



The SURF project



Zero-Emission Zones (ZEZ)

- More and more cities committed to implement a major ZEZ by 2030
 - (C40 Green and Healthy Streets Declaration 2020)
- Goals:
 - Reduce air and noise pollution
 - Reduce congestion
 - Create more liveable neighbourhoods
- Solutions (examples):
 - Green vehicles
 - Consolidation hubs
 - Regulations



"How-to Guide" on ZEZ for freight

Why Freight planning is critical

Toward a Successful ZEZ-F Steps for Action

Keys to Success

Case Studies



SURF – Sustainable URban Freight

It builds upon the How-to Guide

- When: between April – December 2021
- Who: collaboration between POLIS and Environmental Defense Fund Europe

“ To develop a vision and pathway for the design and implementation of Zero-Emission Zones for freight (ZEZ-Fs) as part of a local regulatory framework for urban freight “



Project Overview

- Instant Projects
- Capacity Building
- Network and Communications



Instant projects

- 3 Local authorities
- Short time frame (2nd half of 2021)
- Relevant to ZEZ-F success
- Provides a benefit to community of practice
- €10,000 per project + expert support



Instant projects – selected cities

Aarhus, Denmark

- A port city with 280,000 residents
- **Project:** Integrate urban freight transport in site-specific logistics plans in connection with large infrastructure projects near the central train station.



A vibrant street scene in Ravenna, Italy, featuring a red BRT van, pedestrians, and children on bicycles. The scene is captured from a low angle, looking down a narrow, cobblestone street. In the foreground, two young boys in red shirts are riding bicycles. A red BRT van is parked in the middle ground, with the text 'BRT' and 'COMUNE DI RAVENNA' visible on its side. Pedestrians are walking along the street, and the buildings are multi-story with warm-toned facades. The lighting is bright and warm, suggesting a sunny day.

Instant projects – selected cities

Ravenna, Italy

- A port city and regional capital with 160,000 residents
- **Project:** Define a roadmap towards a zero-emission zone for freight and introduce a ‘Freight Quality Partnership’ as a permanent participatory process tool for stakeholder engagement.

Instant projects – selected cities

Karditsa, Greece

- A flat, inland city with 40,000 residents
- **Project:** Pilot deliveries for local businesses using e-cargo bikes with an emphasis on raising awareness and building partnerships.



Instant projects

External experts provide:

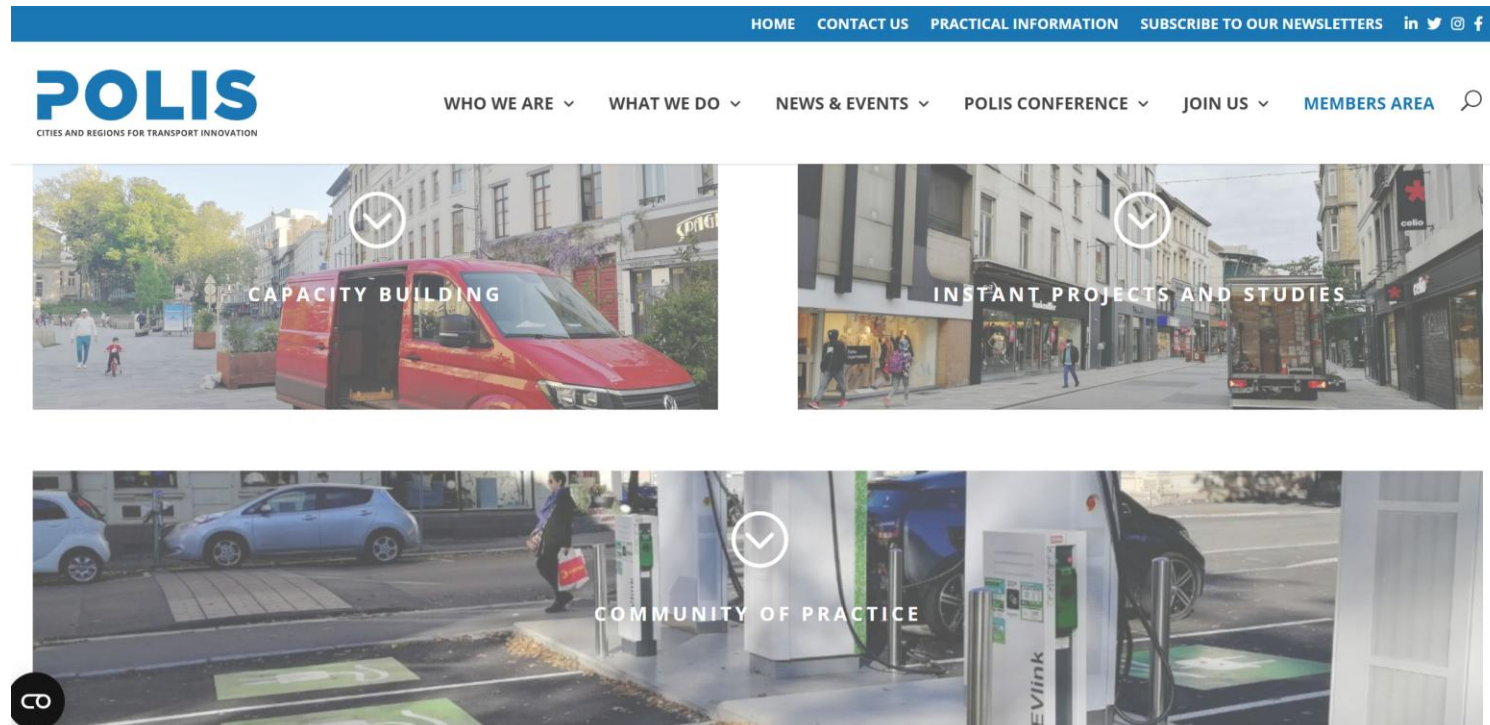
- Tailored technical meetings with stakeholders
- Training
- On-demand technical assistance

Additional support provided by the SURF team



What's in for you?

- Peer-to-peer exchange with cities involved in the project
- E-course participation & materials
- Tailored technical meetings (upon request)



Capacity Building

E-course: [link](#) at POLIS website

- Zero-Emission Zones for Freight in 3 Units:
 1. Context, awareness and importance of ZEZ-Fs
 2. Steps for design and implementation
 3. Keys to success



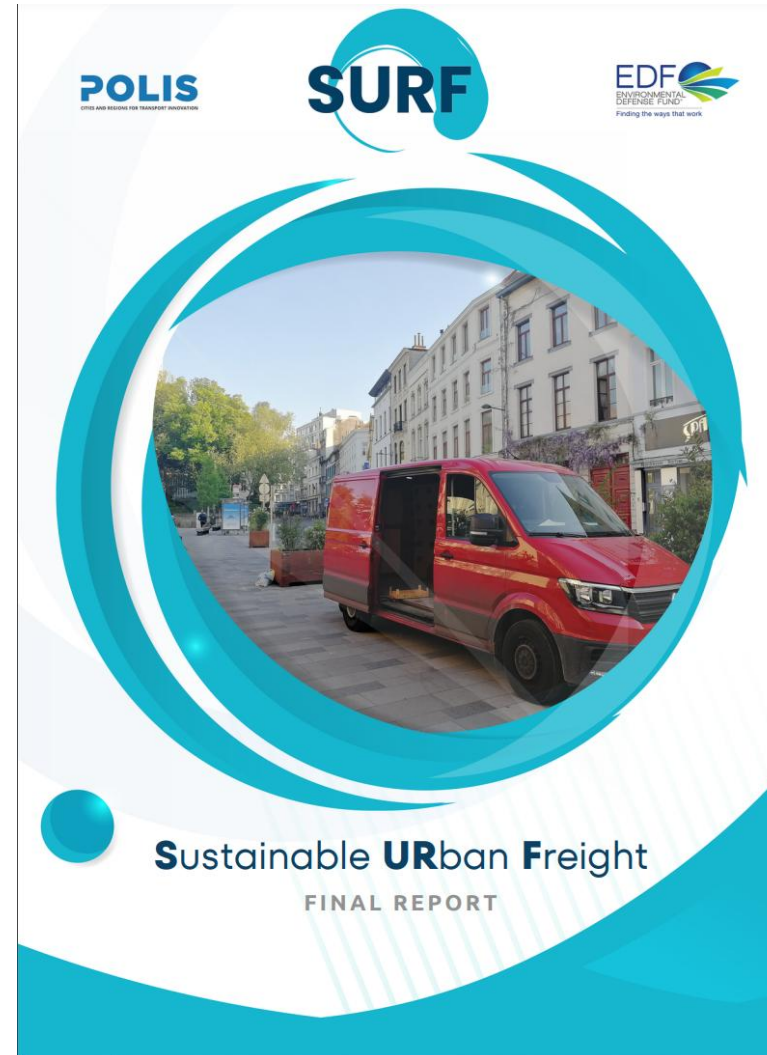
Network & Communications

- Written and visual guides highlighting lessons learned, data, tools, etc.
- Join a community of practice
 - Scaling insights
 - POLIS Working Groups
 - POLIS Member Associates
 - Environmental Defense Fund



Check the Final Report

- [Link](#) at POLIS website





<https://www.polisnetwork.eu/2022-annual-polis-conference/>

Logistics-related sessions

1G: Urban freight strategies and tools

3G: Collaborative logistics

5F: Deep dive session: POLIS – ALICE panel discussion