



Getting statistics and geography together

Ongoing Project – GEOSTAT 2

Marie Haldorson



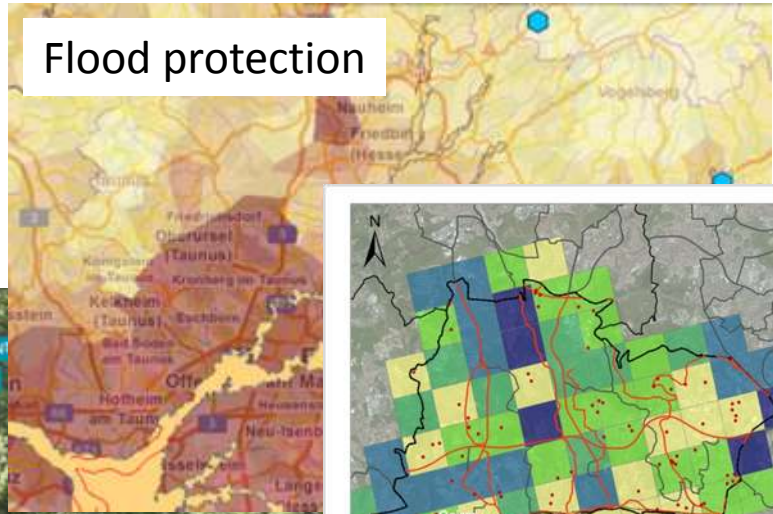


Why?

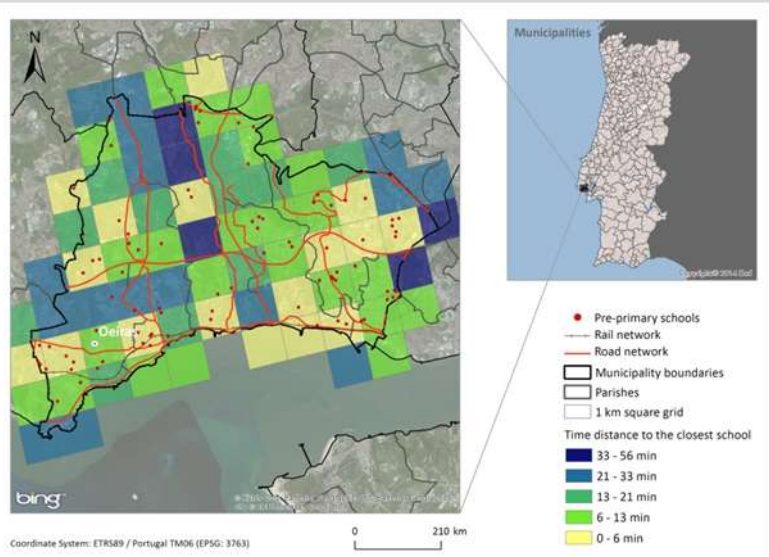
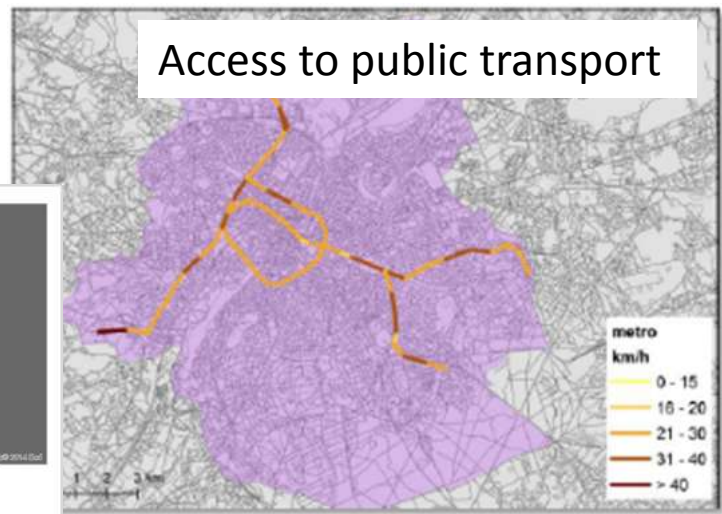
To foster a **better integration of statistics and geospatial information** in order for the statistical community to provide more qualified descriptions and analyses of society and environment.



Flood protection



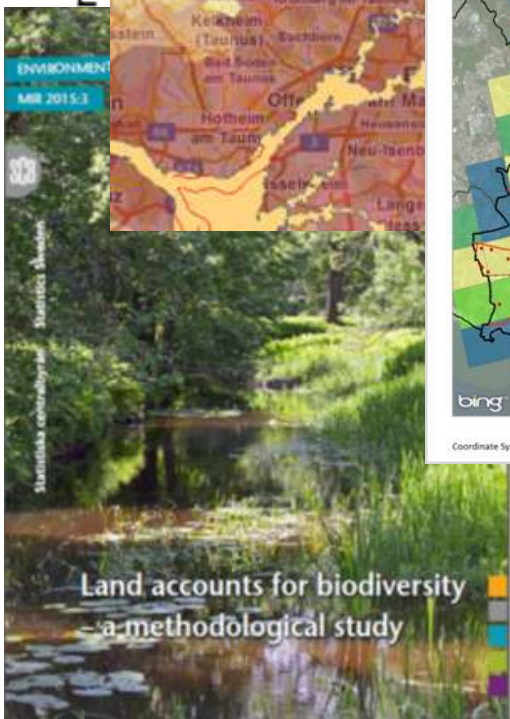
Access to public transport



Time distance to the closest pre-primary school on foot



Green infrastructure



State of play in Europe

- European Forum for Geography and Statistics
- GISCO
- GEOSTAT 1
- UN-GGIM: Europe Working Group B – Data Integration

- INSPIRE
- Use of administrative sources
- Proposal for grids in 2021 census



Contents of GEOSTAT 2

- Focus on a point based framework
- Consolidate existing knowledge
- Exchange of knowledge
- Support EFGS

Duration: Two years

Final Report: GISCO March 2017



WP1: Geospatial reference framework

- Objective: Design a generic (point based) model for national ***geospatial reference frameworks*** for statistics, building on address, buildings and/or dwelling registers
- An assessment of the current situation in the ESS
- State of progress analysis
- Discuss findings with the mapping community
- Collection of best practise
- Final proposal



Specify Needs

Design

Build

Collect

Process

Analyse

Disseminate

Evaluate

Geospatial data

1-3
Plan the process

4
Collect
geospatial
data or
other data
with spatial
information

5
Edit
geospatial
data,
create
spatiality

6
Study data
quality,
prepare
and
finalise
outputs

7
Store,
warehouse
data,
disseminate
geospatial
data
products

8
Conduct
evaluation

INTEGRATION OF
GEOSPATIAL DATA
AND STATISTICS, e.g.

Integrate
by unique
identifiers
or other
links

Make derived
classifications

Create new
information,
prepare and
finalise
outputs

Produce
WFS/WMS,
thematic maps,
tables,
graphs

Evaluate
usability

Statistics

1-3
Plan the process

4
Collect
statistical
source
data with
or without
spatiality

5
Classify,
code,
calculate
aggregates

6
Create
compilation
of statistics,
prepare and
finalise
outputs

7
Store,
warehouse
data,
disseminate
spatial
statistics

8
Conduct
evaluation

WP2: "Wiki"

- Objective: Create an ***information base*** for spatial statistics - an attractive and user friendly Wiki solution
- Searching and harvesting existing relevant information
- Choosing and adapting a suitable "Wiki" solution
- Selecting and organizing information to be presented



WP3: EFGS Website

- Objective: To ***maintain*** and ***improve*** the EFGS web facilities
- Strongly integrated with WP2!
- To support the EFGS conferences in 2015 and 2016
- To publish news from project and members of EFGS



EFGS Website: Proposal

- News and events
- **Spatial statistics explained** (= “Wiki”)
 - For general public
 - For more advanced users
- EFGS Conference
- Data access (planned, not part of GEOSTAT2)
- About EFGS
- Site Map



WP4: Networking

- Objective: To sustain and enlarge a **network** of professionals working in cooperation with key user communities and other initiatives (UN-GGIM Europe etc)
- The annual EFGS conference (2015 and 2016)
- Encourage non-participating countries to become involved, benefit from experiences and adopt the results



EFGS Vienna

10-12 November 2015



© WienTourismus/Christian Stemper

EUROPEAN FORUM FOR
GEOGRAPHY AND STATISTICS



SCB

Statistiska centralbyrån Statistics Sweden





Statistics Sweden

Statistiska centralbyrån

The Project team

SE: Project co-ordinator,
Leader WP1

FI: Particip. WP1 and WP2

NO: Leader WP2 and WP3

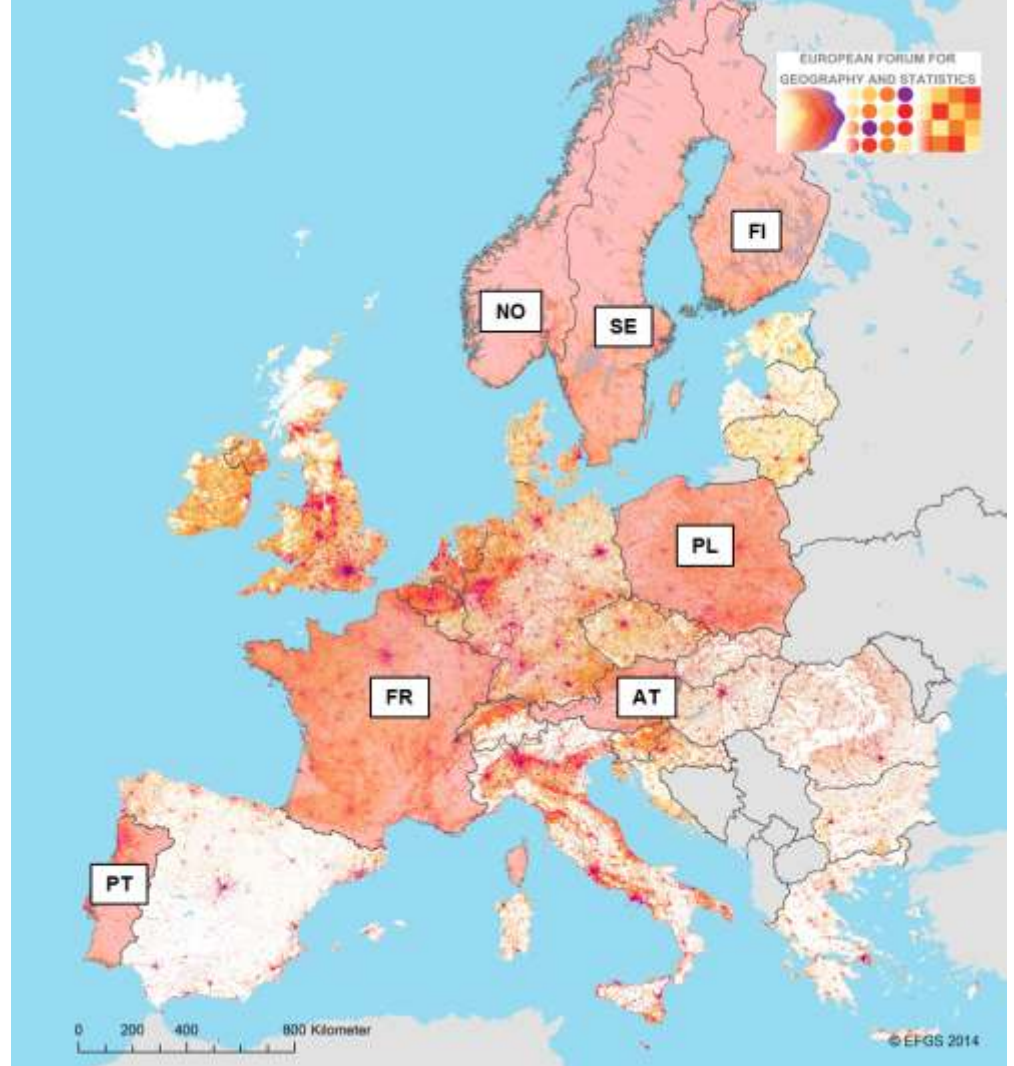
PL: Particip. WP1, WP2 and WP3

FR: Leader WP4, particip WP1

AT: Leader WP4, particip WP1

PT: Particip WP1

EFGS!



Project Communication

- EFGS web
- Geospatial World Forum 2015 = NOW!
- UN-GGIM Europe working group B
- EFGS conferences
- GISCO meetings



Don't ask what GEOSTAT can do for you – but what you can do for GEOSTAT!

Answer the coming survey!

Provide papers for the conferences!

Give us feedback and provide ideas!

