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**The past and the present:  
General Overview  
of  
EFGS and ESSnet GEOSTAT project**

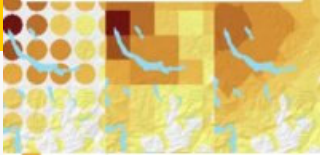
EFGS 2010 conference  
Tallinn, Estonia, 5-7th of October

Vilni Verner Holst Bloch  
Coordinator of ESSnet GEOSTAT project  
President of European Forum for Geostatistics  
[vvh@ssb.no](mailto:vvh@ssb.no)



# Introduction to EFGS

- Background in meeting in 1998
- Voluntary cooperation between NSIs on geostatistics
- Since 2000 annual meetings
- 2010 start of ESSnet project GEOSTAT
- CES meeting in Paris 8th of June 2010
- EFGS conference 2010 in Tallinn
- EFGS conference 2011 in Lisboa
- Formalisation of EFGS in 2012
- A global forum for geostatistics?



# European Statistical System (ESS) and users

## EFGS members

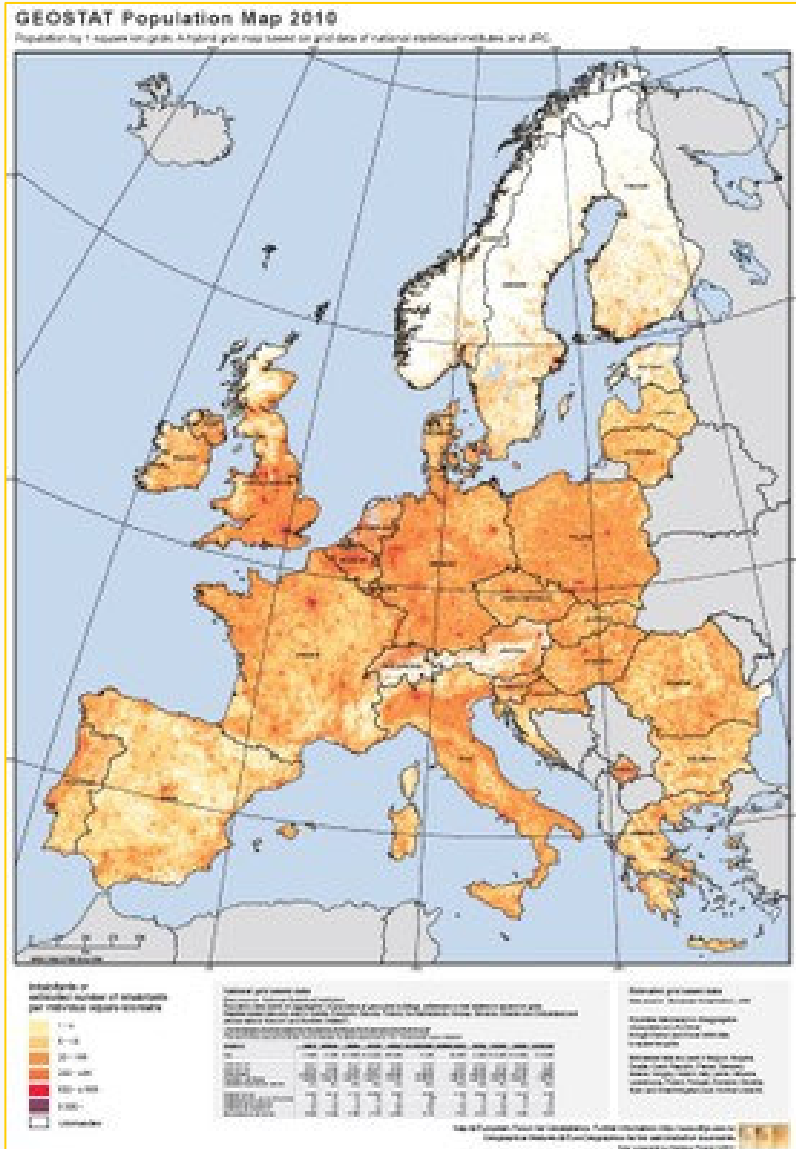
### GEOSTAT / EFGS Steering Committee

 Austria
 Estonia
 Finland
 France
 Netherlands
 Norway
 Poland
 Portugal
 Slovenia

 Belgium
 Croatia
 Czech Republic
 Denmark
 Germany
 Hungary
 Iceland
 Ireland
 Italy
 Latvia
 Liechtenstein
 Lithuania
 Romania
 Slovakia
 Spain
 Sweden
 Switzerland
 Turkey
 United Kingdom

 Albania
 Andorra
 Belarus
 Belgium
 Bosnia Herzegovina
 Bulgaria
 Cyprus
 Czech Republic
 Greece
 Liechtenstein
 Luxembourg
 Rep. Macedonia
 Malta
 Moldova
 Monaco
 Montenegro
 Russia
 San Marino
 Serbia
 Ukraine
 Vatican City

# The GEOSTAT project



*Dissemination of results from 2010/2011 censuses*

Representing Census data in a European population grid



## Introduction to GEOSTAT project

- The GEOSTAT action is about **developing guidelines for datasets and methods** to link **census 2010/2011** statistics to a common harmonised grid (Jan 2010 – Dec 2011).
- **Building on the network** and work made by partners in the **European Forum for GeoStatistics** (EFGS, [www.efgs.info](http://www.efgs.info)), the main objective is to make guidelines for others to follow for making gridded population statistics.
- Actions will be taken to **change the EFGS organisation**, to strengthen the capabilities to common works related to national and international geostatistics.



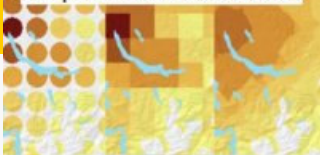
# Introduction to GEOSTAT project

## WPs, tasks and involvement

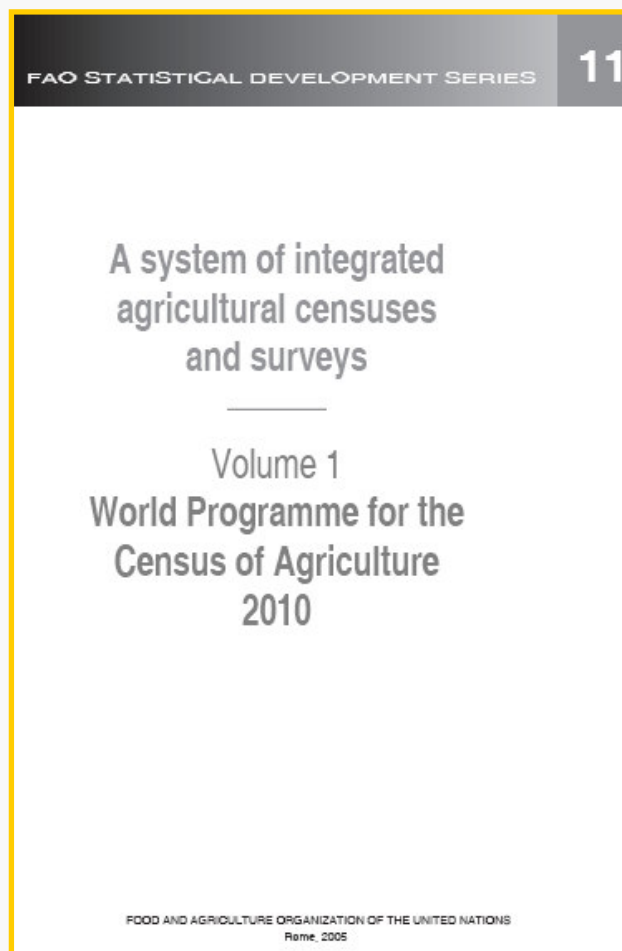
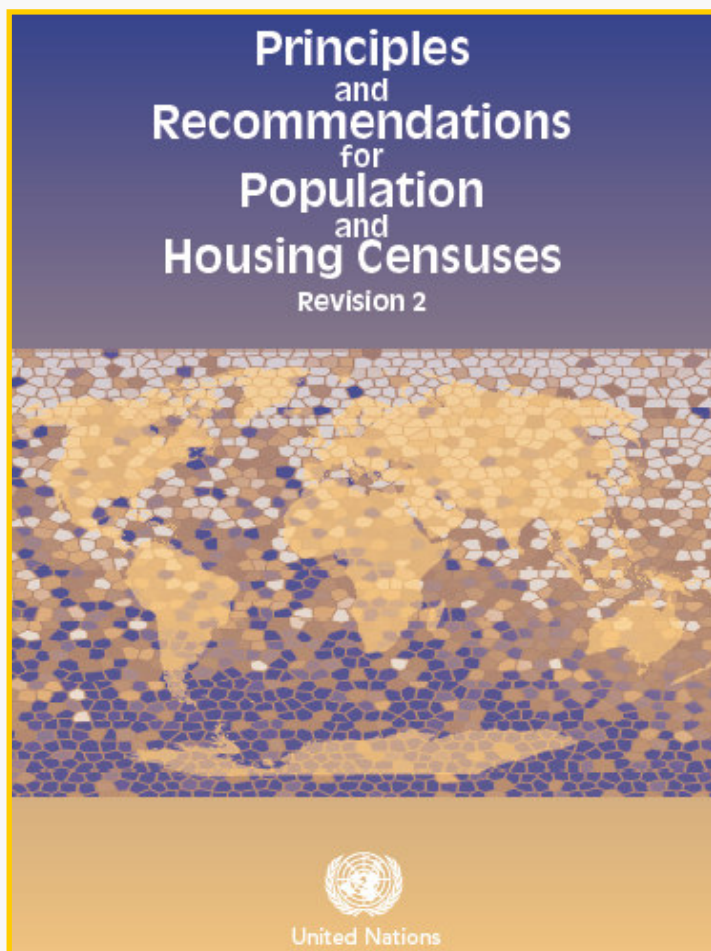
					NO	AT	EE	FI	FR	NL	PL	PT	SL	MD
WP <sub>0</sub>	Management	NO	Management	0.1.	NO									
			Dissemination towards ESS	0.2	NO									
WP <sub>1</sub>	User needs	AT	<u>Technical Specifications</u>	1.1.		AT	EE						SL	
			<u>Vision</u>	1.2.		AT	EE						SL	MD
WP <sub>2</sub>	Geostatistics	FI	<u>"Top-down" dataset</u>	2.1.				FI	FR		PL	PT		MD
			<u>"Bottom-up" dataset</u>	2.2.	NO	AT					PL			MD
			<u>"Integrated" dataset (Maps)</u>	2.3.	NO	AT	EE	FI	FR	NL	PL	PT	SL	
WP <sub>3</sub>	Infrastructures	NL	<u>Geostat portal</u>	3.1.	NO					NL				MD
			<u>Metadata and data exchange</u>	3.2.						NL		PT		MD
			<u>Webb Statistical services</u>	3.3.						NL		PT		
WP <sub>4</sub>	Evaluation, dissemination and exploitation	NO	<u>Dissemination</u>	4.1.	NO	AT	EE	FI	FR	NL	PL	PT	SL	MD
			<u>Distribution</u>	4.2.	NO	AT	EE	FI	FR	NL	PL	PT	SL	MD
			<u>Exploitation</u>	4.3.	NO									

- Leader of WP / task
- Direct involvement
- Indirect involvement

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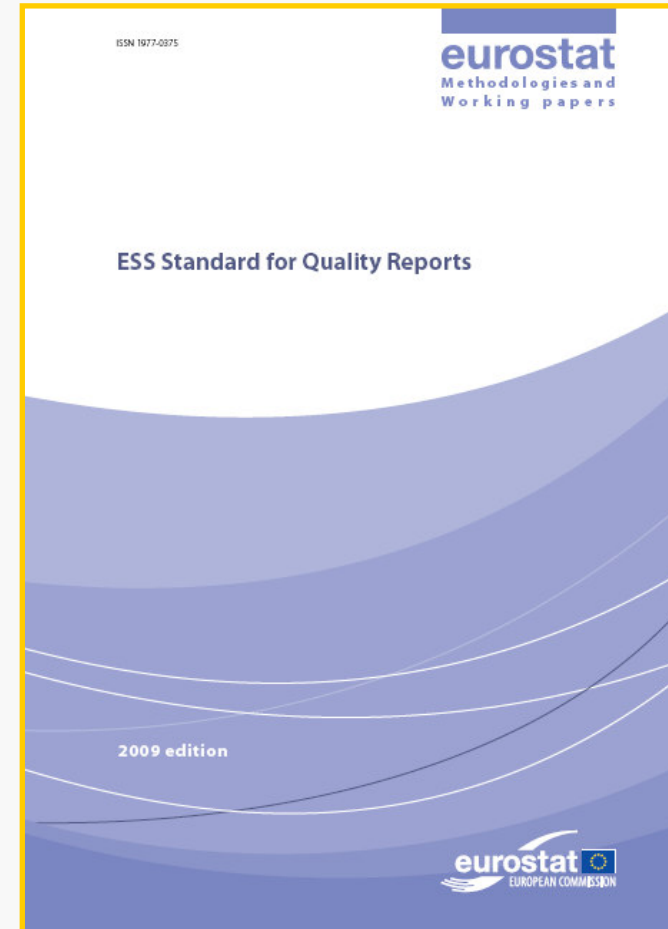
# Common principles





# Based upon user needs

- **Relevance**
- **Accuracy**
- **Timeliness and Punctuality**
- **Accessibility and Clarity**
- **Coherence and Comparability**
- **Trade-offs between Output Quality Components**
- **Assessment of User Needs and Perceptions**
- **Performance, Cost and Respondent Burden**
- **Confidentiality, Transparency and Security**
  
- **Clear Price Policy**
- **Guidelines**
  
- **Communication with users**







# Background

## Physical Features maps:

- Global coverage
- Standardised views /communication
- High resolution
- Updated when needed
- Driven by international users and producers
- Less obstacles with confidentiality
- Easier/cheaper data catchment

## Socio Economic maps:

- Large gaps in global coverage
- Few standardised views/communication (grids; cell size; datum, projection, content, metadata)
- Low resolution
- Seldom regularly updated
- Potential international users not aware of possibilities
- Obstacles with confidentiality
- Expensive data catchment

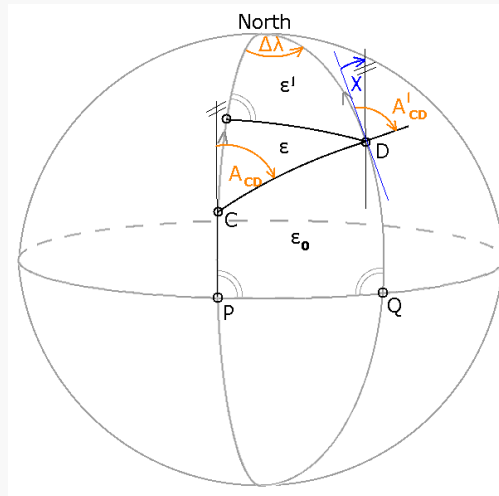


# A common global grid system?

## Grid approach

Metadata for grid:

- Datum
- Projection
- Cell sizes
- Cell ID



INSPIRE  
Infrastructure for Spatial Information in Europe  
**Thematic Working Group**  
**Population density and Statistical units**

European Forum for Geostatistics  
Reports 2010

**DRAFT towards Statistical Grids for the European Statistical System**

Documentation of ideas towards a shared system of grids for Pan-European Analysis and Visualisation of Spatial Statistics.

The European Forum for Geostatistics (EFGS)

This paper consists of preliminary notes produced by the EFGS Gridpages Taskforce. Please note that this is a very first collection of notes. They have not been edited but will be used as the seed for a future document on this topic. The contributors to this note are:

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# EFGS as a knowledge base

[www.efgs.info](http://www.efgs.info)

The screenshot shows the EFGS website interface. Red arrows originate from the URL [www.efgs.info](http://www.efgs.info) and point to various components of the site:

- Home button
- Navigation menu (Home, National contacts, GEOSTAT project, Presentations, Grid maps, Users, News, Events, Legal notice, Poll test, Survey test)
- Recent Changes section (Welcome to EFGS (SITE UNDER...))
- Main content area (Welcome to EFGS (SITE UNDER CONSTRUCTION), Welcome to the EFGS 2010 conference, Tallinn, Estonia)
- Calendar (August 2010)
- News section (Romania member of EFGS, Latvia member of EFGS, GEOSTAT at SCORUS 2010)
- Search bar (Search Site, Search)
- Site Map, Accessibility, Contact links
- User profile (Test user, Log out)

**Thank you for your attention**