



Informationsmöte inför utlysning #5, 15 maj 2020
Energipositiva stadsdelar /
Positive Energy Districts (PED)

Agenda

- Välkommen, Om **Viable Cities**
Olga Kordas, programchef, Viable Cities
- Om EU-satsningen **Positive Energy Districts (PED)**
Emina Pasic, Energimyndigheten
- Information on the **Positive Energy Districts call**
Johannes Bockstefl, FFG, Austrian Research Promotion Agency
- Information till **svenska projektpartners**
Patrik Rydén, Viable Cities
- **Frågor och svar**



Praktiskt om mötet

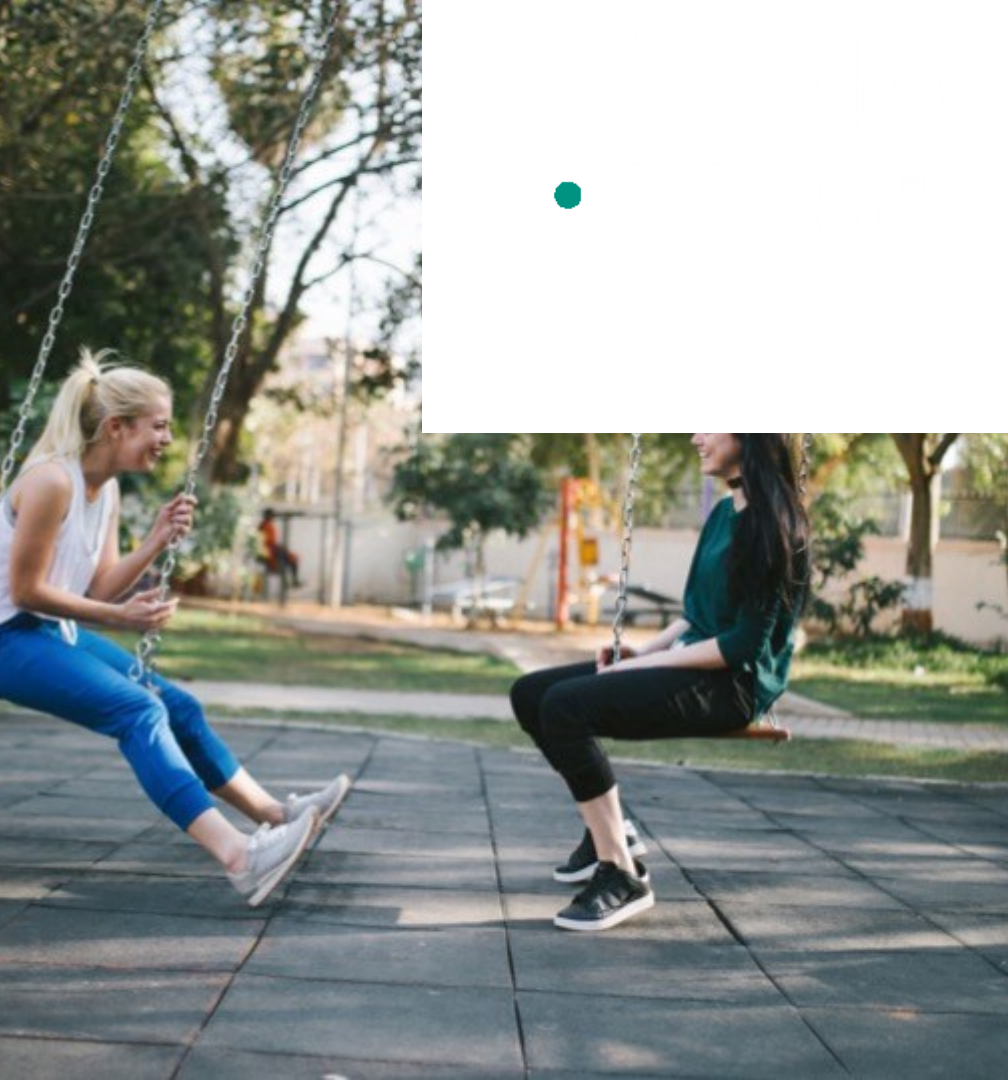
- Spelas in och kan ses i efterhand
- Ställ dina frågor i chatten (svenska / engelska)

Om Viable Cities



Olga Kordas,
programchef, Viable Cities





Ett strategiskt innovationsprogram för smarta och hållbara städer



62

Forsknings-
och innovationsprojekt

200

Partners i F&I projekt

84

medlemmar



1 000 000 000 SEK

Total budget till 2030, varav 50% är statlig finansiering och 50% är medfinansiering från projektpartners.

With support from

VINNOVA
Sweden's Innovation Agency

Swedish
Energy Agency

FORMAS

Strategic
Innovation
Programmes

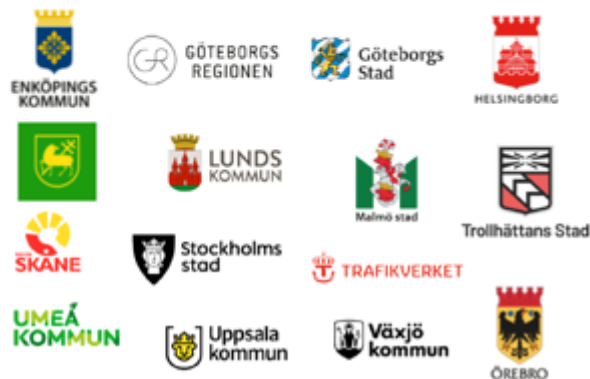
Mission: Klimatneutrala städer 2030

- Med ett gott liv för alla inom planetens gränser

- Visionär, men tydlig och konkret, målsättning
 - **VAD ska uppnås?**
 - **NÄR ska detta ske?**
- Engagera och samla många krafter, tvärs över sektorer, aktörer och discipliner i **kvadrupel helix**
- Leda till banbrytande innovation för systemförändring

Medlemmar i Viable Cities

Offentlig sektor



Lärosäten och forskningsinstitut

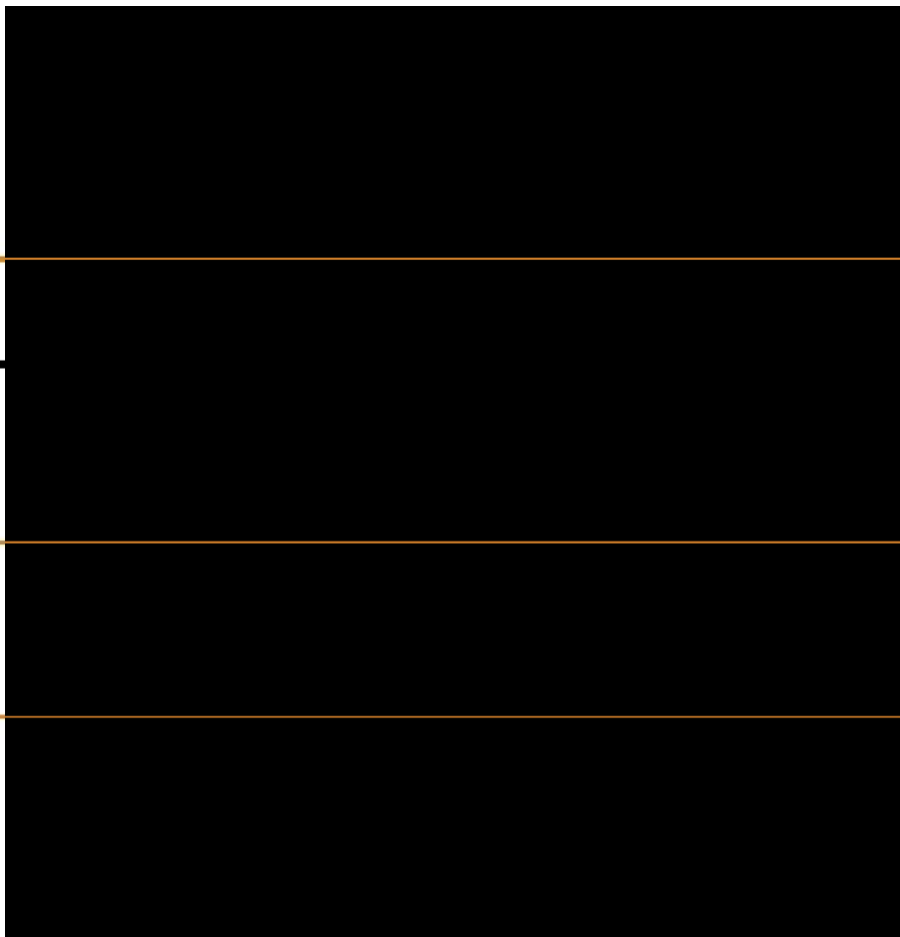
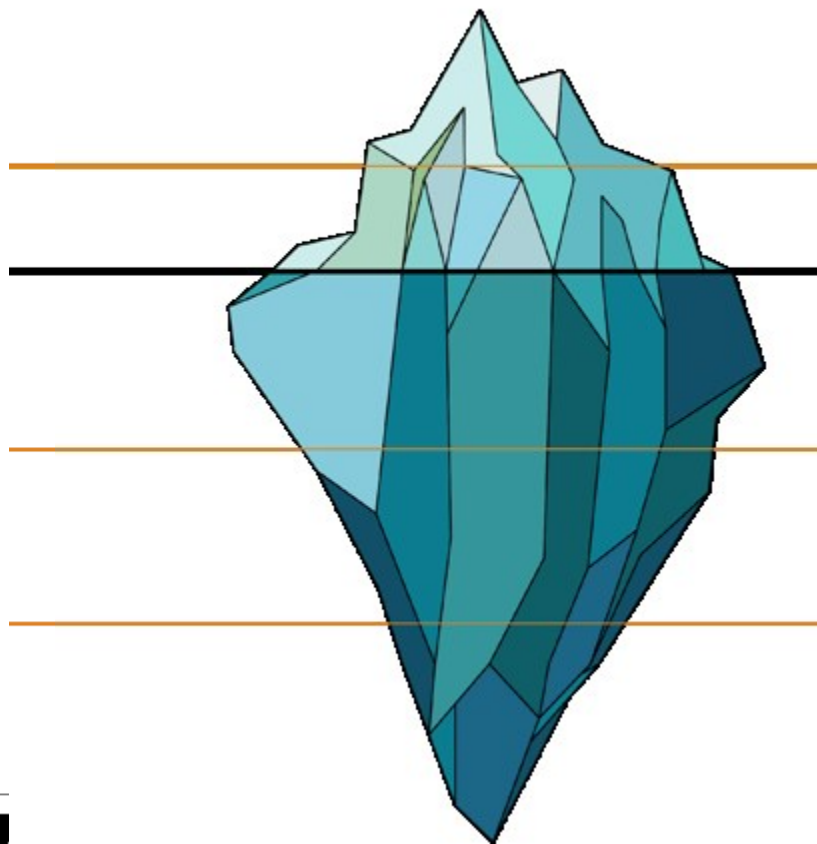


Idéburen sektor



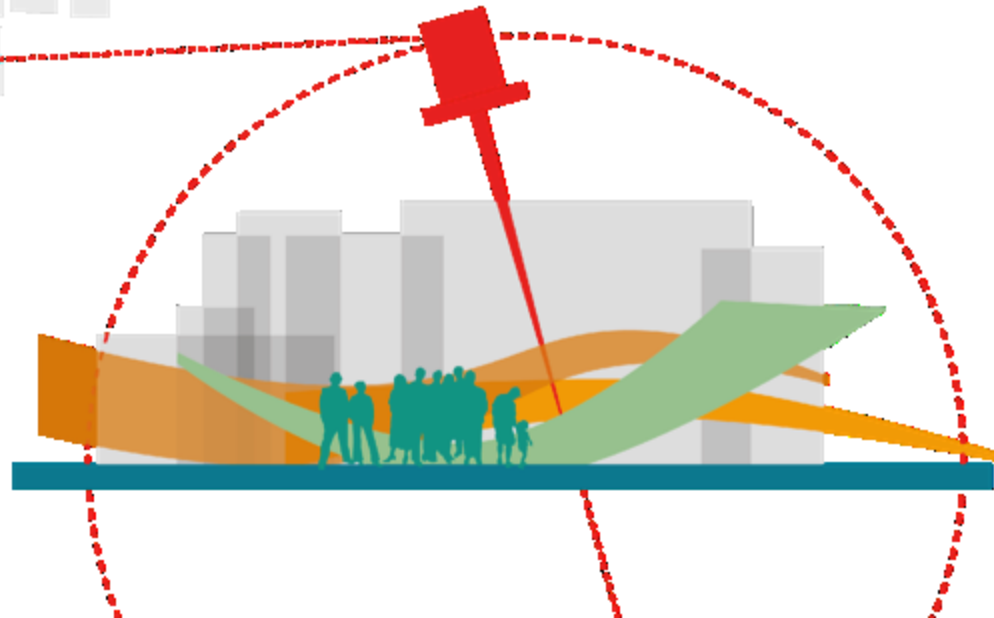
Företag





Holistisk hållbar stadsutveckling med människan i centrum

Digitalisering och medborgarengagemang är möjliggörare



Klimatneutrala städer 2030



Mo-Bo

Smart village

Urban DIGG Infra

Småskalig elförsörjning

Värdeskapande med öppna data

Urban ICT Arena kvadrupelhelix

3De



Sharing communities

Digitalt kontrollerade odlingsystem

Ladda, lagra, länka

Sensorer för luftmiljö

Sharing behaviour

Sharing platforms

Effektiv energiplanering

MERiT

Smart och klimatmedveten matbutik

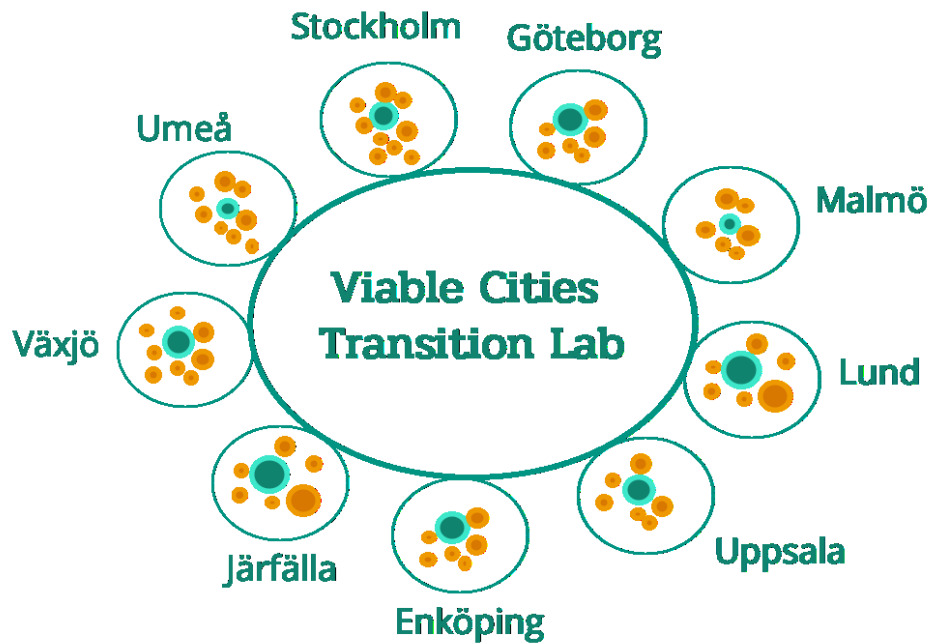
Sharing business models

Sharing towns

Viable Cities Transition Lab

Bygger ryggrad i programmets
missionsdrivna arbete:

- Gemensam riktning
- Synergier
- Förnya beslutsfattande och policy
- Förändringsförmåga



Första internationella utlysningen

Utlisningar:

#1: Energi- och klimatomställning för livskraftiga städer

#2: Demonstration för livskraftiga städer

#3: Klimatneutrala städer 2030

#4: Klimatneutrala städer – snabbare tillsammans!

#5: Positive Energy Districts / Energipositiva stadsdelar

Alla insatser ska tydligt bidra till Viable Cities mission:
Klimatneutrala städer 2030 – med ett gott liv för alla inom planetens gränser



Om EU-satsningen Positive Energy Districts



Emina Pasic,
programansvarig Viable Cities,
Energimyndigheten



Viabile Cities utlysning #5

Energipositiva stadsdelar/PED Pilot Call

Emina Pasic, Energimyndigheten

Vice Chair EU PED Program



Energipositiva stadsdelar/PED call

Syfte med PED/PEN Program:

- Europa (SETPlan) strävar efter att vara en global förebild i energiomställning och minska dess koldioxidavtryck
- Städer och samhällsbyggnadssektorn spelar en avgörande roll i energiomställningsprocessen.
- Bidra till de ambitiösa målen för European Strategic Energy Technology (SET) Plan, SET Plan Action 3.2 –PED
- Bidra till urban transition och SRIA, JPI Urban Europe.
- The Programme “Positive Energy Districts and Neighbourhoods for Sustainable Urban Development” syftar till att stödja planering, jobb och replikering av 100 positiva energistadsdelar år 2025 och förankrat av 20 EU MS/AS och EU KOM.

PED Programme – a transnational, intergovernmental R&I programme and joint initiative between SET Plan Action 3.2 and JPI Urban Europe

Mission: 100 Positive Energy Districts in Europe by 2025
synergistically connected to the energy system in Europe

URBAN EUROPE

<https://jpi-urbaneurope.eu/ped/>

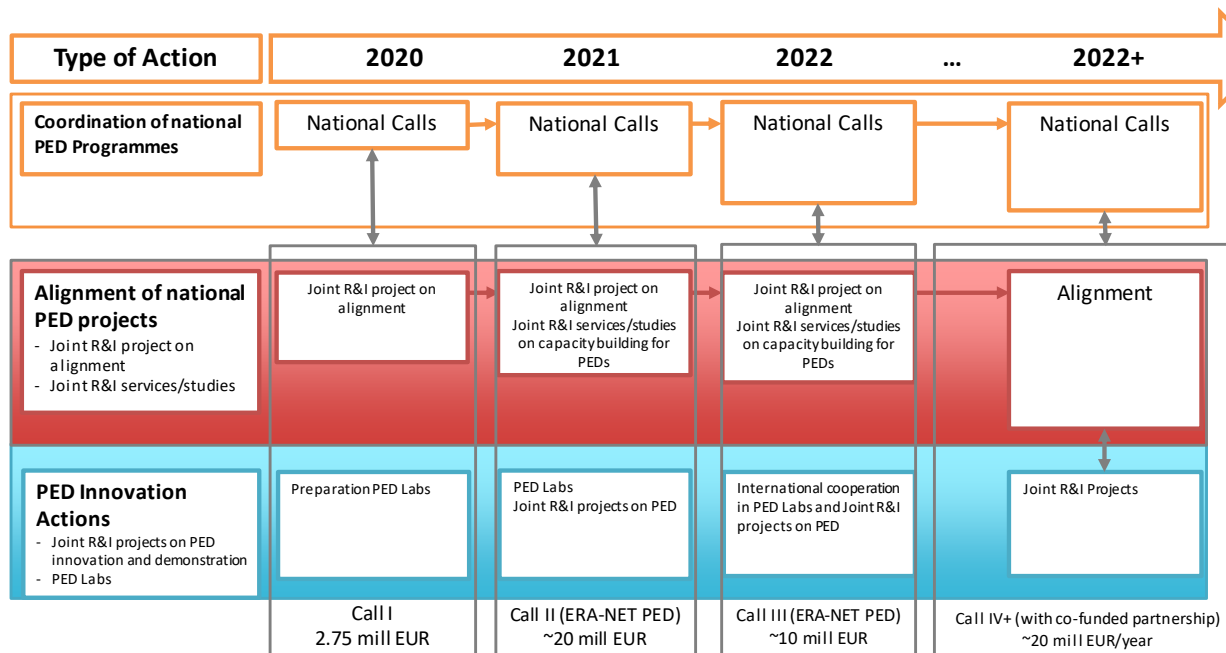


<https://setis.ec.europa.eu/>

Liveable, sustainable, inclusive urban neighbourhoods

- PEDs as part of holistic urban strategies
- PEDs contributing to climate action and energy transition
- Aligning different approaches and diverse regional pre-conditions
- Support for cities as the „problem-owners“

Draft Call Agenda of the PED Programme



-Pilot Call- as the first in a series of calls on the topic.

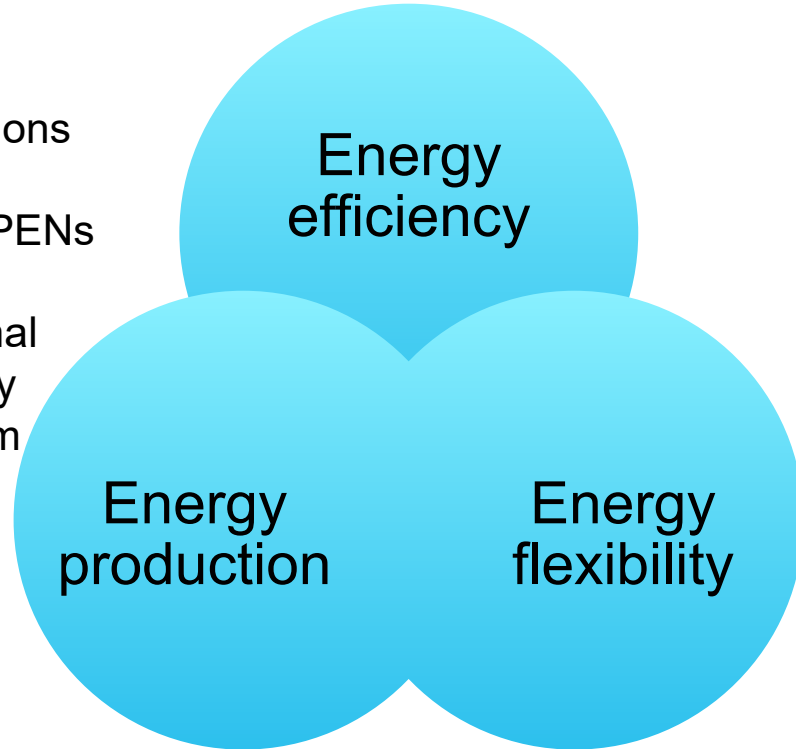
-The PED Programme Management has developed a draft Call Agenda for the upcoming years, including ERA-NET calls

- **aiming at supporting the large-scale implementation of at least 100 PEDs by 2025.**

- This first Pilot Call is funded solely by the participating countries/regions.

1. PED Reference Framework: Function of PED/PENs in the regional energy system

Functions of PED/PENs in the regional energy system



Target:

Optimisation of the three functions of PEDs (energy efficiency, energy flexibility and energy production) towards climate neutrality and energy surplus by taking into account the guiding principles

Guiding principles:

- Quality of life
- Inclusiveness, with special focus on affordability and prevention of energy poverty
- Sustainability
- Resilience and security of energy supply

Enablers:

- Political vision and governance framework
- Active involvement of problem owners and citizens
- Integration of energy and urban planning
- ICT and data management

PED Framework Definition

“Positive Energy Districts are energy-efficient and energy-flexible urban areas or groups of connected buildings which produce net zero greenhouse gas emissions and actively manage an annual local or regional surplus production of renewable energy. They require integration of different systems and infrastructures and interaction between buildings, the users and the regional energy, mobility and ICT systems, while securing the energy supply and a good life for all in line with social, economic and environmental sustainability.”

Information on the Positive Energy Districts Call



Johannes Bockstefl,
programansvarig, FFG –
Austrian Research Promotion Agency



JOINT CALL FOR PROPOSALS

PROJECTS ON **POSITIVE ENERGY DISTRICTS AND NEIGHBOURHOODS**

Johannes Bockstefl (Call Secretariat)
Austrian Research Promotion Agency FFG



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Aims of the Call

- Positive Energy Districts and Neighbourhoods may serve as a crucial contribution to achieve climate and energy targets. This call focuses on **exchange of experience between PED ambitions and initiatives**.
- With this call, JPI Urban Europe aims to create a **transdisciplinary and cross-sectoral community** working in the field of the energy transition in the urban context, who can **align, synthesise, consolidate, and learn from each other** with regard to the **development and mainstreaming of PEDs/PENs**.

Participating Countries

- **Austria**
- **Belgium (Brussels Capital Region)**
- **Czech Republic**
- **Sweden**

A full list of national contacts and national eligibility criteria can be downloaded here:

<https://jpi-urbaneurope.eu/calls/ped-pilot-call/>

Call Topics

- **Topic 1: Contributing to the climate-neutral city: Holistic approaches for PED implementation**

In order to be successful on a large scale, the implementation of PEDs must meet general goals of sustainable urban development and urban qualities. Therefore, PED implementation needs to be integrated in holistic approaches, which imposes challenges on strategy development, planning, monitoring and evaluation. From an urbanistic view, it is an imperative to not view energy goals separately or as a matter of priority, but to involve them in systemic strategies aiming at creating sustainable, liveable, inclusive neighbourhoods fit to meet the challenges of our generations. In the end, PED implementation must contribute to creating high quality urban environments in line with climate, energy and sustainability goals.

Call Topics

- **Topic 2: Embeddedness in local contexts: Applied approaches for integrating PEDs in different urban contexts and the legal framework**

The PED Programme aims at developing a framework suitable for different urban contexts. Different pre-conditions require applied approaches both regarding strategies and technological solutions and might lead to considering wider urban/regional/national contexts in order to achieve a positive energy balance. PEDs need to be adapted to different urban contexts and the redevelopment of existing urban structures towards sustainability.

Call Topics

- **Topic 3: Engagement and governance: Urban governance, stakeholder involvement concepts and business models**

Holistic approaches for PED implementation require cross-sectoral approaches and innovative stakeholder involvement concepts in planning, implementation and operation respectively. This poses challenges for governance structures on regional, city and local (neighbourhood) levels and a re-consideration of the integration of top-down and bottom-up approaches. Identification and adequate involvement of relevant stakeholders and therefore the development of applied strategies in the PED implementation process from the beginning can be seen as a key factor for implementation success.

Call Topics

Guiding questions for projects across all topics may be:

- Which projects and initiatives have been successful? Which not?
- What have been critical success factors? What are the main barriers?
- Which projects or project elements are particularly useful for replication?
- Which approaches are suitable for new urban development? Which for existing neighbourhoods?
- Which methodologies for the calculation of CO2 emissions are used?
- What are the multiple benefits that the PED implementation may provide to the urban ecosystem?

Types of Projects

Projects should support:

- Transnational benefit
- Interdisciplinarity
- Transdisciplinarity, involvement of “stakeholders”, practitioners, citizens, community groups, NGOs
- Outputs and outcomes of the projects, broader impacts of the proposed activity

Types of Projects

Transnational Eligibility Criteria:

- Only **transnational projects** will be funded.
- Each consortium must involve **at least two applicants eligible for funding** coming **from two different countries** whose funders participate in the call. All two legal entities must be independent from each other.
- The **project coordinator must be eligible to be funded** by his/her national/regional participating funding organisation.
- The duration of a project **must not exceed 2 years**.
- Proposals must be **written in English** and respect the template form. The template form must be completely filled in.
- Proposals have to be submitted via the **FFG electronic submission system**.
- Proposals have to be submitted before the corresponding deadlines indicated.

Types of Projects

Type of research (from applied research to demonstration; TRL 3-7):

- Applied research (TRL 3-4 – proof of concept, research to proof feasibility, small scale prototypes),
- Piloting/testing/labs (TRL 5-6 – prototype testing in real environment),
- Demonstration (TRL 7 – demonstration in real environment, system integration).

Who can apply?

Applicants can come from organisations such as:

- Companies (from industry/large companies to SMEs), especially public utility companies (e.g. in the field of energy supply, other communal supply and disposal systems,...); energy service providers; real estate developers, investors, facility management providers; actors from the fields of energy, spatial and transport planning
- Cities, municipalities, regions
- Consumers (e.g. business enterprises, test households, etc.)
- Citizens' representatives, NGOs
- Research organisations (universities, university colleges, research institutes or other authorities with research undertakings)

Important: See Annex A of the call text for individual funders' rules!

Stakeholder involvement

- All projects must clearly engage stakeholders and demonstrate cities' and user needs relevant to the project goal (p. 11 of the call text)
- Consortia are asked to describe how stakeholders and cities are actively involved in the project in the application but extent of involvement may vary
- Involvement of stakeholders possible as full partners (co-applicants) or (self-financed) co-operation partners



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

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

Deutsch | Tutorial | FFG | Feedback

FFG

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:

[New Password](#)

[Log in](#)

UNTERNEHMENSERVICE PORTAL

[Login using USP](#)

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

FFG eCall

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

Logged in as [redacted]

How to create a new project

If you want to create a single application or lead a consortium, [Create new project](#)

When a leader of the consortium has invited you to join a consortium, [Join consortium](#)

Messages

Unread

There are no new messages available.

Impact Innovation	Förderung von Innovativen Projekten	
Innovationscheck mit Selbstbehalt	für Unternehmen	Application for the Innovation V
Laura Bassi 4.0. 2. Ausschreibung	Digitalisierung chancengerecht gestalten	31.08.2020 12:00
Markt Start	Markteinführungsphase nach einem F&E-Projekt	
Patent Scheck		
Positive Energy Districts JOINT CALL	JPI Urban Europe Joint Call for Proposals	24.09.2020 12:00
Positive Energy Districts NATIONAL CALL	ONLY FOR AUSTRIAN PARTICIPANTS	24.09.2020 12:00
Produktion der Zukunft 36. Ausschreibung	Transnationale Kooperative F&E-Projekte	20.11.2020 12:00
Projekt Start	Vorbereitung von F&E-Projekten	
Shift2Rail Call 2020	Joint Undertaking calls for associate partner proposals 2020	17.06.2020 12:00
Talente: Career-Grants 2019		
Talente: FEMtech Karriere 2020		31.12.2021 23:59

1)

2)

eCall Master Data
Completion and
Call Selection
(ONLY Application
Coordinator)

eCall Starting Page Master Data

FFG

Start Projects Messages Organisation Settings

Deutsch | Tutorial | FFG | Feedback | Logout

eCall

Organisation

Master data

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

Master data Annual Data Delete User management Staff profile Feedback

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 inst.

Legal form: *

Name of company / organisation: *

Commercial register number: *

Master Data ID:
3983331

VAT deductibility: *
 Yes
 No


Scientific discipline-group: *
5 Social Sciences

Scientific field: *
52 Legal Sciences

Finalization


not needed!

eCall Starting Page Call



Start
Projects
Messages
Organisation
Settings

Deutsch | Tutorial | FFG | Feedback | Logout



Application ID:
36428150

Call:
Positive Energy Districts 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.

Menu Hide ×

- Information
- Project data
- Consortium
- Costs and Funding
- Finalization
- Messages
- History

Information

With this first of a series of calls on the topic of Positive Energy Districts and Neighbourhoods (PED/PEN), JPI Urban Europe invites transdisciplinary and cross-sectoral communities of researchers and practitioners to create projects with focus on **smaller-scale joint R&I projects (duration 1-2 years) on PED/PEN implementation**, providing transnational alignment, comparison and exchange of experiences between (European) cities having PED projects in different phases (including pre-feasibility studies, planning, implementation, operation), their integration in general urban strategies, stakeholder involvement strategies and the role of geographical/climatic conditions. The results from projects granted in this call should help to facilitate knowledge transfer and learning from different European contexts, cities and countries to create greater engagement and understanding in PED implementation processes.

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

- Topic (a): Contributing to the climate-neutral city: Holistic approaches for PED implementation
- Topic (b): Embeddedness in local contexts: Applied approaches for integrating PEDs in different urban contexts and the legal framework
- Topic (c): Engagement and governance: Urban governance, stakeholder involvement concepts 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. It is not possible to resubmit or revise the proposal after the submission deadline.

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.

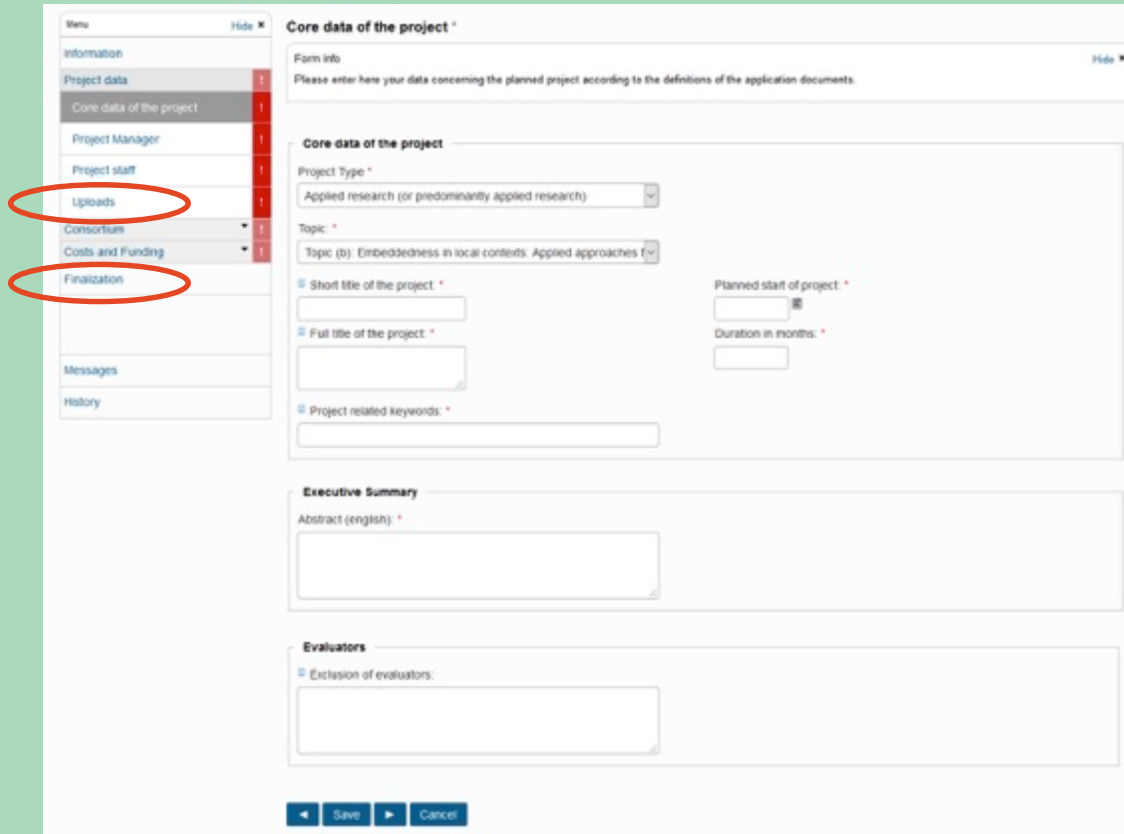
Depending on the country and the participating funding agency, different national laws might apply and different electronic systems will be used regarding the processing of personal data.

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

24 September 2020, 12:00 CEST

eCall Project Core Data (ONLY Application Coordinator)



Menu Hide ▾

- Information
- Project data
- Core data of the project**
- Project Manager
- Project staff
- Uploads
- Consortium
- Costs and Funding
- Finalization
- Messages
- History

Core data of the project *

Form info Hide ▾

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 f ▾

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

eCall Project Partner Invitation (ONLY Application Coord.)

Menu Hide ✕

Information

Project data ▾ !

Consortium ▾ !

Partners ▾ !

Costs and Funding ▾ !

Finalization

Messages

History

Partners

Information Hide ✕

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

◀
Save
▶
Cancel

eCall Project Partner Invitation (ONLY Application Coord.)

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

Matchmaking / Events

We wish to welcome interested actors to the **LinkedIn group “Networking in Positive Energy Districts and Neighbourhoods”** for self-organised networking and matchmaking. This is a group where you can continue to explore the possibilities for developing and submitting a joint call proposal together with more stakeholders or find possible future partners before the matchmaking event. Find the group here: <https://www.linkedin.com/groups/13849024/>.

- **Matchmaking via b2match platform in preparation**
- **Online Brokerage event: Tue, 30 June, 2020**

Contact

If you have questions on the general call process and proposal submission, please contact the **Call Secretariat**:

- Johannes Bockstefl
(also contact for questions related to the electronic submission system)
Austrian Research Promotion Agency (FFG)
Telephone: +43 5 7755 5042
E-mail: johannes.bockstefl@ffg.at
- Patrik Rydén
Viable Cities Programme Sweden
Telephone: +46 733 99 86 19
E-mail: patrik.ryden@viablecities.se



Links & Documents

On the call page <https://jpi-urbaneurope.eu/calls/ped-pilot-call/> you will find:

- **Online Submission System**
- **Call text**
- **Call presentation**
- **Proposal form**
- **List of National Contact Points**



<https://setis.ec.europa.eu/>
<https://jpi-urbaneurope.eu/ped/>

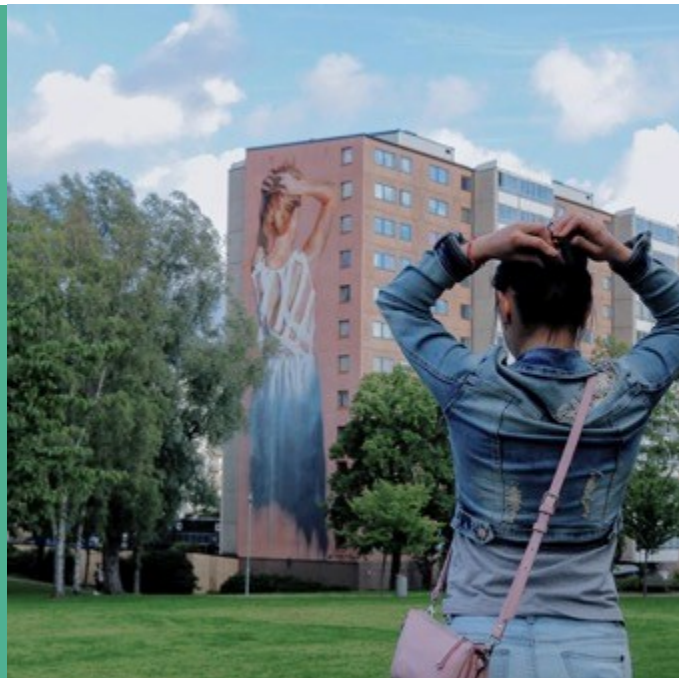
URBANEUROPE



Information till svenska projektpartners



Patrik Rydén,
samverkansstrateg,
Viable Cities



Utlysningen i korthet



Vad kan ni söka till?

Innovations- och demonstrationsprojekt som bidrar till att göra stadsdelar klimatpositiva och därmed städer klimatneutrala.



Vem kan söka?

Minst tre parter ska stå bakom ansökan, till exempel företag, universitet, forskningsinstitut, offentliga eller idéburna aktörer. Projektkonsortiet ska ha minst två sökande från minst två deltagande länder.



Hur mycket kan ni söka?

Budgeten för detta erbjudande är ca 6 miljoner kronor. Samfinansiering ska uppgå till 50 alt. 75 procent för projektet som helhet.



Budget och projekttid

- Cirka 6 miljoner kronor
- Fördelas på 2–3 projekt
- Projekttid:
Två år med start tidigast december 2020



Kriterier för svenska konsortier

1.

Grad av sam-
finansiering

2.

Aktörer som
behöver vara med
i konsortiet

3.

Fokus- och
temaområden

1. Samfinansieringsgrad

Bidragsfinansieringen täcker en viss andel av de totala (stödberättigade) projektkostnaderna. Samfinansiering från medverkande projektpartners måste uppgå till en viss andel för projektet som helhet.

- För innovationsprojekt 50%
- För demonstrationsprojekt 75%



2. Aktörer i konsortiet

Projektkonsortiet ska bestå av minst **tre** oberoende aktörer från minst **två** av följande aktörsgrupper:

- universitet, högskolor eller forskningsinstitut
- företag
- offentlig sektor
- idéburen sektor (civilsamhällesorganisationer)

Projektkonsortiet ska ha minst två sökande från minst två deltagande länder.



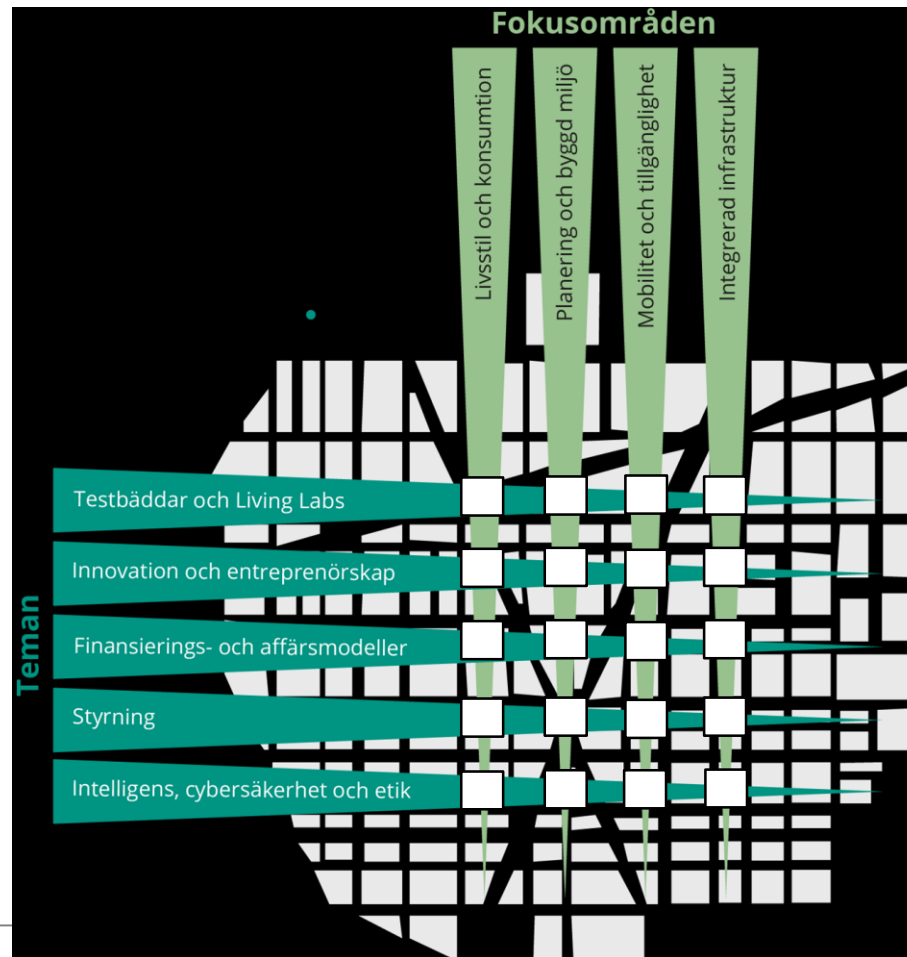
3. Fokus- och temaområden

Projektet ska beröra minst **två** av följande fokusområden:

- Livsstil och konsumtion
- Planering och byggd miljö
- Mobilitet och tillgänglighet
- Integrerad infrastruktur

och minst **ett** av temaområdena:

- Testbäddar och Living Labs
- Innovation och entreprenörskap
- Finansierings- och affärsmodeller
- Styrning
- Intelligens, cybersäkerhet och etik



Från ansökan till projektstart



Stöd under ansökan

Konsultation - krav på ansökan, idéutveckling

Partner search - svenska och europeiska partners

Anmäl intresse till Patrik Rydén

application@viablecities.se

Internationellt matchmaking-event, 30 juni 2020



Frågor och svar

Emina Pasic

programansvarig Viable Cities,
Energimyndigheten

Olga Kordas

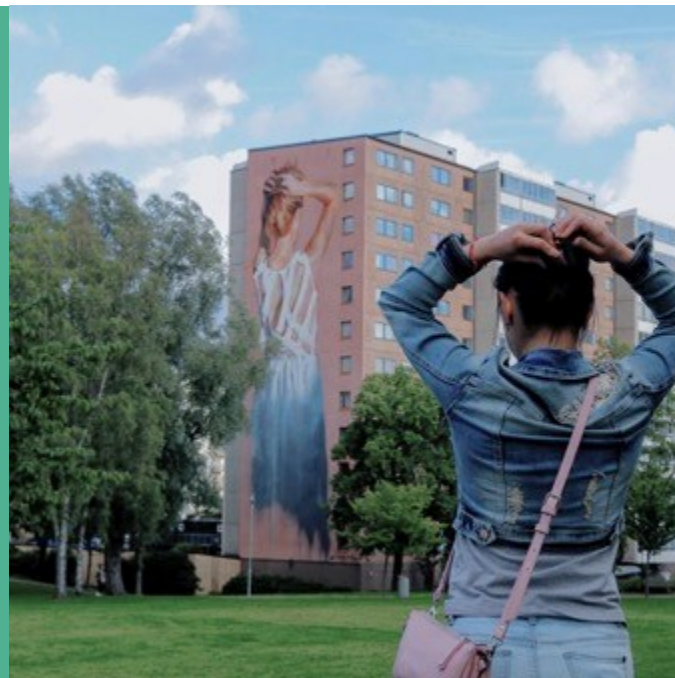
programchef, Viable Cities

Johannes Bockstefl

responsible for the call, FFG

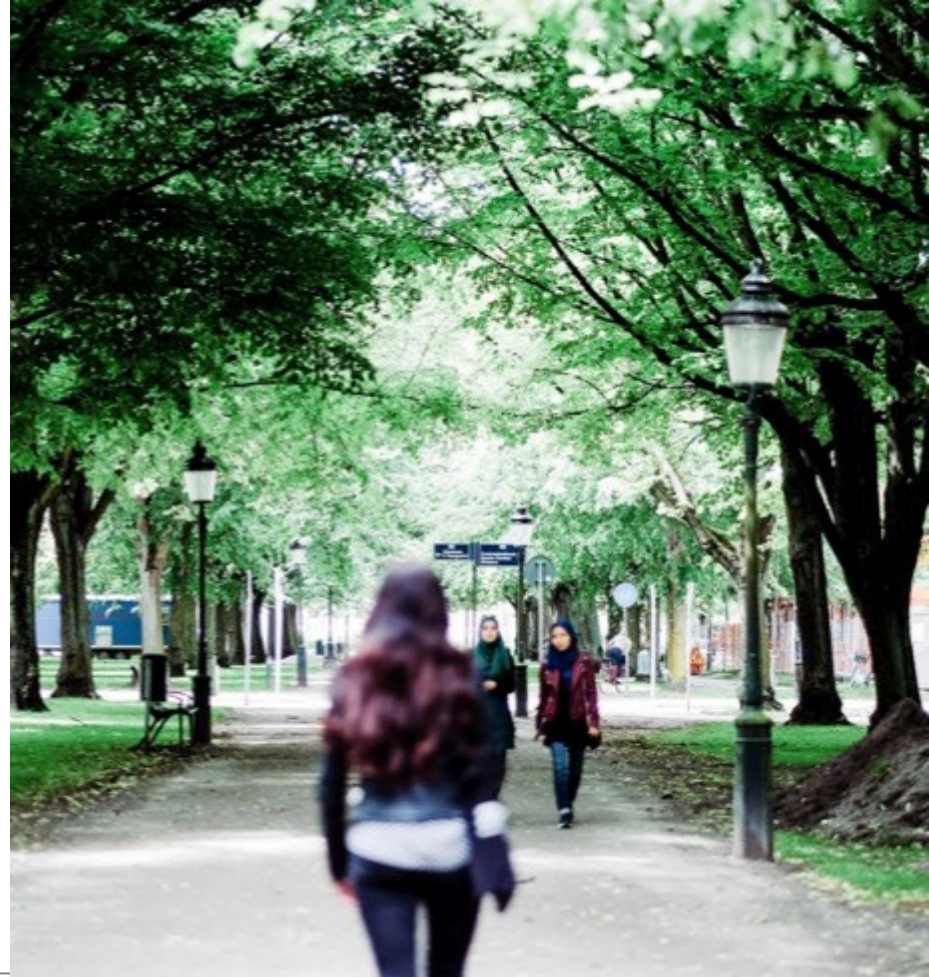
Patrik Rydén

utlysningsansvarig, Viable Cities



Frågor om utlysningen

- Frågor och svar på webben vbct.es/info-PED
- Eller mejla Patrik Rydén, application@viablecities.com



Tack!

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[linkedin.com/company/viable-cities](https://www.linkedin.com/company/viable-cities)



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Prenumerera på nyhetsbrevet
vbct.es/nyhetsbrev

viablecities.se