



Greening the last mile

The POLIS vision towards zero emission urban freight

Special Session 2.3

Innovation in Urban Logistics: Public and Private Sectors Thriving Together

Dublin, 16 April, 09:45 – 11:00

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Urban Freight Cluster Lead, POLIS

Peer-to-peer exchange

Policy & Advocacy

Research

Innovation

120 Cities, regions and related entities

SUSTAINABLE
URBAN
MOBILITY
INNOVATION

Current challenges and main priority topics

- **E-commerce** exponential growth, increase in last-mile deliveries likely to persist
- Need for **zero emission** vans, cargo bikes, new distribution models, dynamic routing, urban rail and inland waterways
- **Optimisation**, incl. reducing empty and unnecessary runs
- More work at EU level on assessing the need for more urban freight **data** collection and sharing
- **Collaboration**, regular dialogues, networking and exchanges to share knowledge on sustainable urban logistics management and planning
- Reinforced role of **urban nodes** in the revision of the TEN-T Regulation



Public - private cooperation is key

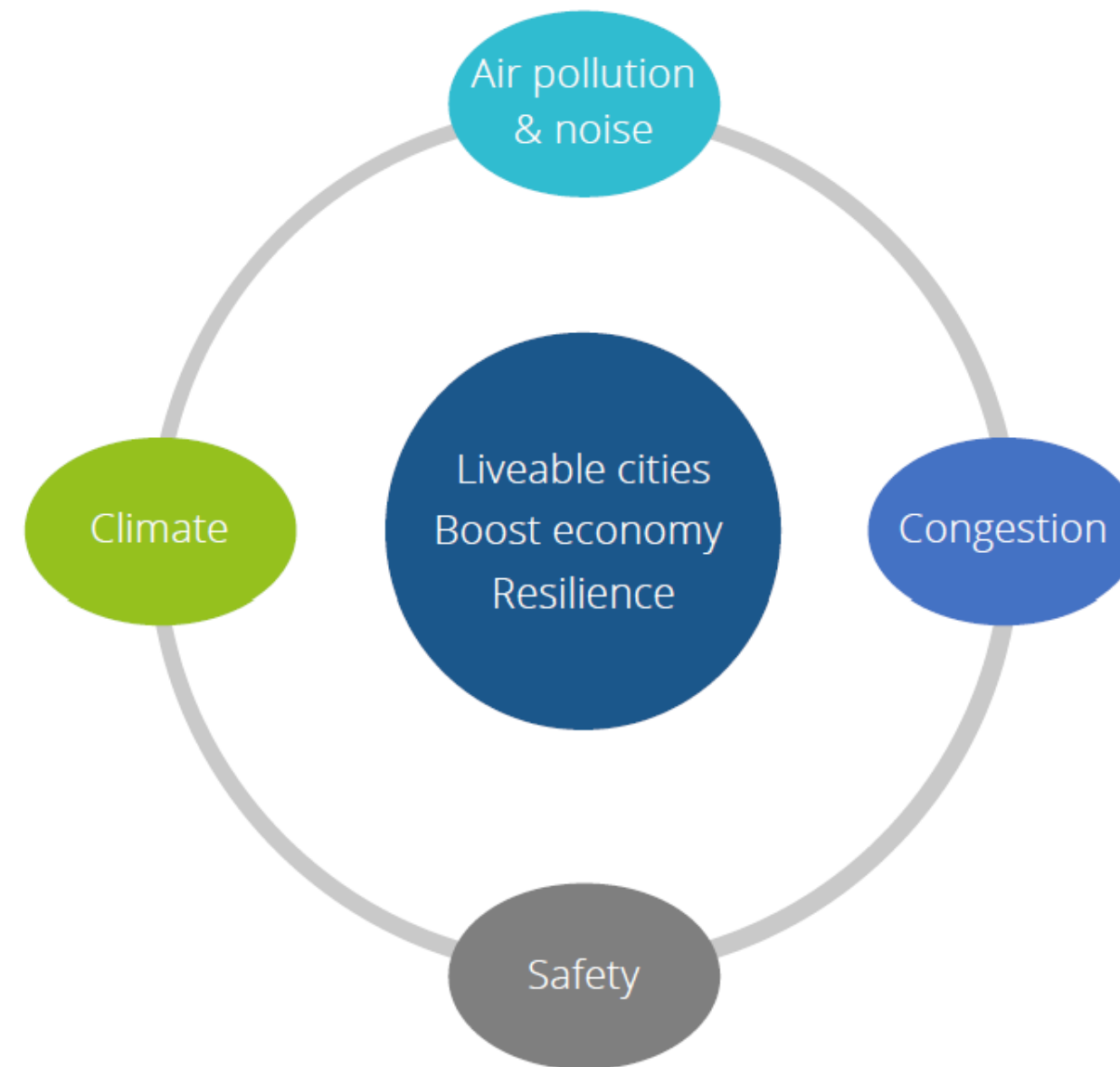
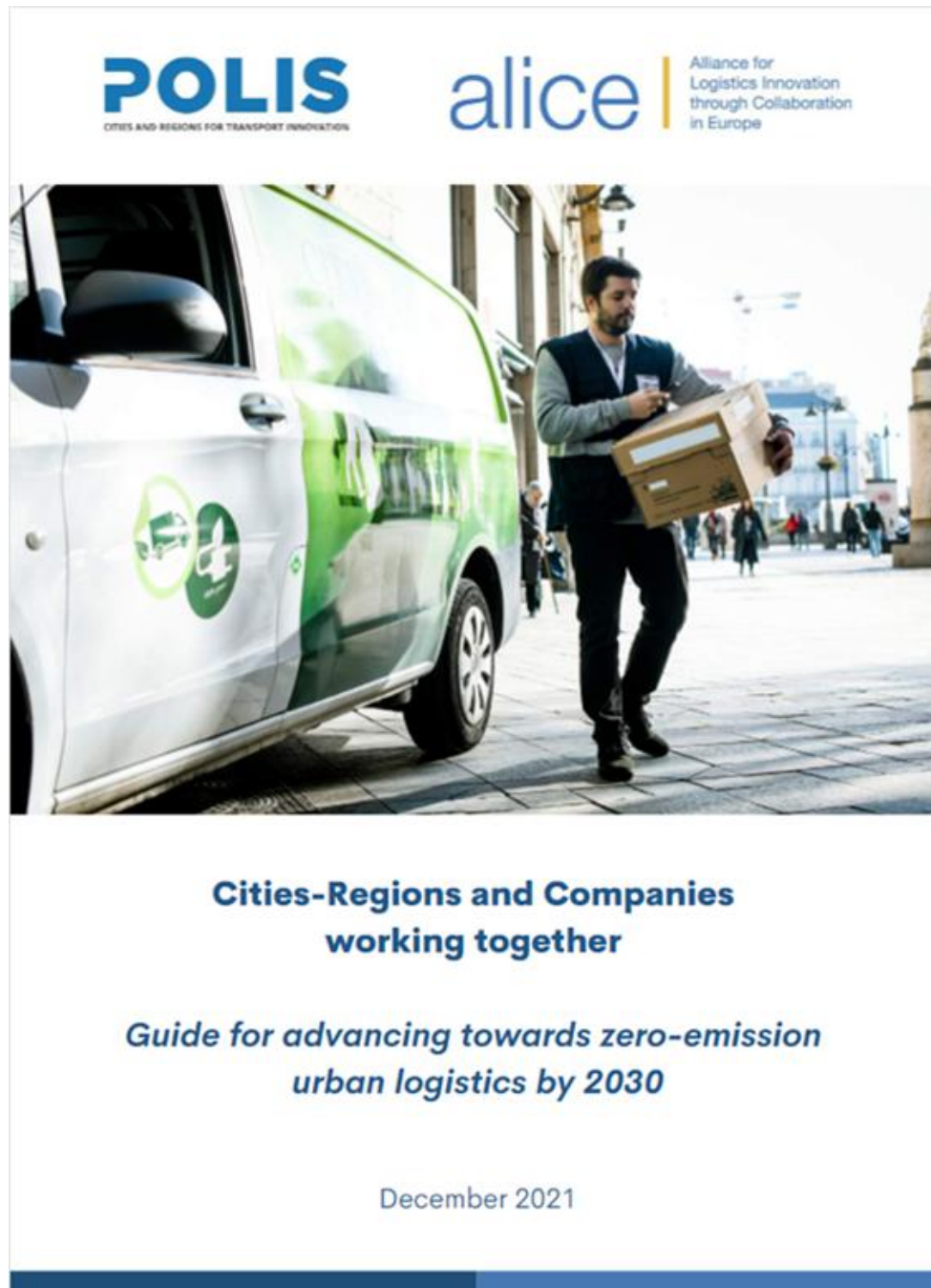


Figure 4. Urban freight and Cities Challenges & Expectation

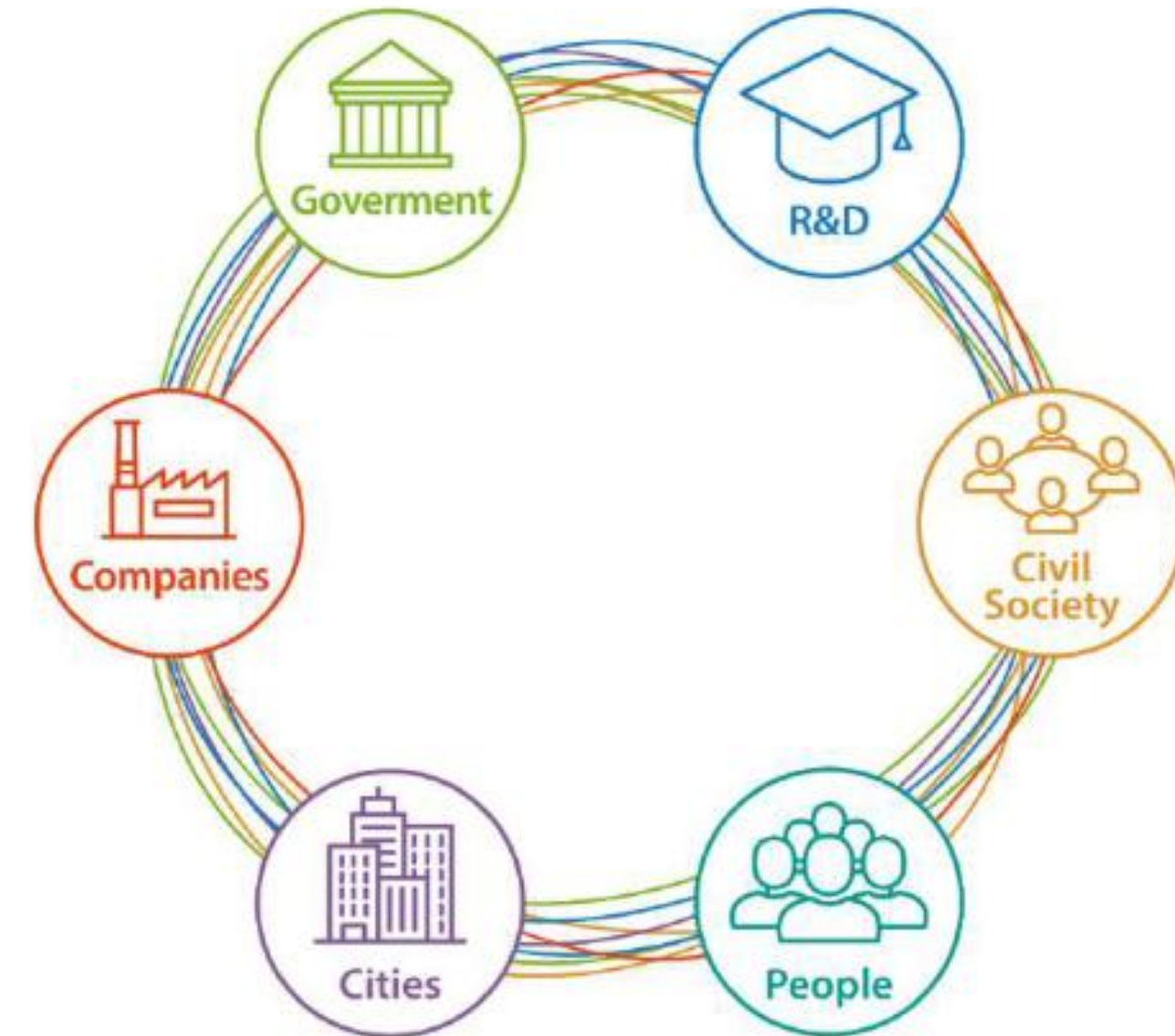


Figure 2. Stakeholders addressed and collaboration

Access Regulations – Low / Zero Emission Zones

logistiek 010

2800 members
knowledge hub & public events
for everyone



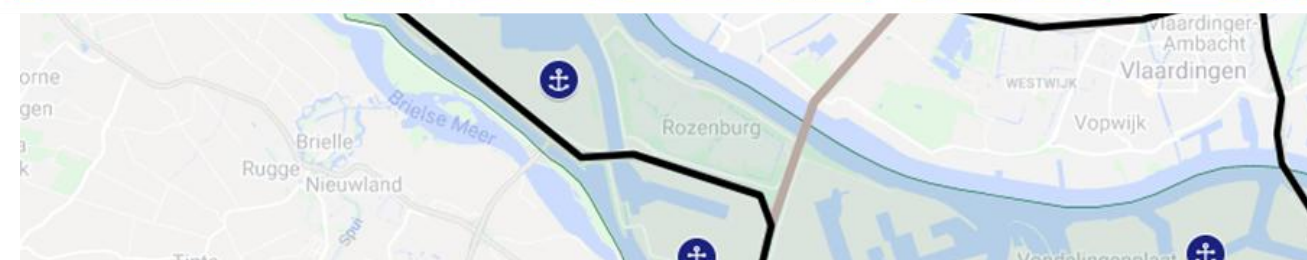
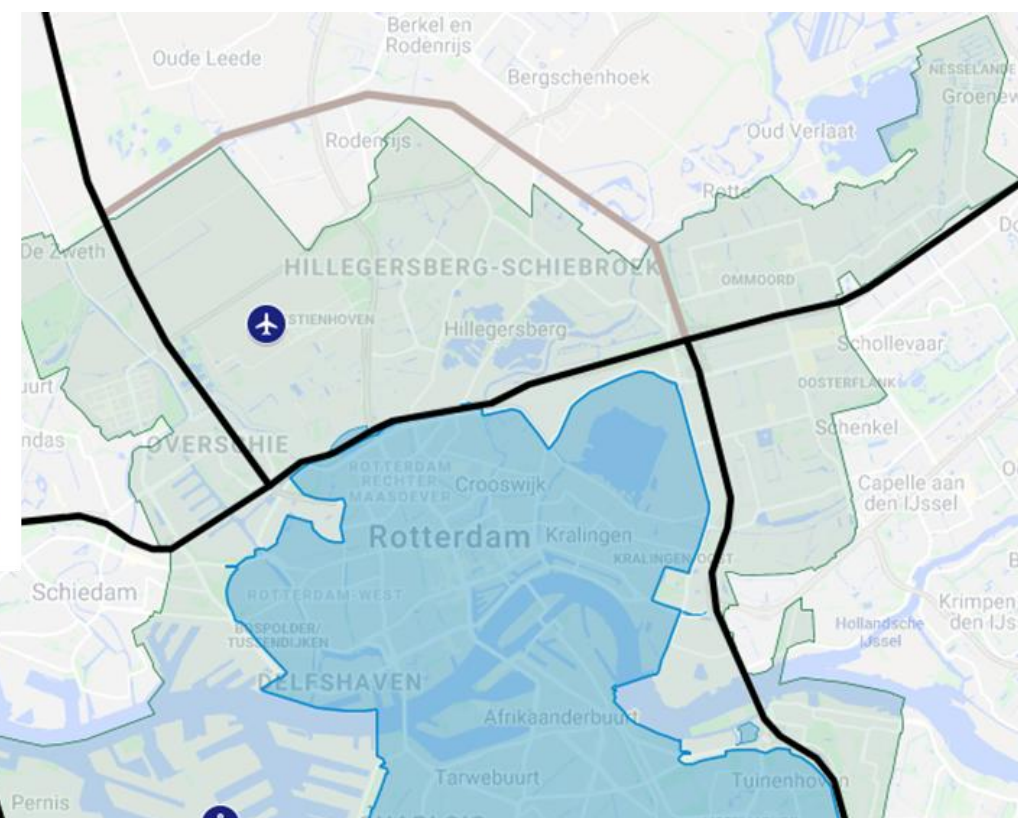
ecostars

1000 businesses
personal & practical advice
mostly SME's




covenant

75 partners
wide representation
frontrunners


Zero-Emission Zones in the City: Don't Wait to Start with Freight!

TRANSPORT DECARBONISATION ALLIANCE



www.tda-mobility.org | Transport Decarbonisation Alliance | tdamobility

POLIS SURF EDF



Sustainable **UR**ban Freight
FINAL REPORT

UNIT 1
WHY ZEZ FOR FREIGHT?
THE CONTEXT

How urban logistics works, how is it impacted by policy, what are the current challenges and trends and logic behind ZEZ-Fs

UNIT 2
TOWARDS A SUCCESSFUL
ZEZ-F: STEPS FOR ACTION

Practical action required once local authorities decide to adopt a ZEZ-F strategy; including setting goals and stakeholder engagement

UNIT 3
KEYS TO SUCCESS

An overview of the key elements for success based on the (limited) experience of electrification in the freight sector so far. This unit also includes tools and tips for how to collect, share and manage freight data

Expert Group on Urban Mobility

POLIS is co-leading with [ACEA](#) and [ETP-ALICE](#) the subgroup on urban logistics of the [Expert Group on Urban Mobility \(EGUM\)](#).

Set up by the European Commission in 2022, with the objective to provide recommendations to implement the [Urban Mobility Framework](#).



Involvement in research EU-funded projects

Active in many ongoing EU-funded projects focusing on urban freight and road freight decarbonisation.

Activities include capacity building, trainings, engage with follower cities, organize policy dialogues and policy recommendations.



Co-funded by the European Union



MoLo Hubs



GREEN-LOG

Cooperative and Interconnected Green delivery solutions towards an era of optimized zero emission last-mile Logistics

Objectives

Bring together city logistics ecosystems and supporting them to introduce innovative last-mile delivery solutions.

Main innovations

Develop **Logistics-as-a-Service platforms** for interconnected city logistics, **automated delivery concepts** using autonomous vehicles and delivery droids, **cargo-bike-based innovations** for sustainable micro-consolidation, and **multimodal parcel deliveries** integrating public transportation.

Coordinated by

netcompany

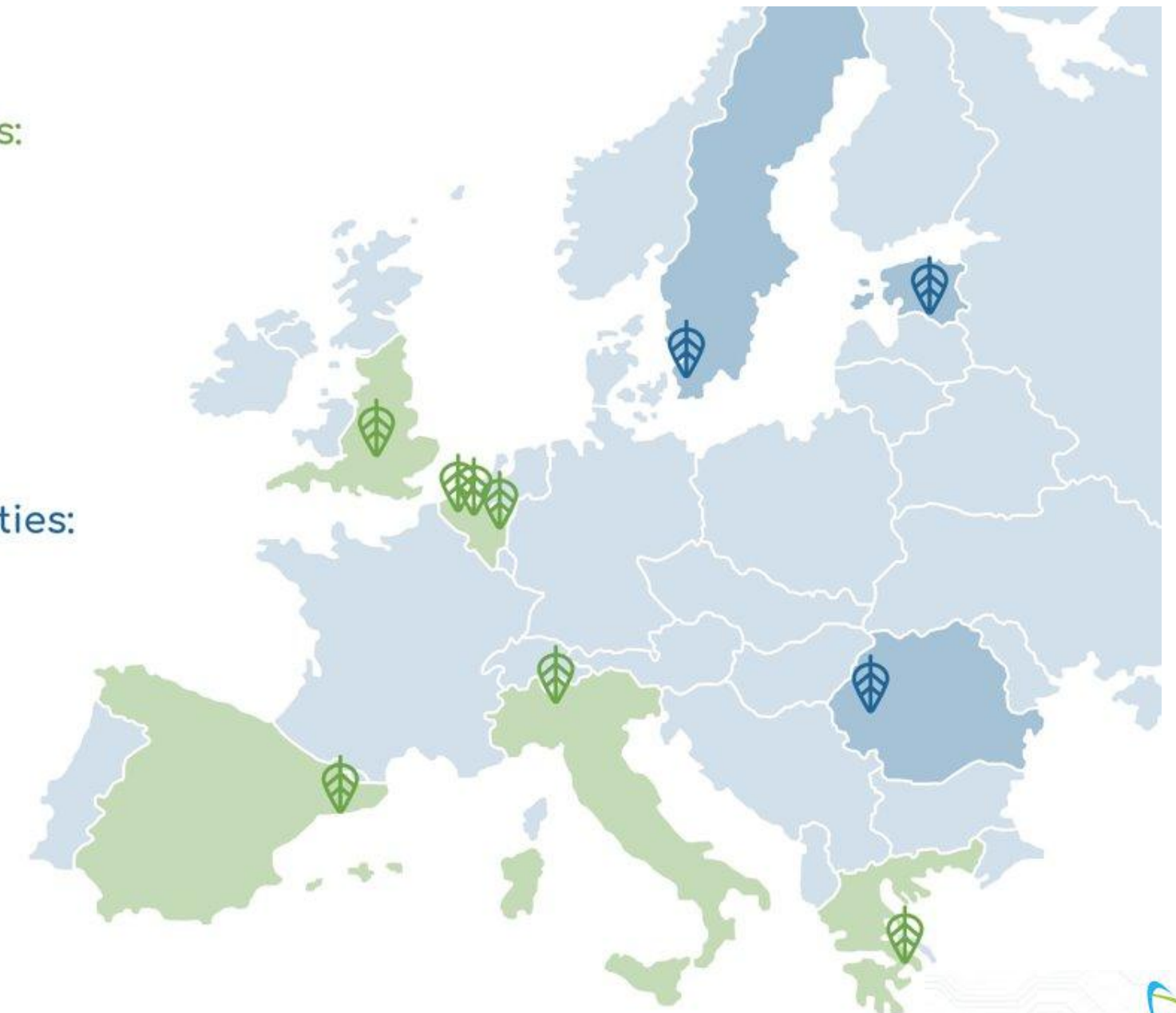
intrasoft

Overview

- HORIZON Innovation Action (IA)
- From January 2023 to June 2026
- 30 Partners from 10 countries

 Living Labs:
• Athens
• Barcelona
• Ghent
• Ispra
• Leuven
• Mechelen
• Oxfordshire

 Follower cities:
• Arad
• Helsingborg
• Valga



OUR TEAM AND CONTACT

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GREEN-LOG

www.greenlog-project.eu

 @GREENLOG_HE
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GREEN-LOG is a project under the CIVITAS Initiative.
Read more - civitas.eu



UK Research and Innovation



Co-funded by the European Union

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Tuesday, April 16, 2024, 9:45 - 11:00, Hall 8A-3



Moderator

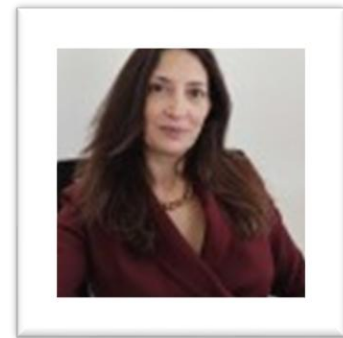


Dr. Octavia Stepan
Head of Sector in the
CINEA, EC

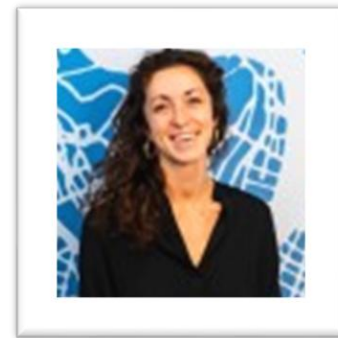
Speakers



Paola Cossu
CEO of FIT



Ioanna
Fergadiotou
Head of Athen
Lab at Inlecom
Innovation



Manon Levrey
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Angela Nuñez
European
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