, designers, creators, data scientists, startupper, digital marketing and communication experts in highlighting the potential for innovative technologies to resolve operational problems in the areas of green and sustainable finance.

In the context of this Techsprint, three operational problems (hereinafter "Problem Statements") in the field of green and sustainable finance have been identified.

3. Target groups

- a. Participation in the Techsprint is open to all those who are interested in technology and innovation and who bring to the table an idea or project proposal (hereinafter the "**Project**") relevant to the Techsprint objectives, which can be developed within the framework of the three Problem Statements.
- b. Applications are open to all teams from all countries/jurisdictions interested in sustainable finance problems and who have a proven ability and track record of delivery – whether that is writing software, designing beautiful user experiences, or product management.
- c. The main target groups have been identified as professionals, entrepreneurs and developers.

4. How to participate in the Techsprint

Participation in the Techsprint is free of charge and is expected in the form of Teams. The Team can also consist of a single Participant. Parental consent is required for Participants who are younger than 18 years of age at the time of registration (signed parental consent must be sent to support@techsprint2021.it). The registered and submitted Projects address the identified problem statements for this G20 TechSprint.

5. Registration for the Techsprint

- a. To participate in the Event, each Team shall designate a Team Leader (where the Team consists of a single Participant, the latter identifies with the Team Leader), who has to register the Project and the name of the Team with the description of the composition of the Team on the Event Platform (hereinafter the "**Platform**"), filling out the registration form available at the link <https://www.techsprint2021.it>, followed by a confirmation email to the address provided during registration.
- b. Techsprint registration is active from May 6th, 2021 11:00 CEST to June 4th, 2021 16:00 CEST. In any case, a limit of 100 applications for each problem statement will be accepted. After the limit is reached, no further proposals will be accepted for that problem statement. The Participants are therefore invited to submit their registrations and Projects as early as possible.
- c. The admission of Teams to the Event will take place through registration to the Platform performed by the Team Leader. No other forms are allowed.
- d. Each Participant can join only one Team.
- e. Each Team will be identified by the name registered by the Team Leader. The name of the Team, under penalty of exclusion of the entire group from the Event, must not contain or be associated with expressions that incite violence, discrimination, obscenity and/or defamation.
- f. Each Participant guarantees that the information provided is true. The Bank of Italy reserves the right to request any additional documents to prove the Participants' declarations.
- g. Participation in the Event implies, on the part of each Participant, acceptance of this Regulation and the granting of consent to the processing of personal data where necessary.
- h. Each Team can submit one Project for each problem statement. Therefore, Teams are allowed to address more than one problem statement.

When registering, Participants will be asked to provide personal data, including email address.

Each Project must contain the following mandatory information:

- the reference to the problem statement addressed by the Project (each Project can only address one problem statement);
- the name of the Project;
- an image or a logo of the Project;
- the delivery track record of the Team (no more than 10000 characters);
- the description of the Project (pdf file, max 15 pages, max 5 MB);
- keywords/tags;

Optionally, in the Project description the Team Leader can also submit a link to an external platform (Youtube or Vimeo) containing a Project presentation pitch video (max duration 3 minutes). In any case the video must be uploaded on the external platform before June 4th, 2021 16:00 CEST.

- i. The Participants are informed that the participation in the Event does not in itself give rise to any right to receive compensation and that the related expenses will not be incurred and/or reimbursed by either the Bank of Italy or the Technology Partner.
- j. Up to June 20 2021, which is the day before the start of Round 1 (as provided for in Article 6.a), participating Teams may withdraw from their participation in the Event by sending an email to

withdrawal@techsprint2021.it. The same applies when a Project has been submitted erroneously. In case of withdrawal of the Team, no prizes will be awarded.

- k. In any case, all the employees and collaborators of the Bank of Italy and the Technology Partner, as well as relatives or similar of the Jury members, are excluded from the participation in the Event. The same applies for members of staff of the BIS.

6. Performance of the Techsprint

The Techsprint will be held on the Platform (www.techsprint2021.it) and consists in the following judging rounds.

a. Round 1 (pre-judging phase)

By June 21 2021, participating Teams who had registered and submitted Projects that would address one or more of the identified problem statements will be reviewed by a panel of representatives of a Green Finance and Data Consultancy firm appointed by the BIS. This panel will shortlist the 21 most promising projects according to the criteria described in §9.a and admit them to the next evaluation round.

Up to seven participating Teams will be shortlisted for each Problem Statement to advance to the prototype development stage. Participating Teams addressing more than one problem statement can be shortlisted only once.

The Team Leader of the shortlisted participating Team must invite the other members of the Team to register themselves on the platform through a specific feature of the platform. In order to participate in the Techsprint as member of the Team, every member must accept the invitation and register on the platform.

The shortlisted participating Teams will be published on the Event platform and invited to develop solution prototypes.

For the development of the projects, throughout the duration of the TechSprint, each Team will be given free access to the [IBM cloud platform](#) which is the preferred development platform. If, for a particular reason, teams need to develop their projects using other platforms of their choice, this will be possible as long as the developed project can be accessed for evaluation via a link that must be provided in the submission form. Any expenses or costs related to the usage of a development platform other than IBM cloud platform will not be covered by the Bank of Italy and/or the Technology Partner.

During the Event, the participating Teams will be supported in the implementation of individual projects by expert Mentors, developers, IT professionals and technicians (hereinafter "Mentors") appointed by Codemotion. The methods of use, related scheduling and the availability of Mentors will be published during the launch of the Event on the Techsprint website. Mentorship for participating Team will be carried out through a dedicated chat on the Discord platform, the link for which will be available on the Techsprint page (<https://www.techsprint2021.it>). If participating Teams want to benefit from Mentor support, which is not mandatory, they will have to create a user profile within the [Discord](#) platform. The Mentors operate in a third-party position and will not in any way favour a Participating Team over other Teams.

Mentors merely provide optional and non-binding support to participating Teams, which are free to follow the advice or guidance received. The Organising companies are not liable for the activity of the Mentors. Participating Teams are solely responsible for the preparation and development of their Projects for the purpose of the selection.

During the Techsprint, *checkpoints* can be planned with Mentors to monitor the progress of the Projects, while the schedule and methods of these *checkpoints* will be announced to the participating Teams in the Event website.

The chat on the Discord platform will not be used for official communication related to the Event, being the official means the Techsprint website and email messages exchanged with the Team Leader's registered email addresses.

Shortlisted participating Teams will be invited to a "Midpoint Touchpoint Event" in August 2021. Information about the Touchpoint Event will be published on the Techsprint website.

b. Round 2 (final judging phase)

In order to be admitted to the final evaluation (Round 2), each shortlisted participating Team must submit their Projects before and no later than September 1st 2021 16:00 CEST, using the specific submission form available on the Platform.

The Team Leader must submit a link to the developed solution and will be given the possibility to upload additional files useful to evaluate the Project (max 5MB for each file, max 50 MB in total).

The winning team will be announced during the final Event to be held in October 2021. Information about the final official date, the agenda and how the final Event will be held will be published on the Techsprint website.

- c. The Bank of Italy reserve the right to change the days, times and duration of the Event, as well as to cancel it, including before it begins and without any liability. Any changes will be sent to the email address provided by the Participants during the registration.

7. Obligations and responsibilities of Participants

- a. By registering for the Event and accepting this Regulation, each Participant undertakes to respect the rules of the Techsprint and to behave, at every stage of the Event, fairly and in good faith. The Bank of Italy reserves the right to disqualify and exclude any Participant and/or Team from the Techsprint that does not comply with the provisions of this Regulation, as well as those who, through fraudulent or unauthorised manoeuvres, hinder and/or attempt to alter the proper functioning of the reward mechanism and compromise the success of the entire Event. The Participants, among other things, expressly undertake to observe the following minimum rules of conduct:
- to respect other Participants;
 - not to use, under any circumstances and in any context, expressions that incite violence, discrimination, obscenity and/or defamation;
 - to avoid content that is offensive, defamatory, vulgar, rude, advertising, political/ideological, religious, or harmful to privacy, or content otherwise contrary to the law or to fairness and good faith;
 - to develop Projects that are in line with the Techsprint's objectives;
 - in the presentation of their designs, not to infringe: copyright, trademarks, patents or other intellectual and industrial property rights;
 - not to breach the right to privacy and data protection of third parties or other Participants.
- b. Each Team is exclusively responsible for the content of its own Project; therefore no direct or indirect liability can be attributed, by anyone, to the Bank of Italy and/or the Technology Partner, with reference to the content of the Projects. Each Participant hereby undertakes to indemnify and hold harmless the Bank of Italy and/or the Technology Partner against any claim, including compensation for damages, that may be made in relation to the Project submitted.
- c. By accepting this Regulation and participating in the Techsprint, each Participant undertakes, with the utmost care and diligence and for the entire duration of the Techsprint, to use the materials, Platforms and technologies that may be made available by the Bank of Italy and/or the Technology Partner, strictly adhering to the rules of safety and conduct provided for, as well as

any instructions given by the Bank of Italy and/or the Technology Partner to guarantee the safety of all Participants.

8. Limitation of liability

Codemotion is committed to maintaining and managing the Platform, using the best experience available to ensure its efficiency.

Without prejudice to the above:

- a. The Bank of Italy and/or the Technology Partner cannot be held liable in any way for any damage including (by way of example) indirect, consequential, special or incidental damage, nor for any damage and/or anomalies that may occur and that are beyond their technical control, such as (by way of example) malfunctions in the management of the digital networks, or malfunctions due to defects in the means needed to access the Platform or improper use of the same.
- b. Furthermore, the Bank of Italy and/or the Technology Partner shall not be held liable for the interruption of services due to force majeure including, merely by way of example and without limitation, sabotage, fire, floods, earthquakes, strikes, faulty operation of the Platform due to the incorrect functioning of telephone lines, electricity and global and/or national networks due to breakdowns, overloads or interruptions not attributable to the Bank of Italy and/or the Technology Partner.
- c. The Bank of Italy and/or the Technology Partner cannot be held liable for the lack of receipt or incomplete receipt of electronic registration, for whatever reason. The Bank of Italy and/or the Technology Partner cannot therefore be held liable if the information relating to a Participant's registration is not received or is illegible. Participants are reminded, in this regard, that the Internet may be subject to technical difficulties that may cause slowdowns or make connection impossible. The Bank of Italy and/or the Technology Partner cannot be held liable for any problems encountered in accessing the site and/or the online registration process due to failure of the Internet, maintenance work or the malfunctioning of the Techsprint servers. Each Participant is solely responsible for his/her own access to the Internet.
- d. Each Participant agrees to participate in the Techsprint online at his/her own risk. During the Event, each Participant is required to take all appropriate measures to safeguard his/her data and/or software stored in his/her computer equipment from any attack (e.g. by installing antivirus software and firewalls). The Bank of Italy and/or the Technology Partner shall not be held liable, among other things, for any contamination by any computer virus, or for the intrusion of third parties into the Participant's computer equipment.
- e. The Bank of Italy and/or the Technology Partner will not be held liable for any damage caused to the Participants, their computer equipment and recorded data, or for any consequence to their personal or professional activity.

9. Jury and evaluation

- a. The Projects submitted by the Participating Teams will be evaluated by a Jury (hereinafter, the "**Jury**"), composed of:
 - representatives of a Green Finance Consultancy firm appointed by the BIS (for Round 1);
 - a panel of experts appointed by the Bank of Italy (for Round 2).

The evaluation will be based on the following evaluation criteria on either round of the Techsprint.

- a) **Round 1** (pre-judging phase to select the 21 shortlisted Teams to proceed to the prototype development phase – up to 7 shortlisted Teams per problem statement) scoring based on the following indicators:
 - Focus/Value
 - Project usefulness and value
 - Attention to the Techsprint's objectives
 - Team
 - Experience (as demonstrated by a list of representative past projects, including examples of prior experience specifically related to the development of the solution)
 - Expertise (as demonstrated by the submission of a list of representative past projects that clearly demonstrate the applicant's experience with the relevant technologies)
 - Technical proposal and execution plan:
 - Relevance:
 - Does the proposal describe fully how the proposed application will address the problem?
 - How well and realistically does the proposal address the key needs identified in the problem?
 - Feasibility:
 - Does the proposal include a feasible execution plan that describes how the team will complete the work within the stipulated timeframe?
 - Does the proposal describe how the proposed solution will deploy appropriate technologies?
 - Propensity to innovation:
 - How novel and innovative is the proposed solution?
 - Does the proposal describe how the team will leverage agile delivery methodologies for project planning, design, building and testing, stakeholder engagement?

- b) **Round 2** (final judging to select 3 winners – 1 winner per problem statement) scoring based on the following indicators:
 - Clarity: measures how clear and understandable the proposal is, high scores are proposals that are rich with explanations.
 - Quality: measures the extent of how well-drafted the proposal is, high scores are proposals that are well-structured and written.
 - Relevance: measures how relevant the proposal is to the original problem statement, high scores are ones that cater to all dimensions of the problem statement.
 - Depth: measures how thorough the proposal is, high scores are proposals that are detailed in terms of addressing the problem statement.
 - Creativity: measures the innovative aspect of the proposed solution, high scores are ones that have put forward new and innovative methods.
 - Feasibility: measures the degree of the solution being easily and conveniently developed and rolled out, high scores are ones that have put forward feasible solutions.
 - Portability and scalability: measures the ability of the application to be transferred from system, sector, and country to another.
 - Ease of use and quality of the user experience

When evaluating the projects in Round 2, each member of the Jury will evaluate each Project in accordance with each of the indicators listed above, by giving a score from one to ten (e.g. where ten expresses the maximum evaluation) for each indicator.

For each indicator, the scores given by the Jurors will be averaged into one (sum of the single scores divided by the number of Jurors).

The final score of a Project is then calculated by adding together all of the average scores of each indicator.

On the basis of the final scores of each Project, the Jury will determine the final ranking of the Techsprint.

10. Participant Prizes

- a. At the end of the Round 1, the participating Teams shortlisted by the Consultancy firm appointed by the Bank for International Settlements, according to §9, will receive a prize of €10.000, before tax and charges, per Team. This prize will be provided only via wire transfer to the banking coordinates agreed by all of the members of the participating Team and indicated by the Team Leader on the Platform.
- b. At the end of the Round 2, the three Winning Teams (one for each problem statement) will be announced and each of them will receive a total prize of €50.000, before tax and charges. This prize will be provided only via wire transfer to the banking coordinates agreed by all of the members of the participating Team and indicated by the Team Leader on the Platform.
- c. The Shortlisted Teams and the Winning Teams may not dispute the size or nature of the prize awarded, nor demand means of payment different from the one specified or exchange/replacement for any reason. Nothing else is due in addition. The prize will be awarded within 60 days from the date on which the decision is taken. The Bank of Italy will then be responsible for handling and sending the prize pool to the winning participants. Neither the Bank for International Settlements (BIS) nor the Technology Partner will have any need to have any contact with the participants and any responsibility with regards to prize pool.
- d. Participants are warned that the prizes provided for in this article will be paid only to the banking coordinates indicated by the Team Leader on the Platform. After this payment, no other obligations will remain towards the participating Teams and their members. The Organising companies cannot in any way be held liable with regard to the ownership or distribution of the prize among the Team members.
- e. The Winning Teams will be announced on the page of the Site dedicated to the Techsprint.

11. Intellectual property rights

- a. All names, trademarks, logos, graphic interfaces, texts, user interfaces and computer code and other distinctive signs mentioned or reproduced on the site dedicated to the Event are protected by copyright, trademark or other intellectual and/or industrial property rights and therefore remain the sole and exclusive property of their authors and rights holders. The reproduction and/or representation of all or part of Techsprint online elements is strictly prohibited.
- b. All data (including photographs and text) made available to Participants by the Bank of Italy and/or the Technology Partner during the online Techsprint remain the exclusive property of the Bank of Italy, the Technology Partners and/or any other third party owner as the case may be. Each Participant undertakes to use such data so that it remains separate and divisible from the Project.
- c. The authorisation granted to Participants to use the data provided by the Bank of Italy, the Technology Partner and/or third parties (as the case may be) is limited to the duration of the Event. Any use of the data outside the scope of the Event is prohibited without prior written agreement by the Bank of Italy, the Technology Partner and/or the third party owner (as the case may be).
- d. Logos or distinctive third-party signs may be present on the Platform. Such logos or distinctive signs are shown for descriptive purposes only and all rights to them belong to their holders.
- e. Each Participant expressly declares that each Project, prototype, idea, proposal or part thereof presented in the online Techsprint is original and does not infringe in any way, entirely or partially,

upon the intellectual property rights of third parties: to this end, each Participant undertakes to release the Bank of Italy and/or the Technology Partner from any and all liability, claims for damages and/or compensation that may be made by third parties in this regard.

- f. The Bank of Italy and the Technology Partner grant the individual Teams, as a whole, the intellectual and/or industrial property rights inherent to the concepts developed and/or the Proposals submitted by them; each Team remains fully responsible for the protection of any innovative and/or original element of the Project against inappropriate use (application for registration, patent application, etc.), through legal means, including the payment of any commission or cost incurred.
- g. Intellectual property rights relating to submitted projects remain in the ownership of the Participants.. By registering for the Techsprint and accepting this Regulation, however, the Participants agree to grant the Bank of Italy and the BIS an exclusive, worldwide, perpetual, irrevocable, royalty-free licence to use, distribute to the public, and publicly display the Projects or any part thereof. The Participants acknowledge that the Projects may be the subject of disclosure, dissemination and/or publication within the Event and/or through means and media that may be used for the promotion of the Event itself (including after the Event has taken place and for the purpose of upload and publish recordings of the Winners announcement and demo Event) and that this will result in the Projects being visible to all Participants in the Event, to the community targeted by communication actions and/or to the public. To this end, the Participants hereby authorise the Bank of Italy and the Technology Partner to send, disclose and/or publish the Projects, including partially, both for the purposes of the online Techsprint and for purposes related to promotional campaigns or internal and external publicity. To this end, each Participant or Team grants the Bank of Italy and the Technology Partner a free-of-charge, non-exclusive right of use, which is without temporal or geographical limits, on the Projects submitted during the Event, for the purposes set forth in this Regulation. Therefore, each Participant and/or Team agrees and acknowledges that the Bank of Italy, the BIS, and/or the Technology Partner will use and publish its Projects on the Site and/or on other communication, analogue, digital and paper channels (e.g. Facebook, Instagram, Twitter, YouTube, LinkedIn). In the event of the Projects being reused, the Participant or the Team will be mentioned by name. In any case, the Bank of Italy, the BIS and the Technology Partner do not assume any liability in the event of the illicit or unauthorised use of the idea or work, and/or the development and performance of the same, and/or of the Project by anyone who has become aware of the Project; therefore the Participants waive any claim for damages and/or compensation against the Bank of Italy, the BIS and the Technology Partner for any grounds, reason and/or cause.

12. Privacy

The data provided by the Participants for registration and participation to the Event is processed by the Bank of Italy as independent Data Controller and Codemotion S.r.l. as Data Processor, in accordance with current European and national legislation (Reg. (EU) 2016/679 GDPR and Italian Legislative Decree 196/2003 with its subsequent amendments and additions).

Codemotion, as Data processor, will process the data acquired with the application for Event registration.

Such data may be disclosed to employees, collaborators and third parties whose services Codemotion uses for the following purposes.

Data will be collected by the Bank of Italy for the activities related to the performance of the Techsprint (e.g. awarding the prize; receiving notifications relating to Event organisation and participation) and may be known by its employees, collaborators and third parties. The data will also be disclosed to the BIS for the purpose of conducting its tasks under this Regulation.

The processing will be carried out via methods and procedures strictly necessary to achieve the purposes for which the data was collected, either manually or with the aid of IT tools.

The processing will be carried out directly by the Data Processor or via third parties and service providers.

In particular, the following processing activities will be carried out:

- a. personal data indicated in the application form will be processed in order to allow for participation in the Event;
- b. the data related to each Team (names and surnames of the members, Team name, Team contact details, photos/videos of the Team members during the Event, project presented and materials produced by the Team) will be processed in order to allow for participation in the Event and for promotional purposes.

The processing referred to in (a) and (b) above is necessary for the performance of the Techsprint and is based respectively on Article 6(1) (b) – processing is necessary for the performance of a contract - and on Article 6(1) (a) - data subject has given consent to the processing - of Regulation (EU) 2016/679. Data will be processed for the time strictly necessary to achieve the purposes for which they have been collected and in any case not exceeding the period of 2 years.

Data subject has the right to withdraw consent at any time, without affecting the lawfulness of processing based on consent before its withdrawal.

Users may at any time exercise the rights under Articles 15 et seq. of Regulation (EU) 2016/679 (General Data Protection Regulation - GDPR) by contacting the Bank of Italy's Organization Directorate. The Data subjects can exercise their rights sending a written request to Banca d'Italia, Organization Directorate, Via Nazionale 91, 00184 ROME, e-mail org.privacy@bancaditalia.it. These rights include the right to access their personal data and the other rights granted by law, including the right to obtain rectification, integration or erasure or anonymization of data, the right to block the use of any data used in violation of the law; the right to object, on legitimate grounds, to the processing of personal data.

For further information, the Data Protection Officer of Banca d'Italia can be contacted at Via Nazionale 91, 00184 ROME or at the e-mail address responsabile.protezione.dati@bancaditalia.it.

The Participant also has the right to lodge a complaint with the Italian Data Protection Authority, as a supervisory authority, if he/she believes that the processing of his/her personal data is in breach of current legislation provisions.

13. Acceptance of the Techsprint Online Regulation

- a. Registration, sign-up, and participation in the online Techsprint implies full acceptance, without reservation, of this Regulation by the Participants. In particular the registration involves the acknowledgement of the privacy policy and the provision of consent by each participant to the processing of personal data referred to in paragraph 12.
- b. This Regulation are available on the Event website at the address: <https://www.techsprint2021.it>
- c. This Regulation govern the relationship between the Bank of Italy, the Technology Partner and the Participants alone and do not give rise to any rights for third parties.

14. Publication and validity of the Regulation

This Regulation shall be valid and effective from the date of publication.

15. Applicable law

The relationships between the Participants and the Bank of Italy and/or the Technology Partner are governed by Italian law, according to which this Regulation will be interpreted and applied.

This General Regulation has been updated on May 28, 2021 in order to extend the submission deadline and the starting day of judging Round 1.