

Sustainable mobility measures in Ljubljana urban region



Regional development agency of Ljubljana urban region
Klemen Gostič



RRA LUR

Ljubljana urban region

LJUBLJANA URBAN REGION (LUR)	
TERRITORY	2,555 km ²
MUNICIPALITIES	26
POPULATION	554,887

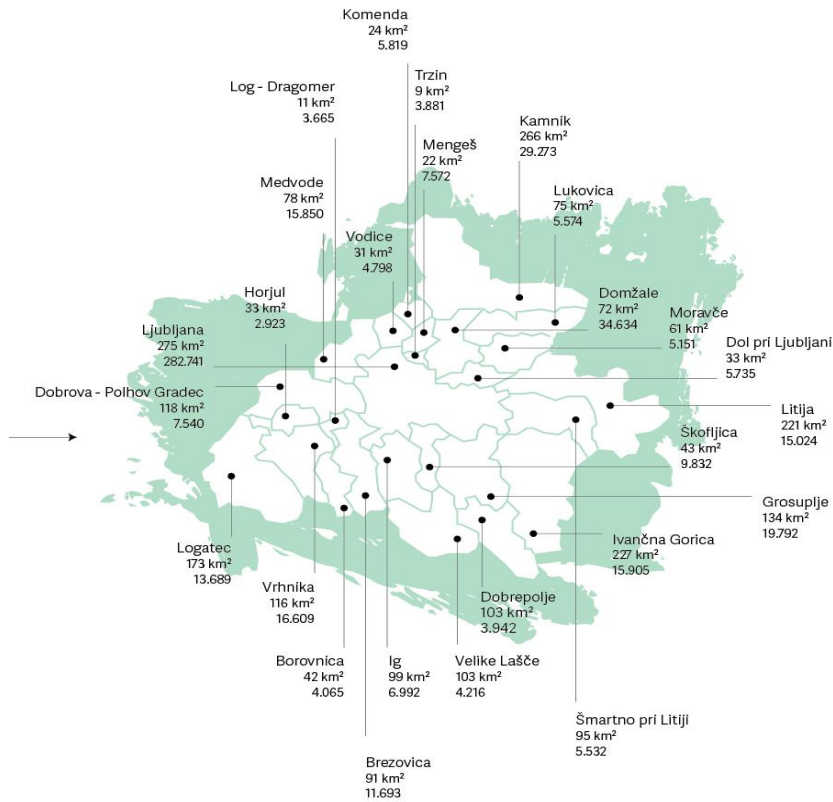
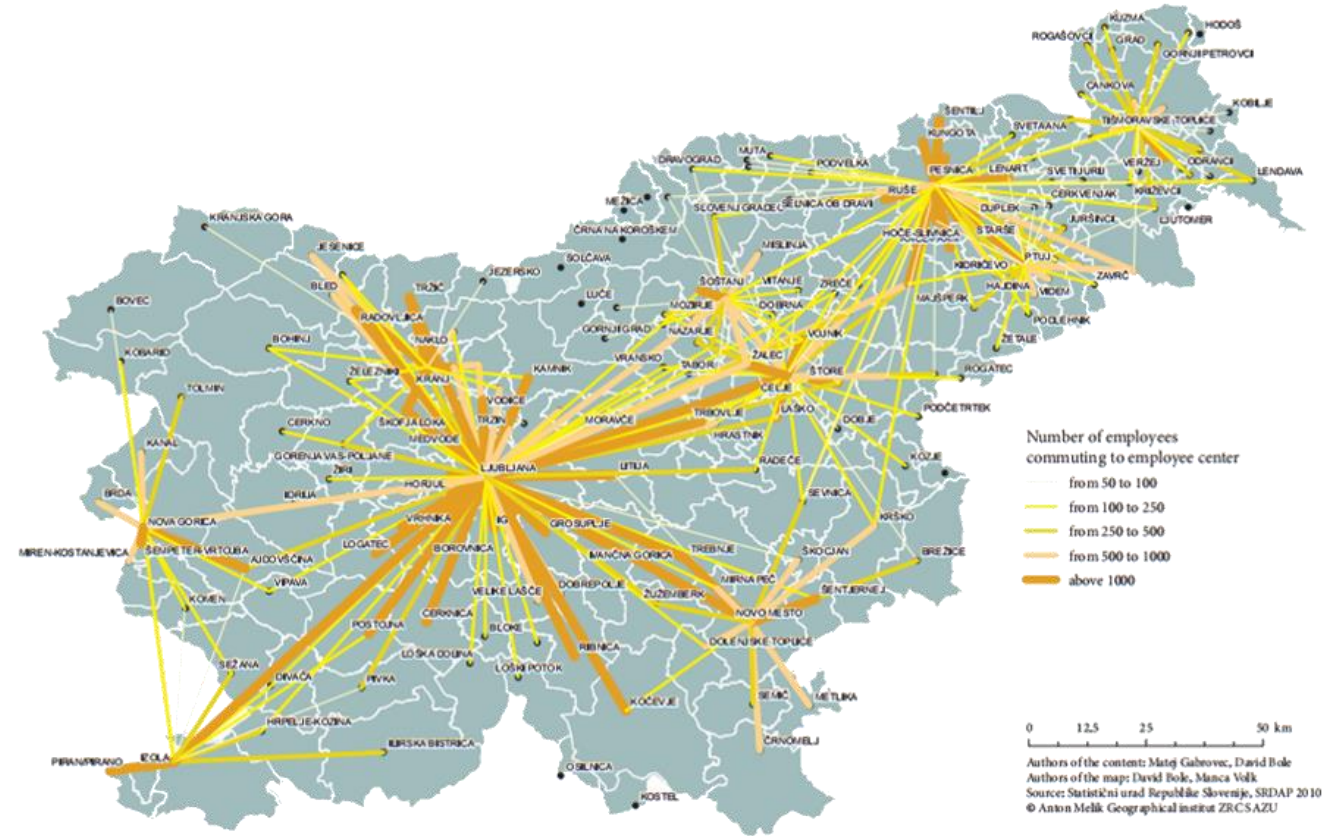
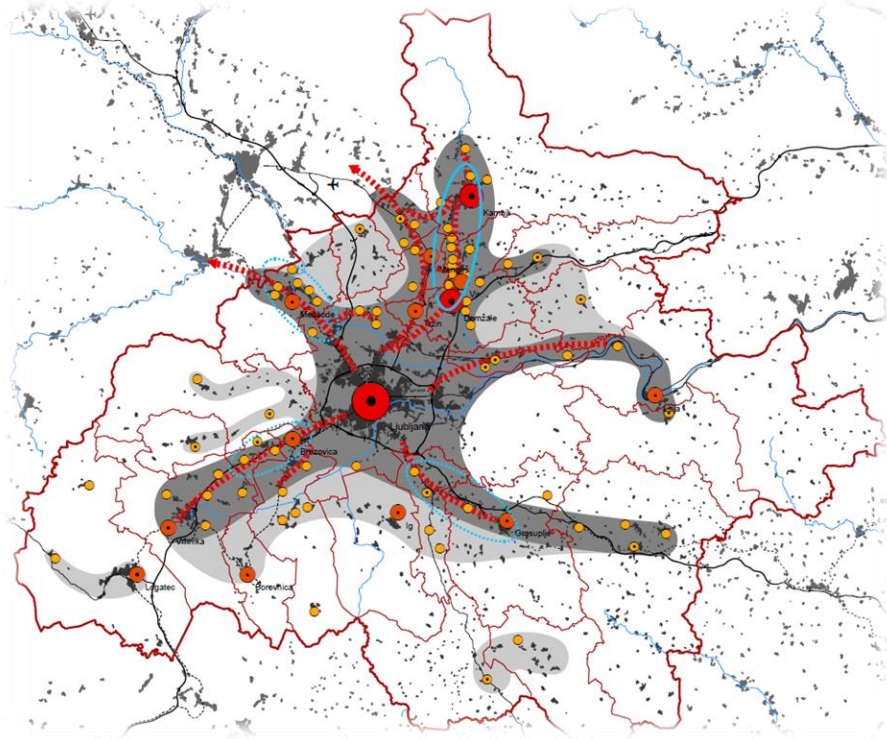


Tabela: Občine Ljubljanske urbane regije z osnovnimi podatki



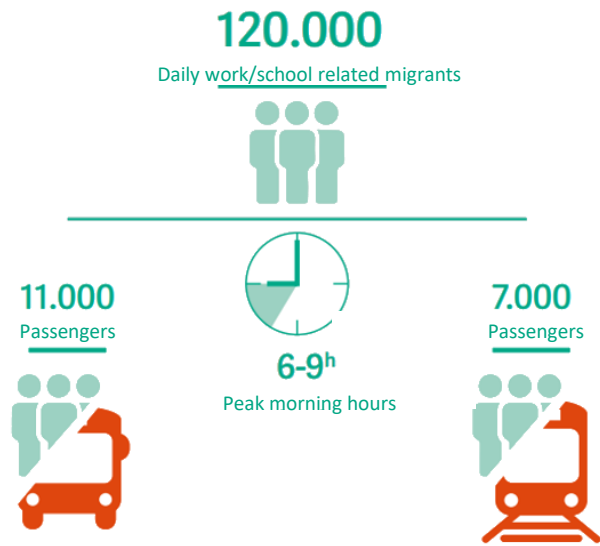
Regional transport challenges



Daily commuters in Slovenia in the year 2012 Source: Daily commuters in Slovenia, David Bole, Matej Gabovec

Regional transport challenges

Availability of PT seats at peak hours to Ljubljana

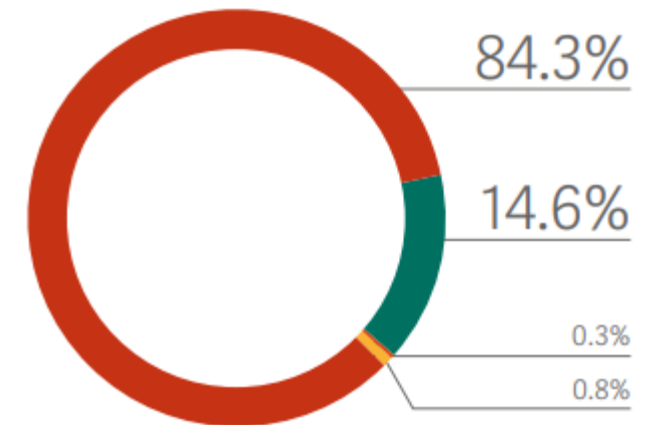


Needs for improvement in PT service

Regional transport challenges

app. **70%** of daily commute to Ljubljana from the Ljubljana urban region are still performed by car

Modal split from other SI regions to LUR



- Car
- Public transport
- Bicycle
- Walking

Source: A Survey of Travel Habits in the MOL and LUR, 2014



Regional policy framework

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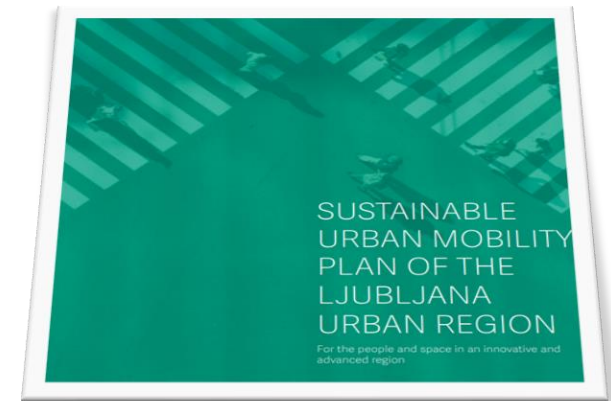
Harmonization of
Regional Development
Programme

Presenting regional mobility
needs & possibilities

Drawing EU funds



Preparation of
regional SUMP

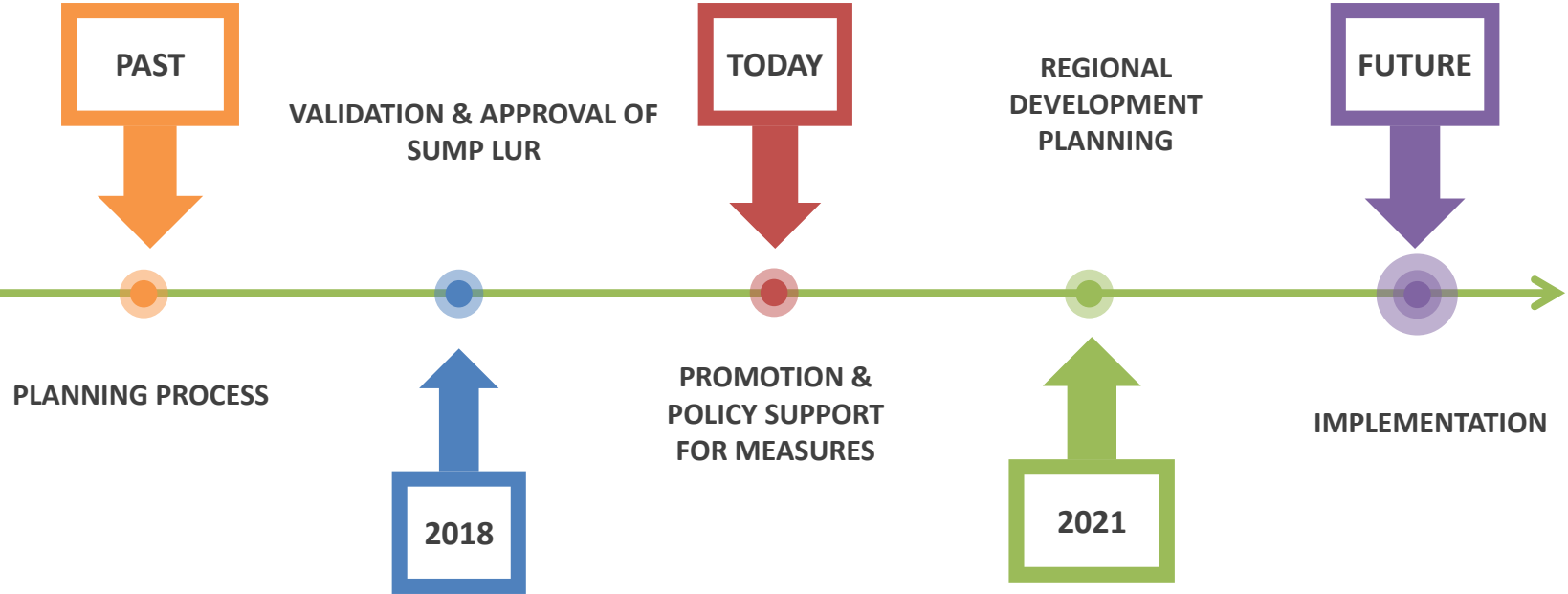


SUMP of Ljubljana urban region, 2018

<https://rralur.si/wp-content/uploads/2020/03/SUMP-LUR.pdf>



Sustainable urban mobility plan of LUR



Sustainable urban mobility plan of LUR

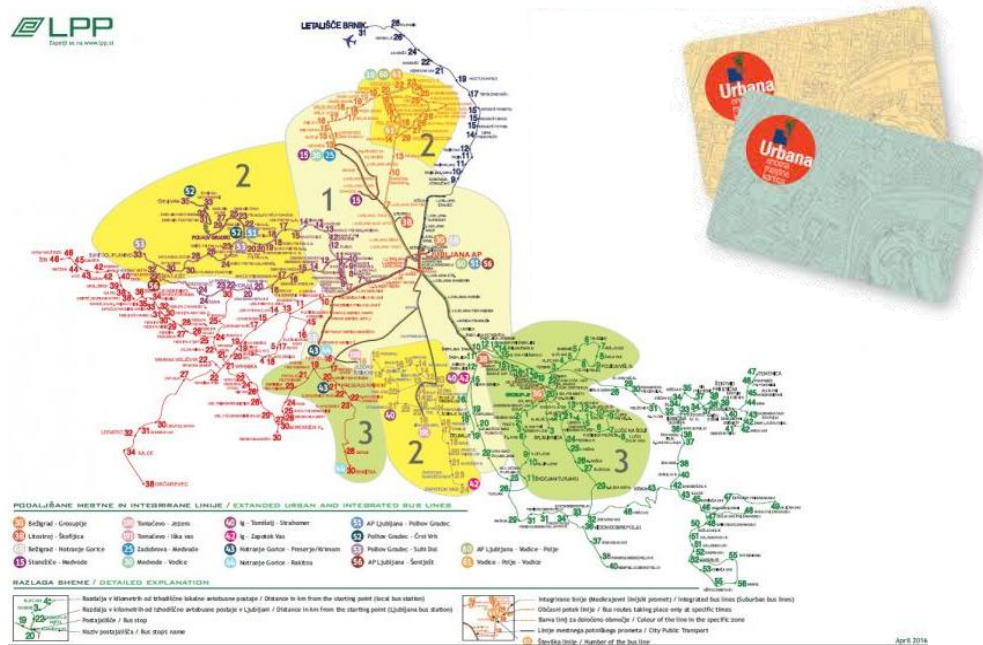


49 groups of measures on the regional level

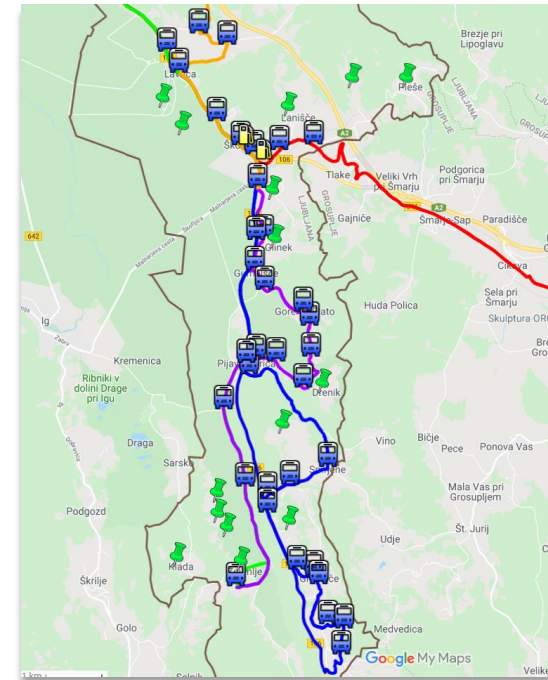


Regional PT connectivity

Urban & peri-urban bus connections & tariff zones



Pilot "Call-a-bus" service on periphery

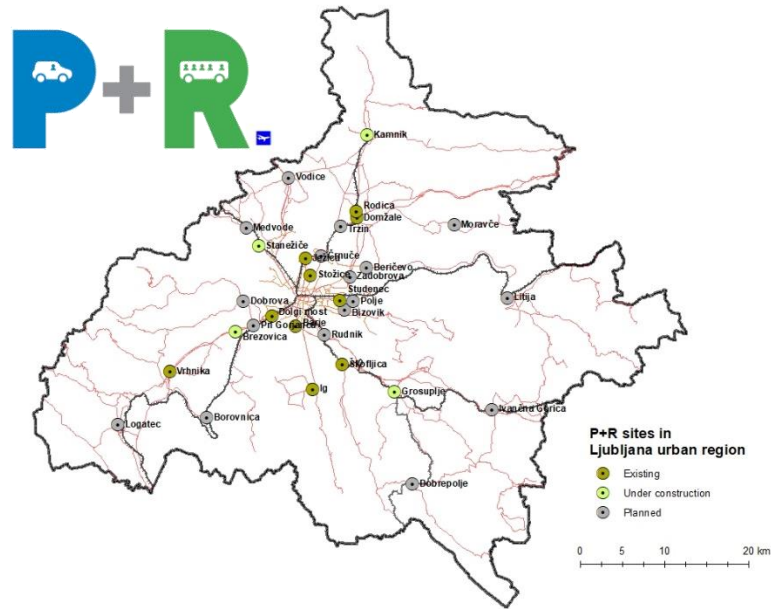


Interreg
CENTRAL EUROPE
Peripheral Access



Multimodality beyond regional borders

Locations of P+R in year 2018, now improved



Multimodal cross-border traveller information network
Planned Open Journey Planner (OJP) for Danube Region



Measures in e-mobility

E-charging stations at public transport

Integration of e-vehicles and P+R system

- P+R Dolgi most: 349 for cars, 6 e-cars
- P+R Barje: 347 for cars, 4 for e-cars






Measures in e-mobility

Public and private charging stations



E-charging stations also located in other municipalities within the region: cca. 15 areas on a regional scale

Cca. 20 stations with private initiatives (e.g. BTC City shopping centre, private retailers, gas stations)




SI06031 - PETROL A1/E61 Lom Zahod (Logatec)


Vtičnica 1 Trenutno stanje: Pripravljeno na uporabo	 Tip: Chademo vtičak na kablu (DC) Nazivna moč: 45 kW (125 A) Nazivna napetost: 500 V Vtičnica omogoča ekspresno polnjenje
Vtičnica 2 Trenutno stanje: Pripravljeno na uporabo	 Tip: Combo vtičak na kablu (DC) Nazivna moč: 45 kW (125 A) Nazivna napetost: 500 V Vtičnica omogoča ekspresno polnjenje
Vtičnica 3 Trenutno stanje: Pripravljeno na uporabo	 Tip: Tip 2 vtičak na kablu (AC) Nazivna moč: 43 kW (63 A) Nazivna napetost: 400 V Vtičnica omogoča ekspresno polnjenje

Ostali podatki polnilne postaje:

Naslov:	Notranjska cesta 75, 1370 Logatec
Način uporabe:	Za pričetek polnjenja je potrebna identifikacija: 
Način plačila:	Ni podatka
Ponudnik storitve polnjenja:	Petrol (SI06)  Roaming omogočen
Upravljelec polnilne infrastrukture:	Petrol (SI06) Telefon:
Dostopnost:	Prosto dostopno
Dostopno za vozila:	Samo avtomobili
Obratovalni čas:	del...: Non-stop, sob...: Non-stop, ned...: Non-stop,

Navodila za uporabo:

 KOMENTARJI:  0  0
[+ DODAJ NOV KOMENTAR](#)

 Dodaj med priključbene postaje



Web-info available for each e-charging station www.polni.si

Measures in e-mobility

Avant2GO e-carsharing system

- Located in 4 cities in SLO (Ljubljana, Kranj, Maribor, Murska Sobota)
- Overall 61 stations, in LUR 25 locations
- 150 cars and 3 mio kilometres done from July 2016
- cca 7.000 km per car/year
- Brnik Airport – most frequent station (10 parking places)
- 5 types of different e-cars



Avant2GO locations in Ljubljana



How does Avant2Go work?
3 easy steps for new mobility

- 1**
Become an Avant2Go member
Pay the one-off registration fee.
Receive electric vehicle training.
Visit one of our shops.
- 2**
Reserve a car
It's easy with the iOS or Android mobile app.
Choose the location you want.
Unlock your chosen car and start driving.
- 3**
Enjoy the ride
Enjoy the ride with 100% electric vehicles.
BMW i3, Volkswagen Golf, Renault ZOE, Nissan Leaf and Smart ED.
No noise and no emissions.

Measures in e-mobility

E-vehicles in public administration & tourism

- Initiative within “**Green capital of Europe 2016**”
20 e-urban available for “Demand responsive transport service” – Urban line 26
- At end of the year 2017 e-vehicles were given to the city administration
- Now **50 e-cars available** and used from Ljubljana city administration



Measures in e-mobility

Kavalir e-service in pedestrian area

- 6 Kavalir electric vehicles (3 open, 3 closed)
- operation in 12 ha large area for pedestrians in the Ljubljana city centre
- free of charge
- approx. **1.600.000 satisfied passengers** since 2008
- Schedule: every day / whole year around - from 8 a.m. to 8 p.m.
- Ideas for expansion of service to main area of clinics in Ljubljana



Regional development agency of Ljubljana urban region



September 2013



CIVITAS Elan, 2008



European Mobility Week 2013



Mestna občina Ljubljana

Refurbishment of Slovenska Street



February 2015



May 2015



June 2015

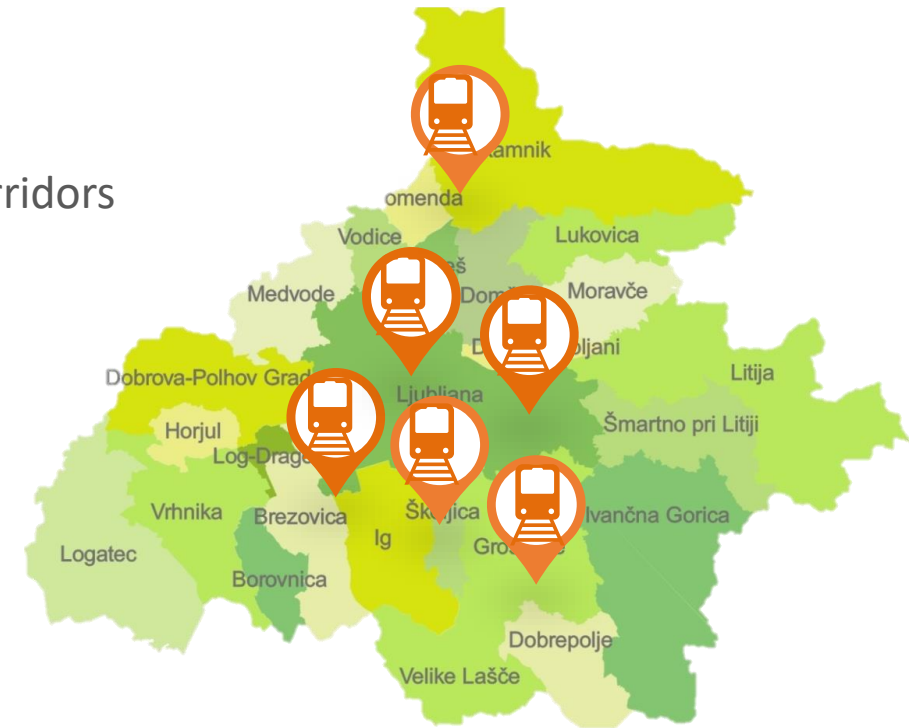


September 2015

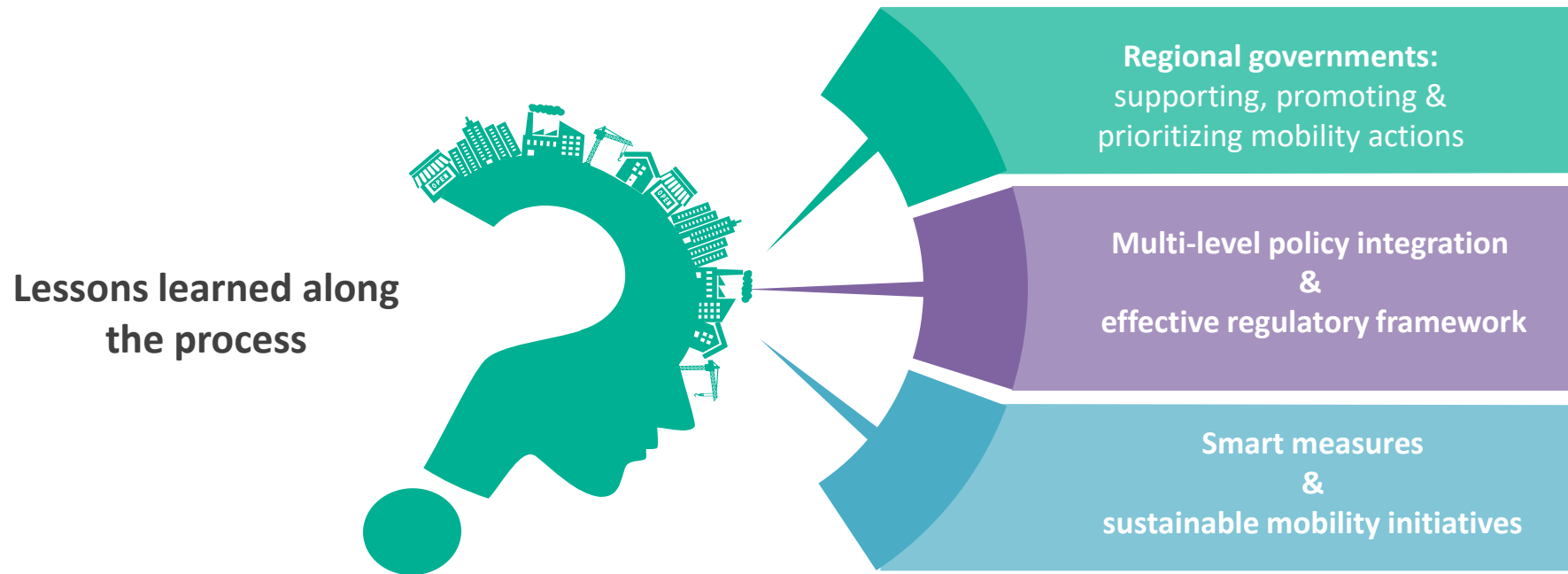
Future mobility: TEN-T to/from urban node

Improvement of rail infrastructure & services:

- **Upgrade of railway lines** being part of TEN-T and regional railway corridors
- Improvement of **accessibility to P+R's**
- Upgrade of the **Ljubljana train station**
- Harmonisation of **bus & train timetables**



Unlocking full mobility potential for regions



Thank you for your attention!

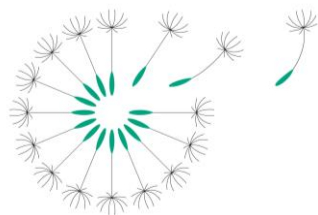
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