



EFGS 2016

15-17th November 2016
Paris

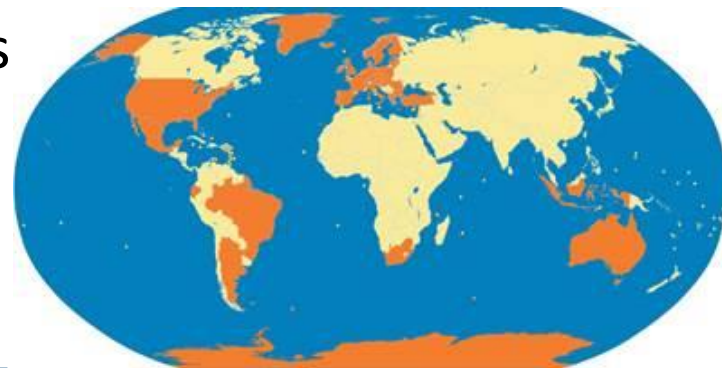
Welcome speech

Janusz Dygaszewicz
EFGS President

Programming and Coordination of Statistical Surveys Department Director
Central Statistical Office of Poland

WHAT IS THE EFGS

- ▶ Since 1998 a **network of experts** – primarily working in European National Statistical Institutes (NSI);
- ▶ Mainly GIS specialists but also statisticians, researchers and experts from mapping authorities;
- ▶ **Voluntary work** done by devoted experts with visionary ideas.



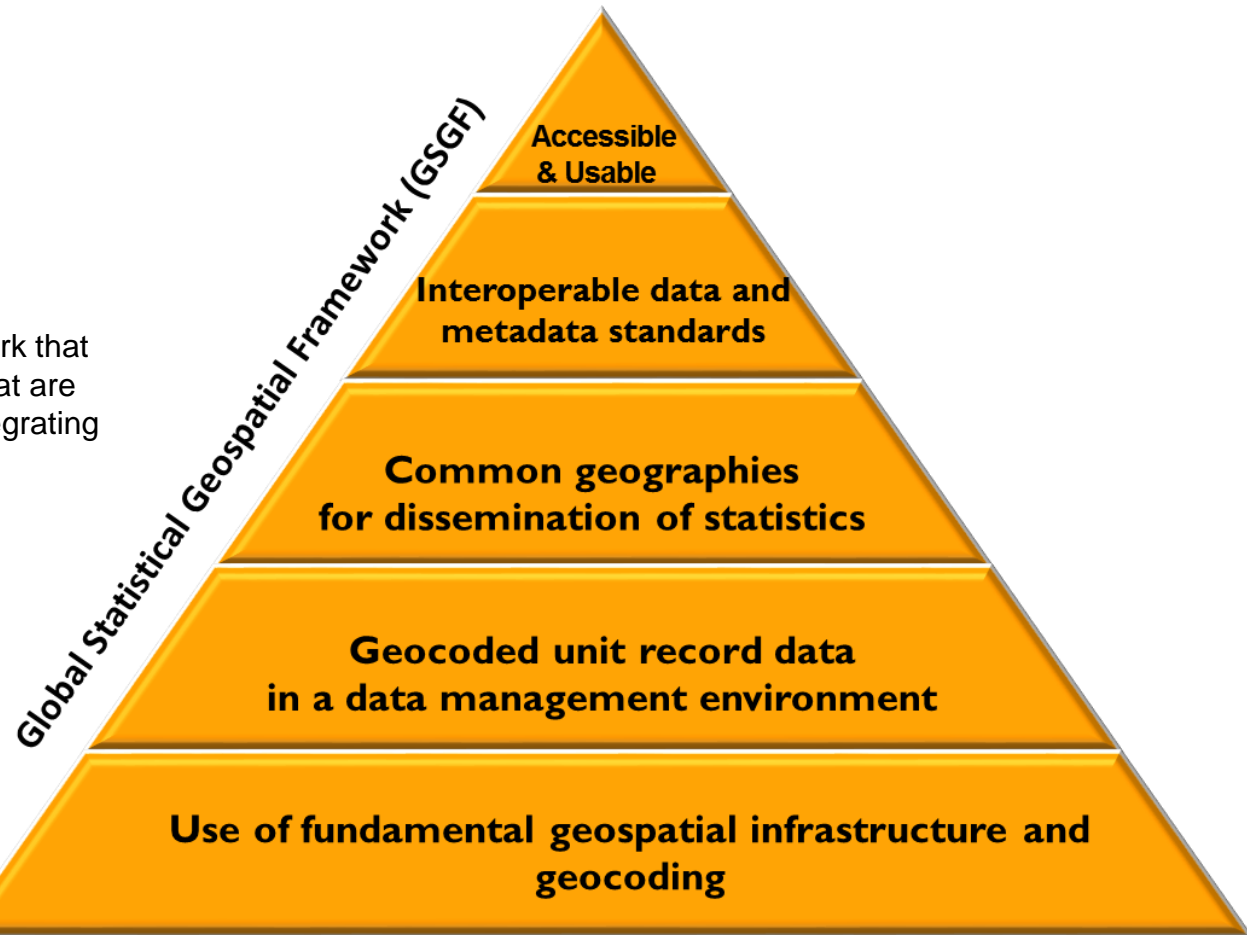
EFGS ACTIVITIES

- ▶ The main goal - to promote the **integration of statistical and geospatial information** and the use of GIS in NSIs;
- ▶ EFGS acts as a **reference group to Eurostat** and the **project group** for the GEOSTAT projects;
- ▶ **Supporting Eurostat** by participation of EFGS experts in TF and other activity on the European level on integration of statistical and geospatial information;
- ▶ In October last year we received the status of official **Observer Organization to UN-GGIM: Europe**;
- ▶ Regularly produces **strategy documents** on various aspects regarding the integration of statistical and geospatial information.

EFGS WORK PROGRAM

- ▶ Creation of a **point-based spatial reference framework** for official statistics as the base for dissemination of statistical data on grid;
- ▶ **Partnership** between NSI and NMCA's on equal terms;
- ▶ **Increase participation of NMCA's** and geospatial experts in the activities of the EFGS, e.g. in the EFGS conferences and common papers;
- ▶ A fully **geocoded** census 2021;
- ▶ A truly object oriented statistical-geospatial information system for **sustainable development goals** ranging from local to global;
- ▶ Developing five principles of the **Global Statistical Geospatial Framework**.















Five principles of the Global Statistical Geospatial Framework



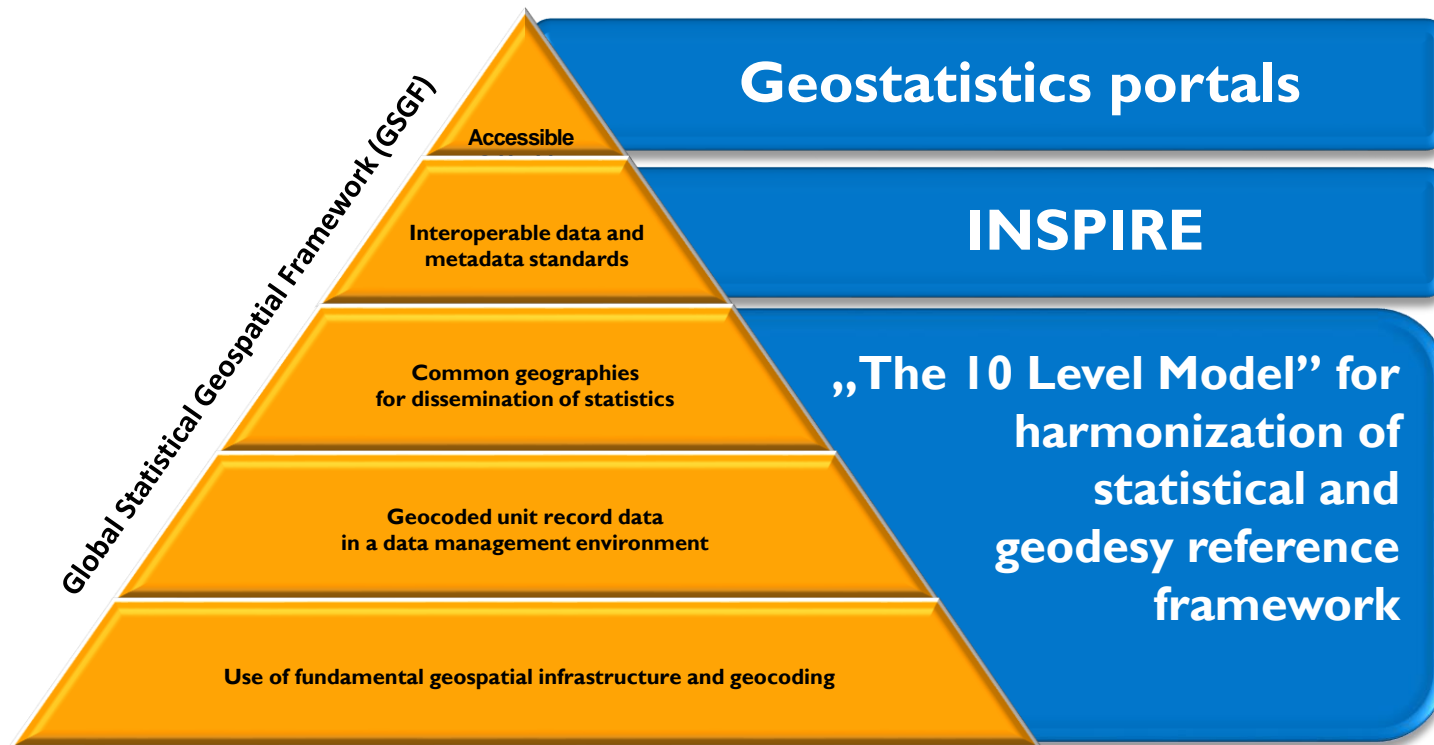
High-level, generic framework that consists of five principles that are considered essential for integrating geospatial and statistical information

The 10 Level Model

unique identifiers system

Geodetic System	Layers (suitable for geocoding)	Statistical System
+	NUTS1 - Administrative level 1	+
+	NUTS2 - Administrative level 2	+
+	NUTS3 - Administrative level 3	+
+	LAU1 - Administrative level 4	+
+	LAU2 - Administrative level 5	+
 Cadastral units  Cadastral parcels	INDIVIDUAL UNITS	 Statistical regions  Enumeration areas
+	 POLYGON	 
 	 GRID	+
+	 LINE	 
+	 POINT	+

Proposition of European application of Global Statistical Spatial Framework



Challenges

1. Harmonization statistical reference system with geodesy reference system on the base of „*The 10 Levels Model*” and **GSGF** (Global Statistical Geospatial Framework)
2. Supporting Eurostat and NSIs **for 2020 population and housing census;**
3. Strategy for **cooperation with: UN-GGIM: Europe, JRC, OGC, CIESIN** and Mapping Agencies;
4. **Introduce spatial aspects** including GRID system to **GSBPM** model for modernization of statistical production;
5. Spatial **statistical indicators** for **Sustainable Development Goals;**
6. Stable sources for **financing EFGS** conferences and website – EU grants;
7. Preparing strategy for **GFGS** as the partner of UN-GGIM;

Thank you for your attention
and welcome
to EFGS conference!

Janusz Dygaszewicz

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