

ACUTE

Accessibility and Connectivity knowledge hub for Urban Transformation in Europe

Final Event

28/11/2024

URBAN  EUROPE



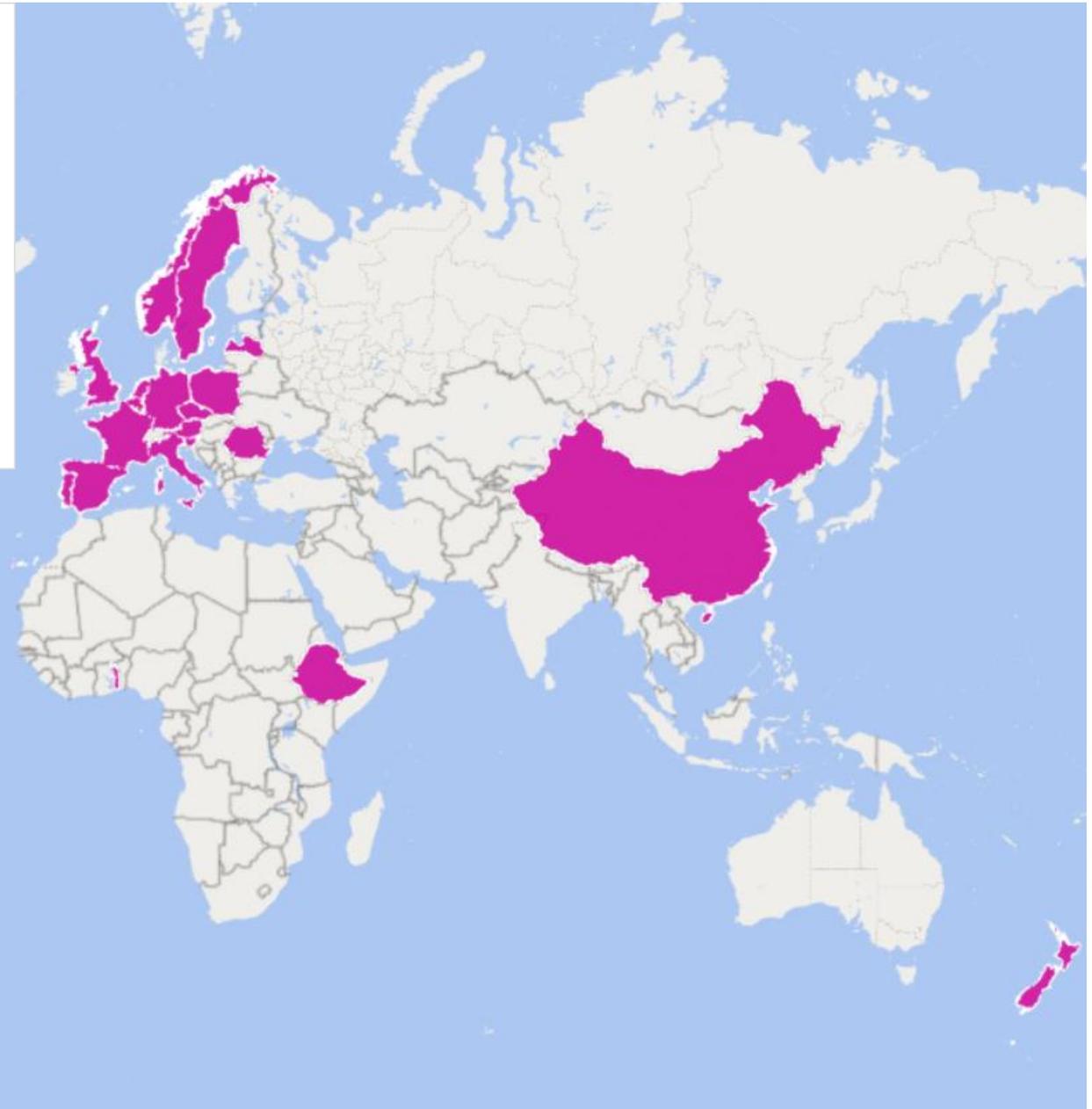
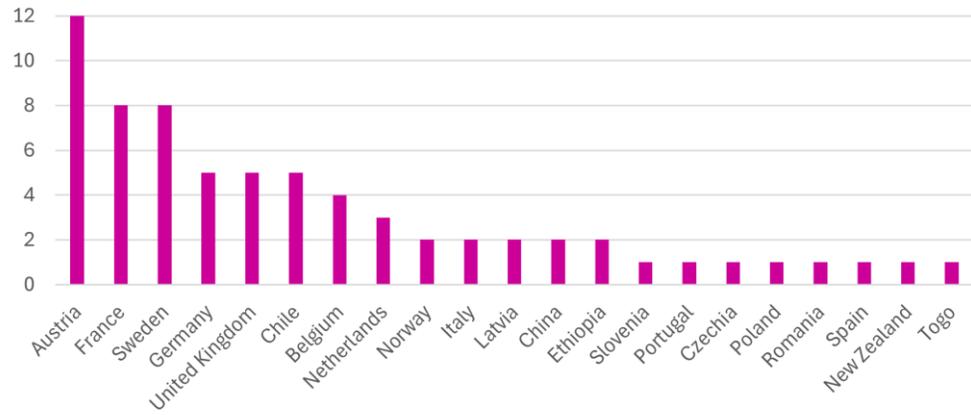
This project is supported by the European Commission and funded under the Horizon 2020 ERA-NET Cofund scheme under grant agreement N° 875022

AGENDA

	Item	Start	End	Lead
1.01	<i>Welcome and Introduction to the ACUTE project</i>	01:00	01:10	Manfred Gronalt, BOKU University Vienna; Hans Häuslmayer, h2pro
1.02	ACUTE Working Group 1: ENUAC Cross-research Community	01:10	01:20	Sabina Cioboata, University of Westminster; Enya Reichmuth, BOKU University Vienna
1.03	<i>ACUTE Working Group 3: Practitioner Interaction</i>	01:20	01:30	Maria Juschten, Graz Energy Agency
1.04	ACUTE Working Group 4: Text Analysis as a Strategic Tool for DUT	01:30	01:40	Gatis Vitols, Latvia University of Life Sciences and Technologies
1.05	<i>ACUTE Working Group 2: Research Synthesis and Implementation Gaps</i>	01:40	01:50	Göran Smith, Research Institutes of Sweden
1.06	Discussion, Q&A	01:50	02:05	
1.07	<i>ACUTE Working Group 5: Future of the Knowledge Hub</i>	02:05	02:15	Aldis Erglis, University of Latvia
1.08	Showcase: 15minC Knowledge Hub Community Platform	02:15	02:35	Alain L´Hostis Université Gustave Eiffel
1.09	<i>Final Discussion Round</i>	02:35	03:00	

REGISTERED PARTICIPANTS TODAY

Number of registrations per country



ACUTE GOALS

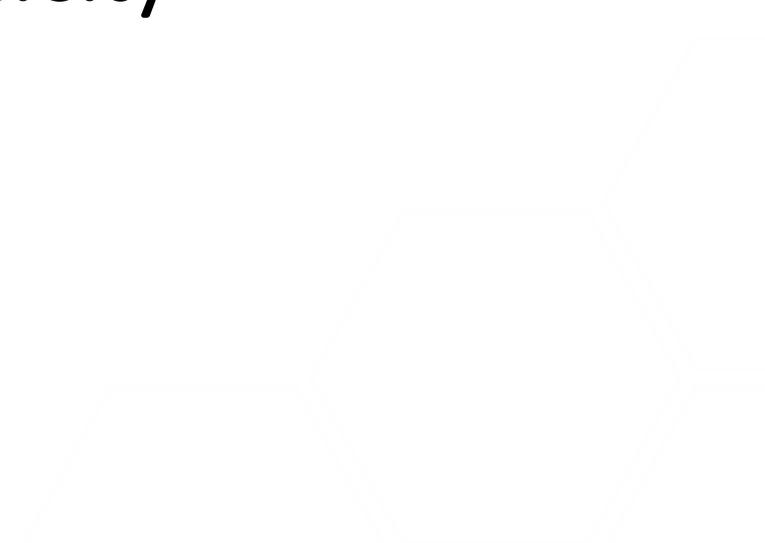
- Establishing a Knowledge Hub for 15 ENUAC projects
- Overcome the fragmentation of findings and experiences;
- Space for stakeholder exchange and co-creation;
- Enable cross-project cooperation; consolidate and synthesise knowledge;
- Support practitioners and the mainstreaming of research results;
- Provide strategic support for Program “Driving Urban Transitions”;

ACUTE IN NUMBERS

- 12 partners, 5 countries, 25 project members, 2 years
- 50 project partner meetings,
- >30 other Workshops, Conferences, Presentations, Seminars, Talks etc.
- 15+ ENUAC projects directly covered with 2 survey rounds, >30 personal in-depth interviews
- >50 project documents computationally analysed
- Overview of >200 related projects with >2000 partners analysed
- >3600 ACUTE related emails in my Outlook folder (and counting...)

Sabina Cioboata, University of Westminster

Enya Reichmuth, BOKU University



AIMS:

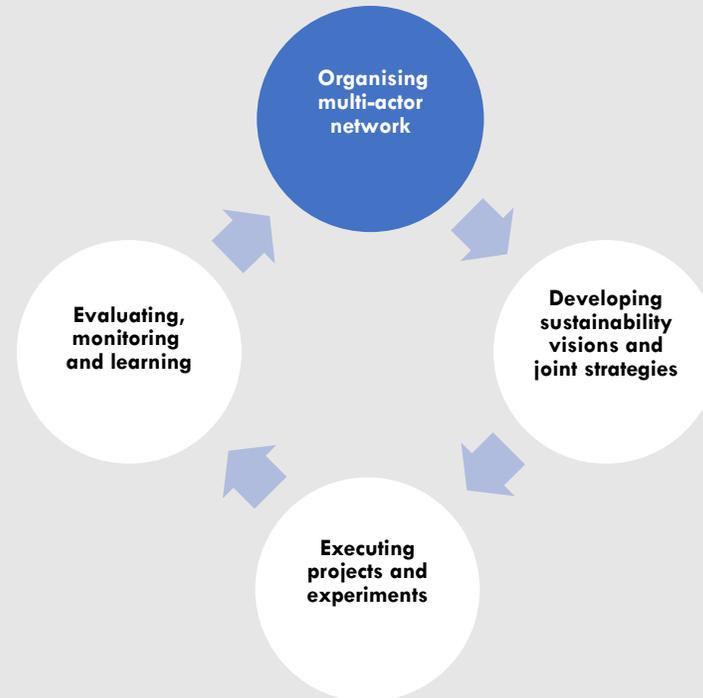
- Map key projects.
- Enable cross-project cooperation.
- Enable knowledge sharing.
- Cross-analyse the ENUAC projects and understand impacts / real-life applications.



METHODS:

- Projects mapping survey in 2022: 91 respondents across all 15 projects.
- Semi-structured interviews in 2023: project coordinators and practitioners interviewed across all 15 projects.

FINDINGS:



- Strategic collaboration with cities.
- Practitioner involvement in various roles.
- No ENUAC project cooperation.

KEY TAKEAWAYS:

Multi-stakeholder collaborations:

- Aligning academic research with needs on the ground a challenge.
- Balancing research and innovation/application requirements a challenge.
- Informal collaboration channels critical for forming partnerships.

Project impacts:

- Adaptability in resource allocation to respond to evolving needs is key.
- Sustained support beyond typical funding cycles important for impact.
- Longevity, scalability, management of tools after funding ends major concerns for academics.

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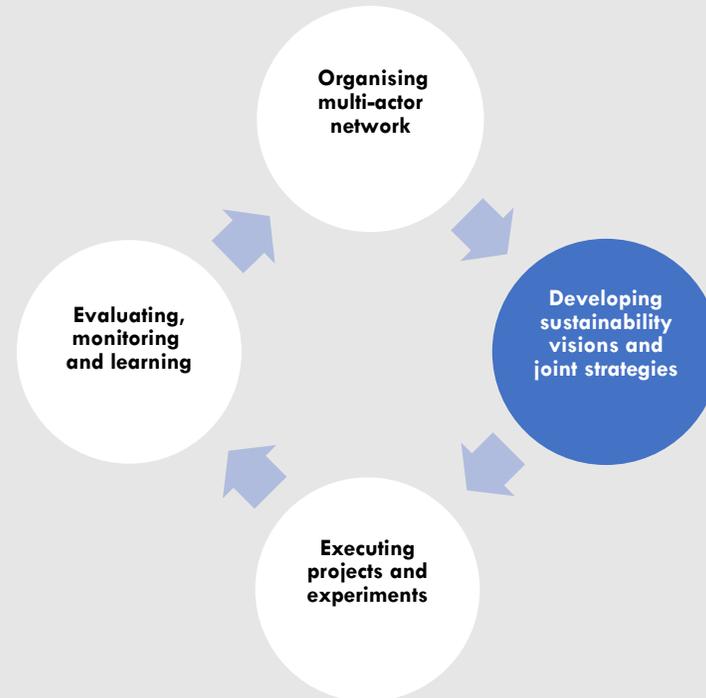
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FINDINGS:



- Knowledge co-creation and co-identification of gaps through arenas like workshops.
- Involvement with policy shifts.

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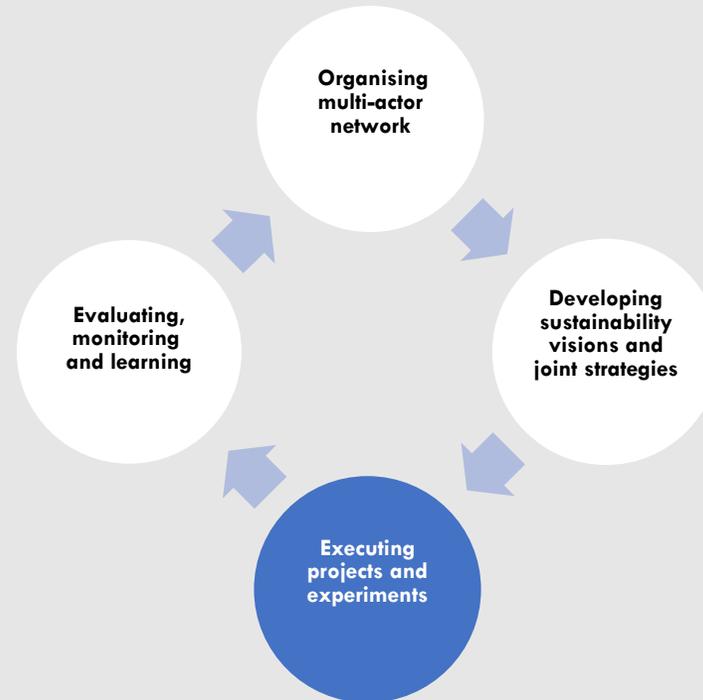
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FINDINGS:



- Living labs in cities.
- Tool and prototype development and testing.
- Methodology development and testing.

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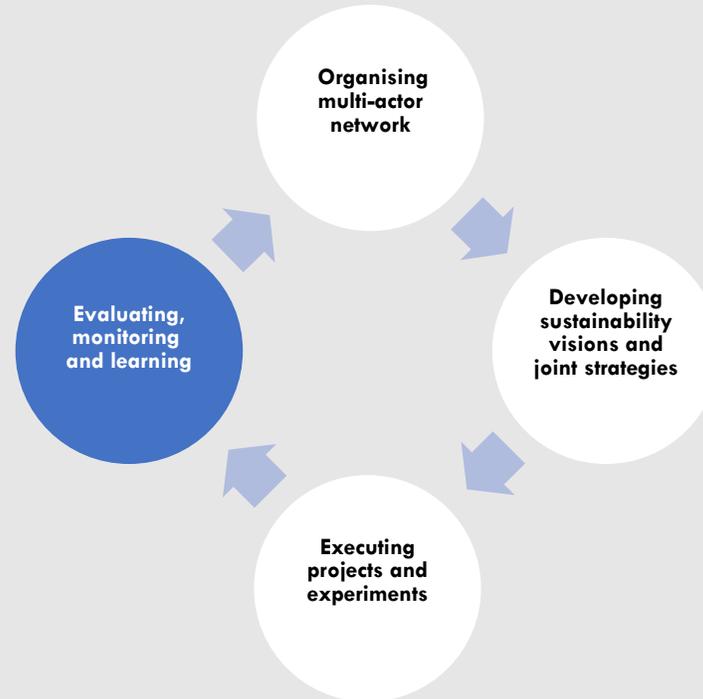
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FINDINGS:



- Evaluation and monitoring of interventions, solutions, pilots.
- Learning from failure.
- Alignment with ongoing policy and practice shifts.

KEY TAKEAWAYS:

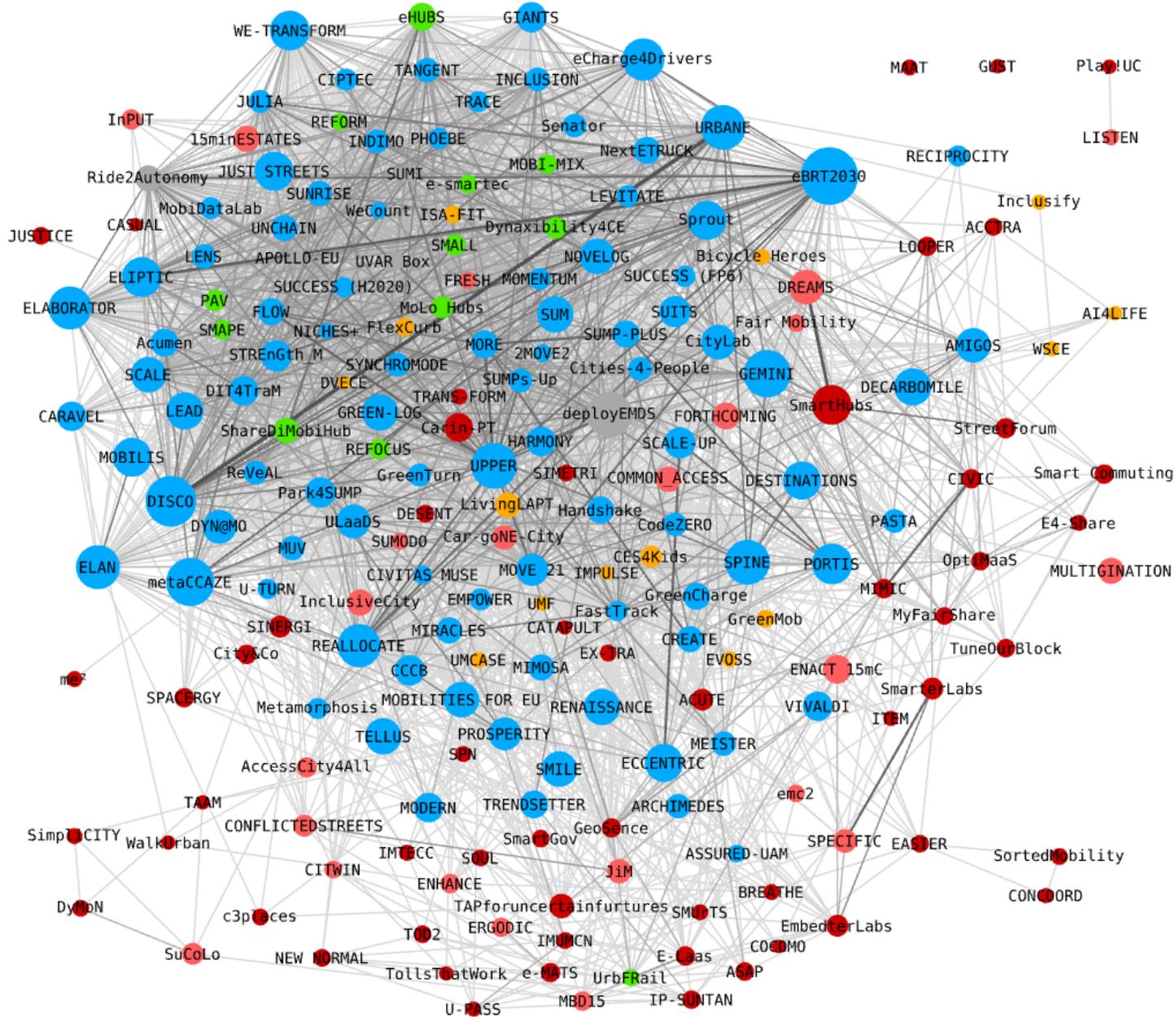
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RESEARCH PROJECTS NETWORKS



Funding programme

- JPI Urban Europe
- EU framework programmes
- Interreg
- EIT Urban Mobility
- DUT Partnership
- Other projects

Number of project partners

○ 3 ○ 30 ○ 55

Number of shared project partners

— 1 — 5 — 11

Maria Juschten, Graz Energy Agency



ACUTE WORKSHOPS

Workshop	Date	Part of (event)	Place	Res.	Pract.	Topic
15 min City WS	Mar 23	UERA General Assembly	Milan	23	9	Defining the 15mC: the role of proximity, inclusivity, and its assessment.
15 min City WS	Feb 24	UERA General Assembly	Karlsruhe	15	3	Inclusivity as a cornerstone of the 15mC concept.
15 min City WS	Oct 23	NECTAR conference	Antwerp	20	2	Accessibility as a cornerstone of the 15mC concept.
15 min City WS	Nov 23	POLIS Conference	Leuven	7	11	Key features, research needs, and beneficiaries of the 15mC.
City Workshop	Jun 24	POLIS Conference	Utrecht	2	13	Building blocks, opportunities, and challenges in implementing the 15mC.
 N-WS Sweden	Jan 24	Transportforum	Linköping	7	5	Leveraging research to advance sustainable mobility transitions.
 N-WS Austria	Apr 24	National Mobility Conference BMK	Vienna	8	11	Designing a Knowledge Hub to bridge research and practice.
 N-WS France	May 24	Mobility Days	Strasbourg	/	27	Ensuring inclusivity and mitigating risks like ghettoization in the 15mC.
 N-WS Latvia	Sep 24	MadCity Conference	Riga	4	11	Enhancing stakeholder knowledge-sharing for sustainable mobility planning.
 N-WS UK	Nov 24	Stand-alone workshop	online (Zoom)	7	8	Sustainable Mobility: From Research to Action

How to define & implement the 15mC for inclusivity and accessibility?

How to facilitate knowledge transfer between research & practice?





Barriers of knowledge transfer

- **Structural Misalignment:** Research timelines, funding mechanisms & priorities often conflict with the practical needs and pace of cities and industry.
- **Communication Gaps:** Academic outputs - often inaccessible to practitioners (technical language, limited dissemination beyond academic channels)
- **Incentive Mismatch:** Researchers prioritize publications over collaboration, lacking institutional rewards for knowledge transfer
- **Fragmented Systems:** absence of structured, long-term platforms for consistent and systematic exchange between research and practice.



**Changes in
project set-up**

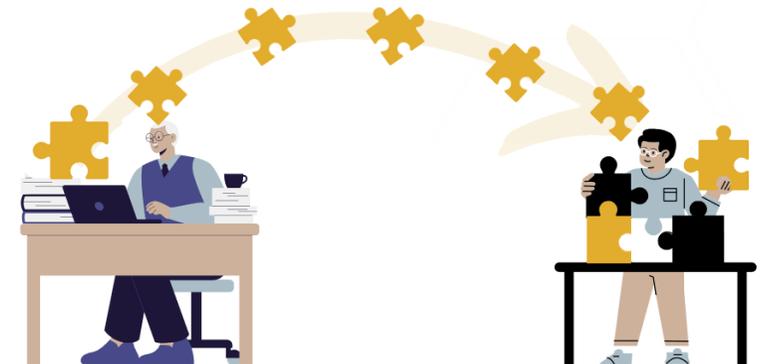


**Practitioner-
oriented outputs**



Knowledge Hub

- **Overall:** very **positive feedback** from various workshops towards the idea of a joint platform for knowledge sharing
- **Requirements:**
 - Longevity, project-independent **funding**
 - **Intuitive navigation** & interesting content is key to usage
 - Accessibility in diff. EU countries → **AI-based translations**
- **Desired functionalities:**
 - Project database / **repository**
 - Repository for project assets, such as **surveys, data and tools**
 - Topic or **problem-centered search** (--> AI-based).
 - **Event calendar**
 - Moderated **forums** or other stakeholder engagement



Gatis Vitols, Latvia University of Life Sciences and Technologies

TEXT ANALYSIS AS STRATEGIC TOOL

Are there any tools to assist analysis and evaluation?



Evaluation and analysis process overview:

Gap Analysis identifies missing or underrepresented terms/topics relative to priorities (DUT and SRIA).

Method: Text Gap Analysis (TF-IDF).

Compliance Analysis measures alignment with DUT and SRIA.

Methods: Word Frequency Analysis and Text Similarity Analysis.

Similarity Analysis groups related documents or topics to measure thematic alignment.

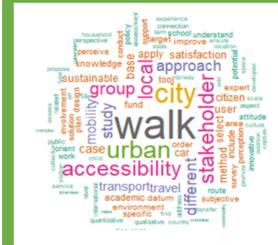
Methods: Clustering and Dendrogram Visualization.

Uniqueness Analysis identifies distinct themes in each document.

Methods: Unique Terms Identification (TF-IDF) and Word Clouds.



Proposal for project "WalkUrban"

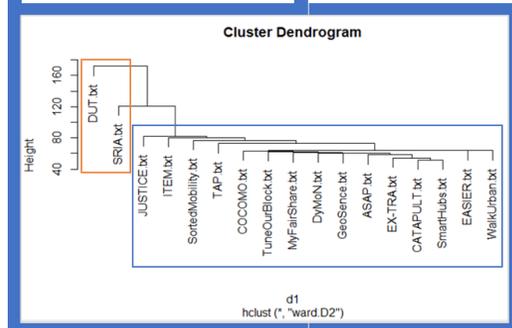
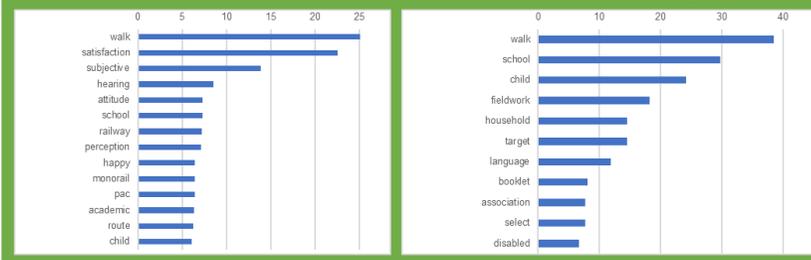


Final report "WalkUrban"

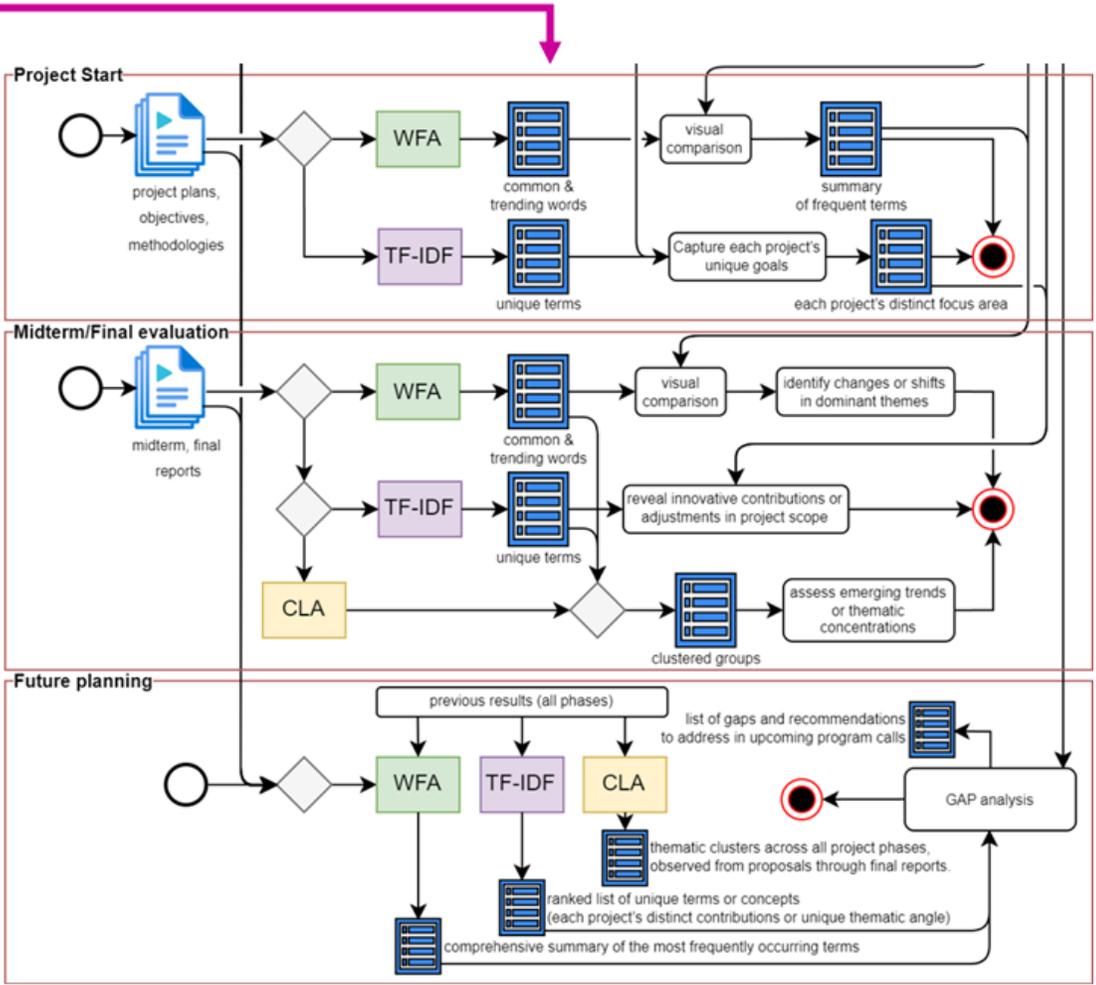
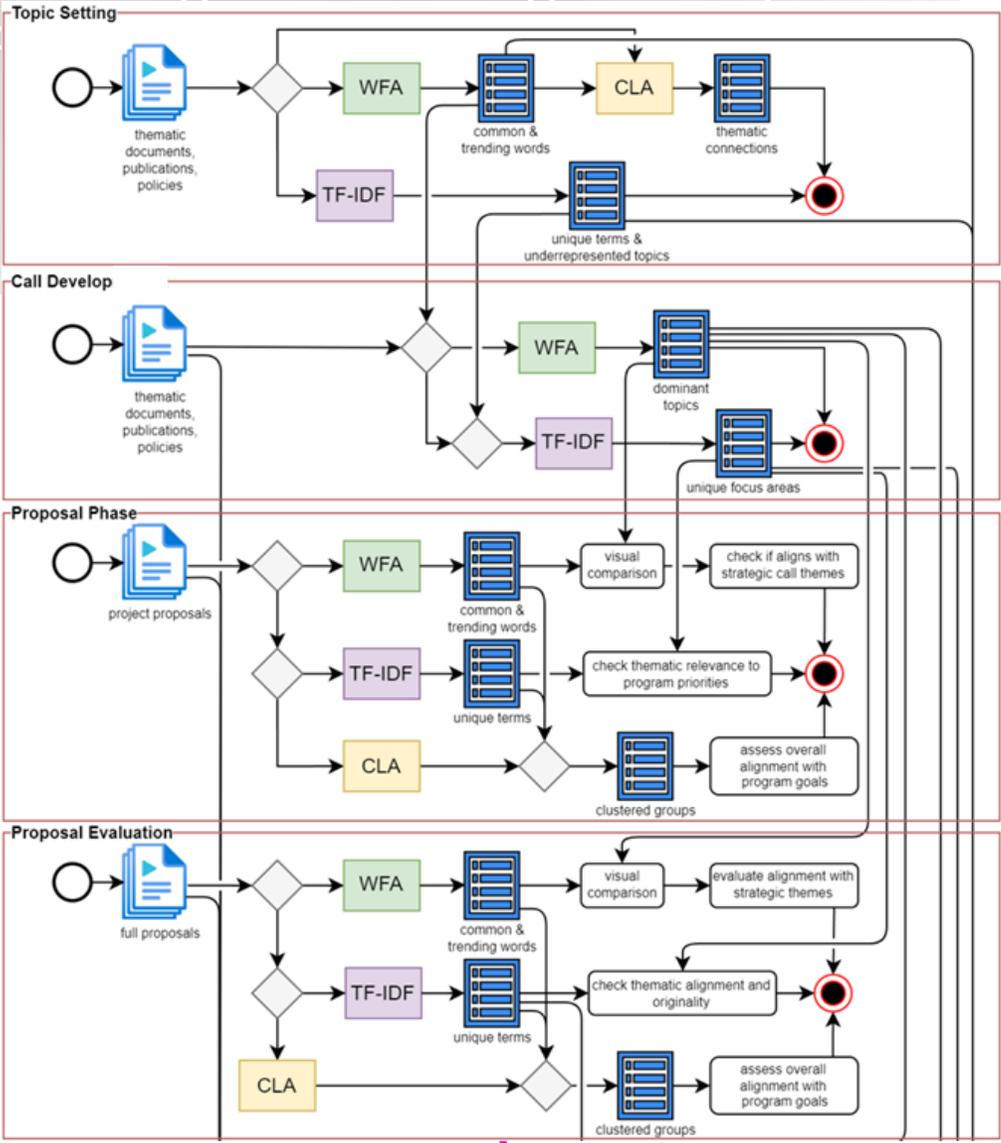


Midterm report "WalkUrban"

Uniqueness of "WalkUrban" proposal to midterm report

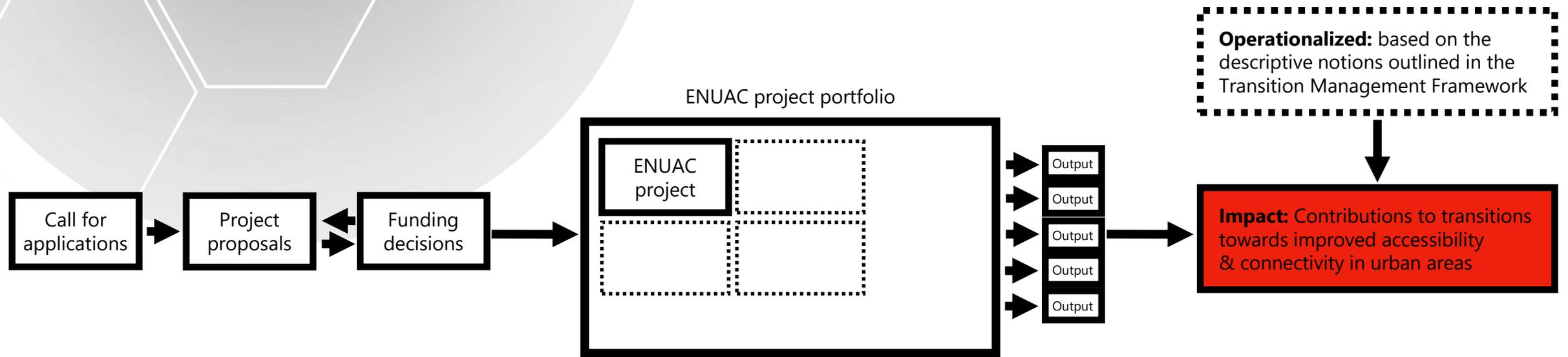


USE IN THE PROGRAMME WORKFLOW



Göran Smith, RISE – Research Institutes of Sweden

METHODOLOGY AND RESULTS



Three main conclusions

- A **power imbalance** that resulted in research organizations dominating work and decision-making
- The portfolio suffers from an **innovation bias**, largely overlooking regime destabilization
- Projects **rarely elaborate on key concepts and transferability complexities**

“Going forward, we urge funders interested in supporting urban experimentation and ULLs to issue more flexible and democratic funding calls so that they accommodate a broader spectrum of project approaches and ensure that local stakeholders can be, and are, actively involved in project formulation, execution, decision-making, and afterlife.”

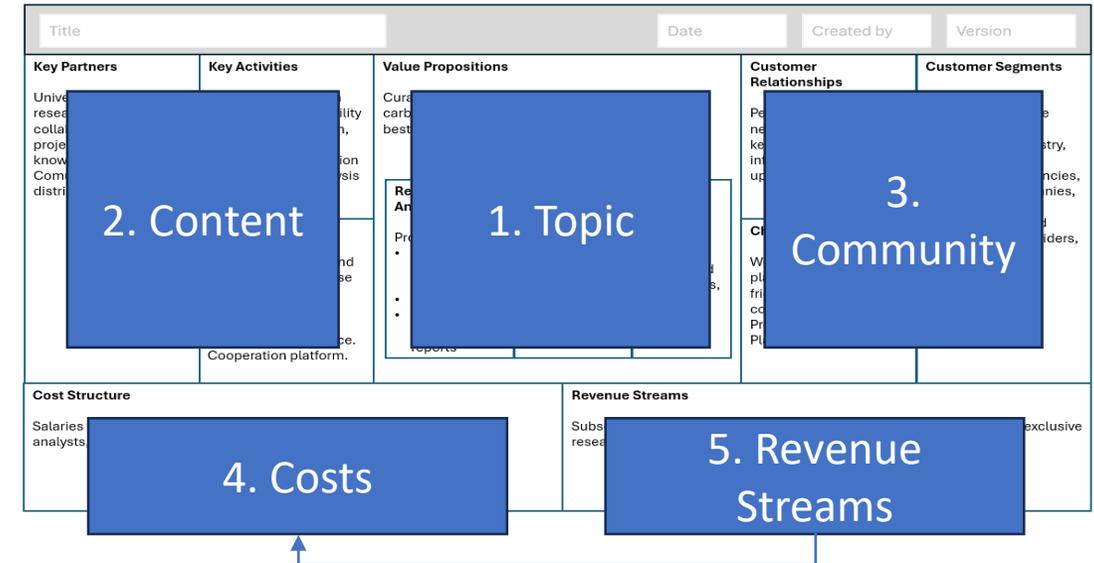
Aldis Erglis, University of Latvia



DEVELOPMENT OF 3 SCENARIOS

Value framework of sharing the research results

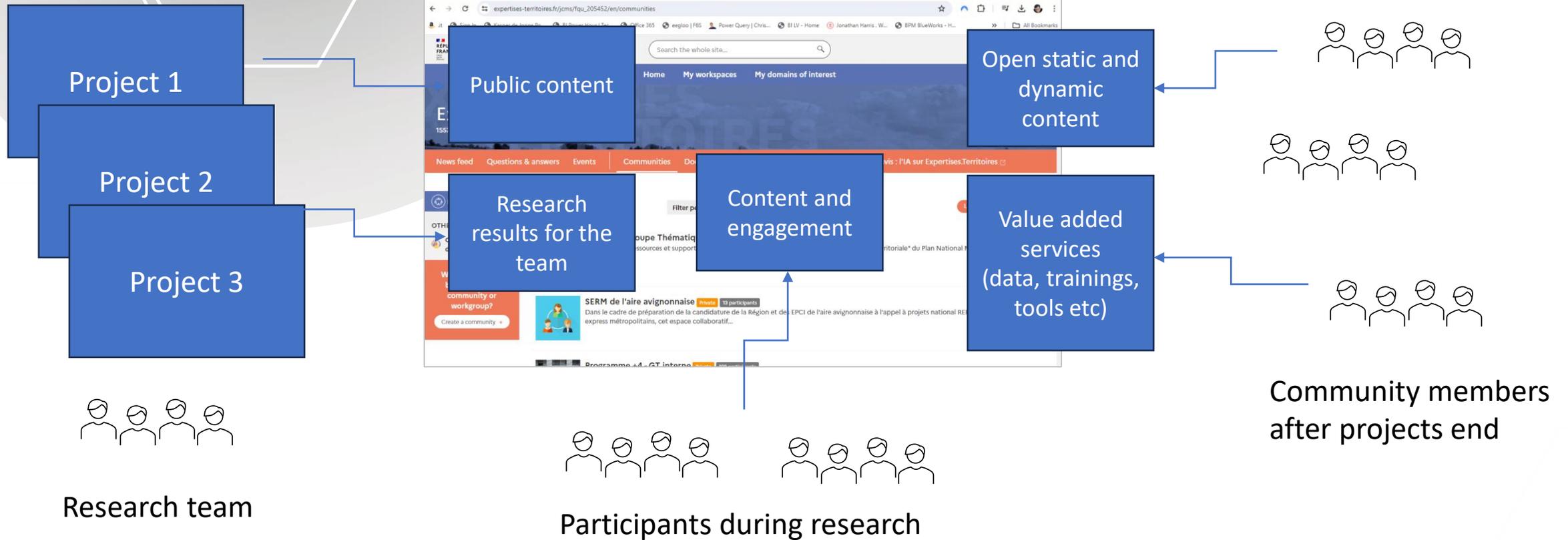
Key stakeholder groups	Value categories	Access to original research information	Access to structured research information	Access to tools, data and applied methods	Participation in community events and trainings
Research institutions		High	High	Medium	Medium
National and local government institutions		Medium	High	High	Medium
Businesses, developers		Medium	High	High	High
Urban development-oriented NGOs		Medium	High	High	High



Knowledge hub level	Description	Maintaining costs per year*
Marketplace	A platform where different stakeholders can find partners, suppliers or customers for their research, data, training and other value-added services related to the Knowledge Hub topic.	>440K/EUR
Community	Community-based Knowledge Hub, where a community leadership group provides regular updates about Knowledge Hub topics, providing online meet-ups/seminars, news, training, etc.	<120K/EUR
Static content	Published searchable content created during the project.	<15K/EUR

COMMUNITY PLATFORM

Community platform



Community size over time (starting with research phase)

Alain L`Hostis, Université Gustave Eiffel



SHORTLIST OF PLATFORMS FOR A KNOWLEDGE HUB COOPERATION

	Platform type	Membership	Communication		Contribution	Interaction		Website / Url
			Communicate results	Content visible by non members		Ask and answer questions on the topic of 15mC	Connect academic results with practitioners issues	
POLIS	Network	Private	Yes	No	Edited	No	Yes	https://www.polisnetwork.eu/
UTMC	Community	Private	Yes	No	Free	No	Possible	https://urbantransitionsmission.org/centre/
C40 Hub	Network	Open	Yes	Yes	Edited	No	No	https://www.c40knowledgehub.org
EU Urban Mobility Observatory	Website	Private	No	Yes	Edited	No	No	https://urban-mobility-observatory.transport.ec.europa.eu/index_en?prefLang=de
ALICE Knowledge Platform	Community	Open	Yes	Yes	Edited	No	No	https://knowledgeplatform.etp-logistics.eu/my/
UNIDO Knowledge Hub	Community	Open	Yes	Yes	Edited	No	No	https://hub.unido.org/
CIVITAS	Network	Open	Yes	Yes	Edited	No	No	https://civitas.eu/
Zenodo	Repository	Open	Yes	Yes	Free	No	No	https://zenodo.org/
Project´s web sites	Website	Private	Yes	Yes	Edited	No	No	individual
ENUAC BaseCamp	Repository	Private	No	No	Free	No	No	individual
DUT Sharepoint Server	Repository	Private	No	No	Edited	No	No	individual
LinkedIn	Social network	Open	Yes	Yes	Free	No	No	https://www.linkedin.com/
15m Cities Community on Expertises Territoires	Community	Open	Yes	Yes	Free	Yes	Yes	https://www.expertises-territoires.fr/jcms/pl1_392516/en/15-min-cities-bringing-more-proximity-in-cities



Sign in Login

You are an elected official
You are an agent of the community, of the State
You are an expert
You are a company
You are a civil society person

Collaborate, share your experiences, co-construct the expertise of today and tomorrow.



Join the movement



Quickly find answers to your questions



Pool learning and feedback



Be inspired by best practices and continuously learn about your fields



Co-construct solutions for your territories

Featured communities



Challenge : Mobilisation



Communauté Ponts



Applisat - Communauté du satellitaire



Our partners



BACKGROUND AND METHOD

- Lots of silos of knowledge and a strong isolation of stakeholders in addressing the challenges faced
- A need to share questions, problems, and solutions, and to rely on cooperative spaces to co-construct them
- A necessity to connect expertise from diverse backgrounds to address issues
- Method: the user-centered approach (listening to needs, prototyping, testing)
- Based on several person-years work and lots of internal and external interviews

- Lead the (inter)national expertise communities (in this case on the challenges of ecological transition and climate adaptation)
 - By becoming the "digital commons"
 - Through opening to all stakeholders at the local, national, and international level
 - By offering robust and scalable functionalities
 - Through a continuous user-centered focus
 - Through quality, close support (both in community animation and transforming Cerema's practices)
- **By a white-label approach**

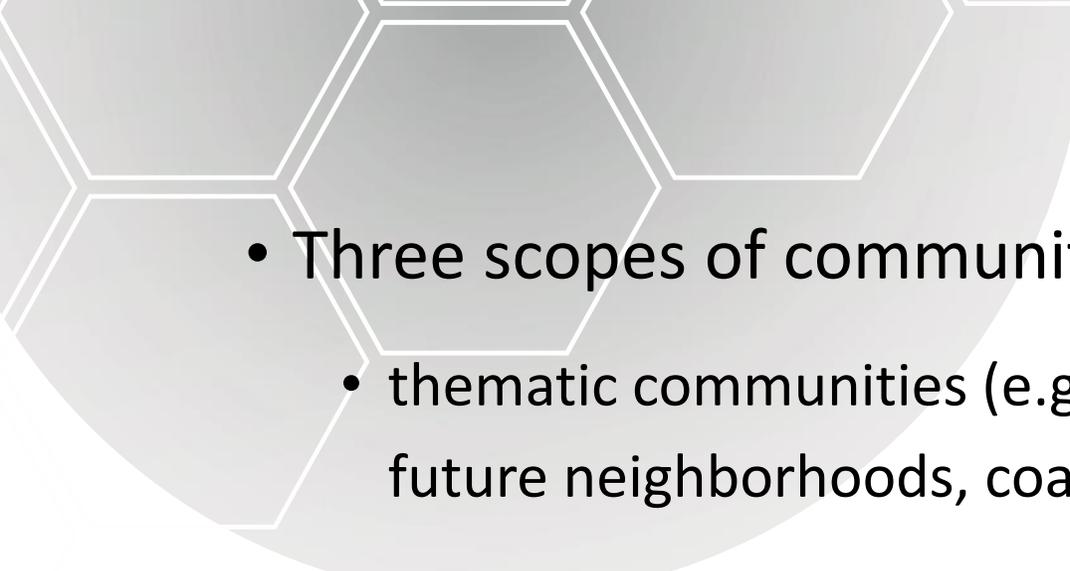
WHITE-LABEL ADAPTABILITY

- Each partner and community can retain its own identity, thereby gaining visibility,
- Design, layout, functions etc. can be adapted easily



ADVANTAGES

- The platform enables the collaboration of numerous expert to solve complex problems while saving a significant amount of time.
- It has been developed over more than a year to provide a wide range of collaborative tools in a single space:
 - Co-editing (spreadsheet, word processing, presentation)
 - Task manager, Calendar functions, Q&A functions, Blog, Date polling
 - Questionnaire, Resource space – Information or Project Repository
 - Integrated video/chat solution, Internet link sharing
 - and many more...



SCOPE OF COMMUNITIES

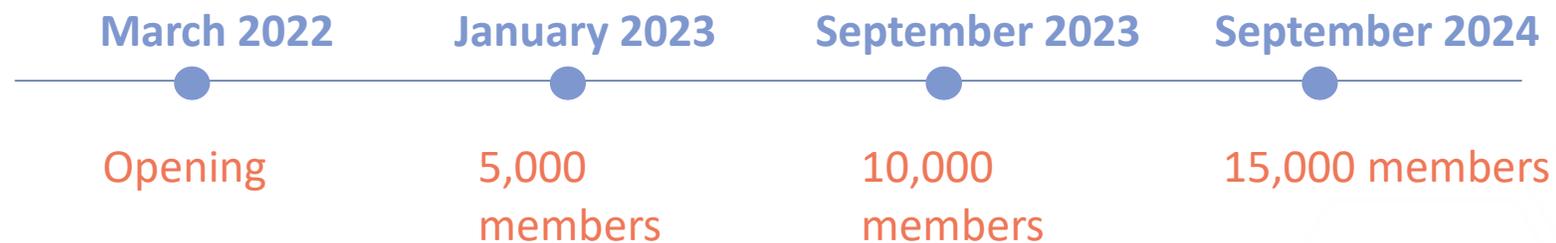
- Three scopes of communities can be created:
 - thematic communities (e.g. mobility, environmental health, accessibility, future neighborhoods, coastal areas, etc.),
 - territorial communities (a territory can create its own community with its ecosystem of actors), and
 - technical communities with territorial technical conferences.
- The goal is for these communities to thrive, create new content, attract new members, and also for bridges to be built between communities.

TYPES OF COMMUNITIES

- Communities can be public, private or secret, allowing for collaboration on confidential projects:
 - Public community : its content, its members, its questions etc... are for everyone to see
 - Private community : its name is visible to everyone, but its content for members only
 - Secret community : It is only visible to the members who compose it
- Hierarchical communities - can easily be translated/ adapted to a hierarchy of:
 - Research programs (e.g. DUT),
 - Its individual yearly calls (e.g. 2022 DUT Call) and/or its thematic streams (e.g. 15mC pillar)
 - its individual projects (e.g. DREAMS)
 - working groups / work packages within a project (e.g. WP5)

MAIN FIGURES

- 17,268 members:
 - 16,422 outside Cerema
 - 1,685 within Cerema
- 246 communities:
 - 41 public
 - 198 private



15-min CITIES COMMUNITY



Community presentation

This community showcases the latest research on 15 minute cities and practitioners' experiences in implementing the concept. It is an initiative of the **ACUTE (Accessibility and Connectivity for Urban Transformation in Europe)** project, whose aim is to create a knowledge hub for exchange in the field of urban accessibility and connectivity. Our purpose is to overcome the fragmentation of knowledge, experience, skills and outcomes. ACUTE addresses the challenges of sustainable urban passenger mobility, freight transport, connectivity and accessibility as an integral and essential part of sustainable urban development. ACUTE aims to create a space for stakeholders to exchange and co-create. The community provides an inclusive environment for urban actors from different backgrounds (researchers, practitioners, public administrators, entrepreneurs, social innovators, etc.) to discuss current issues and priorities and to identify the most pressing urban challenges of today and tomorrow. The ACUTE project is a multi-stakeholder project involving partners from five European countries, coordinated by **BOKU - University of Natural Resources and Applied Life Sciences, Institute of Production and Logistics (AT)**. The partners are **Université Gustave Eiffel (FR), Cerema (FR), Latvia University of Life Sciences and Technologies, University of Latvia, RISE - Research Institutes of Sweden, University of Westminster (UK), Malmö University (SWE), K2 (SWE), Power Circle (SWE), University of Innsbruck (AT) and Graz Energy Agency (AT)**.

[4 ways to use this platform](#)

[Edit the introduction](#)

Workspace news feed

Calendar

- Thursday 28 November
1:00 PM **ACUTE - ENUAC Knowledge Hub Project Final Event**
- December 4, 2024
11:00 AM **Webinar "The Role of Shared Mobility in Affordable Housing"**
- March 24, 2025
Day **AAG 2025 : Association of American Geographers annual meeting**
- March 25, 2025
Day **AAG 2025 : Association of American Geographers annual meeting**
- March 26, 2025
Day **AAG 2025 : Association of American Geographers annual meeting**

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Göran Smith: goran.smith@ri.se

Aldis Erglis: aldis.erglis@lu.lv

Alain L'Hostis: alain.lhostis@univ-eiffel.fr

ACUTE 15-min CITIES COMMUNITY:

https://www.expertises-territoires.fr/jcms/pl1_392516/en/15-min-cities

ACUTE WEBSITE ON JPI URBAN EUROPE:

<https://jpi-urbaneurope.eu/project/acute-accessibility-and-connectivity-knowledge-hub-for-urban-transformation-in-europe/>