CentrobeMAbCentrobeSTATISTICS

CentropeSTATISTICS as a Means of Cross-Border Presentation of Statistical Data

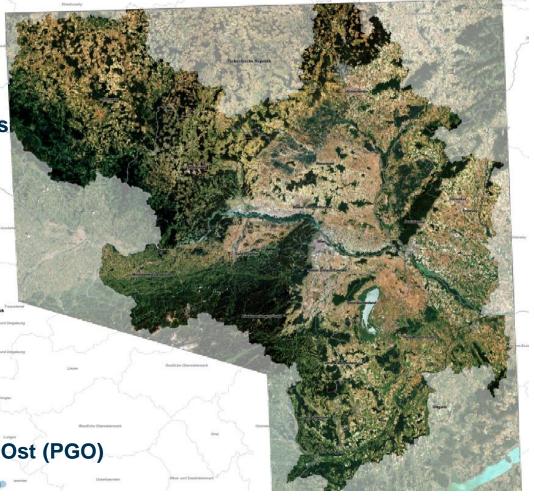
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on behalf of the **Planungsgemeinschaft Ost (PGO)** (East Austrian Planning Association)



The Centrope Region

- CentropeMAP
- CentropeSTATISTICS

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CENTROPE Partner Regions

- Czech Republic
 - Region: South Moravia
 - City: Brno
- Slovak Republic
 - Region: Bratislava, Trnava
 - Cities: Bratislava, Trnava
- Hungary
 - Region (county): Györ-Moson-Sopron, Vas
 - Cities: Györ, Sopron
- Austria
 - Region (federal states): Burgenland, Lower Austria, Vienna

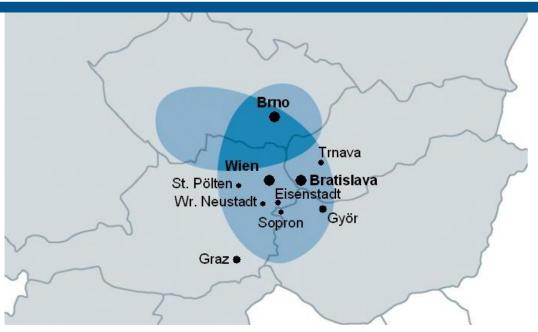
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Cities: Eisenstadt, St. Pölten, Vienna

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Interested: Wiener Neustadt







- The Centrope Region
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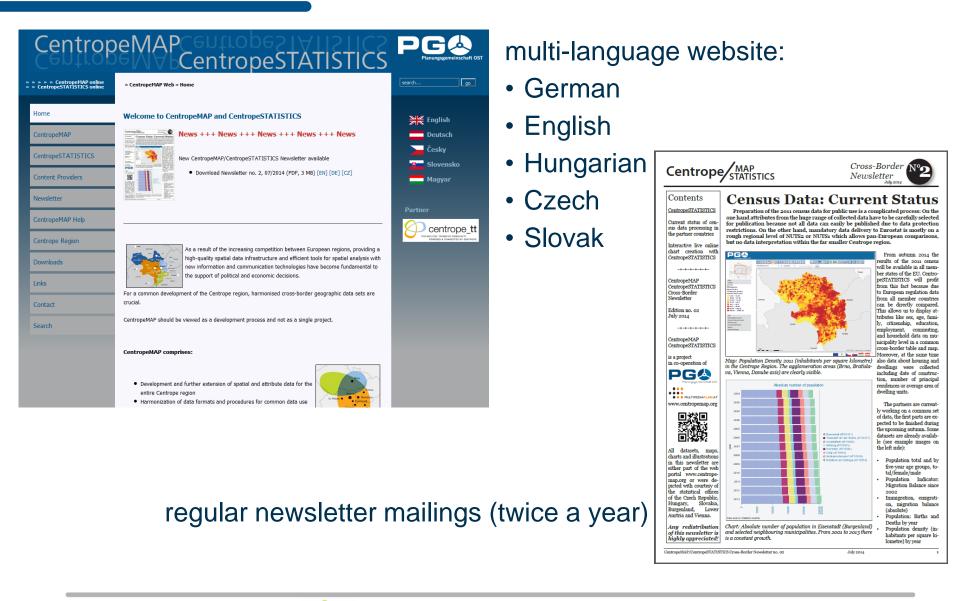
Centrope MAP Challenges

- Legal planning responsibilities on different levels
- Data responsibilities on different levels
- Administrative boundaries = data boundaries
- No "common data infrastructure" available, only "isolated applications"





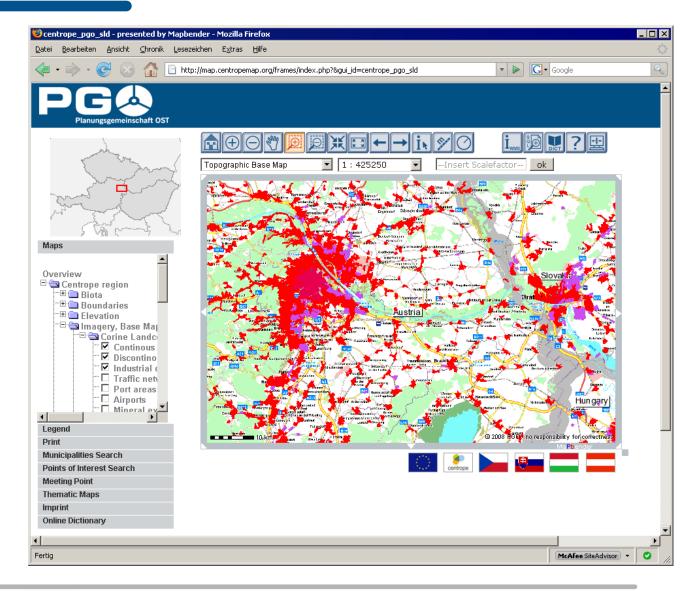
CentropeMAP Website





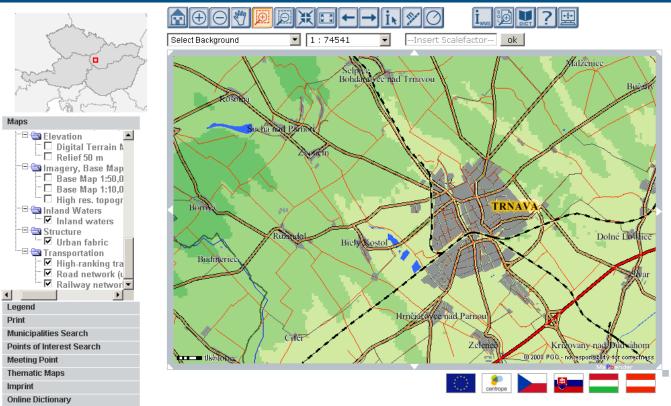
CentropeMAP Web Application

- datasets come directly from project partners
 → no redundancy, always up-to-date
- functions: Zoom, Pan, Query, Search, Tell-A-Friend, Measurement
- hundreds of layers for the whole region and sub-regions
- background maps from simplified views to high-resolution satellite images and aerial views (ortho-photos)
- map generation on the fly





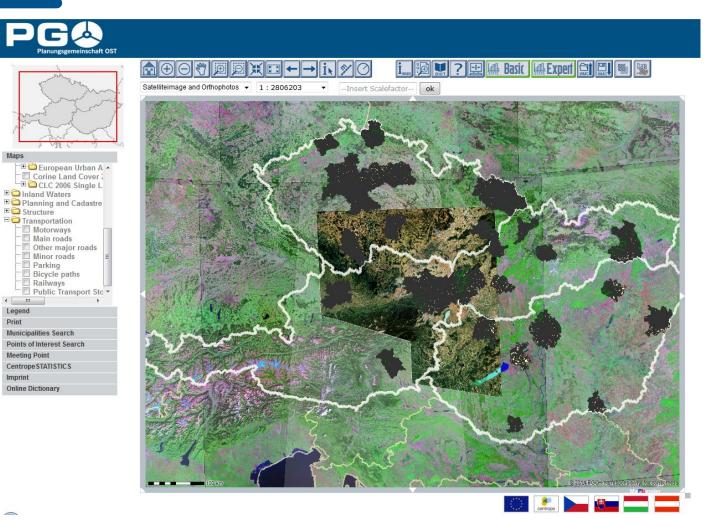
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elevation, road network, railway network, urban fabric, inland waters



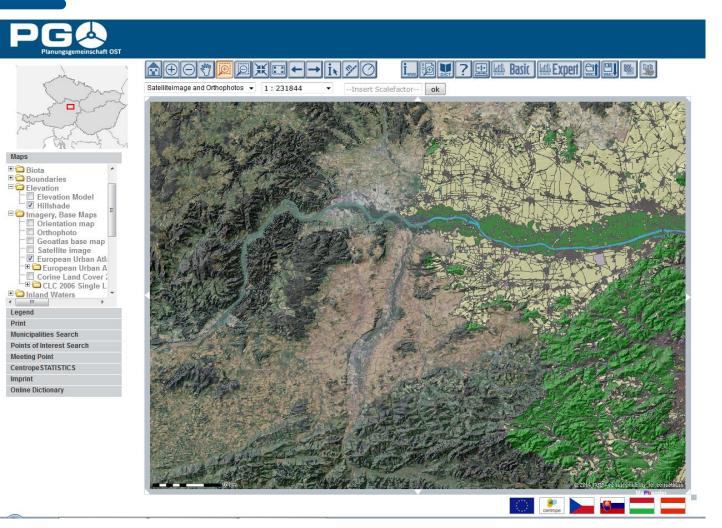




Satellite images and European Urban Atlas



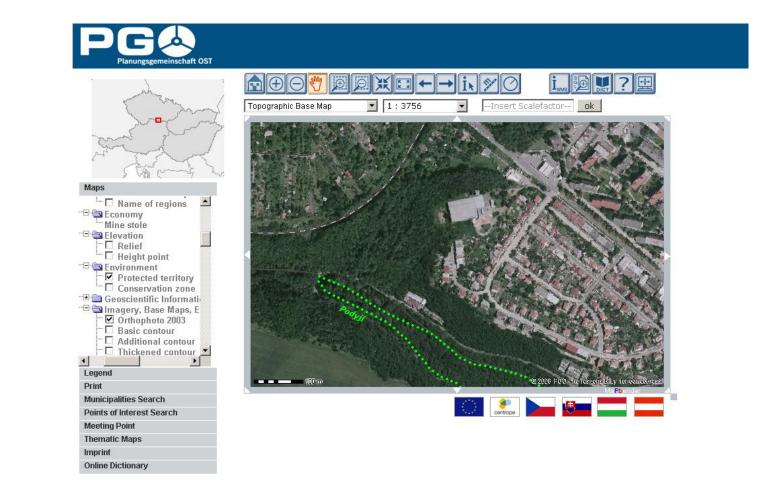




"3D view" by semi-transparent hillshade over satellite image







high resolution orthophoto, environmental protected territory (Znojmo, CZ)





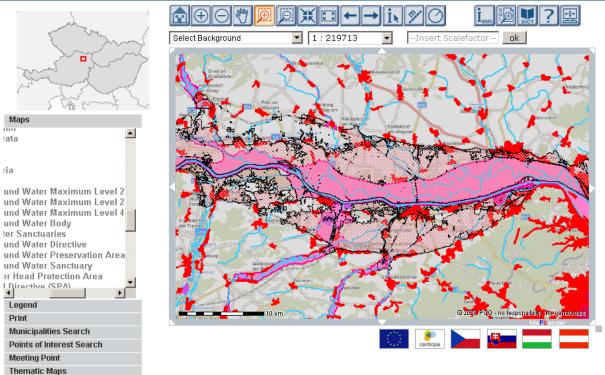
Planungsgemeinschaft OST

Maps 1011 ∣ata

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Print

Imprint **Online Dictionary**

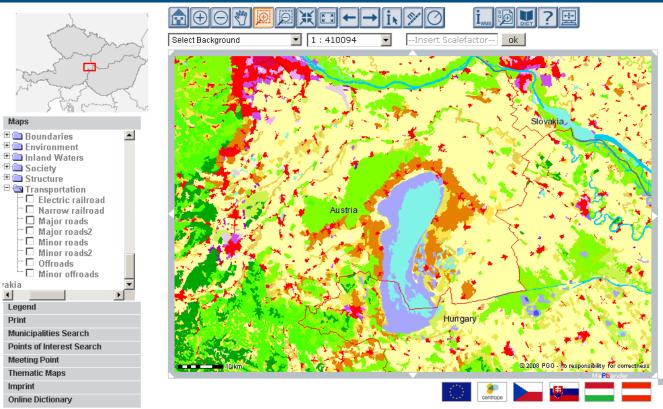


urban fabric, rivers, inundation risk areas, high ground water level (<2m) (Danube, Lower Austria)





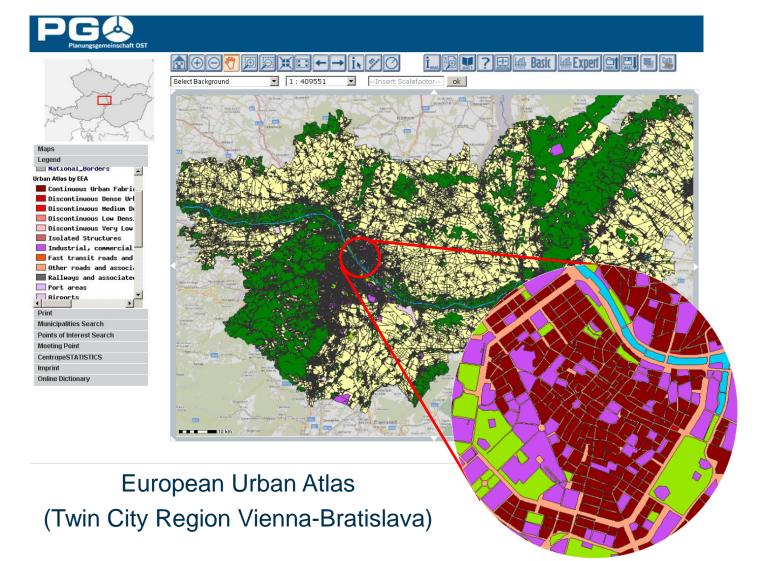
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Corine Land Cover Level 2 (Lake Neusiedl Region)



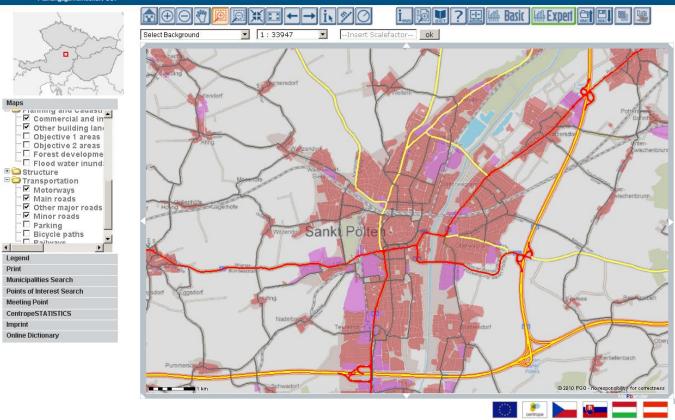








Pianungsgemeinschaft OST



Building Land (Residential/Commercial), Road Network (St. Pölten, Lower Austria)



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- CentropeSTATISTICS

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Project Partners

CentropeSTATISTICS is a cross-border database project of these co-operating statistics offices/departments in the Centrope Region

(on behalf of PGO – Planungsgemeinschaft Ost/Eastern Austrian Planning Association, and technically led by MULTIMEDIAPLAN.AT)

- Czech Republic: CZSO Czech Statistical Office Český statistický úřad (ČSÚ)
- Slovak Republic: Statistical Office of the SR Štatistický úrad Slovenskej republiky
- Hungary: HCSO Hungarian Central Statistical Office KSH Központi Statisztikai Hivatal
- Austria: Statistics Departments of the three Austrian federal states Burgenland, Lower Austria and Vienna

Workshops:

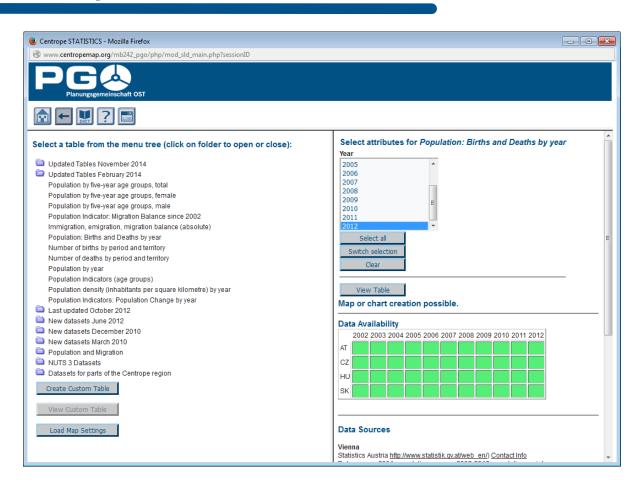
national meetings of Austrian statistician group and international workshops with partners from all countries (1-2 times a year)







CentropeSTATISTICS Overview



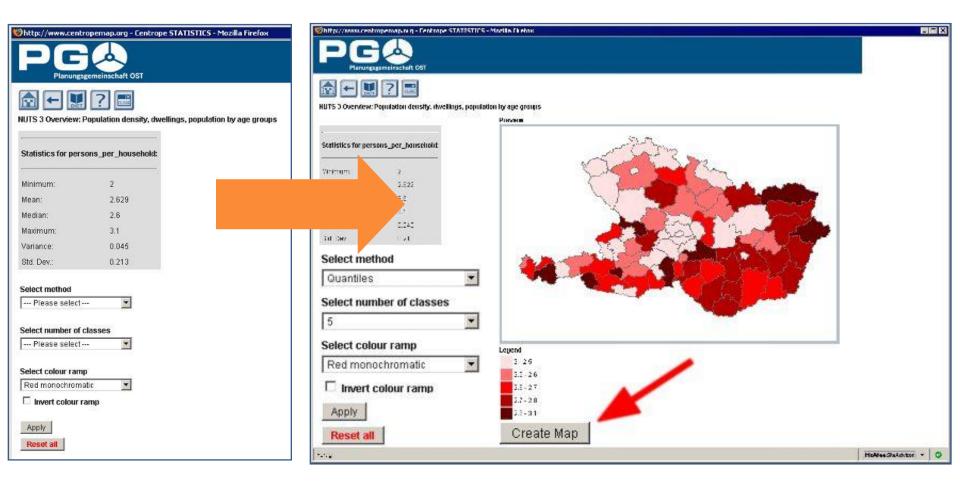
- many attributes available as time series
- map and chart creation
- user-defined settings for content and layout
- save and export data
- dynamic database queries

→ On the fly Map Generation





CentropeSTATISTICS User Interface



→ On the fly Map Generation

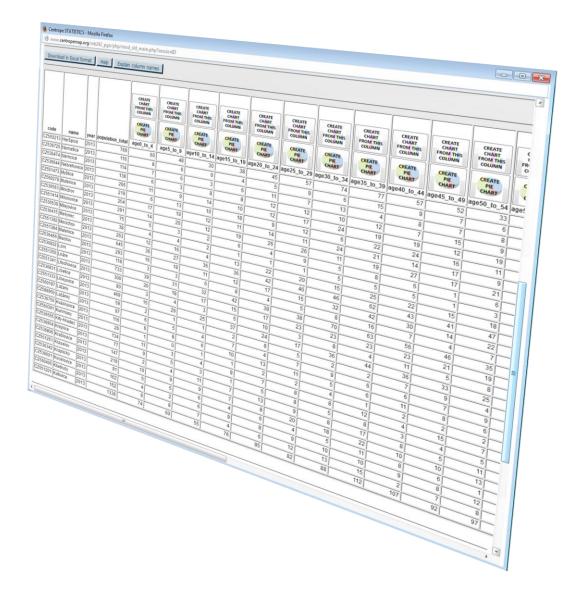




CentropeSTATISTICS Data

Annual population data

- Population by five-year age groups, total
- · Population by five-year age groups, female
- Population by five-year age groups, male
- Population Indicator: Migration Balance since 2002
- Immigration, emigration, migration balance (absolute)
- · Population: Births and Deaths by year
- Number of births by period and territory
- Number of deaths by period and territory
- Population by year
- Population Indicators (age groups)
- Population density (inhabitants per square kilometre) by year
- Population Indicators: Population Change by year



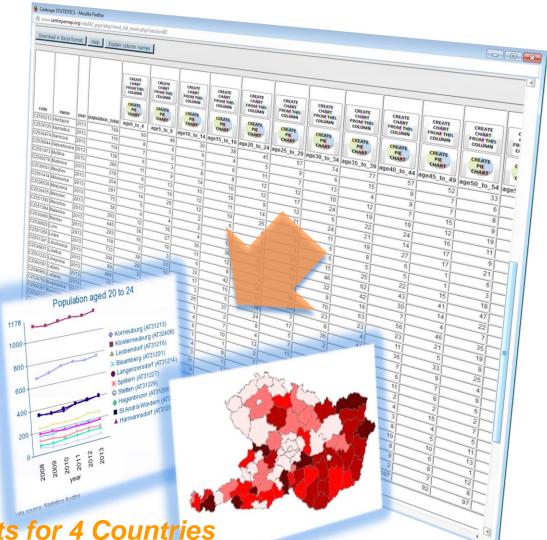




CentropeSTATISTICS Data

Census Data 2011

- · Marital status of population by year
- Education of population by municipality
- Population by economic activity and year
- Breakdown of economically active population by type of activity
- Economically active persons by NACE sector of activity
- · Commuters in and out by municipality
- Buildings per municipality by building period
- Population by Citizenship (AT, CZ, HU, SK, EU, other)
- to be continued...

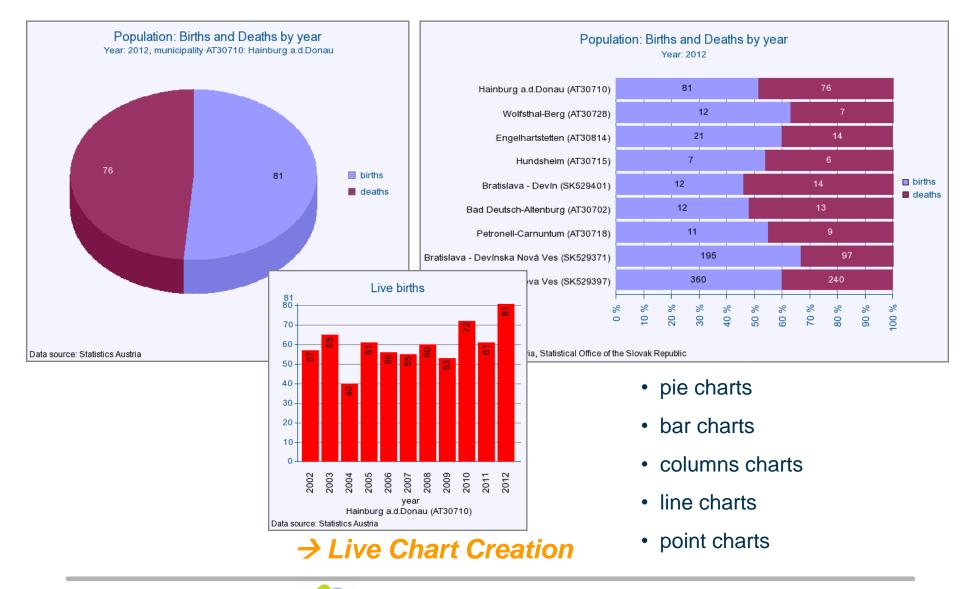


Harmonised Datasets for 4 Countries





CentropeSTATISTICS Charts





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Geodata Infrastructures are a Pan-European Matter

• **INSPIRE** – Infrastructure for Spatial Information in the European Community



The INSPIRE directive aims to create a European Union spatial data infrastructure. This will enable the sharing of environmental spatial information among public sector organisations and better facilitate public access to spatial information across Europe.

NSUI TING

- User-generated content,
 OPEN SOURCE DATA
 (Open Street Map, ...)
- Open Government Data (OGD) data released by official government offices free use for everyone with CC-BY license model



Thank you for your attention!

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www.centropemap.org