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Quality of life: urban and regional indicators in the JRC policy support

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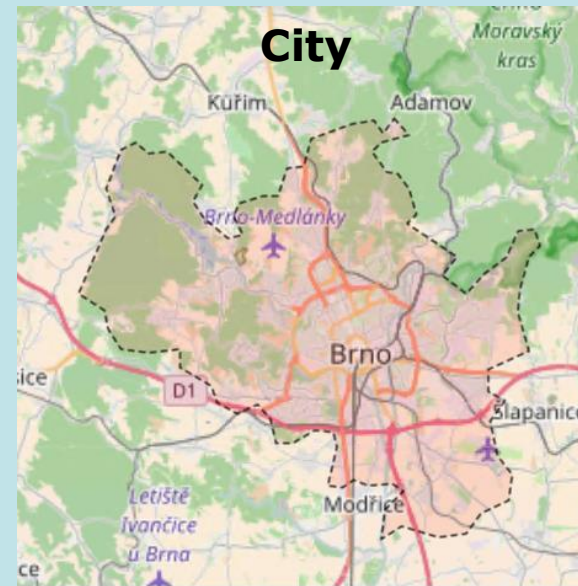
#Brno2050 conference
October 17, 2018
Brno, Czechia

Territorial dimensions

Urban

- City (LAU2, municipality) 'Greater city'
- Functional urban area
- Metropolitan region
- NUTS 3
- NUTS 2
- NUTS 1

Regional



Why quality of life?

- Policies targeting only GDP growth might not bring about overall progress and well-being of the society
- Quality of life: a multi-faceted and human-oriented concept
- Corresponds with the UN SDGs
- Much more challenging to be measured



IMPLEMENTING
THE NEW
URBAN AGENDA



URBAN
AGENDA FOR THE EU



Dimensions of quality of life

EUROSTAT: 8+1 dimensions

- Material living conditions (income, consumption and material conditions)
- Productive or main activity
- Health
- Education
- Leisure and social interactions
- Economic and physical safety
- Governance and basic rights
- Natural and living environment
- Overall experience of life

OECD: 11 dimensions

- Income
- Access to services
- Jobs
- Health
- Education
- Community
- Civic Engagement
- Safety
- Environment
- Housing
- Life satisfaction

Indicators on quality of life

Subjective (perceived)

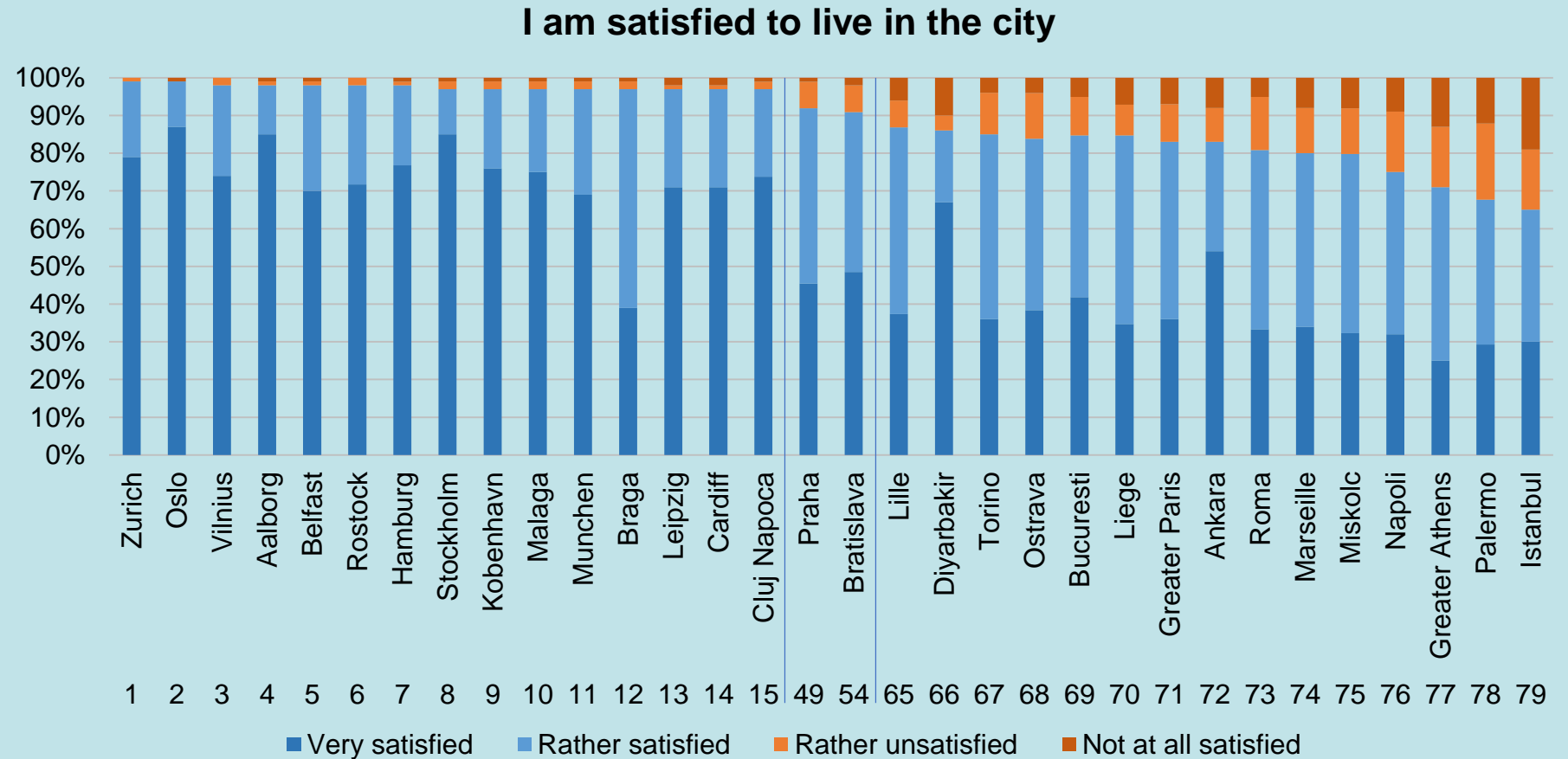
- Direct public opinion enquiry
- Characterize individuals or their immediate surroundings
- In-depth interview (EU SILC)
Small sample size
- Perception survey (Eurobarometer)
Only 79 cities
- Might be relative – subject to cultural norms, awareness, etc.

Objective (measured)

- Indicators derived from 'hard' data
- Characterize aggregate populations, wider geographic areas
- Proxy variables
- Decennial census, admin. registers
- Urban statistics
- Spatial data
- Models, predictions

Subjective indicators: overall perception

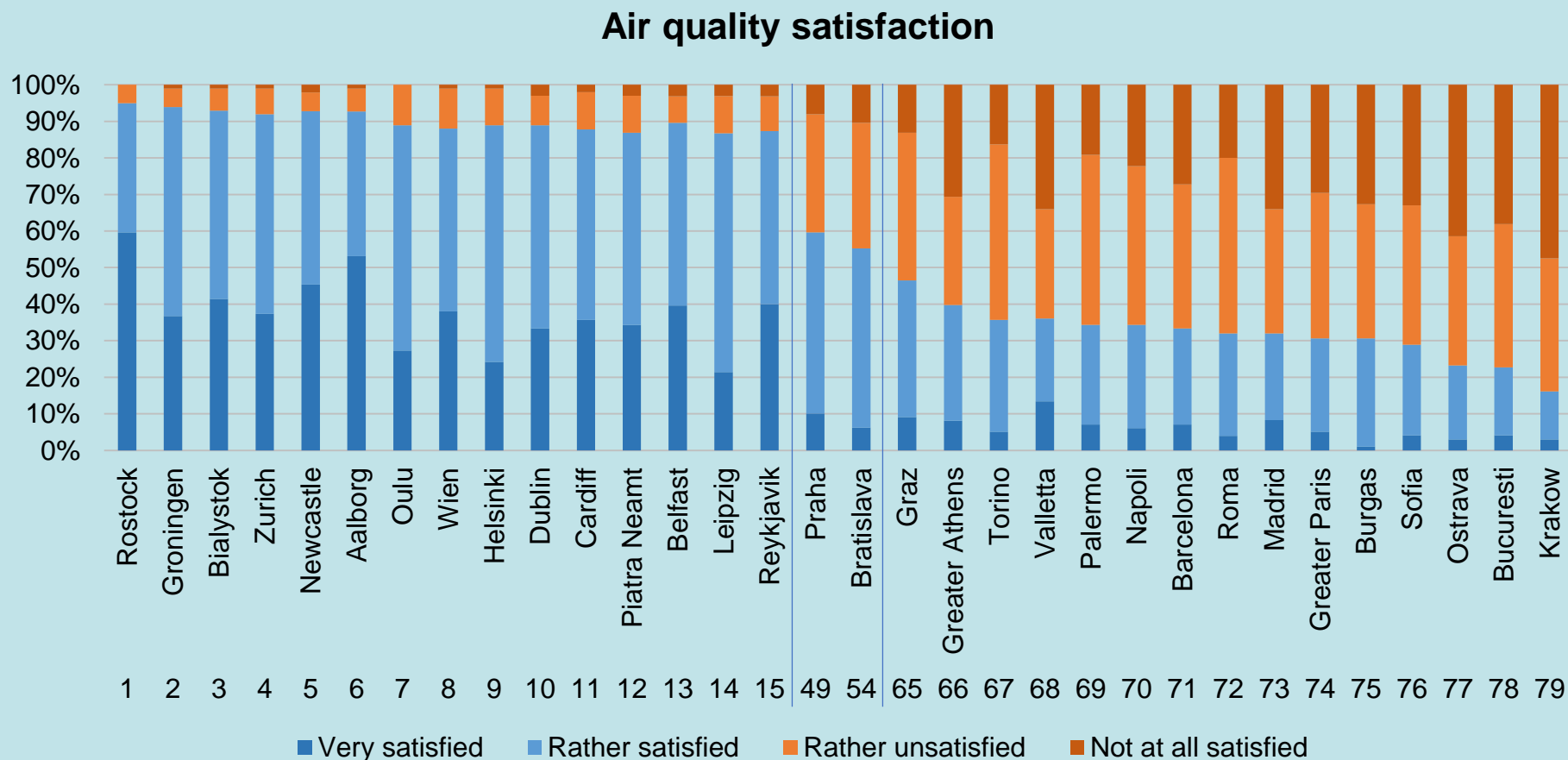
Flash Eurobarometer
419, May-June 2015
79 selected cities
500 respondents
per city



Subjective indicators: air quality

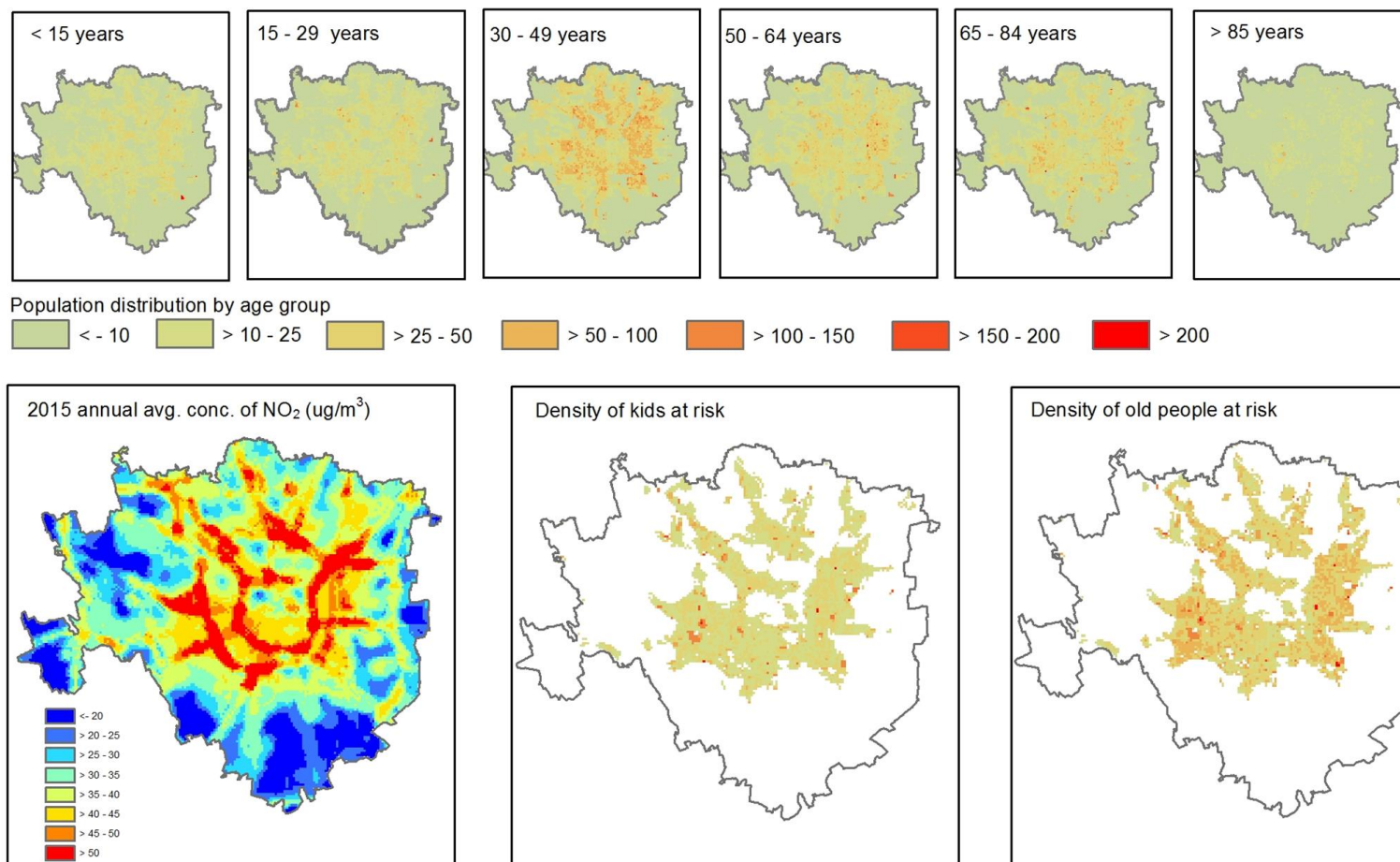
Survey question:

Generally speaking, please tell me if you are satisfied with the quality of the air in your city.



Objective indicators: air quality

Exposure of vulnerable populations to polluted air
(NO₂ concentration over recommended threshold)



Towards better QoL and SDG policies

- Promoting the concepts and goals
- Identifying indicators for monitoring of progress
- Fostering harmonisation and comparability
- Bringing diverse data providers under one roof
- Enabling EU-wide comparison and benchmarking
- Helping cities to share and get inspired by other strategies
- Engaging cities with other stakeholders

Knowledge Centre for Territorial Policies

A JRC/DG REGIO initiative in the frame of the EC Strategy on Data, Information and Knowledge Management.



A **coherent framework** to promote integrated urban/territorial development, bringing together advances in knowledge production, integration of policy frameworks and opportunities for stakeholder engagement.

Tools: Urban Data Platform, Territorial Dashboard, STRAT-board

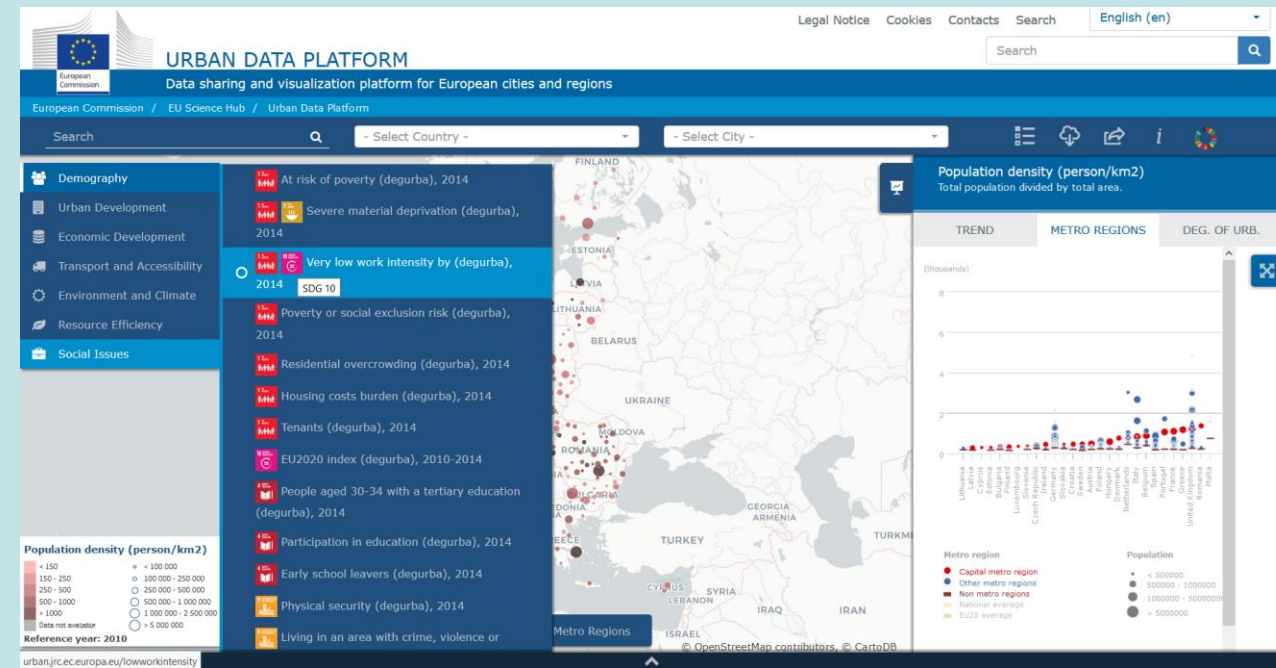
Urban Data Platform: better knowledge on cities

Online interactive interface to access information on European cities

Explore, visualize, compare and download data for:

- 807 **Cities**
- 672 **Functional urban areas**
- 271 **Metropolitan regions**
- 60 **Indicators from diverse domains**

<http://urban.jrc.ec.europa.eu>



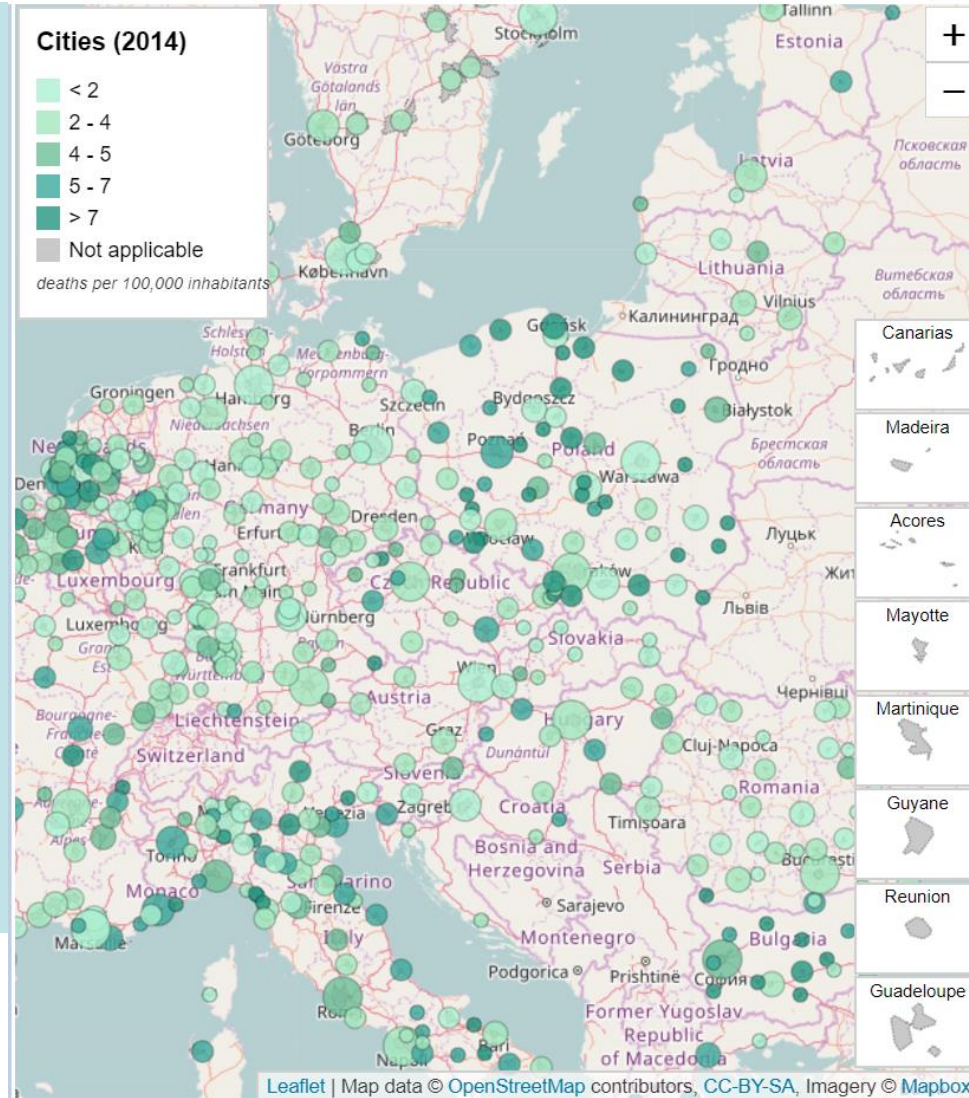
UDP interface relating Urban Indicators to SDGs.

Safety compared through Urban Data Platform

Section European trends

Road traffic fatalities rate

*The EU objective
for 2020 is a rate
below 3.1.



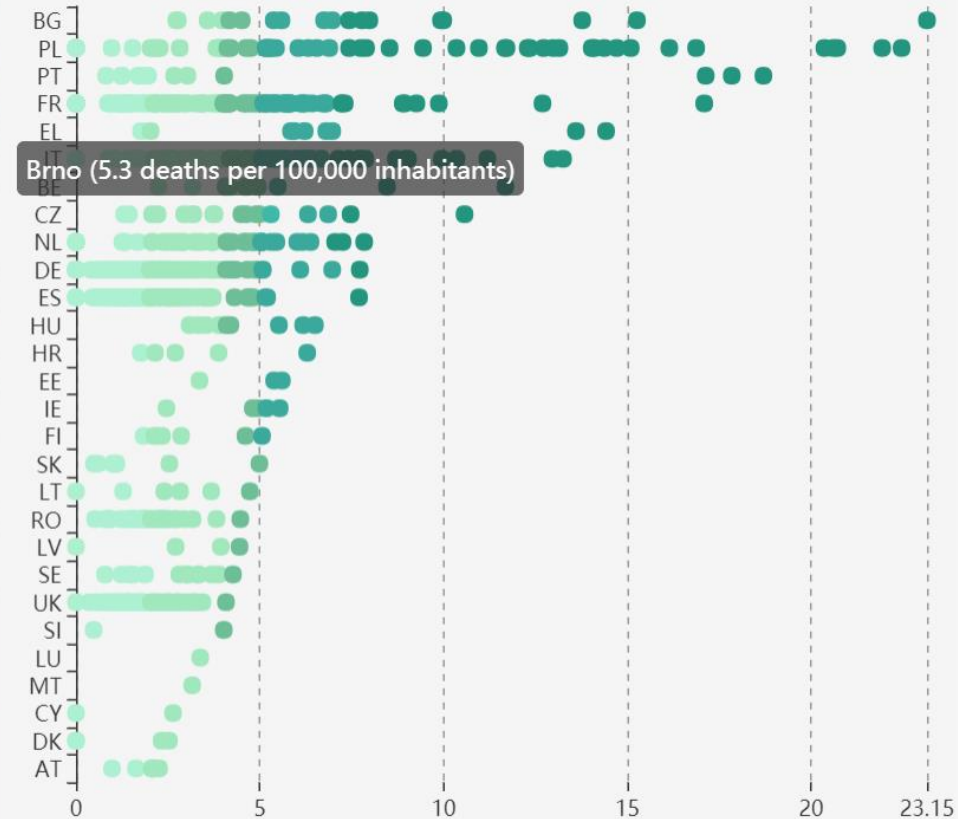
Bar chart

Distribution chart

Compare

Datatable

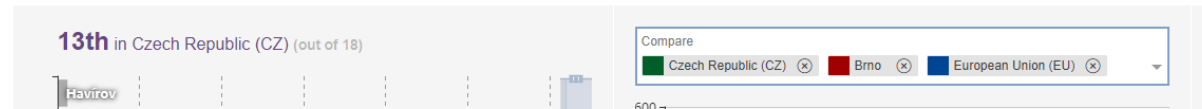
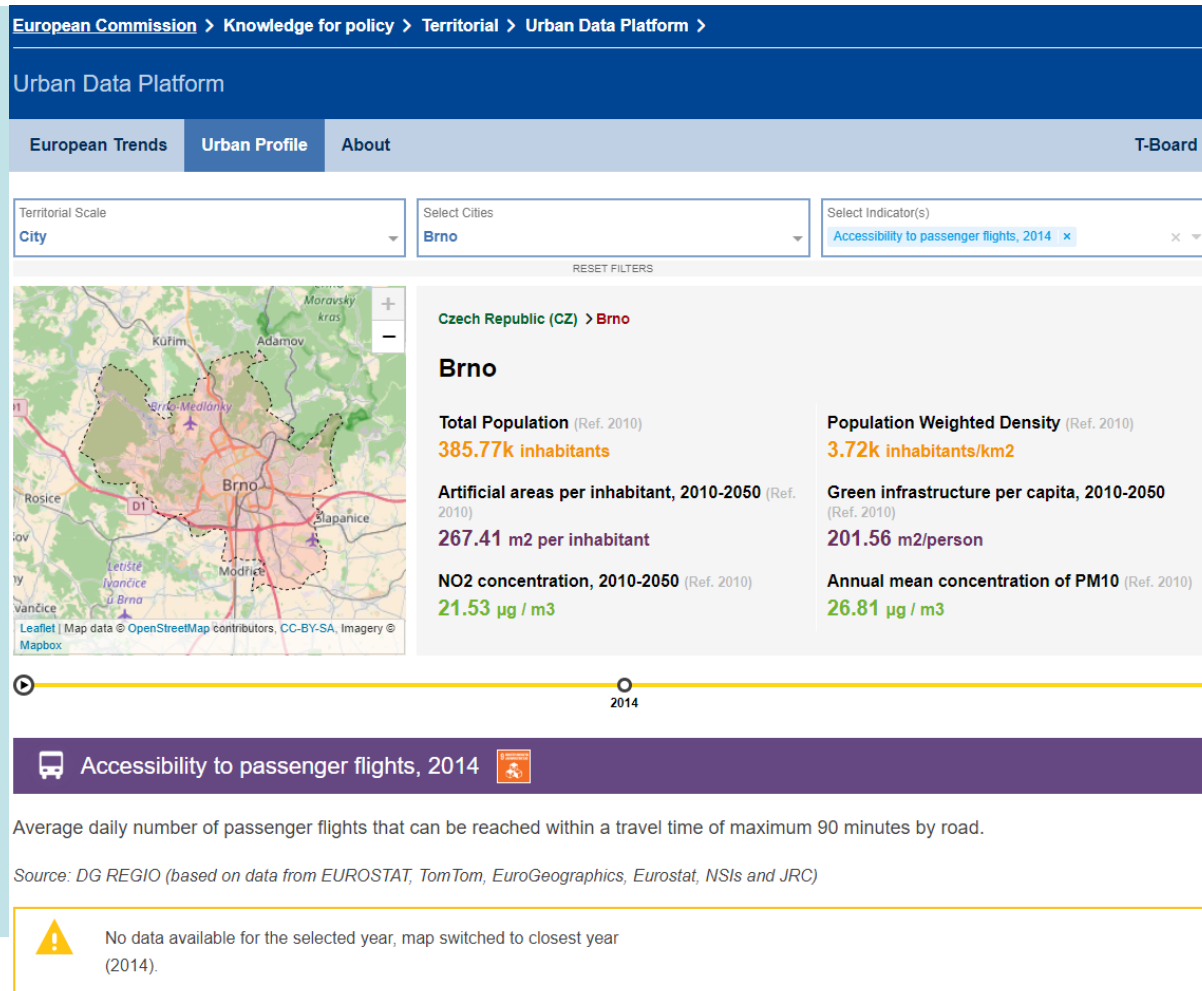
Sort by Name Value



Accessibility compared through Urban Data Platform

Section Urban Profile

Daily number of
regular passenger
flights within
90 min drive



STRAT-Board: territorial/urban strategies dashboard

STRAT-Board is an interactive mapping tool that provides a visual overview of Sustainable Urban Development (SUD) and Integrated Territorial Investment (ITI) strategies currently implemented across Europe. So far, almost one thousand strategies have been mapped.

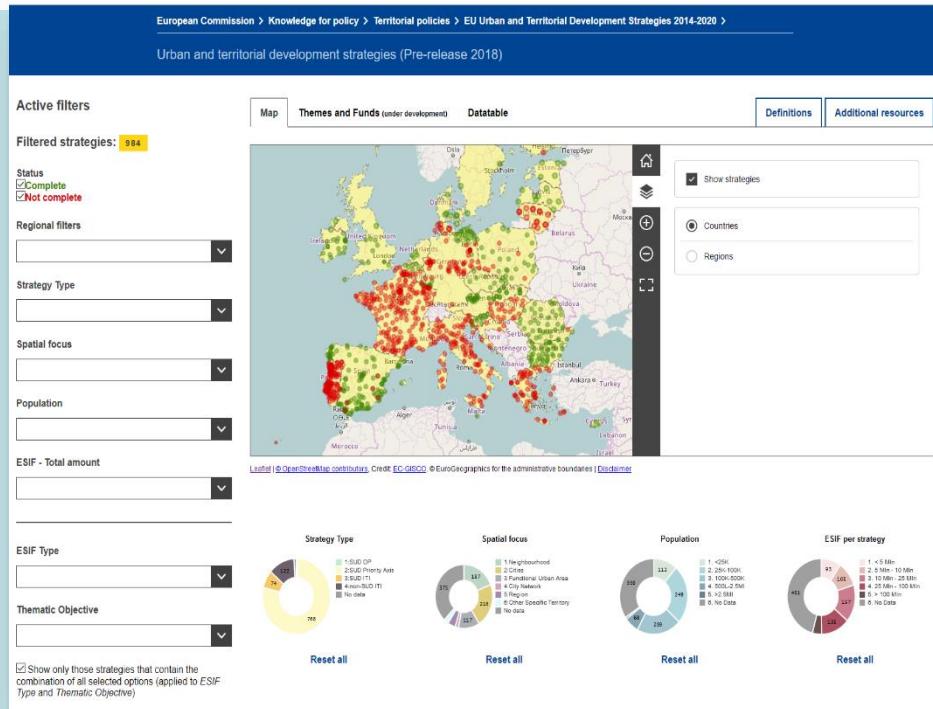
**Official presentation:
Autumn 2018**

European Week
of Regions and Cities 2018

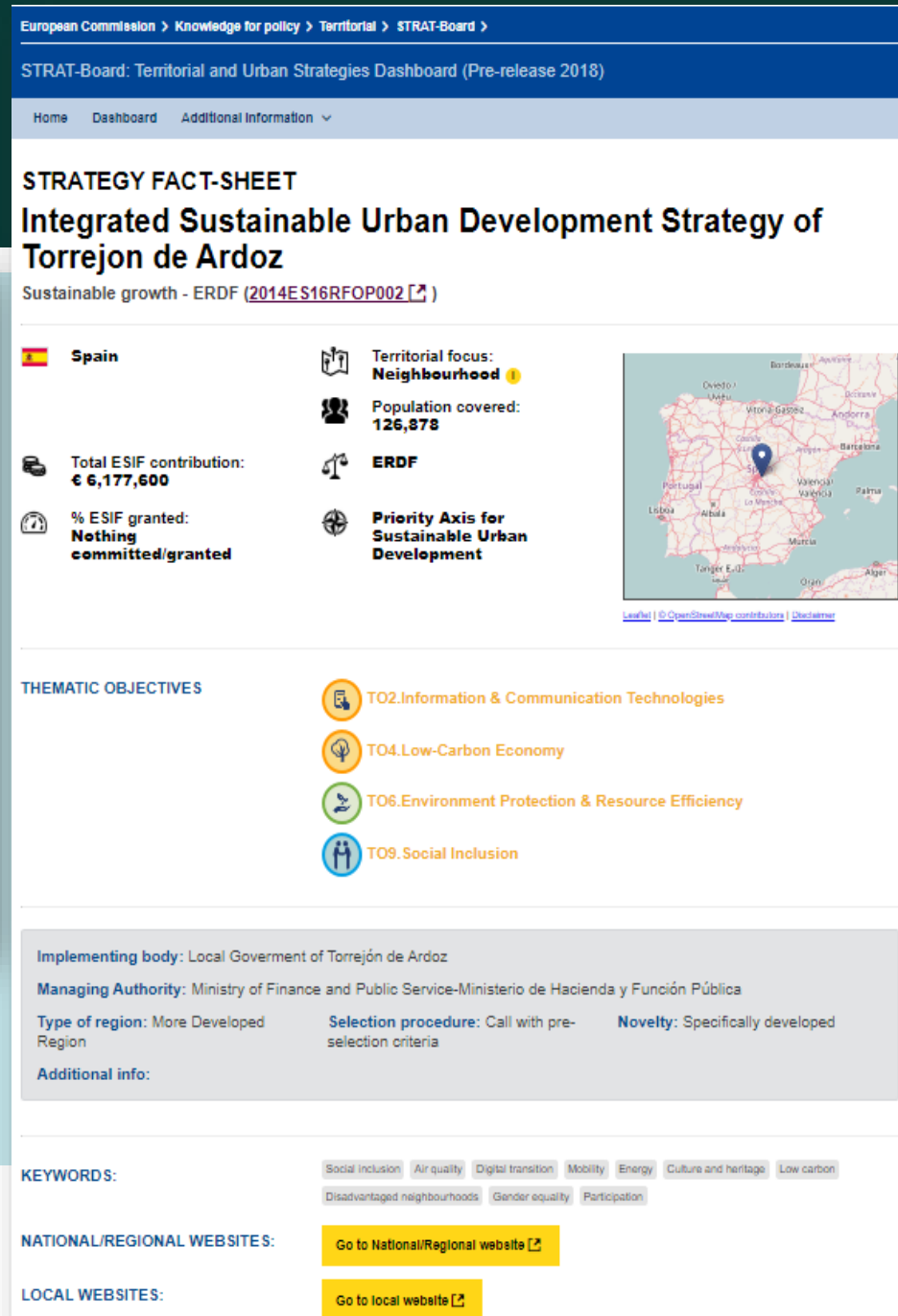


urban.jrc.ec.europa.eu/strat-board

STRAT-Board



urban.jrc.ec.europa.eu/strat-board



- See distribution of strategies;
- Filter by type and location;
- Search and select;
- Additional resources and help functions.

What's next

- **European Handbook for the preparation of Voluntary Local Reviews on SDGs**
- Goal: Provide an overview of methods and data that can support the implementation and monitoring of city contribution to the 2030 Agenda
- Target audience: Local and regional authorities
- Structure – two main sections:
 - Methodological indication on how cities can integrate SDGs in their strategic activities;
 - Set of existing indicators at local level that can support the monitoring of each goal



Any questions?

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