

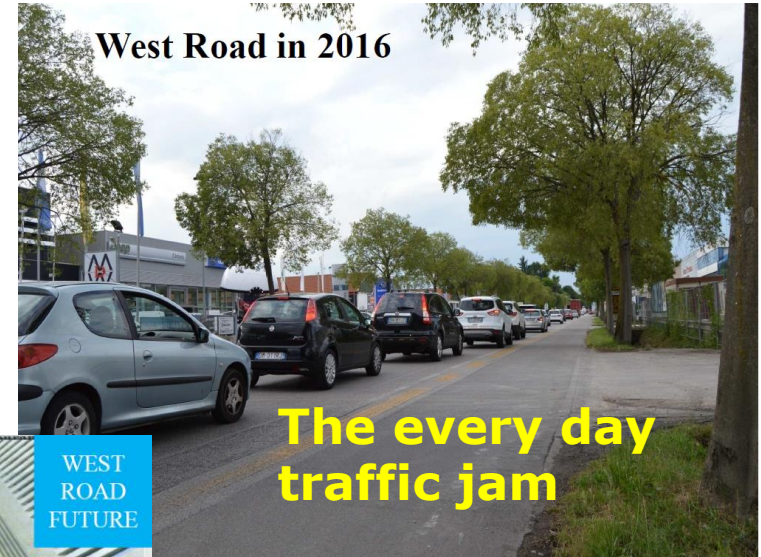
**The REMEDIO project:
testing a participatory governance approach
for high congested roads in
Mediterranean cities**

Seminar on

**“Non-motorised Transport and Transport Energy efficiency
as challenges for road traffic congestion and air quality
improvements in the Mediterranean Cities”**

Salvatore Patti - ARPAV

Challenges tackled by REMEDI



Challenges tackled by REMEDIO

The contest:

- Mediterranean middle sized cities and towns
- lack of urban planning, lack of proper orbital roads or bypasses

The challenges:

- high density areas
- roads suffering from traffic jam
- wounds in the connectivity of the wide spread city
- economic crisis and social exclusion

The impacts we want to lower:

- Poor quality of life and of the environment
- High fossil fuel consumption, noise and air pollution,
- health effects, costs

REMEDIO's approach in addressing the challenges



The Municipalities can directly interact to improve **multi-modal** and **low carbon** mobility, freight logistic and environmental quality

participatory governance that actively engage institutions, stakeholders and citizens

The project's innovation aspects:

- **pilot actions implemented in the “worst-case” of urban mobility, representative of typical features of the Mediterranean area**
- **testing of a participatory governance entity to carry out concrete implementation of sustainable transport schemes**

REMEDIO's cities

REgenerating
mixed-use
MED urban
communities
congested by
traffic
through
Innovative
low carbon
mobility
solutions



LP	ARPA Veneto - Regional Agency for Environment Protection	ARPAV
PP1	Municipality of Treviso	Treviso
PP2	Aristotle University of Thessaloniki	AUTH
PP3	Instituto Superior Técnico	IST
PP4	University of Seville METROPOLITAN DEVELOPMENT AGENCY OF THESSALONIKI	USE
PP5	S.A.	MDAoTHESNIKI SA
PP6	City of Split	SPLIT
PP7	Municipality of Loures	CML

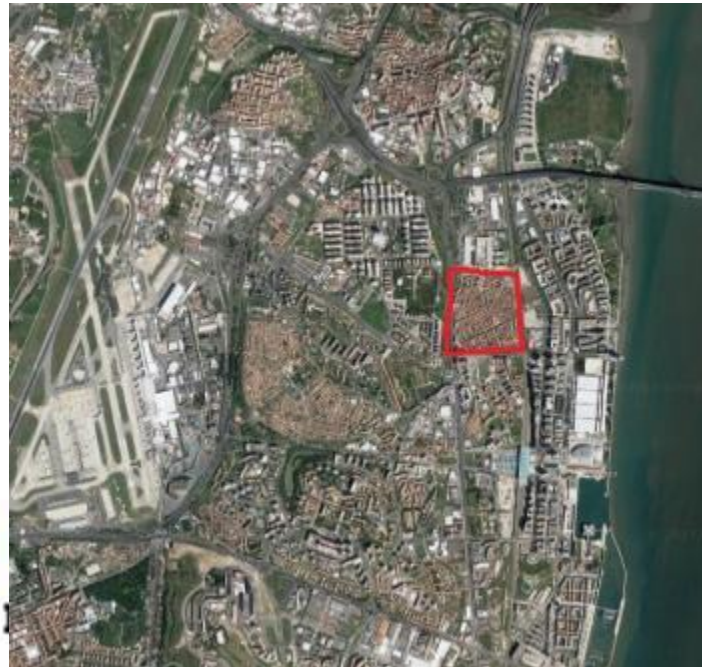
Split



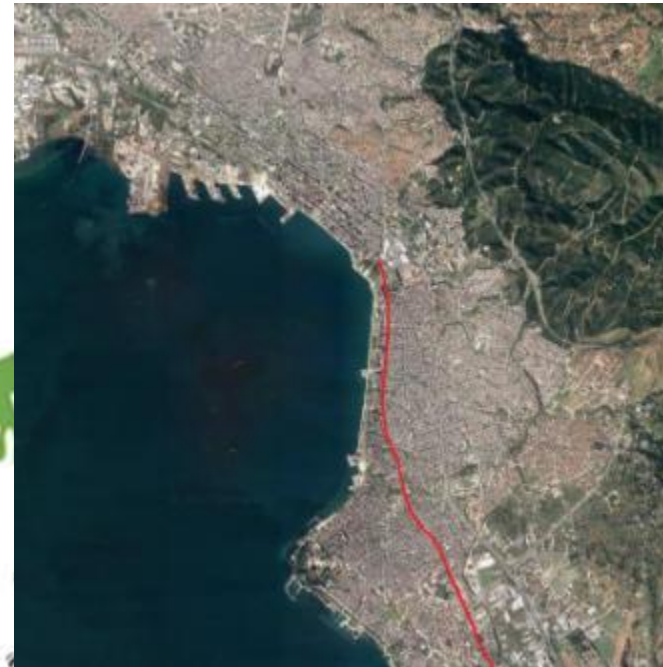
Treviso



Loures



Thessaloniki



Who we are

Territorial partners

- ✓ Municipality of Treviso (IT)
- ✓ Metropolitan Development Agency of Thessaloniki (GR)
- ✓ City of Split (HR)
- ✓ Municipality of Loures (PT)

Associated Partners

- ✓ Municipality of Villorba (IT), Seville (SP), Thessaloniki (GR), Kalamara (GR), Pavlos Melas (GR)
- ✓ Metropolitan City of Venice, County of Split-Dalmatia, Province of Treviso
- ✓ Veneto Region
- ✓ Association of Artisans Marca Trevigiana
- ✓ Thessaloniki Public Transport Authority
- ✓ Loures water and waste services
- ✓ Climate Alliance

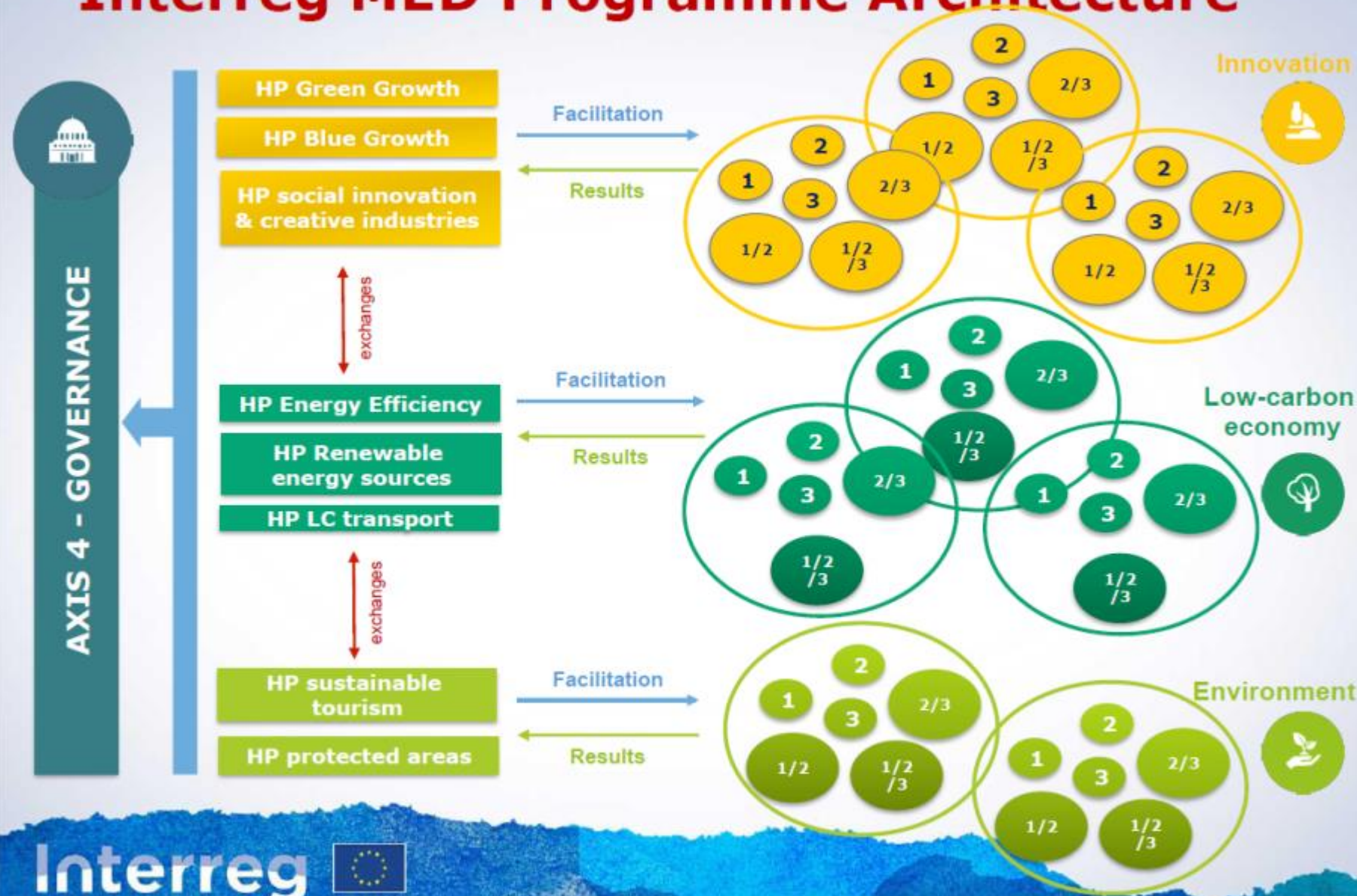
Scientific Institutions

- ✓ Environmental Agency of Veneto Region (IT)
- ✓ Aristotle University of Thessaloniki (GR)
- ✓ Instituto Superior Técnico of Lisbon (PT)
- ✓ University of Seville (SP)

Our strengths

Reaching & **engaging local strategic decision makers** & policy makers in order to commit them towards an effective introduction of **Sustainable Mobility Solutions** in the **territory**.

Interreg MED Programme Architecture



REMEDIO's testing approach in 3 steps

1. Territorial partners implement **soft actions** on low carbon mobility solutions (i.e. **SUMPs**, **bike and e-bike sharing network**; **bicycle parking areas**, **bus rapid transit**, **multi modal public transport optimizations**, **green-taxiway**, **safety road infrastructure for bus stops**).

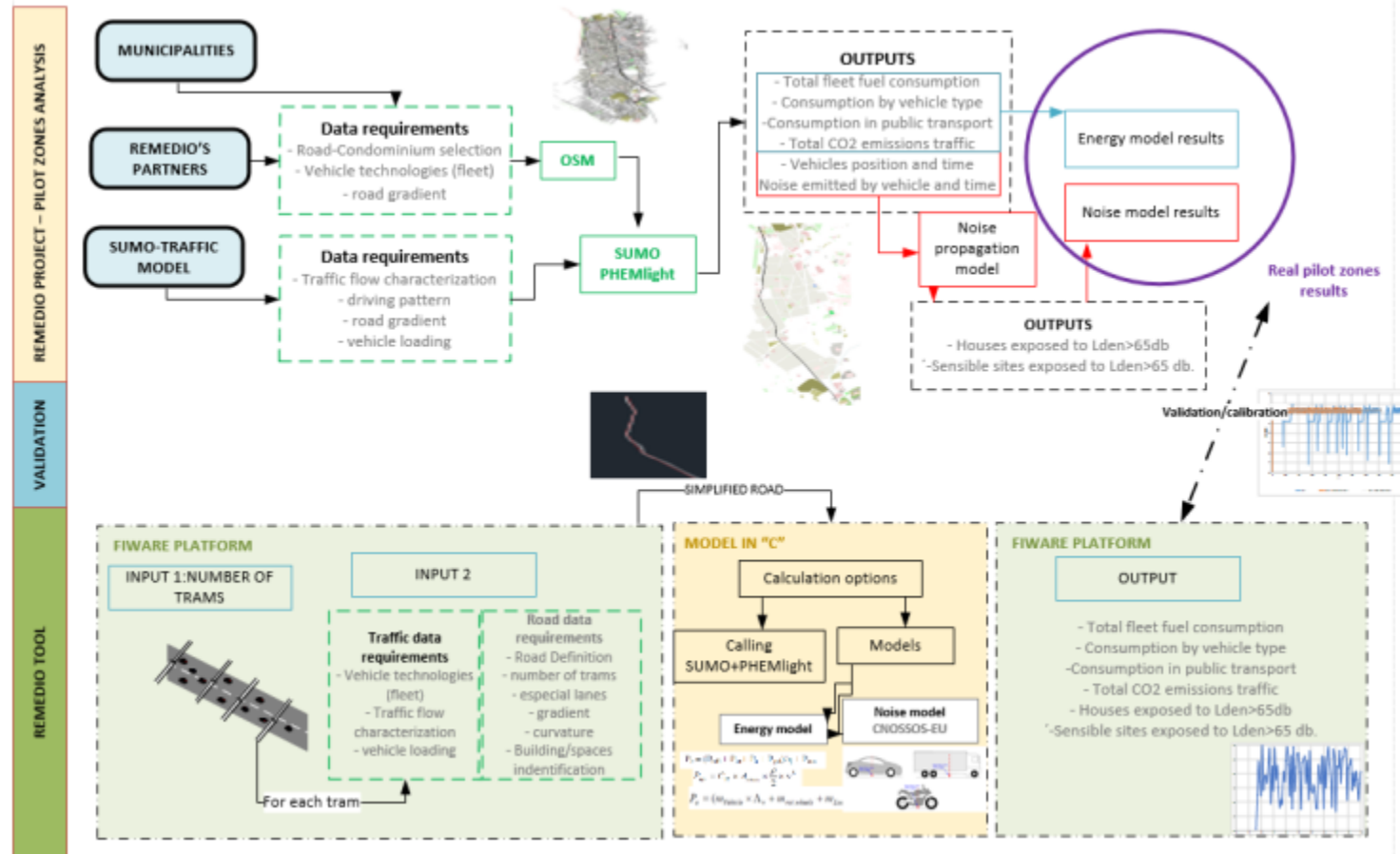
2. Scientific partners jointly implement an **Integrated Modelling Tool** [**energy transport efficiency**, **noise impact**, **air pollution emissions & carbon footprint**, **air pollution dispersion & freight streamlining module**, **cost & health effects**]

which is used to **simulate the pilot activities** in the cities, resulting in a set of **scenarios** on their **present** and **future** mobility and environmental settings.

3. The city communities are engaged in testing an operational path towards a **participatory governance** such as **"horizontal condominiums"** or **"road contracts"** that will lead to higher environmental and mobility performances.

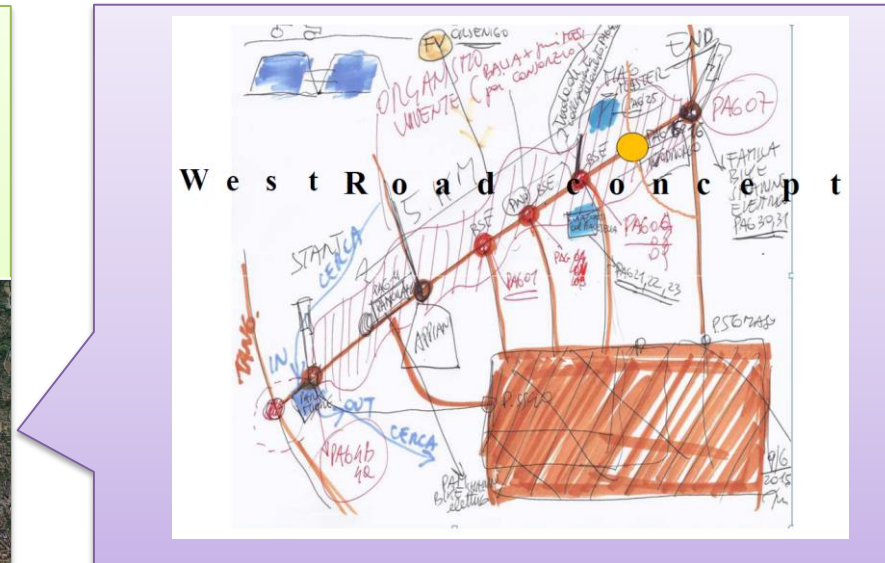
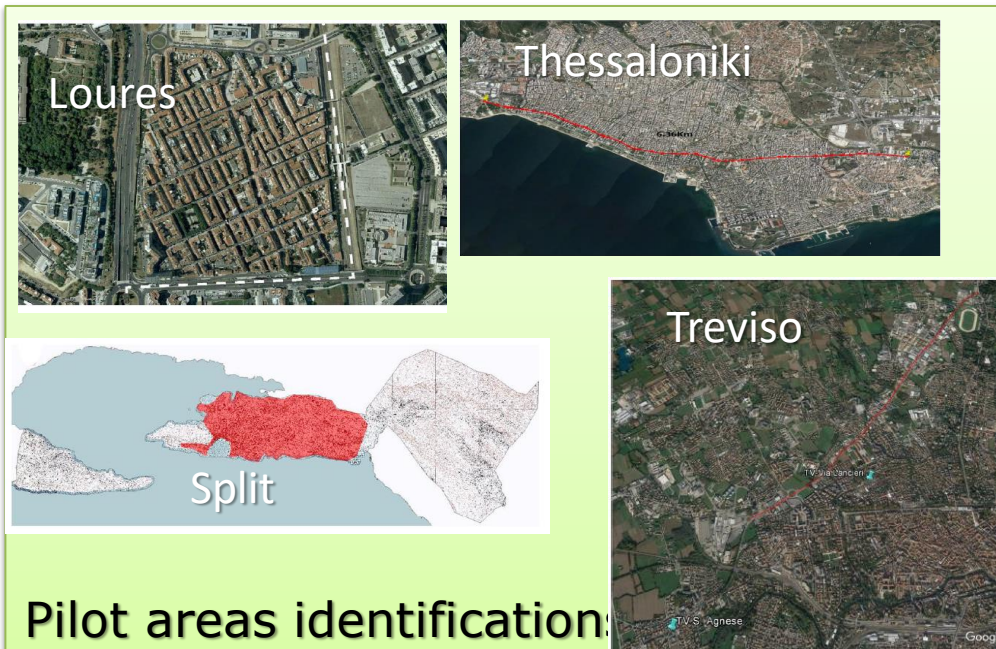
Simulation of low carbon mobility solutions in the pilot areas

Conceptual
modelling
process



Start-up of a participatory governance entity: *the "condominium" concept*

Developing the concept

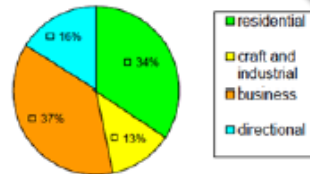


Start-up of a participatory governance entity: *breaking down the road into districts* (the floors of the condominium)

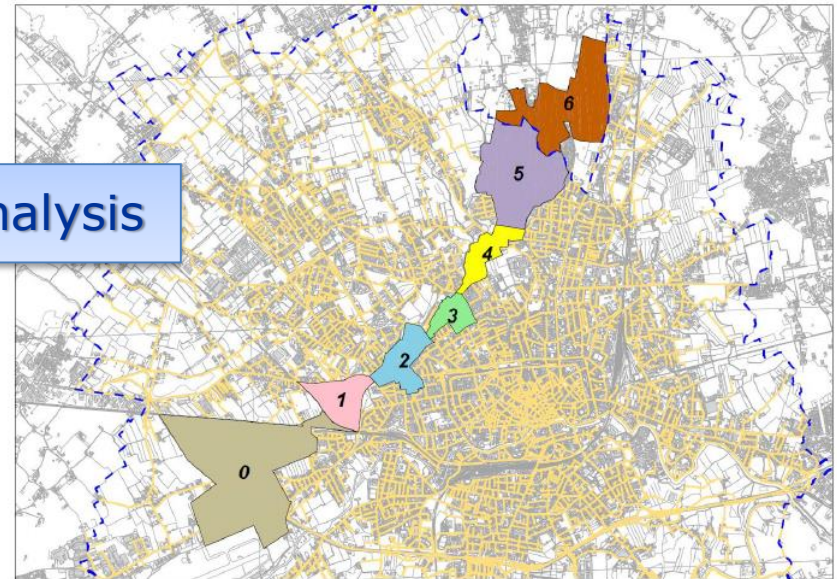
west road
Horizontal condominium

residential	303
craft	106
industrial	4
business	245
fuel distributors	5
car washes	3
newsagent	2
bars, restaurants	48
entertainment	12
hairdressers and beauticians	10
accommodation	3
offices	103
public services	22
clinics, doctors' offices	6
banks	10
auditoriums, cinemas, theaters	1
Total building numbers	883

residential	303
craft and industrial	110
business	328
directional	142
Total building numbers	883



Analysis



REMEDIO's double transferring activities

1. Participatory governance for urban mobility solutions

Targeted assemblies **at local level** among policy makers, technical experts and partners

Local agreements/protocols/MoUs for low carbon mobility solutions to alleviate in a cost effective way the traffic congested roads

2. Transferring knowledge to build up the transferability plan of REMEDIO

Tailored encounters seminars and workshops **at international level**
Capacity building for developing REMEDIO tools and activities

Thanks for your attention

**This presentation is the outcome of a cooperation among
all REMEDIO partners**