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About the call

- Second call in the PED Programme facilitated by JPI Urban Europe.
- The call focuses on joint R&I projects (duration 2-3 years) that address at least one of the two topics.
- As an integral part of comprehensive sustainable urbanisation strategies, establishing Positive Energy Districts and Neighbourhoods **shifts** the focus from the **individual** positive energy **building** towards **neighbourhoods** and thus a new level of impact on sustainable urban development and the energy transition process.
- Continues to create a **transdisciplinary and cross-sectoral community working** in the field of the **energy transition in the urban context**, aiming for high stakeholder involvement, collaboration and co-production of knowledge.

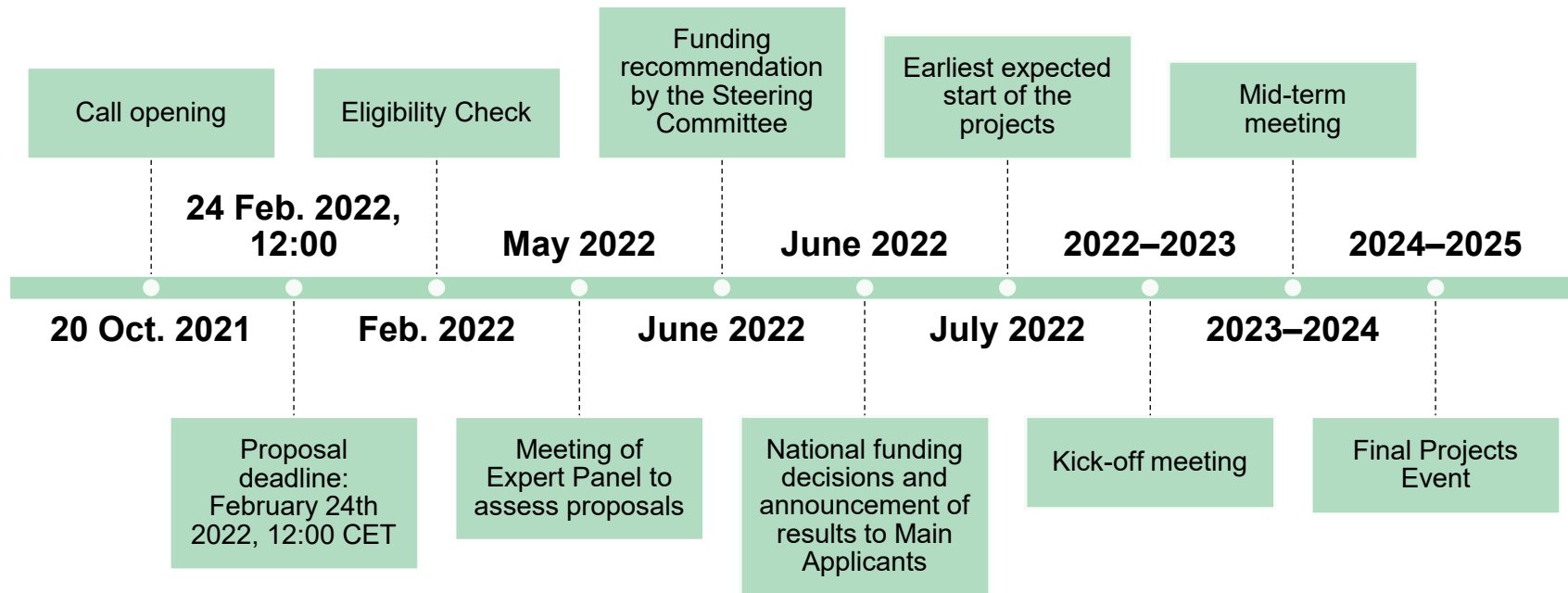
Aims of the Call

- enhance theoretical and practical knowledge for PED development in terms of both technological innovation and process innovation,
- support the strategic development of key areas of action for PED development as defined within the PED Programme ,
- facilitate the achievement of the PED Programme Mission of large-scale implementation of 100 PEDs by 2025,
- develop PEDs as building stones for the Horizon Europe Mission on Climate-neutral and Smart Cities to implement 100 climate-neutral cities by 2030.

Participating countries, regions and partners

Country/ region	Funding agency
Austria	FFG
Brussels-Capital Region	Innoviris
Denmark	Innofund
Netherlands	RVO
Italy	MUR
Romania	UEFISCDI
Sweden	SWEA
Turkey	TÜBITAK

Timeline



Call topics

Topic 1: PEDs towards climate neutrality: transforming existing urban neighbourhoods

With the formulation of the European Green Deal and the Mission on Climate-Neutral and Smart Cities under the Horizon Europe framework programme, the European Commission has set ambitious goals regarding climate change adaptation and the energy transition. This call on Positive Energy Districts and Neighbourhoods for Climate Neutrality aims at aligning PED development with these ambitions and fostering PED development as a key building block towards climate neutrality. For European urban areas this implies a strong focus on existing urban structures and therefore innovative retrofitting and re-design strategies towards Positive Energy districts and climate-neutral neighbourhoods.

Topic 1: PEDs towards climate neutrality – transforming existing urban neighbourhoods

Main objectives:

- Development of feasible implementation strategies for Positive Energy Districts in existing, potentially historical, urban neighbourhoods
- Identification and characterisation of PEDs as key contributors to the goal of the Horizon Europe Mission on Climate-neutral and Smart Cities to create 100 climate-neutral cities by 2030. This is to be achieved by developing integrated strategies of urban retrofitting.
- Establish necessary conditions for successful dissemination and replication of PEDs beyond this project
- Integrate PED strategies in related policy areas, including mobility and climate adaptation

Topic 1: PEDs towards climate neutrality – transforming existing urban neighbourhoods

To be addressed:

- Integration of PEDs in strategies for urban retrofitting, sustainable mobility and climate change adaptation
- Tackling of complex ownership structures and public participation by involving and incentivizing grassroots initiatives and energy communities
- Adapting the regulatory framework: defining incentives and creating opportunities
- Design and feel

Topic 2: Making PEDs happen – process innovation and business models

Topic 2: Making PEDs happen: process innovation and business models

This topic focuses on the process innovation and economic feasibility for PED development. It aims at developing strategies for stakeholder cooperation, business models, public-private partnership and regulatory framework under the primate of environmental, social and economic sustainability.

Topic 2: Making PEDs happen – process innovation and business models

Main objectives:

- Development of strategies for the implementation of PEDs in government, business and the public, which includes
 - making PEDs an integral part of urban planning processes starting from an urban/district analysis in order to define regulatory, structural and technical constraints
 - establishing public-private partnerships, as well as partnerships with businesses (especially focusing on city authorities, the real estate industry and utilities)
- Reinforce decision-making processes both inside and outside local government
- Establishment and maintenance of broad support within government, business and the public at large for realizing PEDs
- The safeguarding of circularity aspects and life-cycle-principles in business models and the regional energy system while respecting (natural) system boundaries and considering public interest

Topic 2: Making PEDs happen – process innovation and business models

To be addressed:

- Design processes for mainstreaming PED in urban planning
- Design, demonstrate and disseminate processes for key stakeholders and public-private cooperation towards PED implementation in cities
- Feasible and sustainable business models

Expert Support Facility

PED Programme Expert Support
Facility – supporting
national/transnational PED alignment

PEDs towards
climate
neutrality:
transforming
existing urban
neighbourhoods

Making PEDs
happen:
process
innovation and
business
models

Expert Support Facility - Tasks

support for PED Programme Management for national/transnational PED alignment of essential PED topics, specifically:

- PED definition: system boundaries of PEDs, requirements for integration in regional/national/transnational energy systems, definition of consequences for energy policies (specifically the balancing of renewable energy on different spatial levels)
- Mapping of PEDs and establishing a database
- PED Toolbox: instruments for technical and social/governance issues, e.g. strategies for energy flexibility, qualitative and quantitative aspects or KPIs
- Explication of PEDs as building blocks for climate-neutral cities: how should roadmaps towards obtaining district level certifications look like?

Expert Support Facility - Implementation

- The Expert Support Facility will
 - enhance exchange and support between projects and countries
 - support the PED Programme Management
- Projects are asked to nominate two experts from different countries from their consortium to act as project ambassadors and experts for the PED Expert Support Facility
- One of the two experts nominated by a project finally receiving funding will be selected to take part in the Expert Support Facility.

PED Pilot Call – Selected projects

TRANS-PED

- **Start/running period:** 01.02.21 / 24 months
- **Applicant:** KTH Royal Institute of Technology - Urban Planning and Environment
- **Consortium:** Linköping University; City of Lund; Cosmopolis - Vrije Universiteit Brussel; DUSS-explorers; OEAW-ITA; FH Technikum Wien; UFGC GmbH; Kleboth und Dollnig ZT GmbH; StadtLABOR - Innovationen für urbane Lebensqualität GmbH; ElectricITY Innovation

Goal: To develop a novel governance approach that can be adopted by PED stakeholders to realise deep and holistic changes to cities.

PED-ID

- **Start/running period:** 01.01.21 / 18 months
- **Applicant:** e7 Energie Markt Analyse GmbH
- **Consortium:** SEVEN, The Energy Efficiency Center, z.ú.; Czech Technical University in Prague; White Arkitekter; Sustainable innovation AB

Goal:

Set foundations for accelerated and improved decisions for Positive-Energy-Districts

Cities4PEDs

- **Start/running period:** 01.01.21 / 24 months
- **Applicant:** Architecture Workroom Brussels
- **Consortium:** 3E NV; Wien 3420 Aspern Development AG; FH Technikum Wien; City of Brussels; City of Vienna; UIV Urban Innovation Vienna GmbH; City Mine(d); Stockholms Stad

Goals:

- understanding how legal instruments and planning processes need to be adapted
- investigating solutions for the missing administrative existence of the district level

INTERACT

- **Start/running period:** 01.02.21 / 24 months
- **Applicant:** Sonnenplatz Großschönau GmbH
- **Consortium:** FH Technikum Wien; TU Wien, Institute of Energy Systems and Electrical Drives; LEEF Technologies s.r.o.; Tornet Fastighetsutveckling AB

Goal:

Set up a competence network of successful PED approaches and enable the focus regions to introduce the Local Energy Communities and Sector Coupling based on a holistic approach.

PED Pilot Call – Activities

“Formal” Meetings

- Kick-off meeting: 7 June 2021
- Mid-term meeting tbd
- Final projects meeting tbd

“Informal” activities

- Projects exchange meetings: 29 April 2021, 23 Sep 2021, 14 Dec 2021
 - Project presentations
 - Challenges & synergies
 - Cooperation mode
- Joint presence at Urban Future Conference in Helsingborg, 1 – 3 June 2022

Basecamp as the online exchange platform for the projects

JPI Urban Europe website for project presentations

Who can apply?

- Companies (from industry/large companies to SMEs)*
- Citizens' representatives, NGOs
- Research organisations
- Cities, municipalities, regions
- Consumers (e.g. business enterprises, test households, etc.)

Please always see the call text (chapter 6) and if in doubt check with your respective funding agency if you are eligible to receive funding

Types of research and innovation supported

The call is open for proposals referring to a broad range of project types, from applied research to demonstration. Projects must address either “applied research” or “innovation / implementation” or both.

- Applied research: includes proof of concept, research to proof feasibility and small scale prototypes.
- Innovation / Implementation: includes prototype testing in real environment, demonstration in real environment and system integration.

Summary of transnational eligibility criteria

- Consortium as a whole must include
 - At least two eligible applicants from at least two of the different countries participating in the call.
 - At least one city, municipality or entity providing key urban services for a city as an applicant (either main or co-applicant) or as co-operation partners.
- Project proposal consortia need to be balanced between countries both in terms of number of partners and distribution of budget. The share of personnel months applied for by applicants from one country must not exceed 70.00% of the total personnel month applied for by the consortium.
- Co-operation partners must provide a letter of intent, where they concretely state how they will be involved in the project and how they will profit and partake from/in project results. Please submit this LOI via the online submission system.

Summary of transnational eligibility criteria

- Each PI may only participate in a maximum of two proposals, and only once as the PI of a main-applicant.
- Each proposal must nominate two experts for the Expert Support Facility of which one will be selected. Please use the work package 2 to describe and nominate the experts, upload their CVs in the online submission system as attachments and allocate two personnel months per expert for this task.
- The participation of all partners involved must be convincingly justified in the project proposal.
- Consortia are required to prove the interest and active involvement of all partners in the consortium.
- Rules for submission must be followed (see chapter 3.3 in the call text)

Transnational and national eligibility criteria

Transnational criteria:

+ Consortium as a whole must include at least two eligible applicants from at least two of the different countries participating in the call.

+ ...

Country A:

+ consortium must include a company
+ For country A only research organisations, universities and companies are eligible for funding

Country B:

+ at least 2 municipalities in the consortium
+ national application must be submitted until January 10th

Country C:

+ For country C municipalities are not eligible for funding

Country D:


+ One person may only be nominated as PI in one proposal
+ the national criteria shown here are fictional, please always contact your funding agency!

Project consortia - a fictional example

- City of Blankton (main applicant, Country B)
 - project coordinator (PI of the main applicant): Julia Doe
 - Urban Enterprises (co-applicant, Country A)
 - PI: Julius Peterson
 - expert nominated: Julius Peterson
 - University of PEDs (co-applicant, Country C)
 - PI: Mark Unknown
 - expert nominated: Judy Waterson
 - Region of Zen (co-operation partner, Country Z)
 - LOI concretely stating how they will be involved in the project and how they will profit and partake from/in project results submitted online
 - Hamlet of Blankwood (co-operation partner, Country A)
 - LOI concretely stating how they will be involved in the project and how they will profit and partake from/in project results submitted online
- Are all partners and the consortium listed here eligible on a national level?
 - Is the consortium and the application eligible on a transnational level?

Please check with the funding agencies of Country A, B and C

Application in eCall: <https://ecall.ffg.at>

FFG

[Deutsch](#) | [Tutorial](#) | [FFG](#) | [Feedback](#)

eCall

FFG eCall

You must first register or log in.

You have no eCall access yet?

Click here to register quickly and easily.

Register

or


Login

Username:

Password:

Log in


[New Password](#)






**UNTERNEHMENSERVICE
PORTAL**

Login using USP

[Information about Unternehmensserviceportal \(USP\)](#)


Step 3



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eCall

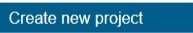

Logged in as 

Please complete your **master data**. You can conduct more quickly the submission of an application as a result.

How to create a new project

If you want to create a single application...

When a leader of the consortium has invited you to join a consortium












Messages

[Unread](#)
[All](#)


There are no new messages available.


Die Ausschreibung wurde vorzeitig geschlossen.


Patent.Scheck Der direkte Weg zu Ihrer Patentanmeldung	
Positive Energy Districts - 2nd JOINT CALL Joint Call for Proposals	
Positive Energy Districts - 2nd NATIONAL CALL AUSTRIAN APPLICANTS ONLY	
Projekt.Start Vorbereitung von F&E-Projekten	
SOLAR-ERA.NET Joint Call 2021 Additional Joint Call 2021	
Stadt der Zukunft 9. Ausschreibung	
TAKE OFF Ausschreibung 2021	
Talente: FEMtech Forschungsprojekte 2021	
Talente: FEMtech Karriere 2020	


**eCall Master Data
Completion and
Call Selection
(main applicant
ONLY)**


eCall Starting Page Call





 Start

 **Projects**

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eCall

 Application ID: XXXXXXXXXX
 Call: Positive Energy Districts - 2nd JOINT CALL
 Status: Full application in progress
 Role: Project Manager (Lead)
 Logged in as: XXXXXXXXXX
Please complete your [master data](#). You can conduct more quickly the submission of an application as a result.

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This call on Positive Energy Districts and Neighbourhoods (PEDs) is the second call of the PED Programme facilitated by the JPI Urban Europe, aiming at supporting the large-scale implementation of at least 100 PEDs by 2025. It succeeds the PED Pilot Call and will find its continuation in the European partnership "Driving Urban Transitions to a Sustainable Future (DUT)".

As an integral part of comprehensive sustainable urbanisation strategies, establishing Positive Energy Districts and Neighbourhoods shifts the focus from the individual positive energy building towards neighbourhoods and thus a new level of impact on sustainable urban development and the energy transition process. With this call, JPI Urban Europe aims to continue creating a transdisciplinary and cross-sectoral community working in the field of the energy transition in the urban context, aiming for high stakeholder involvement, collaboration and co-production of knowledge.

The project proposal should at least address one of the following topics:

- Topic 1: PEDs towards climate neutrality: transforming existing urban neighbourhoods
- Topic 2: Making PEDs happen: process innovation and business models

Form of Application

Submission of a proposal must be done by means of the FFG electronic submission system.

The proposal may only be submitted if all co-applicants/co-operation partners have previously completed and submitted their partner proposals in eCall. Therefore it is within the main applicant's duties to ensure timely submission of all partner proposals and of the proposal as a whole.

The provisions of the **General Data Protection Regulation (GDPR)** shall be complied by the Call Secretariat and the funding agencies participating in the organisation of this call with respect to the processing of personal data.

Depending on the country and the participating funding agency, different national laws might apply and different electronic systems will be used regarding the processing of personal data.

Please note that by transmitting your proposal, the proposal will be forwarded to your responsible funding agency as well as to all other participating funding agencies involved in this call on Positive Energy Districts and Neighbourhoods and the Evaluation Panel members.

Deadline

eCall Project Core Data (main applicant ONLY)

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Form Info

Please enter here your data concerning the planned project according to the definitions of the application documents.

Core data of the project

Project Type *

Applied research (or predominantly applied research)

Topic: *

Topic (b): Embeddedness in local contexts: Applied approaches

Short title of the project: *

Planned start of project: *

Full title of the project: *

Duration in months: *

Project related keywords: *

Executive Summary

Abstract (english): *


Evaluators

Exclusion of evaluators:

Save

Cancel

eCall Starting Page Master Data


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Organisation

Please complete your **master data**. You can conduct more quickly the submission of an application as a result.

Master data
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Company / Organisation

Form Info

Please enter your organisation's details here. These details are saved in the system and will be used again for future submissions bearing this user identification. Different details will be requested depending on the type of organisation.

[User guide to the SME Definition](#)

Company / Organisation

Type of organisation: *

non-university research institution

Legal form: *

Name of company / organisation: *

Master Data ID:
3983331

VAT deductibility: *

☐ Yes
☐ No

Scientific discipline-group: *

5 Social Sciences

Scientific field: *

52 Legal Sciences

eCall Project Partner Invitation (main applicant ONLY)

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Please specify the further partners involved in the Project. Please click on the button "Click here, to create ..." in order to send the invitation to your partner.

Mandatory fields to get the button: The **name of the Organization** in the master data, the **short title** of the project and the **eMail address** of the partner must be filled in to send the invitation.

Important note:

Affiliates (Parent and subsidiary) count only as **one** consortium partner.

Further details are provided in the tender documents regarding the call.

Use this form to track the status of partner applications.

Find help to do this under: [Help for partner application](#)

Partners of the Consortium

☒ Only current partners
 ☐ Also retired partners

Create new partner

Refresh

Company / Organisation ▲	Role of partner	informed	disinvited	Status
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◀

Save

▶

Cancel

eCall Project Partner Invitation (main applicant ONLY)

Create new partner Close

Description of the partner

☐ Name of company / organisation: *

☐ Role of partner: *

Location: *

☐ E-mail of the recipient of the partner invitation: *

Create Partner and keep details open

Check Input Close Save and Close Save & New

eCall Project Core Data (main applicant ONLY)

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Form Info

Please enter here your data concerning the planned project according to the definitions of the application documents.

Core data of the project

Project Type

Applied research (or predominantly applied research)

Topic

Topic (b): Embeddedness in local contexts: Applied approaches

Short title of the project

Full title of the project

Project related keywords

Planned start of project

Duration in months

Executive Summary

Abstract (english)

Evaluators

Exclusion of evaluators

Save

Cancel

Evaluation Criteria

- **Excellence – Intellectual Merit**

Clarity and pertinence of the project objectives; Appropriateness of conceptual approach; Innovativeness of the approach compared to existing solutions; Added value of transnational co-operation; Feasibility of project aims and objectives and of project design and methods; Handling of development risks

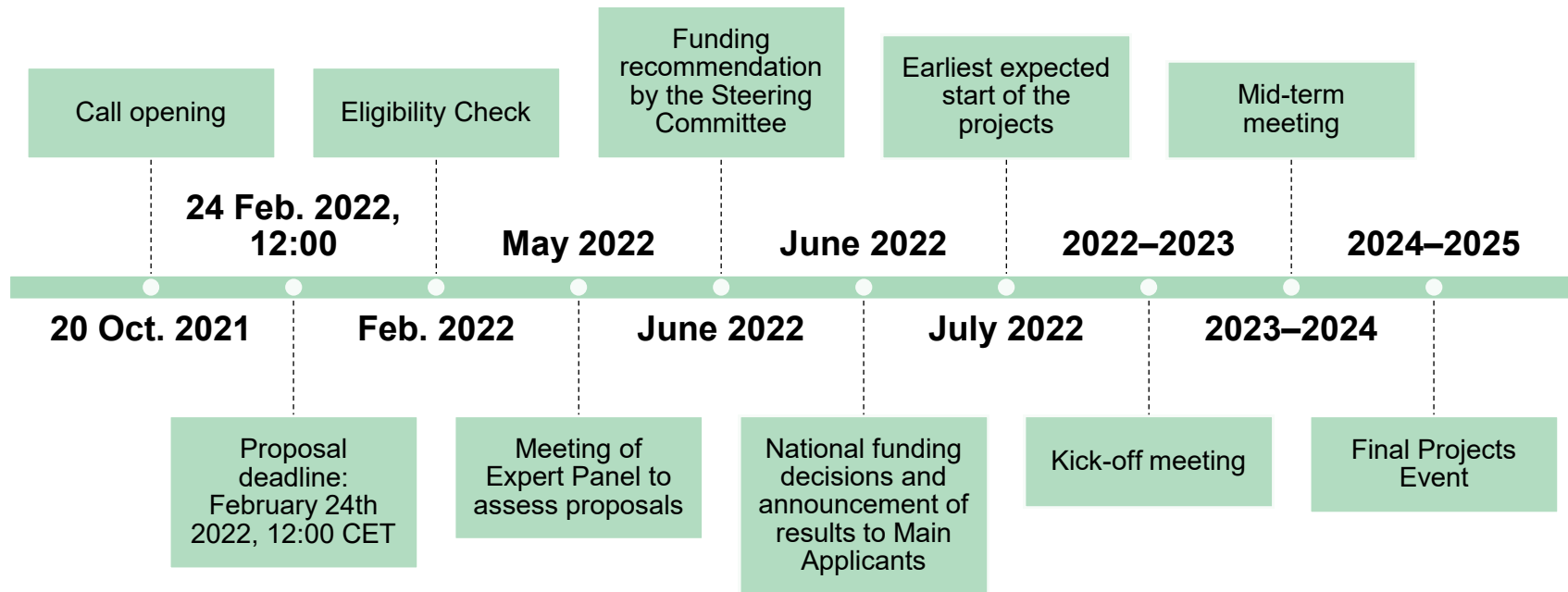
- **Impact and User Engagement (Societal and broader impacts of project results)**

Fit to aims and topics of the call text; Integration of gender and diversity perspectives (when applicable); Engagement of research users and extent to which the project is likely to be of value to end users; Suitability of arrangements for dissemination and communication; Scalability and replicability of the solution; Market potential, capacity to respond to a demand or need

- **Quality (Inter-disciplinarity and Personnel) and Efficiency of Project Implementation**

Value for money; Appropriateness of costing and timescale; Suitability of expertise, balance of substantial contributions of members to project consortium; Composition of consortium compared to the topic's needs, transnational relevance and complementarities; Interdisciplinary, cross-sectorial collaboration, and co-creation; Adequateness of work package structure and work plan; Appropriateness of governance/management arrangements; Risk assessment, addressing of regulatory and ethics issues; Other key expertise of consortium members

Timeline



Thank you all for your attention

We look forward to your questions after a short update on
matchmaking opportunities from Amanda