



Mobility Quiz: Planning Sustainable Mobility Starting from the Pedestrian, the case of Olbia's Pedestrian plan

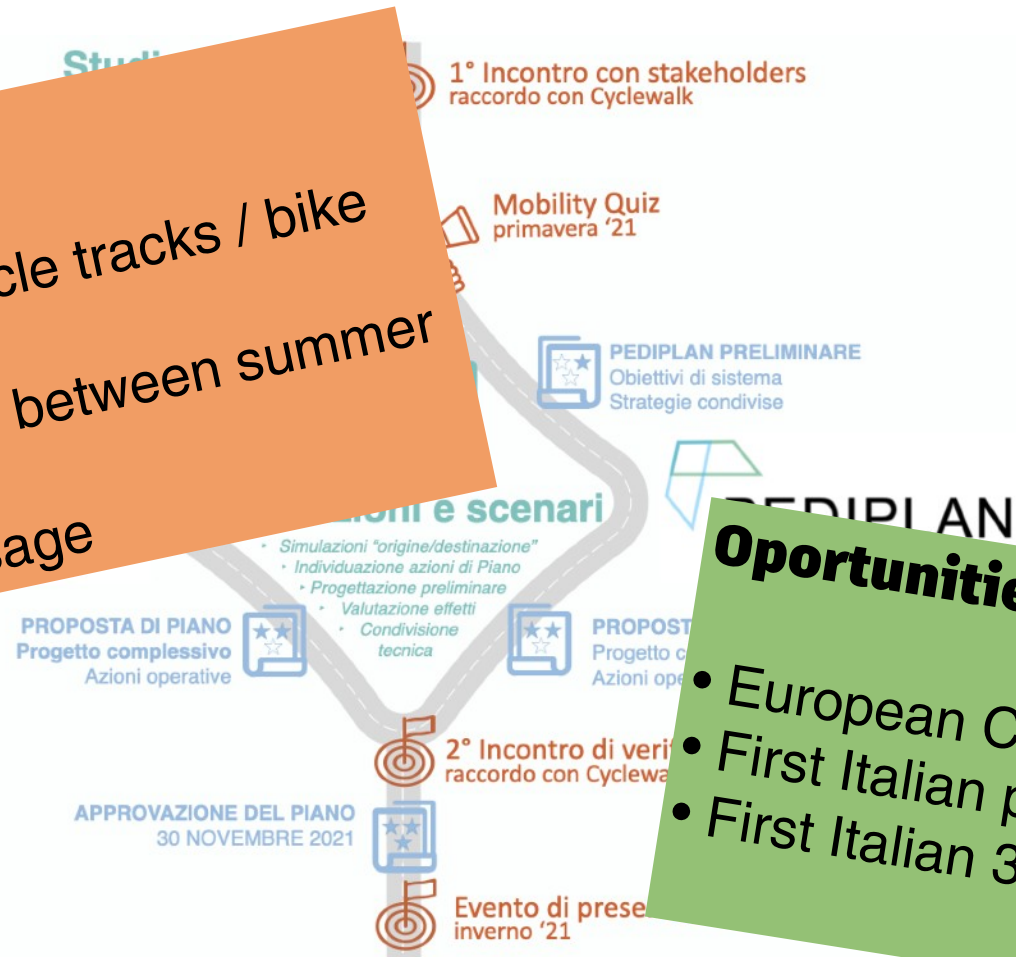
Matteo Scamporrino | TPS Pro

The case of Olbia: Analisi

Internal Areas and the SNAI Challenge

Critical issues:

- Complete absence of cycle tracks / bike lanes (2020)"
- High seasonal variation between summer and winter demand
- Massive private car usage



Opportunities:

- European CYCLEWALK project
- First Italian pedestrian plan
- First Italian 30 km/h city

Analytical Datasets & Big Data

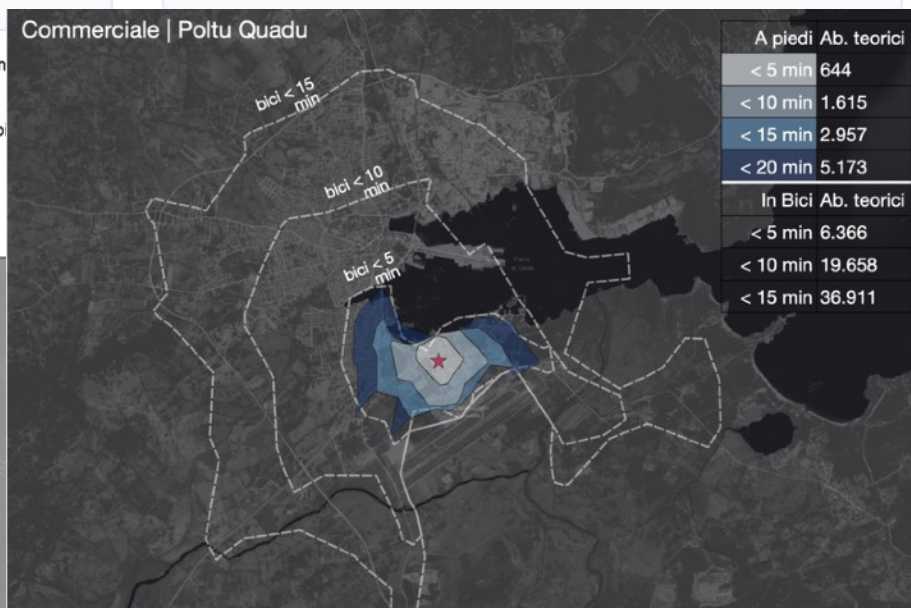
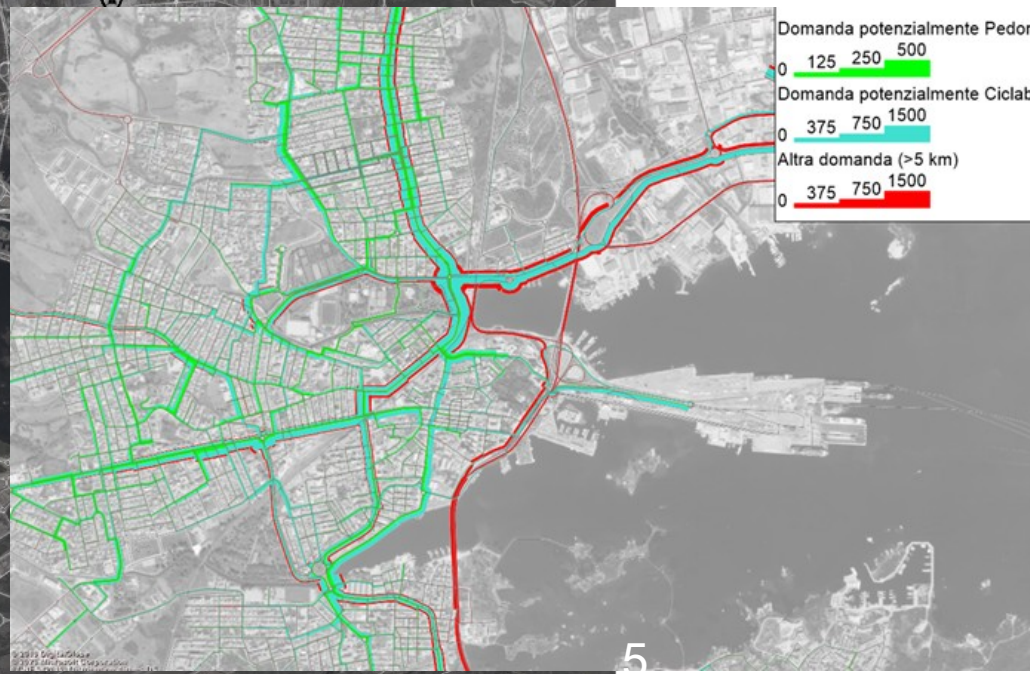
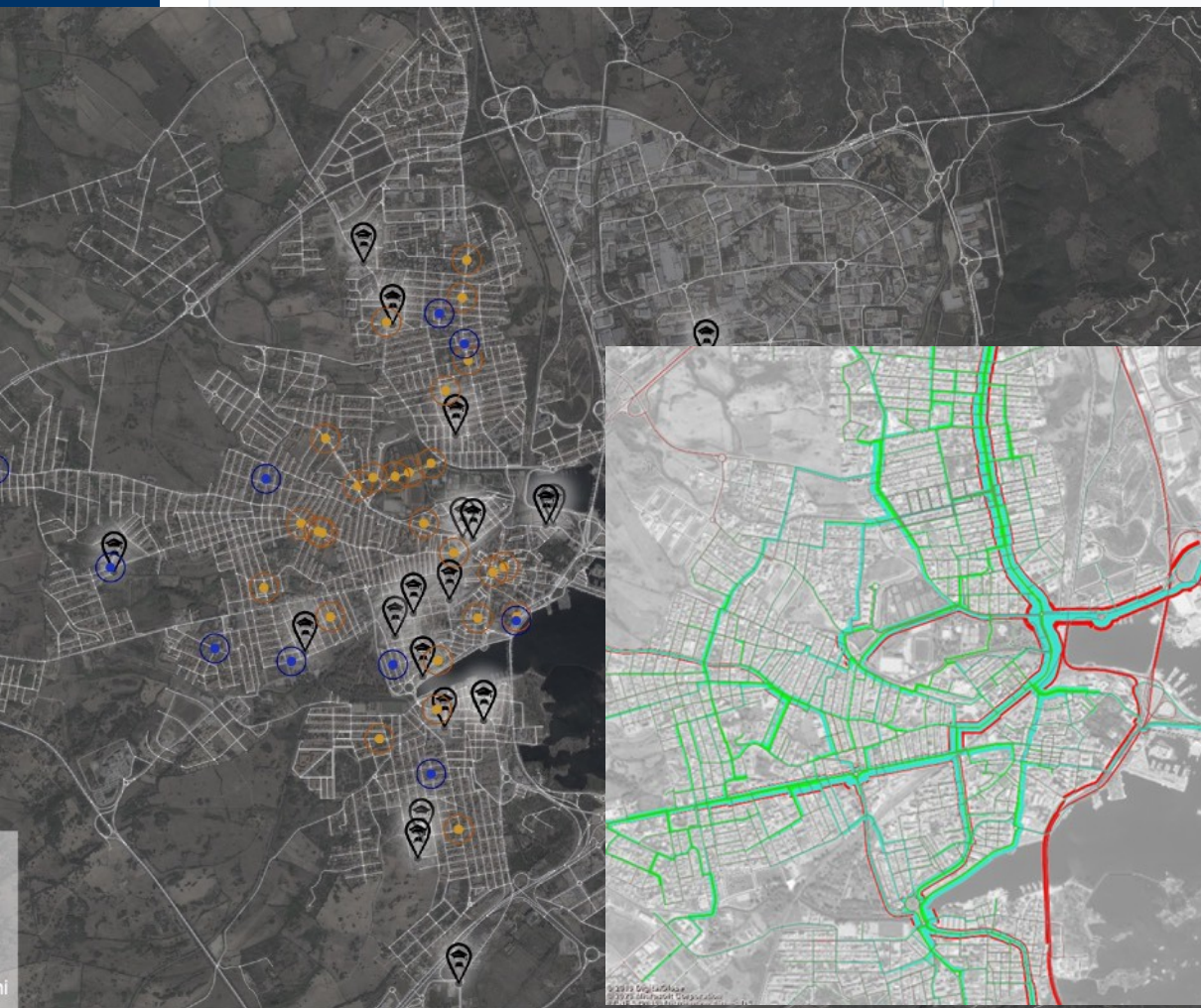


Car Data (FCD)

S telematics records harvested from
 board insurance black boxes,
 engine ignition, in-motion GPS traces,
 minus points.

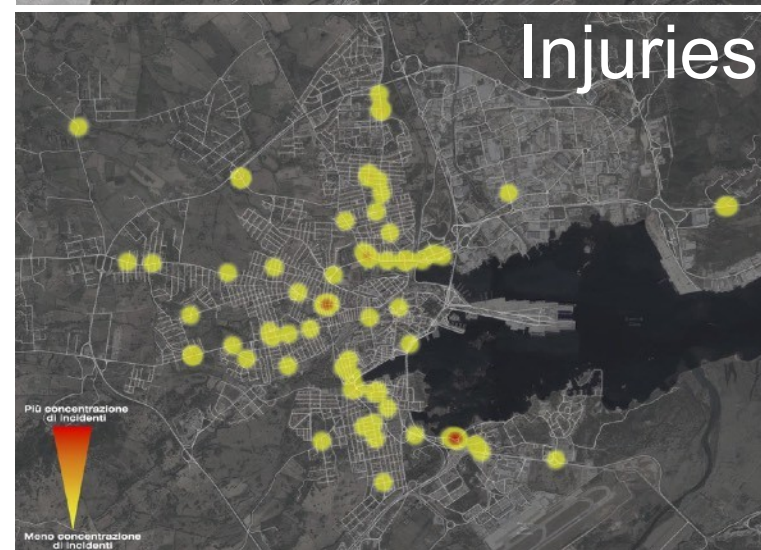
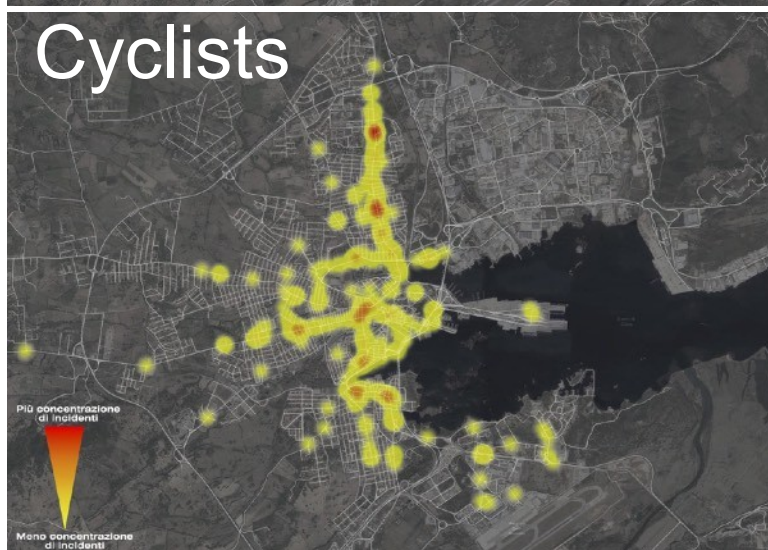
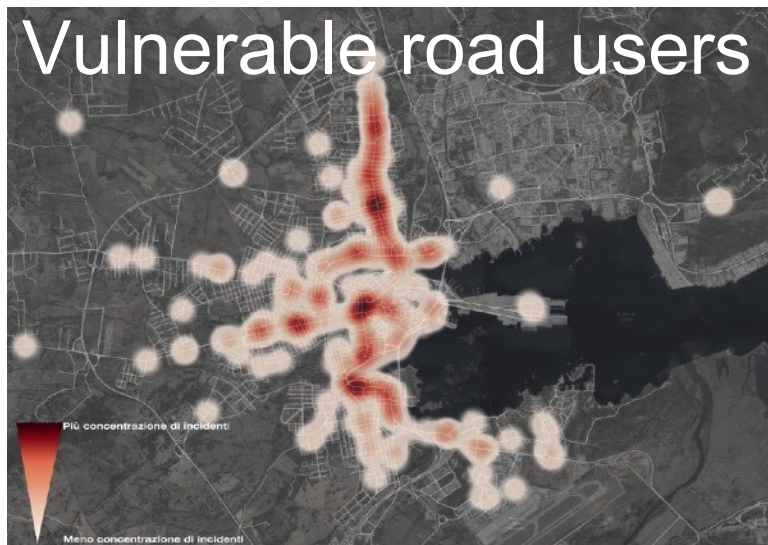
Geocoded Student Data

Anonymized school enrollment registries
 consolidated from all municipal education
 institutes to map precise geographic distributions
 of school-age commuters.

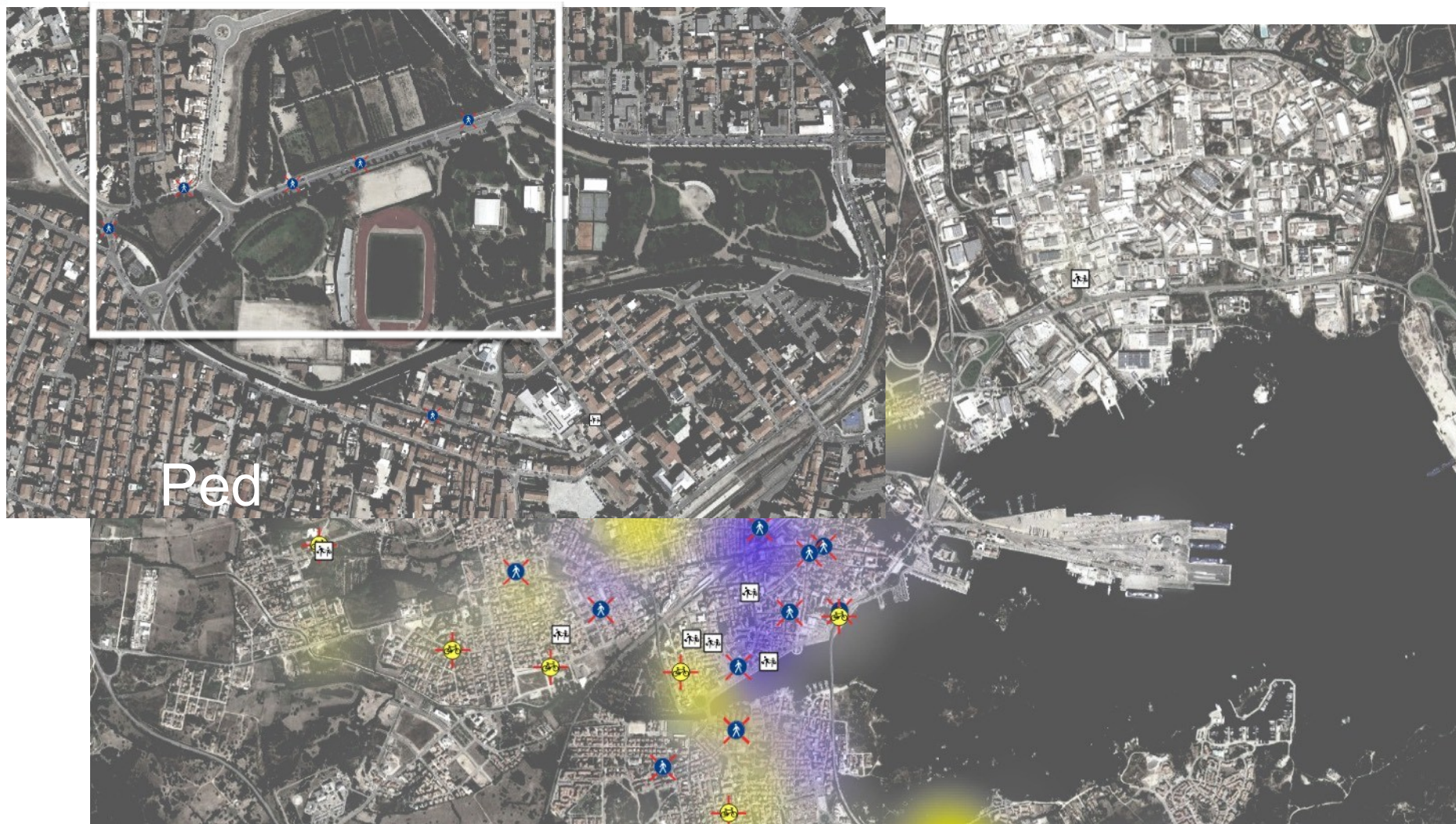


INVESTIGATIONS AND BIG DATA

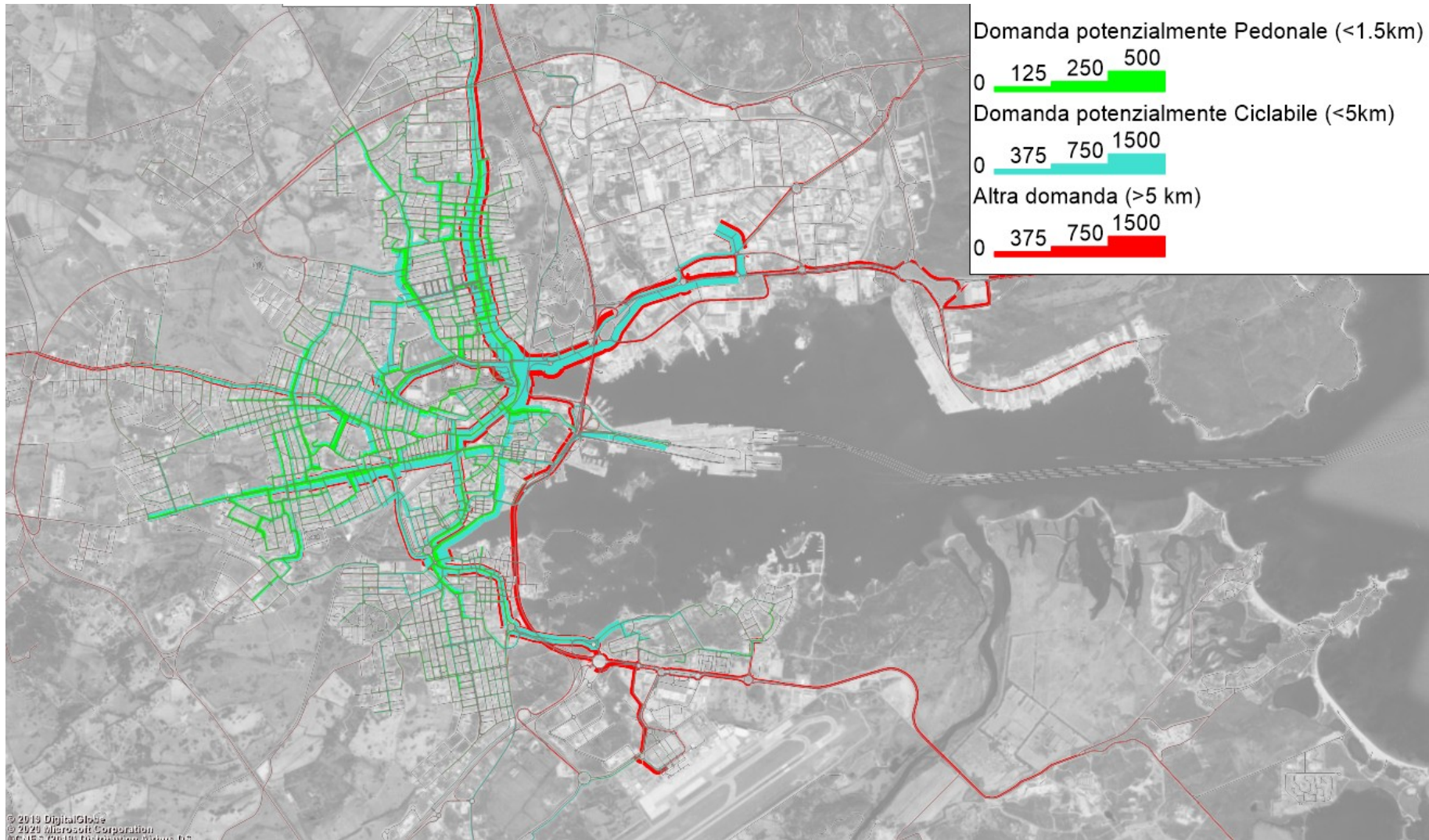
Investigations | accident rates | comparison



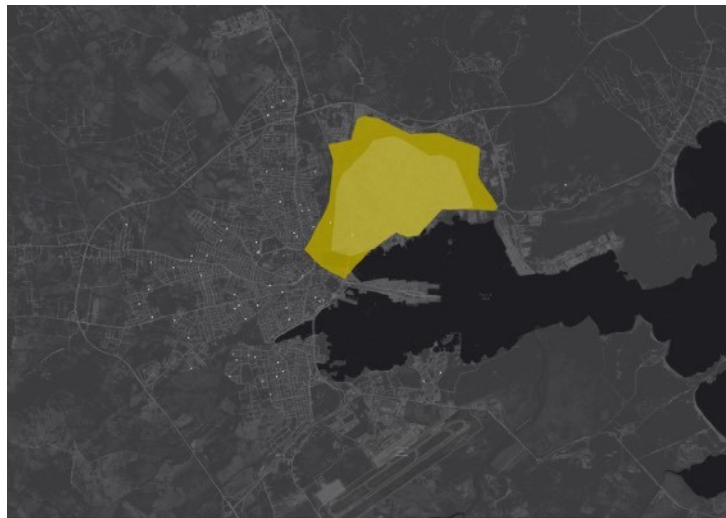
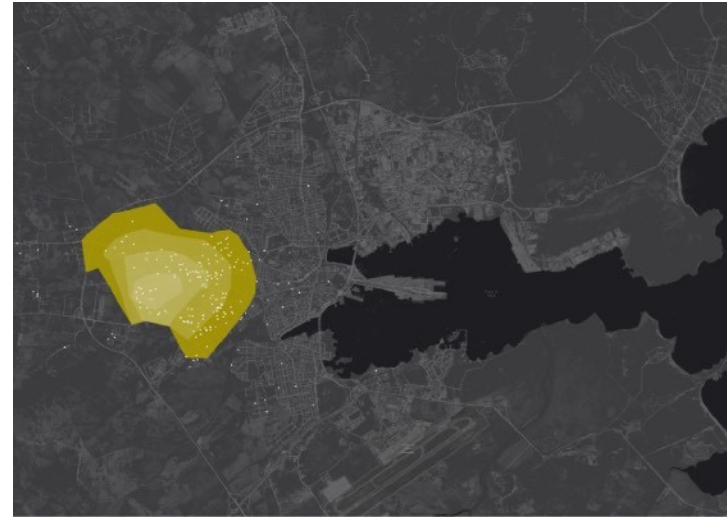
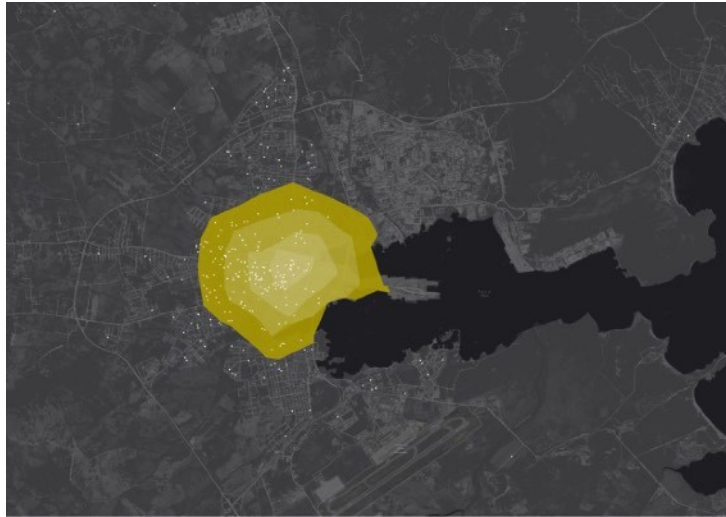
Investigations | accident rates | Minors and schools



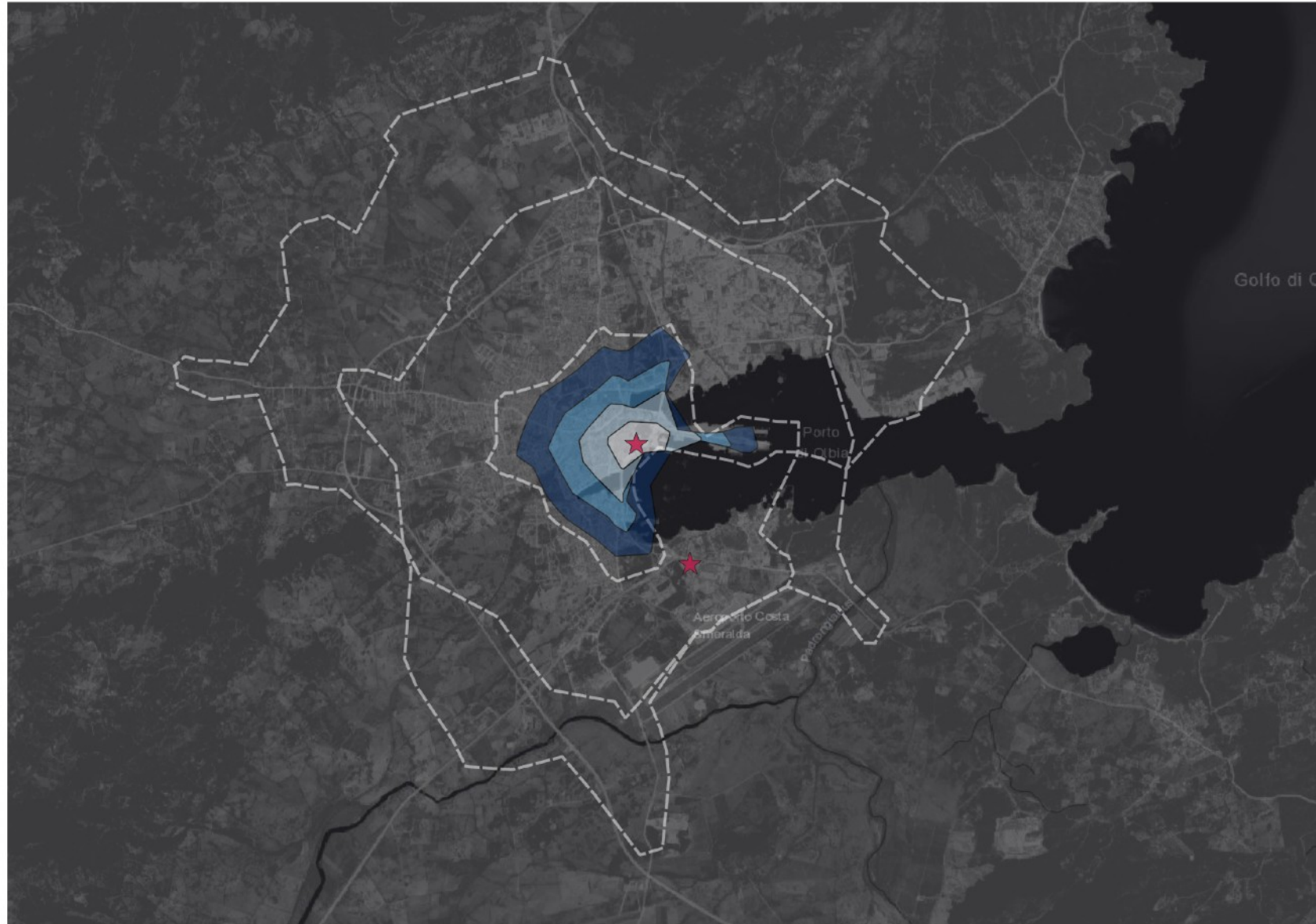
Investigations | Travel patterns based on FCD data



Investigations | school catchment areas



Investigations | Urban Services | Municipality



On Foot	Theoretical inhabitants
< 5 min	761
< 10 min	2.967
< 15 min	5.644
< 20 min	10.050
Bicycle	Theoretical inhabitants
< 5 min	13.052
< 10 min	40.072
< 15 min	44.038

PROJECT OUTCOMES

Strategies: 4 Axes, 2 Palan

Axis 0

Olbia hospitable and attractive

Axis 1

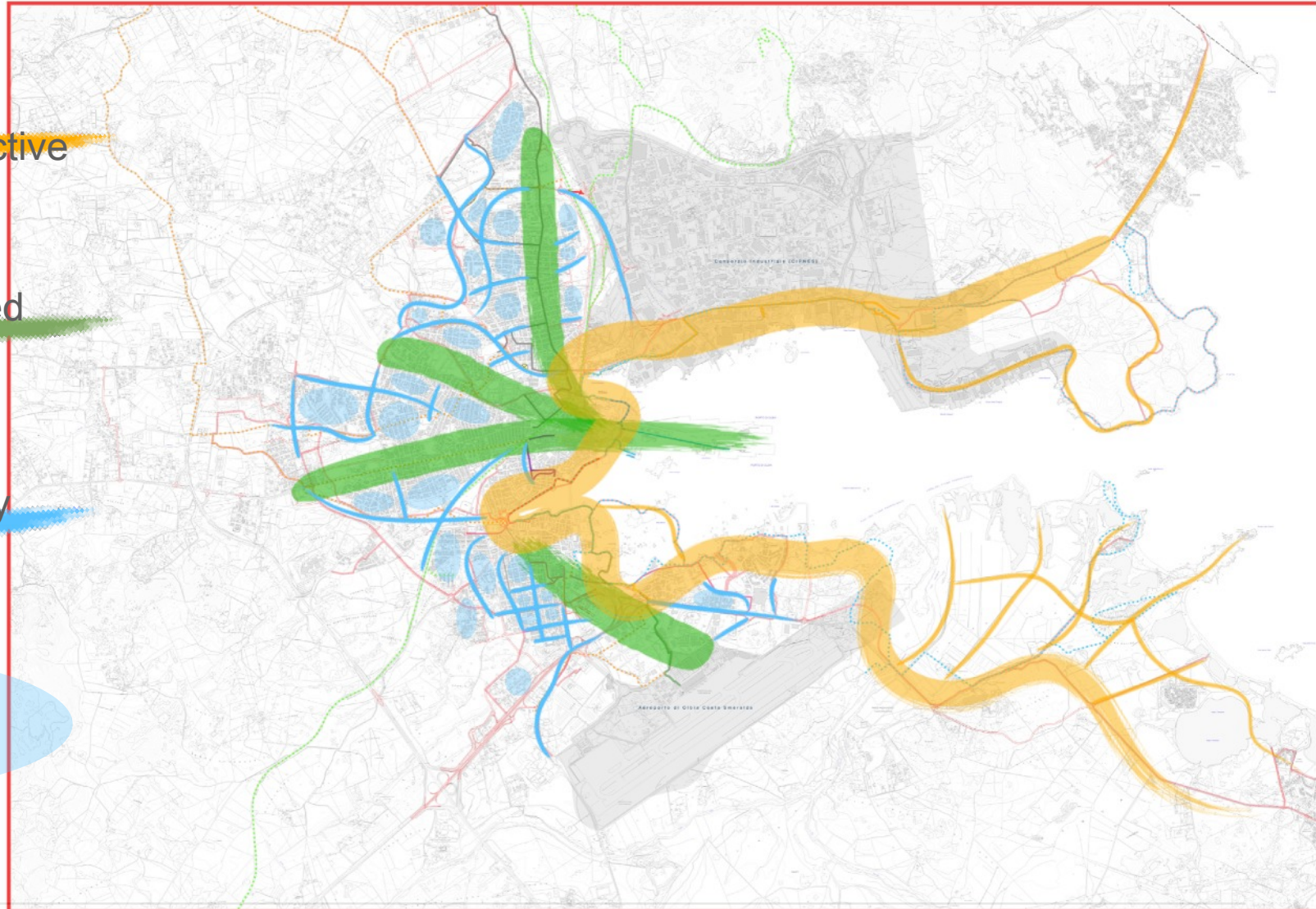
Olbia Safe and connected

Axis 2

Olbia Accessible every day

Axis 3

Olbia 15 minutes

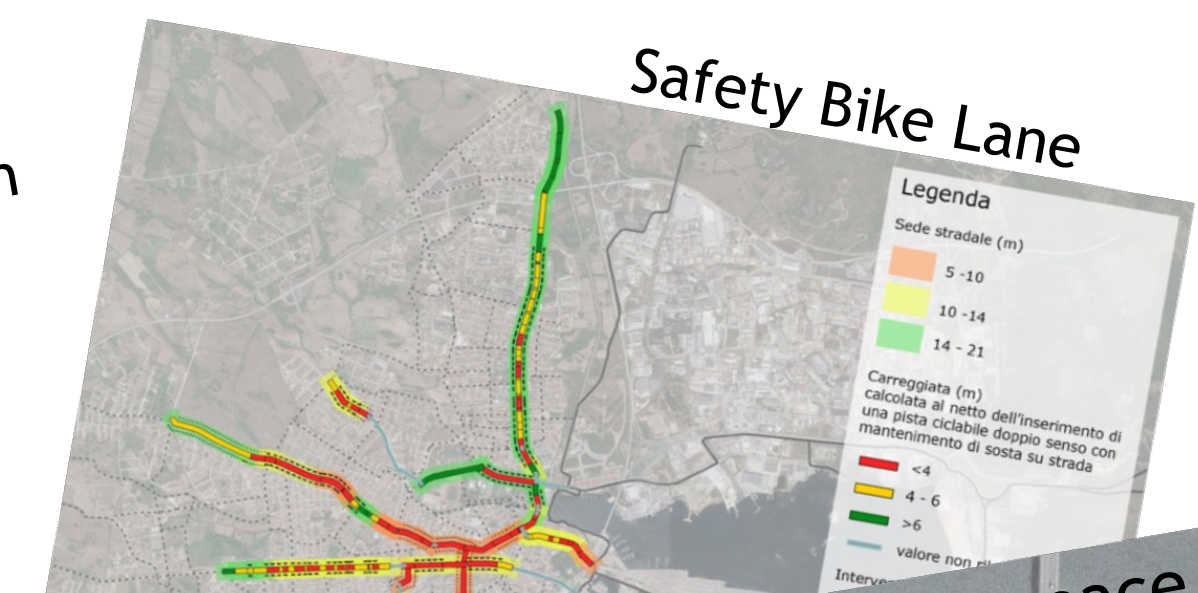


Action: Biciplan

BikeStation project at the Rail Station



Safety Bike Lane



Bike & pedestrian schools space and accessibility Re-design

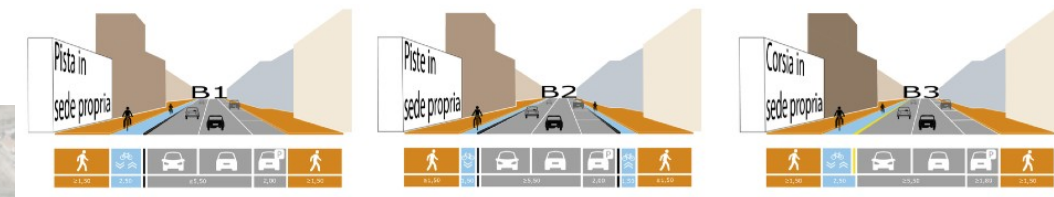


Action: Biciplan

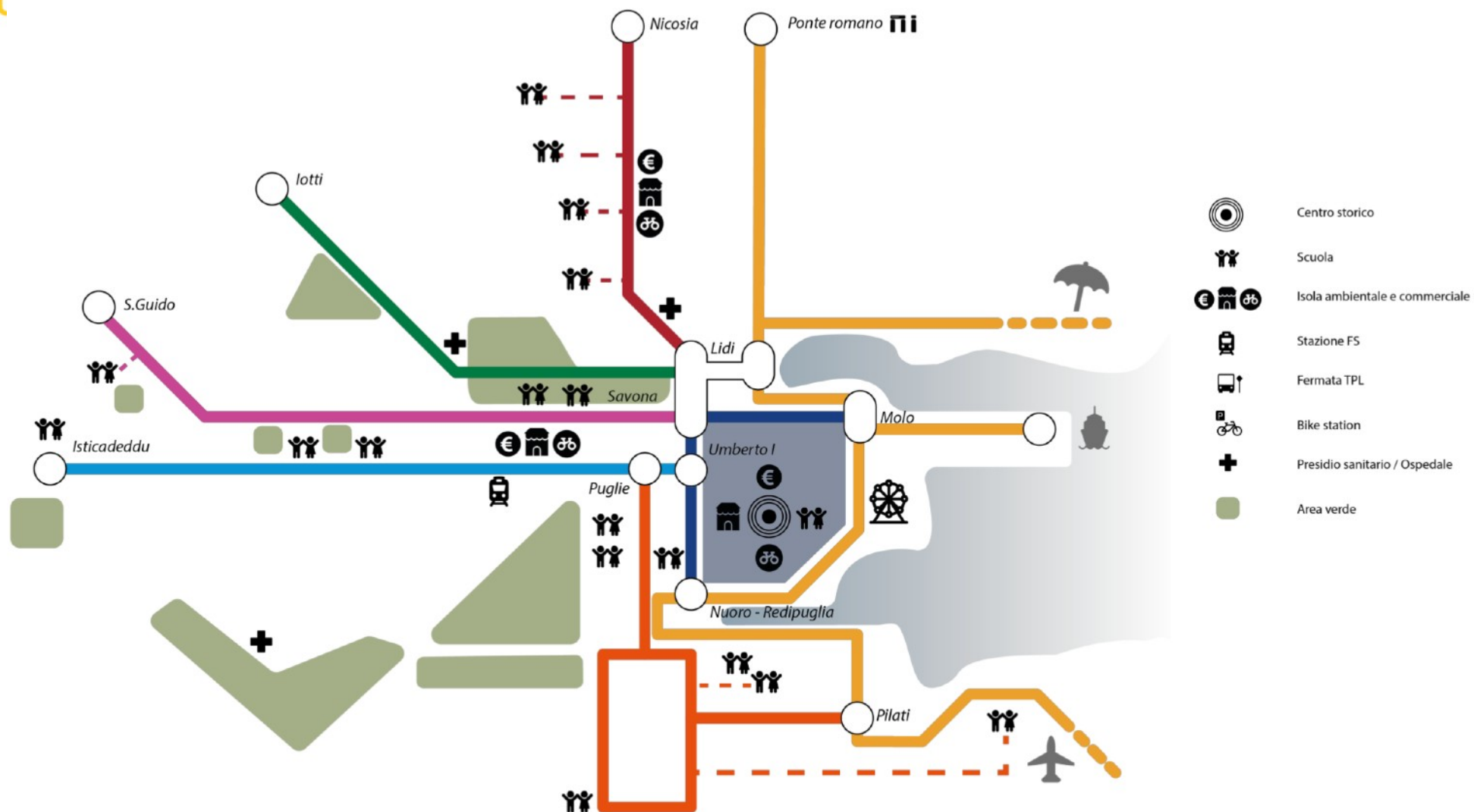
120

Typical cross-sections

- A. Two-way or one-way cycle tracks or lanes
- B. Two-way or one-way cycle tracks or lanes protected by parking
- C. Shared bicycle-pedestrian paths on sidewalks
- D. Areas with bicycle and pedestrian priority
- E. Exceptions requiring integrated, detailed design



Action: MetroMap



Action: MetroMap

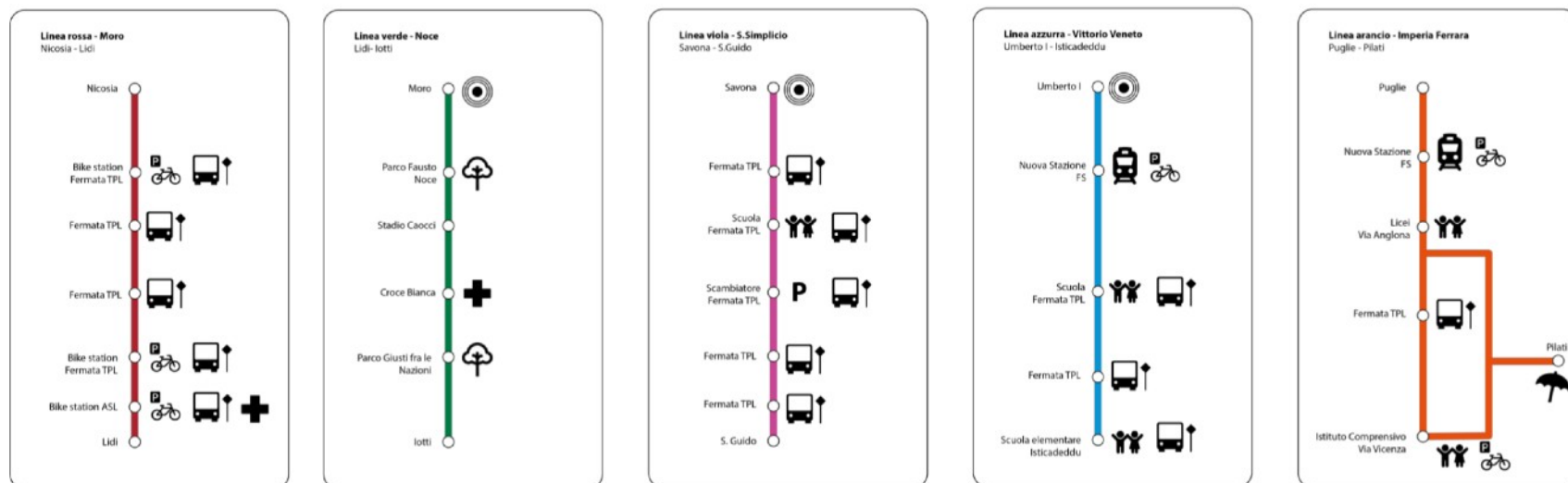
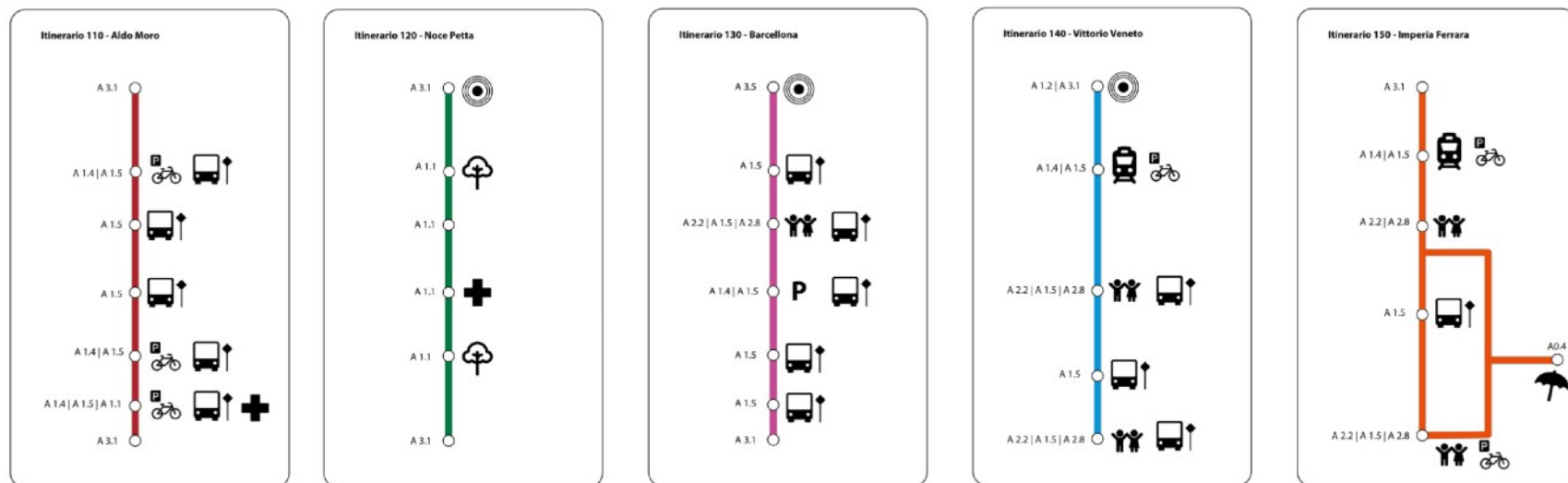
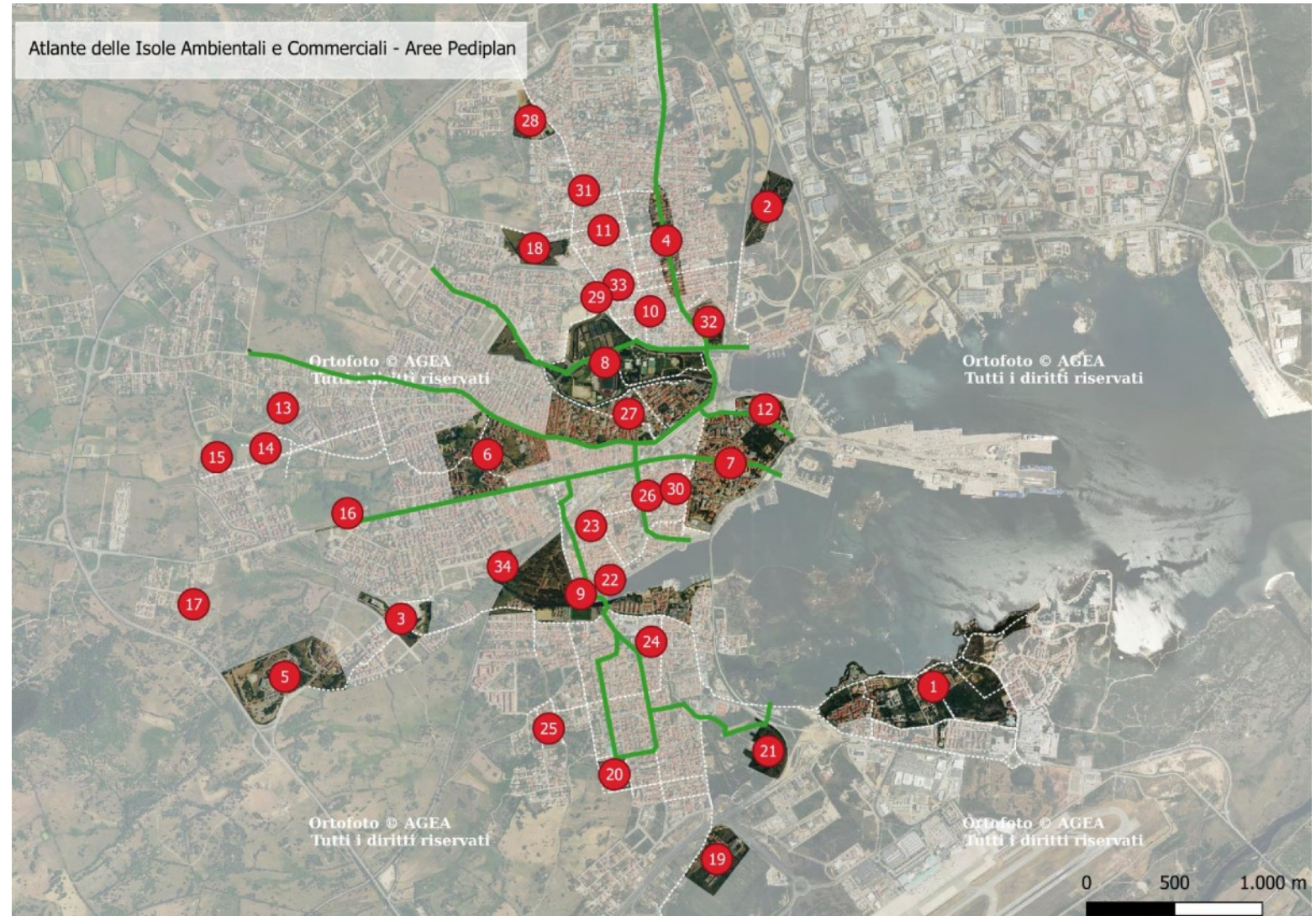
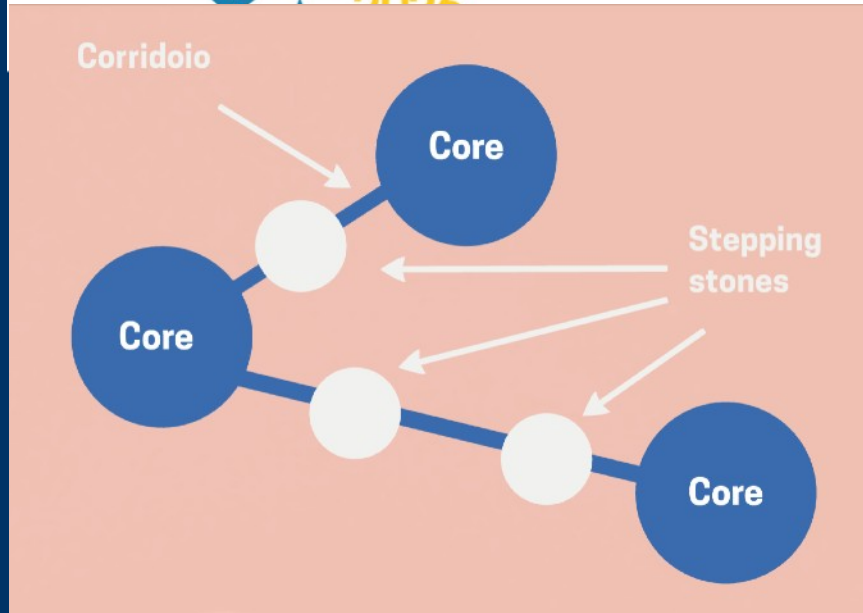


Figura 112 Itinerari con esempi di fermate



Action: Pediplan a new "Ecosystem"

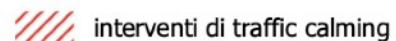
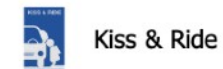


Action: Peditplan Project sheet

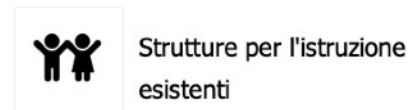
Scuole Via Nanni

Attrezzature area

- Core
- Stepping Stone



Scuole



Cronaca, Sport, Bianca, Ciclismo

Olbia, a scuola si va in bici: la prima iniziativa di SiamoQ è un successo

Il progetto, nato per promuovere la mobilità sostenibile e l'inclusione sociale, ha dato vita al primo dei tanti eventi previsti



Camilla Pisani
Pubblicato il 04 giugno 2021
alle 06:00

condividi articolo:

Olbia. Il primo evento legato al progetto SiamoQ Isticcadèddu è stato un successo: il primo giugno, con biketoschool, realizzato da Hub.MAT di Roberta Calcina in partenariato con l'associazione Sensibilmente ODV e la scuola Media Armando Diaz, i ragazzi hanno percorso le strade del loro quartiere in bici, segnalando simbolicamente la necessità e la bellezza del diritto a strade accessibili e sicure. "Grazie alla collaborazione della

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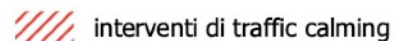


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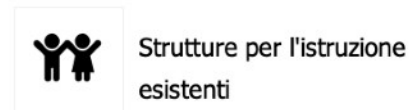
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NOW IT'S YOUR TURN

THE WORKSOP

Instructions

What:

Divided into three groups, we will select shared actions

How:

Using a real-time interactive quiz

Why:

To compare the cities and streets resulting from the three discussion groups

Duration:

30 minutes