



# "SUMP in Emilia Romagna Region and the national level »

**Andrea Normanno – Eleonora Tu** 

SUMP in Europe: best practices and multi-level governance

The European Reality of SUMP

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26<sup>th</sup> October | Polis, Rue du Trône 98





# Emilia-Romagna Region profile



## **Emilia-Romagna Region Profile**

Total population over **4,4 millions** inhabitants Surface **22,5 Km2** 

**9** Provinces

**333** Municipalities

**40%** of total population lives in **13 main** cities







## **Emilia-Romagna Region: snapshot**









POPULATION
4,457,318
2711271111
2711271111
2711

**ENTREPRISES** 

2,699,97

8,927,000

AVERAGE DAILY TRAVEL [km]

44 km

AVERAGE DAILY TRAVEL [MINUTES]

66'

LAND

22,452 km<sup>2</sup>



CAPITAL CITY: BOLOGNA

PROVINCES: 9

MUNICIPALITIES: 333

GDP PER HABITANT

30,493 €

UNIVERSITIES



**INDUSTRIAL CENTRES** 

10

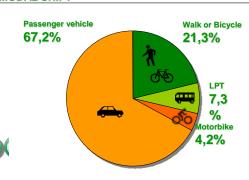
LPT Passengers /year







**MODAL SHIFT** 





#### The Regional Ministry for Mobility and Transport

- Planning infrastructural networks
- Planning regional and local mobility systems
- Promoting interventions and initiatives to improve urban mobility
- Planning 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





#### The Integrated Regional Transport Plan – PRIT 2025

Instrument for long-term mobility planning of the Emilia-Romagna Region. Currently under development.

#### **Defines a Scenario** throughout several objectives:

- 1. Ensuring accessibility to the territories (people and freights);
- 2. Reducing energy consumption;
- 3. Reducing polluting emissions and greenhouse gases.



#### Aims to promote:

- an integrated mobility system with a key role for collective transport,
- the culture of sustainable mobility and the development of technological innovation,
- · a traffic functionally organized

Also defines the importance of Sustainable Urban Mobility Plans.

#### **Transport system in Emilia-Romagna**

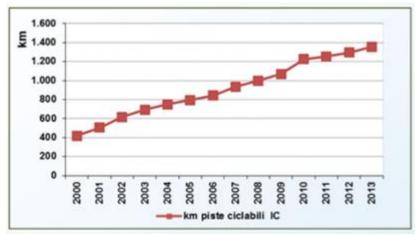


	Buses	Railway		
Public Transport Network Extension	16.950 Km	350 Km regional 1050 Km national		
Distance covered	111.164.744 wagon*km	17.649.630 convoy* km		
Passengers	279.849.876	40.946.907		
Trasport vehicle	3.155 bus – 121 trolley bus	150 convoys		
Stops	30.871	250 stations		
Traffic revenues	€ 142.000.000	€ 107.000.000		
Regional funds for local public trasport services	€ 242.728.000	€ 133.933.000		
Regional funds for train service		€ 19.669.000		
Bologna Airport carries over 7 million passengers / year				

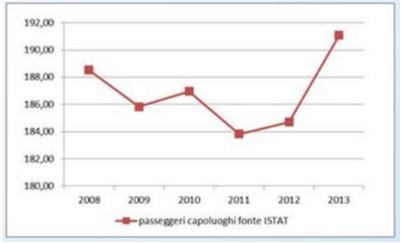


#### **Urban Mobility Main indicators**

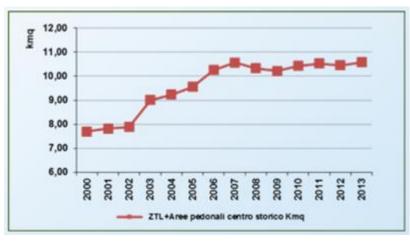
#### In municipalities with over 50.000 inhabitants)



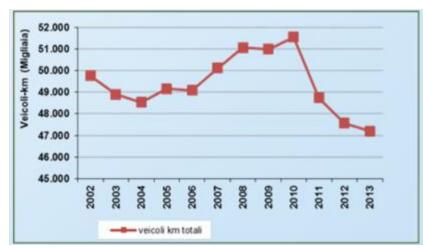
Km of cycle lane



Urban buses passengers



Km of LTZ zones and pedestrian areas



Vehicles/Km of TPL services





axis 4



#### **ROP - ERDF (2014-2020)**

#### **Overall financial funds:**

The Emilia-Romagna Region has a comprehensive and integrated design of **Axis 4** actions, outlined in regional strategies:

Action 4.6.2 Renewal of rolling stock € 13 million

Action 4.6.3 Intelligent Transport Systems (ITS) 6 million euros

Action 4.6.4 Development of the cycling infrastructures 8.2 million euros

#### Overall financial allocation: over 27 million euro















#### **ROP – ERDF (2014-2020)**



Indicators	Target al 2023	Expected growth
Increase of passengers transported by public local transport (TPL)	58,5%	+1%
Days exceeding the health limit for PM10	72	-9 days
Low emission vehicles	70	
Requalified TPL stops	200	
ITS systems installed on board (of TPL vehicle) in the urban area	1.000	
Length extension of cycle lane	27 Km	











# **SUMP** in RER



## **SUMPs** in Region Emilia-Romagna

- RER strongly believes in the development of SUMPs as effective planning tools
- In 2015 RER has allocated incentives for the Metropolitan City of Bologna and municipalities with a population of over 50,000 inhabitants in the elaboration of "SUMPs guidelines"
  - →RER has signed an agreement with the beneficiary in 2016;
  - →SUMP "guidelines" were delivered to RER from the beneficiary in December of 2016;



# Minimum SUMP requirements

# Public Transport

- LPT Fleet renewal, low environemental impact vehicles
- LPT Improvement (more bus lanes, improvement of traffic flows and speed restrictions)
- Development of the LPT stops in modal interchange points rail-roadbike to allow the elimination of architectural barriers and improve accessibility;
- Promote intermodality at railway stations and improve alternative forms of mobility

## Active mobility

- Strengthening of bike mobility, cycling and hiking trails in urban areas
- promotion of safe routes home school / home work;

### Road Safety

- Black spot analysis and changes from traffic safety assessments
- Implementation of changes from the road satefy plans
- · Less polluting vehicles for urban freight logistics

# Traffic regulation

- Access and parking control in urban areas with increase of "30 zones",
- Increase of pedestrian areas and LTZ;
- · Renewal of the private car fleet;
- Private vehicles limitation in urban areas as defined by PAIR 2020;
- · Promotion of less polluting vehicles



## **Status of SUMPs in RER**

Municipality	Population	SUMP Status	Regional Funding (€)
Città Metropolitana di Bologna	455922	Draft	84 335.36
Carpi	70555	Draft	13 051.09
Cesena	97134	Draft	19 961.61
Faenza	58692	Draft	10 856.71
Ferrara	134063	Draft	24 798.65
Forlì	118503	Draft	21 920.40
Modena	185148	Draft	34 248.23
Parma	189996	Adopted	35 145.00
Piacenza	102623	Draft	18 982.96
Ravenna	159645	Draft	29 530.75
Reggio-Emilia	171896	Draft	31 791.91
Rimini	147971	Draft	27 371.52

### ...and their SUMPs





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





















# **ROP investment for Sustainable Mobility**

- RER will fund Municipalities up to 70% with ROP funds.
- ■RER has linked specific SUMP measures to the ROP funds 2014-2020, which amount to over 8 million euros for Action 4.6.4
  - 5 millions will be used for the creation of new bike lanes
  - 3 millions will be allocated for the other measures or to fund SUMP adoption in Municipalities that were not already incentivized by regional funds.
- The measures to be funder must fall into these categories:
  - creation of bike lanes (target: 27 km of new bike lanes);
  - Creation of so-called "zone 30";
  - actions to limit traffic;
  - requalification of bus stops;
  - Improvement of accessibility and road safety in city centres



# **SUMPs** in Italy

- Up until 2017 there was no guideline or decree with specific reference to SUMPs in Italy
- National decree n. 257/2017 (4<sup>th</sup> August 2017)
  - RER was involved in Technical Committee in charge of writing the guidelines
  - Municipalities or Associations of Municipalities with more than 100,000 inhabitants must approve a SUMP within 24 months;
  - SUMPs are made with a 10-year timeframe and must be updated every 5 years;
  - Monitoring will be every 2 years and data must be sent to the National Observatory for Public Transport Policies;
  - SUMPs adopted prior to the Decree must be updated within 24 months
  - National SUMP guidelines (based on ELTIS)
  - SUMP is a prerequisite to obtain funding for sustainable mobility and transport infrastructures (urban railway systems, metro, tram etc.)





# Thank you!

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