



# Essnet GEOSTAT 1A

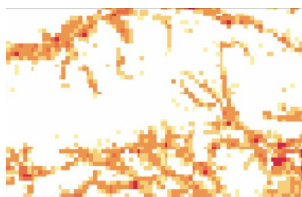
## Geostat 1 A project – Representing Census data in a European population grid

The Geostat 1 A project goals are to develop the guidelines for datasets and methods to link 2010/11 Population and Housing Census results to a common harmonised grid. Harmonized gridded population datasets should serve as a

foundation for multipurpose spatial analysis in cross border situations and at the same time support any policy or decision making process in sustainable development, environmental or infrastructure planning or business in many economic sectors. A harmonized gridded dataset, showing the spatial distribution of the European population on one km<sup>2</sup> grids, promises to be an invaluable foundation and model for the type of integrated statistical datasets required for interdisciplinary spatial analysis.

ritrhythms and aggregation methods. Additionally, the aim is to visualise harmonised European population grid data and demonstrate usage of grid data in spatial analysis.

### Gridded population



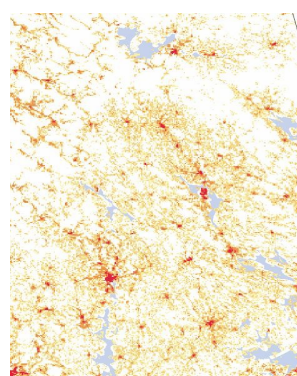
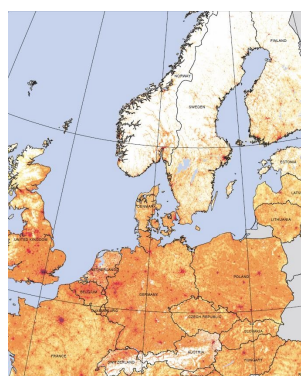
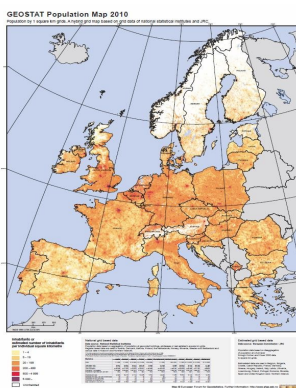
WP 1 – **Collection of User Needs.** The main emphasis will be put on analysing the real user needs in order to provide technically sound data specification for a harmonised transnational grid, integrating population statistics variables across national borders in Europe.

WP 2 – **Geostatistics** is to improve the overall scope and quality of the existing "ESSgrid" effort to map the European population on one km<sup>2</sup> grids. This work package will describe and test disaggregation algo-

WP 3 – **Infrastructure** is dedicated to the development of the spatial data infrastructures for dissemination of grid statistics of total population by grids. This WP produces a sound description of the necessities for a working infrastructure for the integration of geography and statistics.

WP 4 – **Dissemination, Distribution and Exploitation** aim is to transfer knowledge and results gained during the GEOSTAT 1 A project to the NSI-s and to a wider audience. Project is mainly financed by EUROSTAT.

## EFGS Population Grid Map

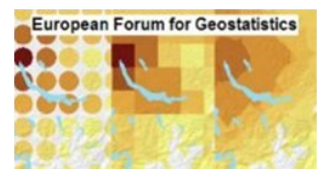


## GEOSTAT 1 A project consortium

**Coordinator:**  
Statistics Norway

**Co - Partners:**  
Statistics Austria  
Statistics Estonia  
Statistics Finland  
Statistics France  
Statistics Netherlands  
Statistics Poland  
Statistics Portugal  
Statistics Slovenia

**Subcontractor:**  
MD Mapping



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