



ENUAC

INNOVATION ACTION PROGRAM

PROJECTS CATALOGUE 2023

EDITORS

Katarina Schylberg, IQ Samhällsbyggnad

Ida Mårtensson, IQ Samhällsbyggnad

DESIGN AND LAYOUT

Chris Versteeg, Projekt C

Published in 2023

ENUAC INNOVATION ACTION PROJECT CATALOGUE	5
About the call	5
Call topics	5
Timeline	8
STATISTICS	10
PROJECTS	14
ACCTRA	15
STREETFORUM	16
TAAM	17
TOLLS THAT WORK	18
CONTACT US	20



ENUAC INNOVATION ACTION PROJECTS CATALOGUE

This projects catalogue presents the four projects that were granted funding in the ERA-NET Cofund call Urban Accessibility and Connectivity (ENUAC) Innovations for Managing Sustainable Urban Accessibility (Innovation Action).

The ENUAC Innovation Action call was launched in 2022 by the joint programming initiative (JPI) Urban Europe by way of a collaboration between seven funding agencies in five European countries. In this third ENUAC additional call, innovative solutions are the focal point.

ABOUT THE CALL

The ERA-NET Cofund Urban Accessibility and Connectivity (ENUAC) launched a first call in 2019, jointly funded by JPI Urban Europe and European Commission. The projects funded in the first call will run until 2024. In 2022 three additional calls were published; ENUAC knowledgehub call, ENUAC Sino-European call and ENUAC Innovation Action. In the context of this ERA-NET, sustainable urban accessibility and connectivity is defined as the ease with which activities and opportunities may be reached in an urban transport system, with lower negative environmental impacts. Network connectivity reflects the directness of routes, using different modes to travel between points and it applies both for passenger and freight transport.

The dramatic consequences of the climate crisis are already starting to become visible, making it apparent that swift and effective actions to reduce GHG emissions are unavoidable. Urban transport is a major contributor to GHG emissions and thus calls for a significant reduction, especially in a highly urbanised continent like Europe. Innovative solutions are required for cities of all types and sizes, with new options for managing access as means for accelerating their transitions towards attractive and climate-neutral places for living. Doing so will be key for necessary traffic avoidance and create the freedom to redistribute the precious (while always limited) space of urban streets to sustainable transport modes and high-quality public space.

CALL TOPICS

The innovation-oriented research and development projects to be funded in the Innovation Action call, were expected to address relevant technologies, novel practices, business and operating models and policies to enable and facilitate cities in conceptualising, piloting, replicating

and scaling urban accessibility and access management measures or regulation schemes.

The four projects funded address one or several of the four call topics:

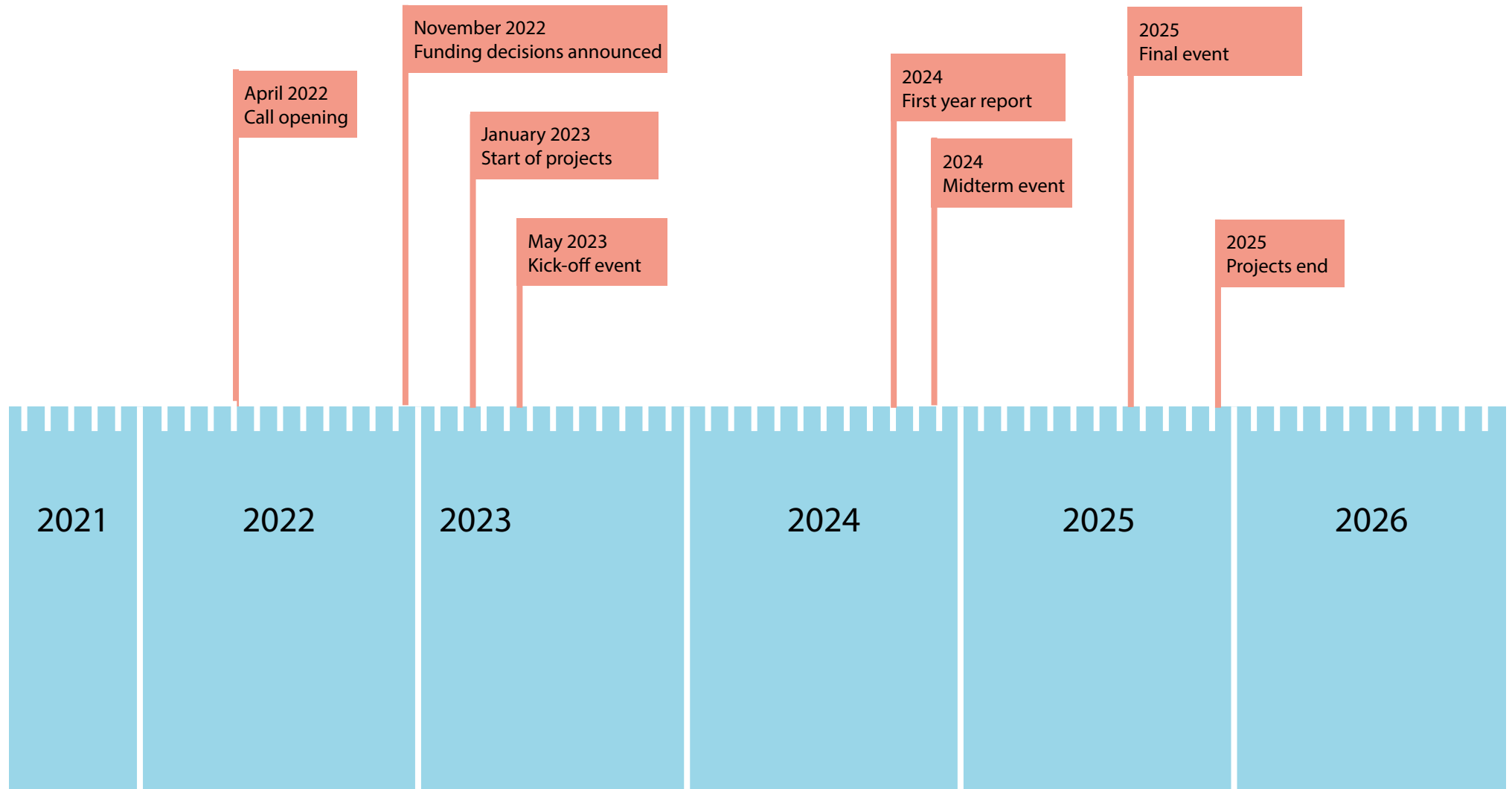
- Utilising untapped potentials and mainstreaming of measures for managing urban accessibility
 - Making measures for managing urban accessibility accepted and participatory
 - Making measures for managing urban accessibility more agile
 - Making measures for managing urban accessibility effective, robust and impactful
-



TIMELINE

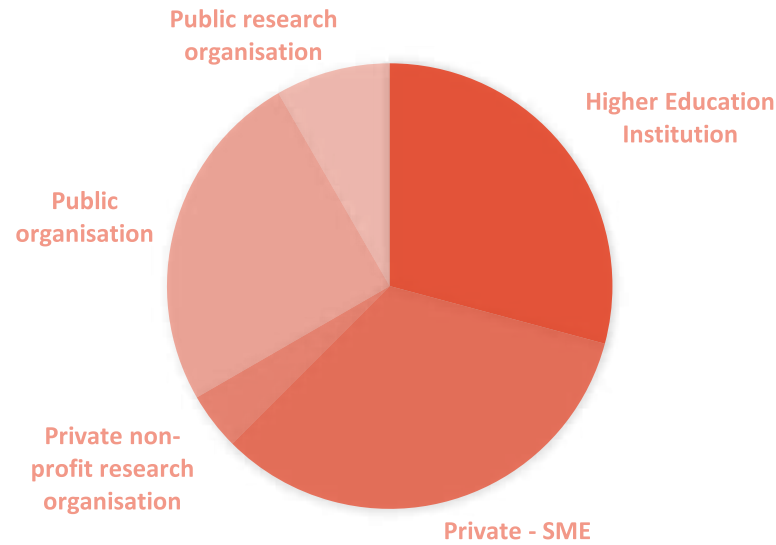
The ENUAC Innovation Action call was issued in April 2022 and in November of 2022, 4 projects were awarded.

The projects will begin in 2023 and finish in 2025.



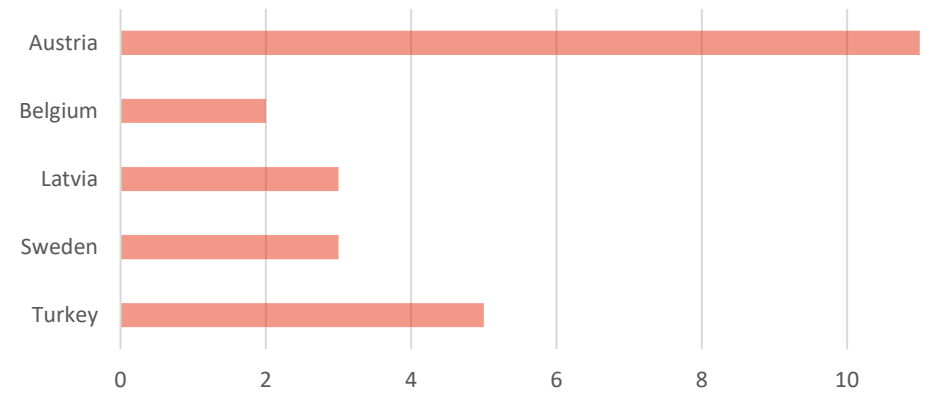
STATISTICS

PROJECT PARTNERS PER TYPE OF ORGANISATION



Higher Education Institution	7
Private - SME	8
Private non-profit research organisation	1
Public organisation	6
Public research organisation	2
Total:	24

PROJECT PARTNERS PER COUNTRY



Austria	11
Belgium	2
Latvia	3
Sweden	3
Turkey	5
Total:	24

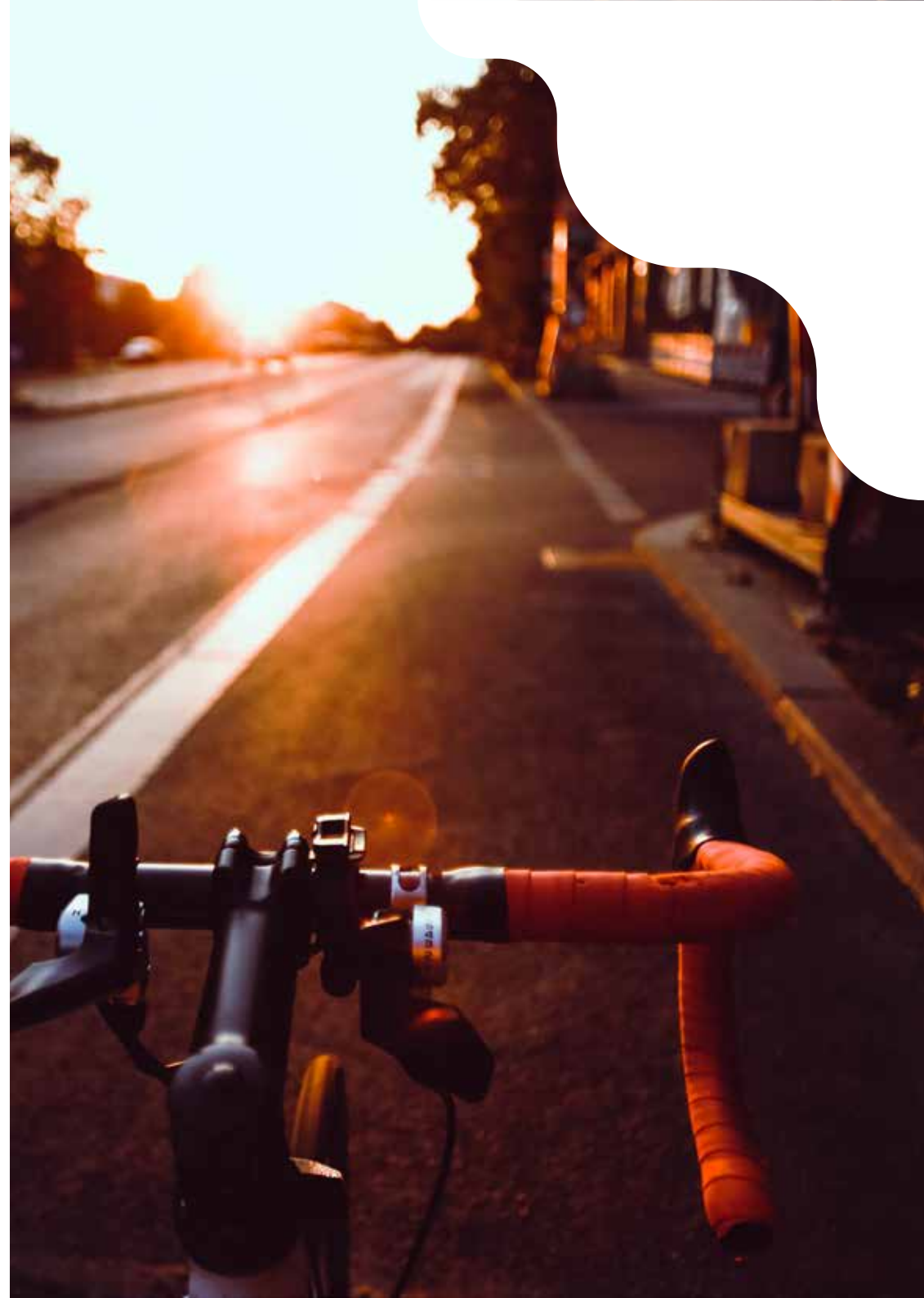
AGENCIES PER COUNTRY

COUNTRY	AGENCY
Austria	FFG
Belgium	Innoviris, VLAIO
Latvia	LCS
Sweden	Vinnova, SWEA
Turkey	TÜBITAK

CALL TOPICS

1. Utilising untapped potentials and mainstreaming of measures for managing urban accessibility
2. Making measures for managing urban accessibility accepted and participatory
3. Making measures for managing urban accessibility more agile
4. Making measures for managing urban accessibility effective, robust and impactful

PROJECT		
ACCTRA	2	
StreetForum	2	
TAAM	3	
TollsThatWork	1	



PROJECTS

- ACCTRA
- STREET FORUM
- TAAM
- TOLLS THAT WORK

ACCTRA

Evidence and acceptance - from experiments to transformation



The ACCTRA project aims to make the city more sustainable, liveable and accessible for everyone through adjustments to the transport system. To do so, we will create a better understanding of how street experiments can be used to empower alternatives to car traffic such as walking, biking, public transports or scooters.

The project will be conducted with local administrations in Istanbul and Klagenfurt. As an outcome, we will create guidelines outlining the best practices for creating more accessible and sustainable transport using street experiments. The project results will further be embedded in municipal projects in street transformations.

Contact persons: Martin kp Berger, martin.kp.berger@tuwien.ac.at

Duration of the project: 2023-2025

Budget: Total costs 544 764 € (total requested grant 367 090 €)

<https://jpi-urbaneurope.eu/project/acctra/>

STREET FORUM

Transforming streets into accessible urban oases through consensus building with digital and analogue tools



What is the best for our communities? How can we support change? How do we negotiate with residents, road users and the authorities to find a consensus to reduce traffic and improve liveability in our neighbourhood? The StreetForum Toolkit will help to answer these questions by developing a set of analogue and digital tools available free-of-charge to local communities to support their efforts of neighbourhood street transformation, reduce car traffic and improve liveability. The tools will be demonstrated in Istanbul, Brussels, Vienna and Stockholm working with local communities to transform car-dominated streets into streets for people.

Contact person: Imre Keseru, imre.keseru@vub.be

Duration of the project: 2023-2025

Budget: Total costs 1 050 973 € (total requested grant 864 536 €)

<https://jpi-urbaneurope.eu/project/streetforum/>

TAAM

Toolbox for Agile urban Accessibility Management



Smart cities have started to introduce traffic management strategies and access regulations to foster a more sustainable mobility behaviour among their citizens. By now, these strategies tend to be long-term strategies without the flexibility to adapt them to changing conditions in an agile way.

TAAM aims to introduce a digital pathway for creating, managing, publishing and measuring the impact of strategies and regulations. This introduced digital life cycle is evaluated through different use cases in four pilot cities in Latvia and Austria. TAAM closes a missing link for smart cities on the way to managing their agile sustainable mobility strategies.

Contact persons: Elisabeth Jarusel, elisabeth.jarusel@prisma-solutions.com

Duration of the project: 2023-2025

Budget: Total costs 918 225 € (total requested grant 527 767 €)

<https://jpi-urbaneurope.eu/project/taam/>

TOLLS THAT WORK

City tolls that work



City tolls are widely recognised as an effective policy measure to fight congestion and decrease the negative environmental impacts of car traffic in cities. However, due to their low public acceptability, only few cities (including London, Stockholm and Gothenburg) have implemented them.

The main public concern is usually that tolls lack fairness, affecting some population groups more negatively than others. Based on unique Swedish data, we measure to what extent this concern is justified. Moreover, we propose and investigate innovative road-pricing schemes with cash-back components that might have both substantial public support and a positive welfare effect.

Contact persons: Stefanie Peer, speer@wu.ac.at

Duration of the project: 2023-2025

Budget: Total costs 683 573 € (total requested grant 631 374 €)

<https://jpi-urbaneurope.eu/project/tollsthatwork/>

CONTACT US

The ENUAC initiative is operated on a daily basis by a European management team. Many operational issues are dealt by national funding agency contact points.

CALL SECRETARIAT

Johannes Bockstefl, FFG, Austria: johannes.bockstefl@ffg.at

Björn Svensby Kurling, Vinnova, Sweden: bjorn.svensbykurling@vinnova.se

COMMUNICATION AND EVENTS

Katarina Schylberg, IQS, Sweden: katarina.schylberg@iqs.se

Ida Mårtensson, IQS, Sweden: ida.martensson@iqs.se

PROJECTS' CONTACT POINT

Elena Simion, UEFISCDI, Romania: elena.simion@uefiscdi.ro

NATIONAL FUNDING AGENCIES

Contact information to all national funding agencies involved in ENUAC and their contact persons are available at www.jpi-urbaneurope.eu



This project is supported by the European Commission and funded under the Horizon 2020 ERA-NET Cofund scheme under grant agreement N° 875022



www.jpi-urbaneurope.eu

info@jpi-urbaneurope.eu



JPI Urban Europe

@JPIUrbanEurope

@JPIUrbanEurope