



# CITYLAB

## *City Logistics in Living Laboratories*

Jardar Andersen

Institute of Transport Economics, Norway





CITYLAB –



# City Logistics in Living Laboratories

- Horizon 2020, Mobility for Growth
- Topic MG-5.2-2014 *Reducing impacts and costs of freight and service trips in urban areas*
- Budget 4 Mill Euro
- 1 May 2015 – 30 Apr 2018
- 25 partners, 7 countries





# What we do



*Emission free city logistics in urban centres by 2030*

- improve **basic knowledge and understanding** about the impacts of freight distribution and service trips in urban areas;
- test and implement **7 innovative solutions**
  - **reduce negative impacts** of freight vehicle
  - **enhance business profitability**
- provide a platform for **replicating and rolling out** the solutions



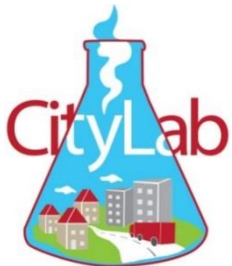


# How we do it: Living labs



- Private-public-research collaboration: “For change in urban freight transport it is necessary to align the stakeholders, their objectives, their abilities to act, and their perception of the problems to be tackled”
- Successful up-scaling of innovation requires supporting environment on city or neighborhood level





# CITYLAB partners



toi  STEEN & STROM  
WE ENRICH MODERN SHOPPING

 ROMA TRE  
UNIVERSITÀ DEGLI STUDI  Meware  ROME & YOU

**Posteitaliane**

  TRANSPORT FOR LONDON

 gnewt cargo  
*love the last mile*  TNT  
THE PEOPLE NETWORK

 Vrije Universiteit Brussel  BRUSSELS MOBILITY  
BRUSSELS REGIONAL PUBLIC SERVICE  P&G

 IFSTAR  DLR

**MAIRIE DE PARIS** 

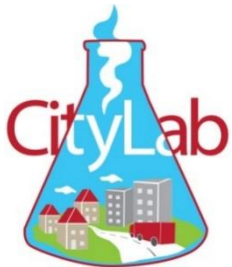
 POLIS  TNO  postnl

**ROTTERDAM**



UNIVERSITY OF **Southampton**  SOUTHAMPTON CITY COUNCIL  MEACHERS GLOBAL LOGISTICS





# The implementations

Axes for intervention	Implementation	City	Partner
Highly fragmented last-mile deliveries in city centres	Growth of consolidation and electric vehicle use	London	TNT and Gnewt Cargo
	Floating depot and city centre micro-hubs	Amsterdam	PostNL
	Increasing load factors by utilising spare van capacity	Brussels	Procter & Gamble
Inefficient deliveries to large freight attractors and public administrations	Joint procurement and consolidation	Southampton	Meachers Global Logistics
	Common logistics functions for shopping centres	Oslo	Steen & Strøm
Urban waste, return trips and recycling	Integration of direct and reverse logistics	Rome	Poste Italiane, Meware
Logistics sprawl	Logistic hotels	Paris	SOGARIS





# Thank you!

Jardar Andersen

Tel: +47 997 00 804

E-mail: [jan@toi.no](mailto:jan@toi.no)

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 635898.

[www.citylab-project.eu](http://www.citylab-project.eu)

