

Supporting SUMP uptake in Emilia-Romagna Region

the experience of the REFORM project

Eleonora Tu, Anna Giarandoni
Institute for Transport and Logistics

22nd November 2018 | 2018 Annual Polis Conference

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



Enterprises

383,549



GDP

30 493 €/inhabitant

Industrial centres

10

Universities

5



Registered vehicles

2,699,973



LPT Passengers/year

300 MLN = 260 + 40



Daily Trips

8,927,000



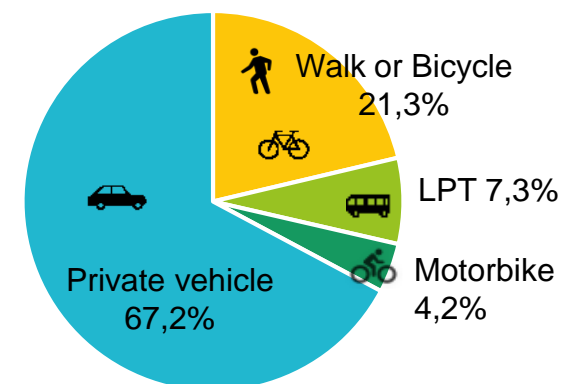
Average travel distance

44 km /day



Average travel time

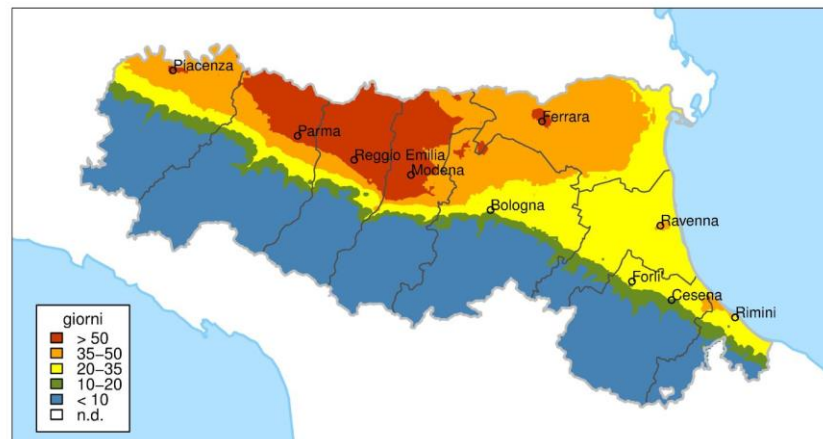
66 minutes/day



Some more figures...

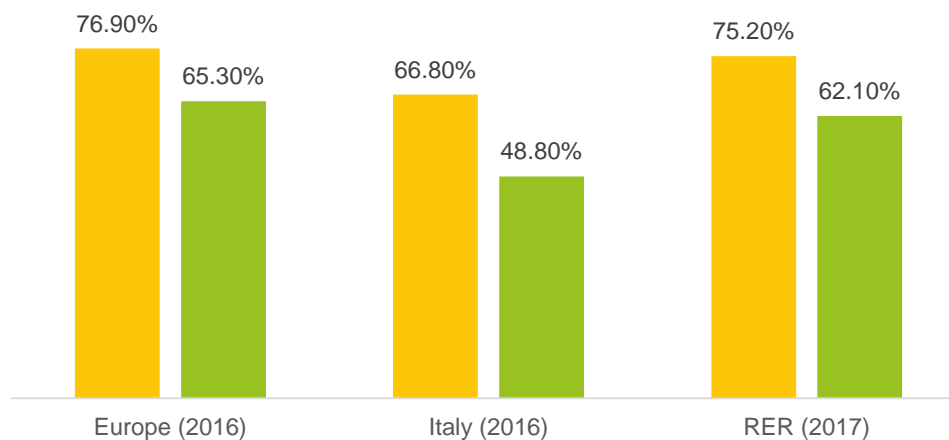
PM10 di fondo

numero di giorni in cui la media giornaliera supera i $50 \mu\text{g}/\text{m}^3$
anno: 2017



Employment rate by gender

man women



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**

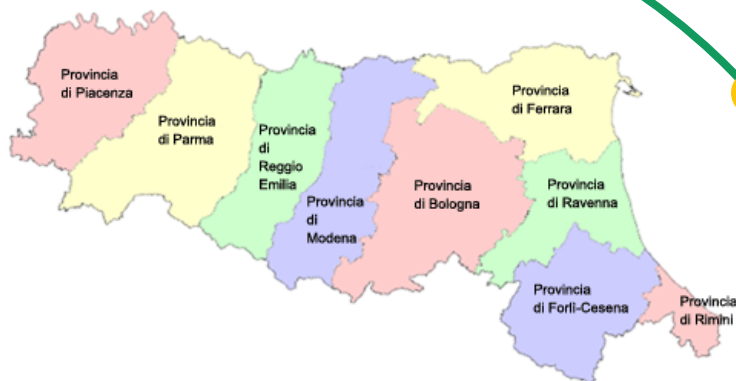
SUMPs in Region Emilia-Romagna

2016 Agreement with 13 Municipalities on «SUMP guidelines»

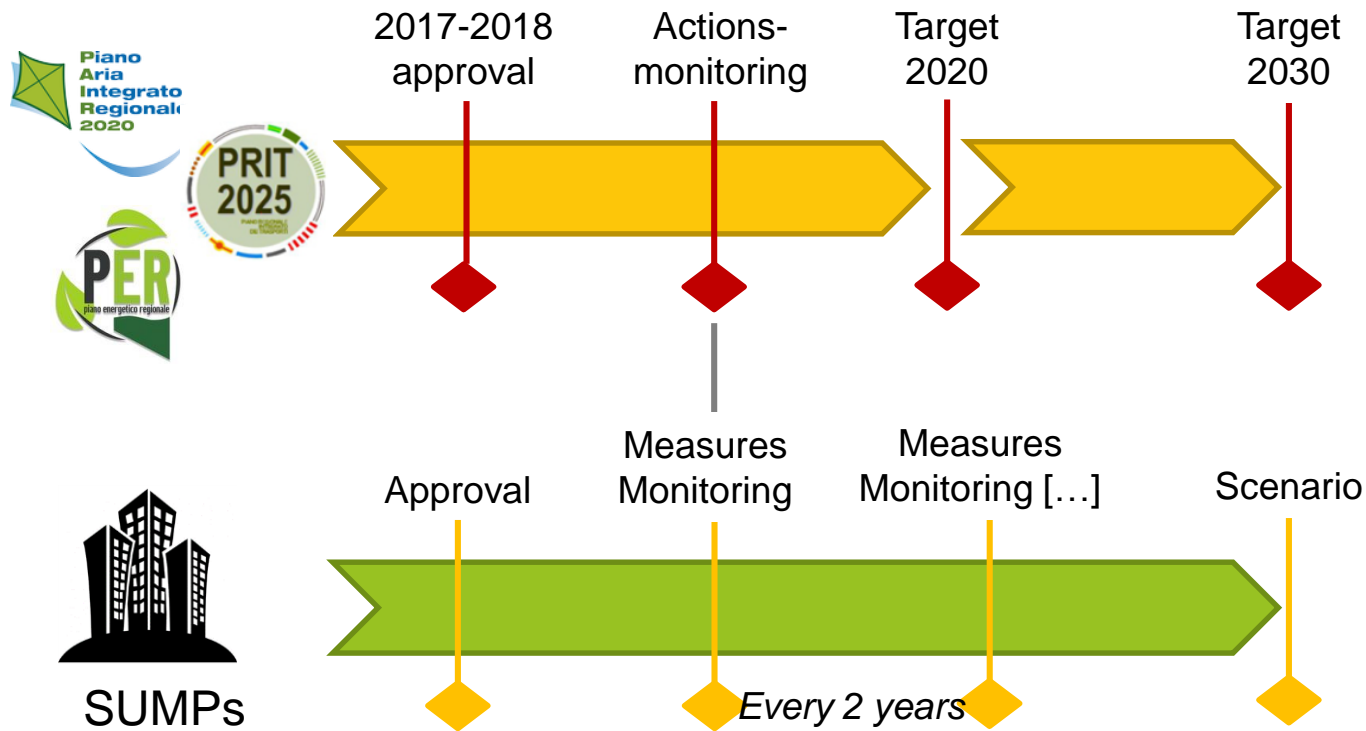
End of 2016 Delivery of SUMP guidelines
from each Municipality

2017 More Municipalities receive funding
from RER

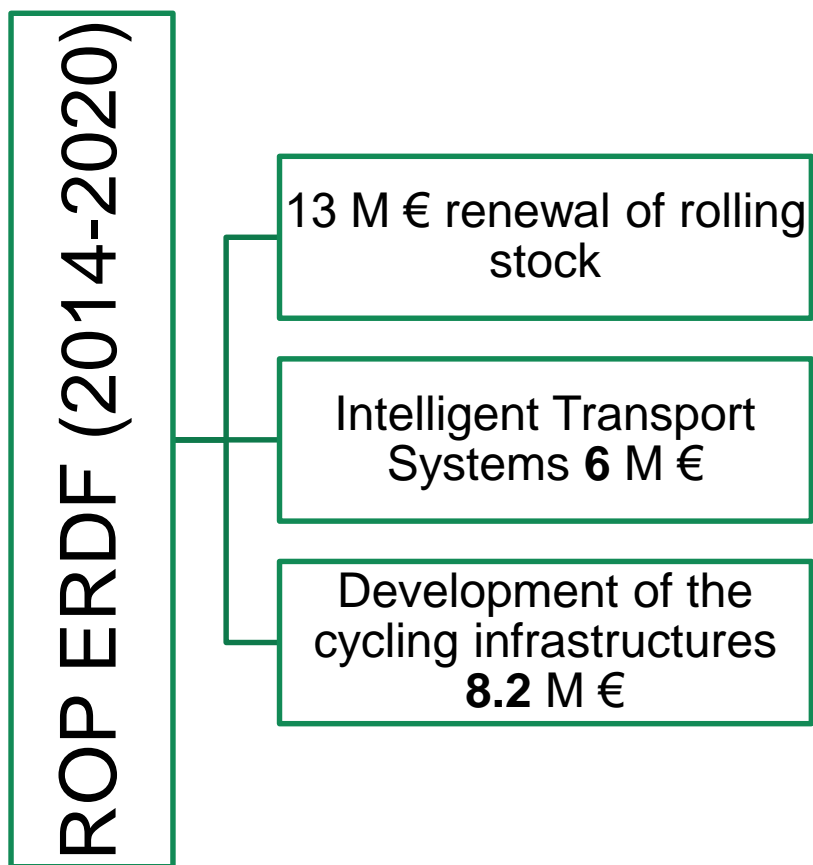
2019 SUMPs approval



Monitoring – Competence Centre



Funding SUMP's Measures



Programma operativo regionale
Fondo europeo di sviluppo regionale



Regione Emilia-Romagna

SUMPs by Municipality



Comune di Piacenza

Linee di Indirizzo del
Piano Urbano della Mobilità
Sostenibile



Piano Urbano Mobilità Sostenibile
Adozione in Consiglio Comunale



Linee di Indirizzo del
Piano Urbano della Mobilità
Sostenibile - PUMS



Piano Urbano della Mobilità Sostenibile metropolitano Bologna



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 SUMP

- Creation of a network of professionals on sustainable mobility to exchange practices



- SUMP guidelines
- Strategic Environmental Assessment guidelines



- Support on collection & analysis of mobility data
- SUMP Monitoring



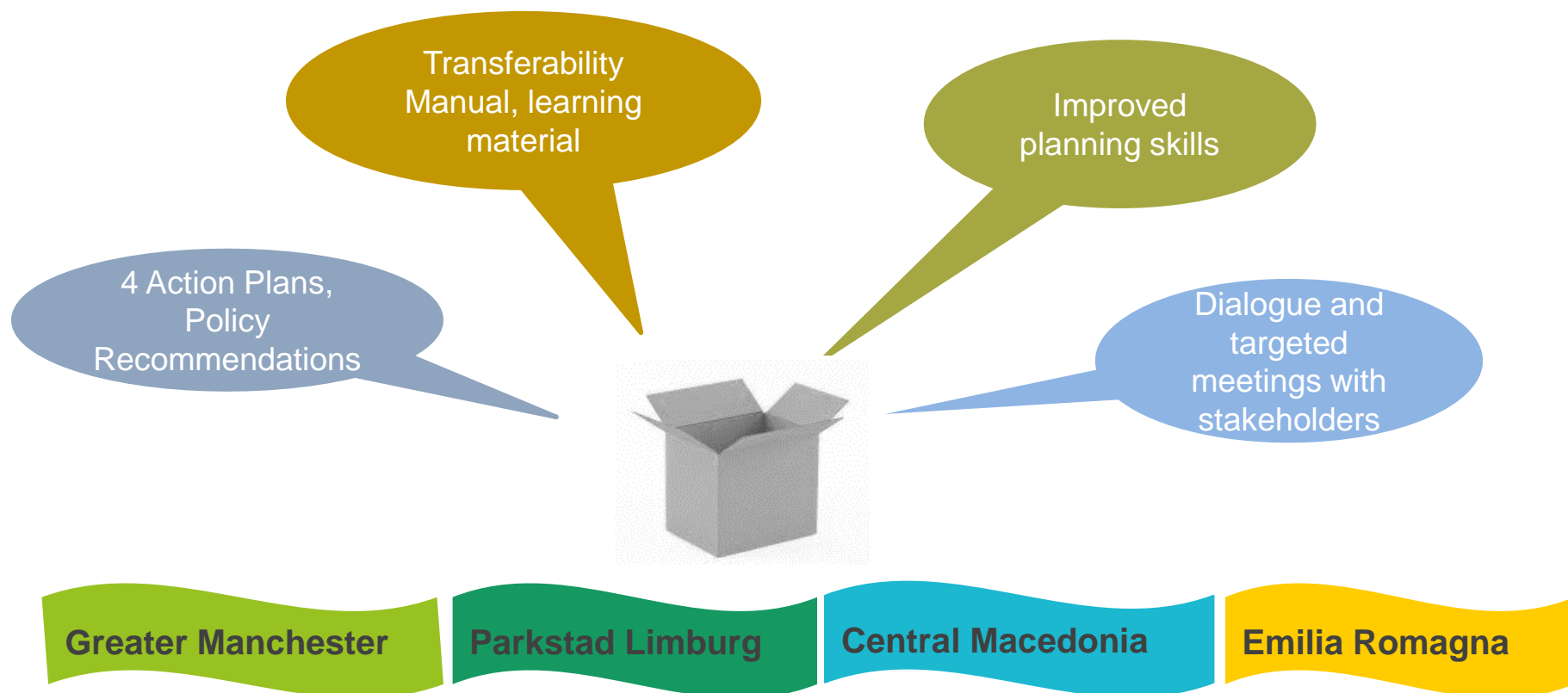
- SUMP training and events for Municipalities and professionals



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





REFORM

Interreg Europe



European Union
European Regional
Development Fund

Thank you!

Anna.giarandoni@regione.emilia-romagna.it
Eleonora.tu@regione.emilia-romagna.it

