# FUA MARIBOR (SLOVENIA)



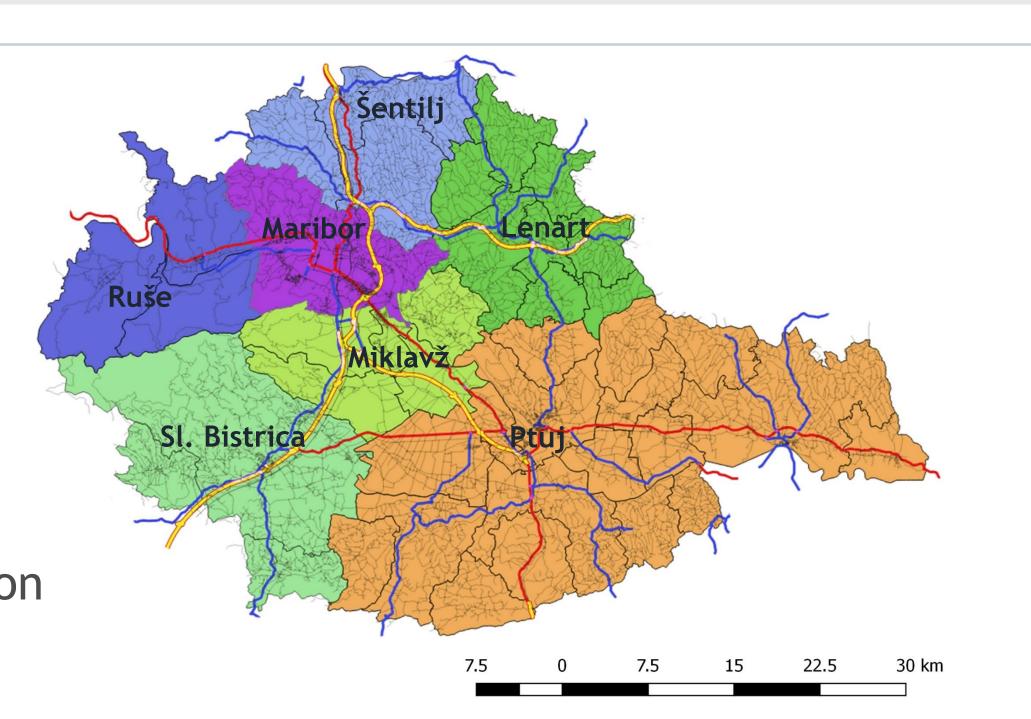


prometno inženirstvo in arhitekturo

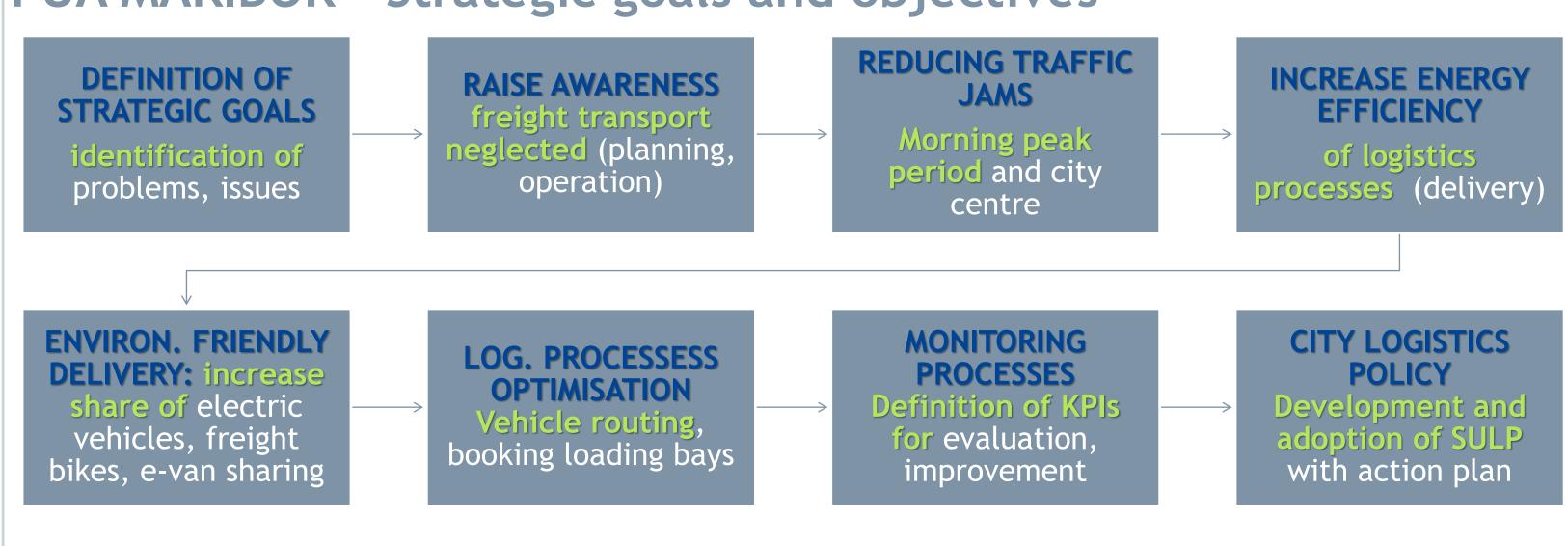


#### Territorial context

- 41 municipalities, 679 settlements
- 2.107 km2 (10,7% of Slovenian national territory)
- 323.461 inhabitants (16,1% of national population)
- 4.100 working units (wholesale and retail, accommodation and food services)
- 1.128 employers (foodstuffs and home accessories)
- 7 zones (geographical units), Maribor City is the central zone of the FUA
- Zones based on traffic network and based on major cities located within the region
- Only Maribor and Ptuj with pertinent city centres (all the rest are small towns)



#### FUA MARIBOR - Strategic goals and objectives

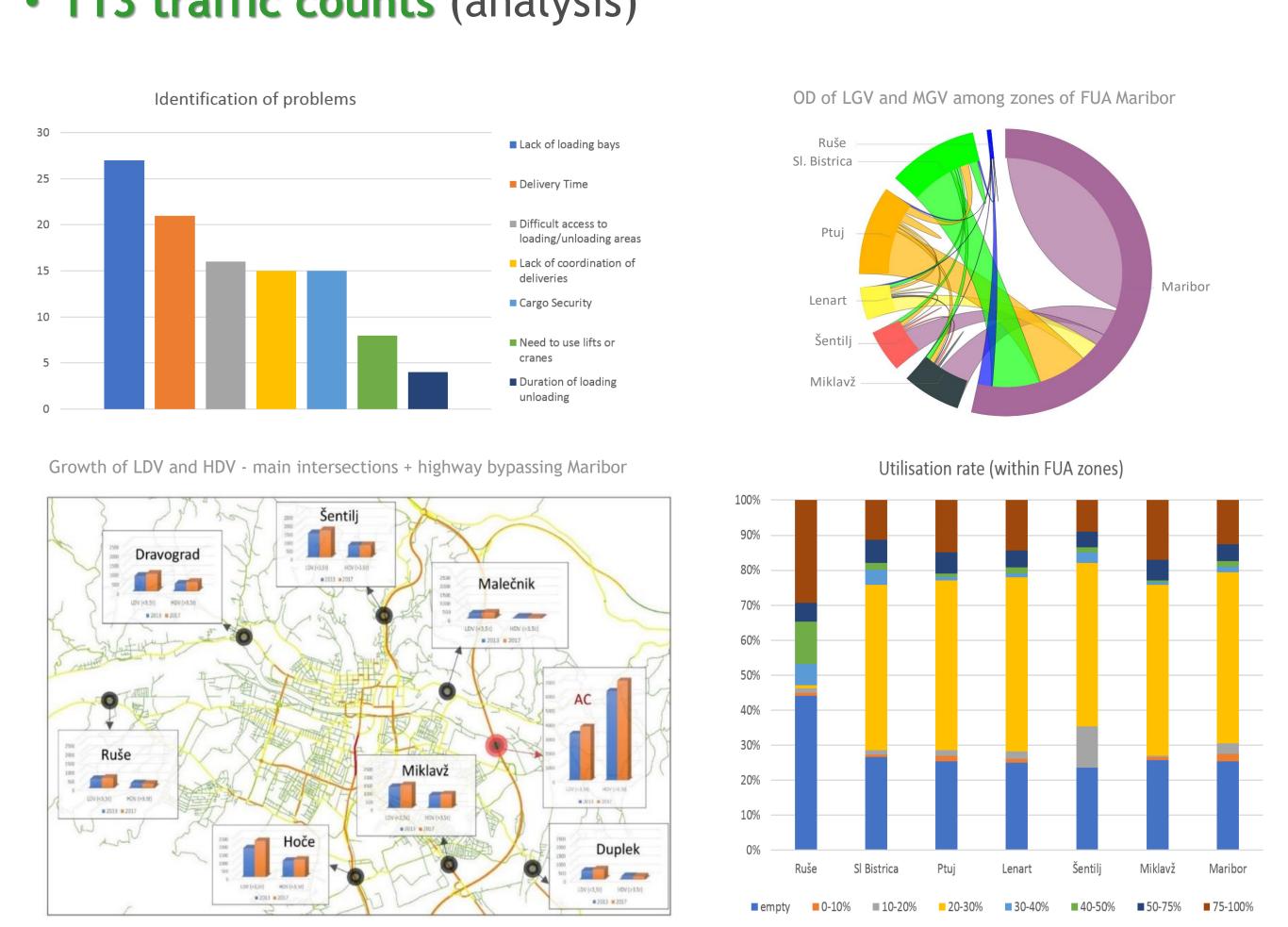


#### National and local strategic documents

- Transport Development Strategy of the Republic of Slovenia (2015)
- ■Slovenian Smart specialisation strategy (2015)
- □**Higher valued-added** activities in the supply chain and innovative solutions for green city logistics are both addressed as important aspects
- ■Specific action (5a) within SUMP (2015) city logistics plan is listed among actions of priority for the future.

#### SULPiTER tool application

- 5 of the most important transport operators (survey)
- 120 interviews with shop owners / retailers
- 113 traffic counts (analysis)



## Freight Quality Partnership

- Identification of regional specific problems and needs
- Joint elaboration of measures
- Understanding effects

FQP establishment

Aims and

objectives

11/2017

**Existing policy** 

Initial measures

• SULP creation, adoption and implementation

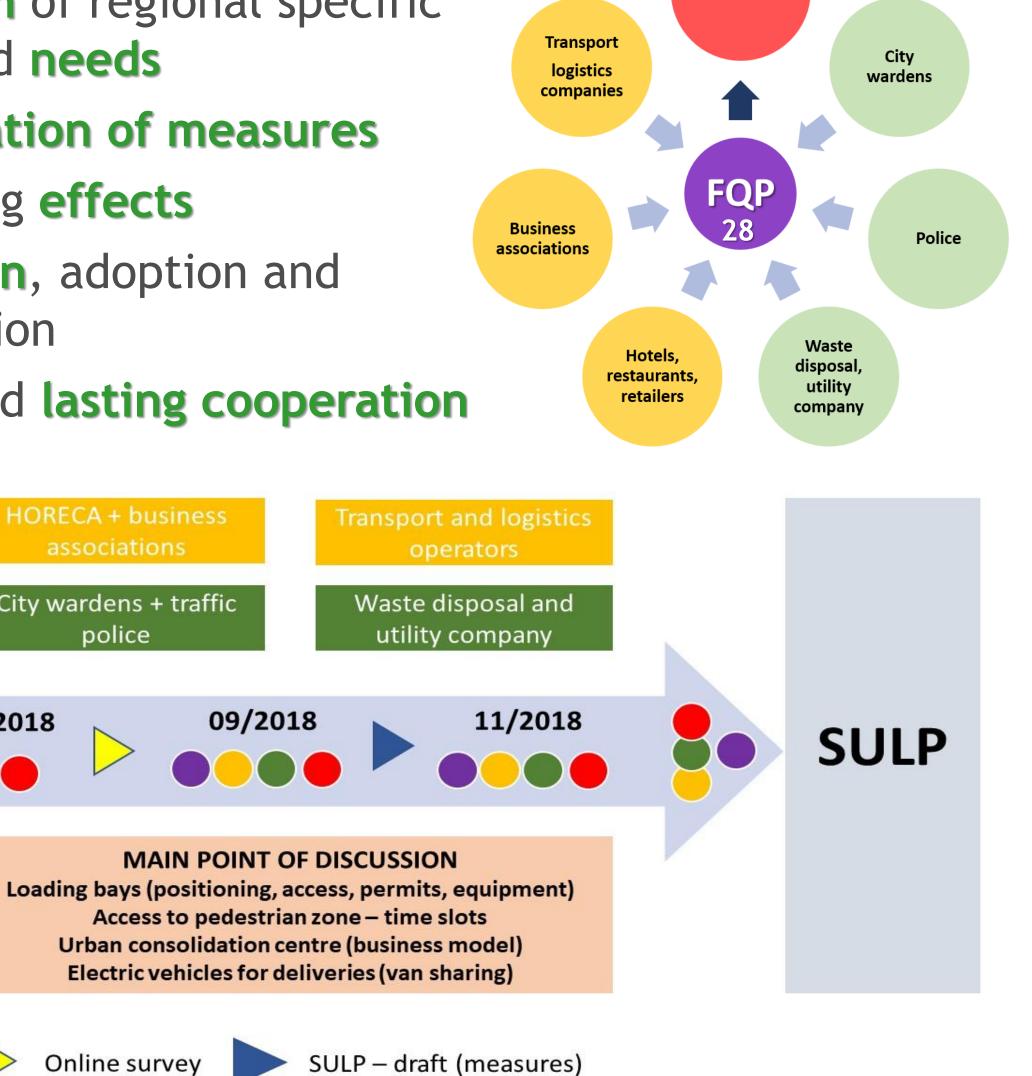
02/2018

Continued and lasting cooperation

HORECA + business

City wardens + traffic

police



Municipality

### Data interpretation

- Main problem lack of loading bays (missing, not well positioned and often occupied - parking violations)
- Fragmentation of deliveries, concentration of deliveries in the morning period (6-10 a.m.)
- Majority of distribution flows with origin and destination within FUA (Maribor zone more than half of all transport trips)
- Low utilisation rate of vehicles (25% empty, only 15% fully loaded vehicles)
- Freight traffic is growing on all main intersections and roads to the city centre.
- LDV traffic increased on average 3,2 % p.a., HDV traffic increased on average by 0,85 % p.a.

#### In total 27 MEASURES in SULP ACTION PLAN

Online survey

- City logistics manager responsible for logistics activities
- Management of loading bays number and positions

09/2018

- Delivery areas and routes identified and marked (map)
- **Urban freight consolidation -** feasibility study
- Advanced ICT services ICT platform, optimisation
- Green logistics solutions bike sharing, E-delivery vehicles
- Tax incentives procurement of e-vehicles
- Stakeholders' collaboration permanent FQP meetings
- **Enforcement -** penalties for non-compliance
- Delivery time windows more flexible (early morning)
- Education and training support to companies, site visits
- Supporting local economy reduction of costs, new facilities, services



