Supporting SUMP\textsc{s} uptake in Emilia-Romagna Region

the experience of the \textsc{REFORM} project

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About Region Emilia-Romagna

- **4.4 millions** inhabitants
- Surface **22,50 km²**
- 9 Provinces
- 333 Municipalities
- **40%** of total population lives in 13 main cities

<table>
<thead>
<tr>
<th>Enterprises</th>
<th>GDP</th>
<th>Universities</th>
</tr>
</thead>
<tbody>
<tr>
<td>383,549</td>
<td>30 493 €/inhabitant</td>
<td>5</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Industrial centres</th>
<th>LPT Passengers/year</th>
<th>Registered vehicles</th>
<th>Daily Trips</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>300 MLN = 260 + 40</td>
<td>2,699,973</td>
<td>8,927,000</td>
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</tbody>
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- **Average travel distance**: 44 km/day
- **Average travel time**: 66 minutes/day
- **Walk or Bicycle**: 21.3%
- **LPT**: 7.3%
- **Motorbike**: 4.2%
- **Private vehicle**: 67.2%
Some more figures...

Employment rate by gender

- **Europe (2016)**: 76.90% (men) / 66.80% (women)
- **Italy (2016)**: 75.20% (men) / 62.10% (women)

Sources: ARPA RER, Eurostat, Sole24Ore
The Regional Ministry for Mobility and Transport

Planning of infrastructural networks
Planning of regional and local mobility systems
Planning of mobility communication systems: road, railway, port, waterway, air, inter-port, bus
Planning of services for the mobility of people and freight
Regional Observatory for Road Safety and Education

→ Not directly involved in SUMP development
Integrated Planning at regional level

Integrated Regional Transport Plan
- key role of collective transport;
- Sustainable and integrated mobility;
- development of technological innovation;
- functionally organized traffic;

Integrated Regional Air Quality Plan (2017)
- Improvement of air quality
- 94 measures to tackle air pollution, including urban mobility and city logistics

Regional Energy Plan (2017)
- Sets reduction targets for renewable energy, GHG emissions and energy efficiency

→ Importance of **Sustainable Urban Mobility Plans**
SUMPs in Region Emilia-Romagna

2016 Agreement with 13 Municipalities on «SUMP guidelines»
End of 2016 Delivery of SUMP guidelines from each Municipality
2017 More Municipalities receive funding from RER
2019 SUMPs approval
Monitoring – Competence Centre

2017-2018 approval
Actions-monitoring
Target 2020
Target 2030

SUMPs
Approval
Measures Monitoring
Measures Monitoring […]
Scenario

Every 2 years
Funding SUMP Measures

ROP ERDF (2014-2020)

- 13 M € renewal of rolling stock
- Intelligent Transport Systems 6 M €
- Development of the cycling infrastructures 8.2 M €
SUMPs by Municipality

Comune di Piacenza
Linee di Indirizzo del Piano Urbano della Mobilità Sostenibile

Piano Urbano della Mobilità Sostenibile metropolitana Bologna

Unione della Immigrazione Femmina
PUMS Piano Urbano Mobilità Sostenibile

Comune di Forlì
TITOLO DELL’OPERA: PIANO URBANO DELLA MOBILITÀ SOSTENIBILE PUMS FORLì
OGGETTO: INQUADRAMENTO CONOSCITIVO E LINEE DI INDIRIZZO, OBIETTIVI E STRATEGIE
TAVOLA
ECMRWF’s new data centre

[Bologna, Emilia-Romagna Region]

[..] the Centre’s next supercomputers should provide a tenfold increase in our computational capacity. The three key components that will make up this increase are technology developments, scalability efficiency gains and additional processors. This latter point would require a significant expansion of our current data centre infrastructure [..]. It is this constraint that triggered the process to identify a new site.

ECMWF’s Director-General Florence Rabier
How can Regions support SUMPs

- Creation of a network of professionals on sustainable mobility to exchange practices
- Support on collection & analysis of mobility data
- SUMP Monitoring

- SUMP guidelines
- Strategic Environmental Assessment guidelines
- SUMP training and events for Municipalities and professionals
The REFORM project

Through regional and interregional learning exchanges trigger the SUMP development process and amplify the SUMP adoption rate in the cities of 4 European Regions, by improving 4 Regional Policy Instruments.

- Transferability Manual, learning material
- Improved planning skills
- 4 Action Plans, Policy Recommendations
- Dialogue and targeted meetings with stakeholders

Greater Manchester | Parkstad Limburg | Central Macedonia | Emilia Romagna
Thank you!

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