

# **GEOSTAT 3 – Eurostat's expectations**

**GEOSTAT 3 kick-off meeting 15-15 February  
2017**







# How it should be

*What is written in the call for proposals = What we expect*

*AND*

*What we expect = What you offer*

*AND*

*What you offer = What you deliver*

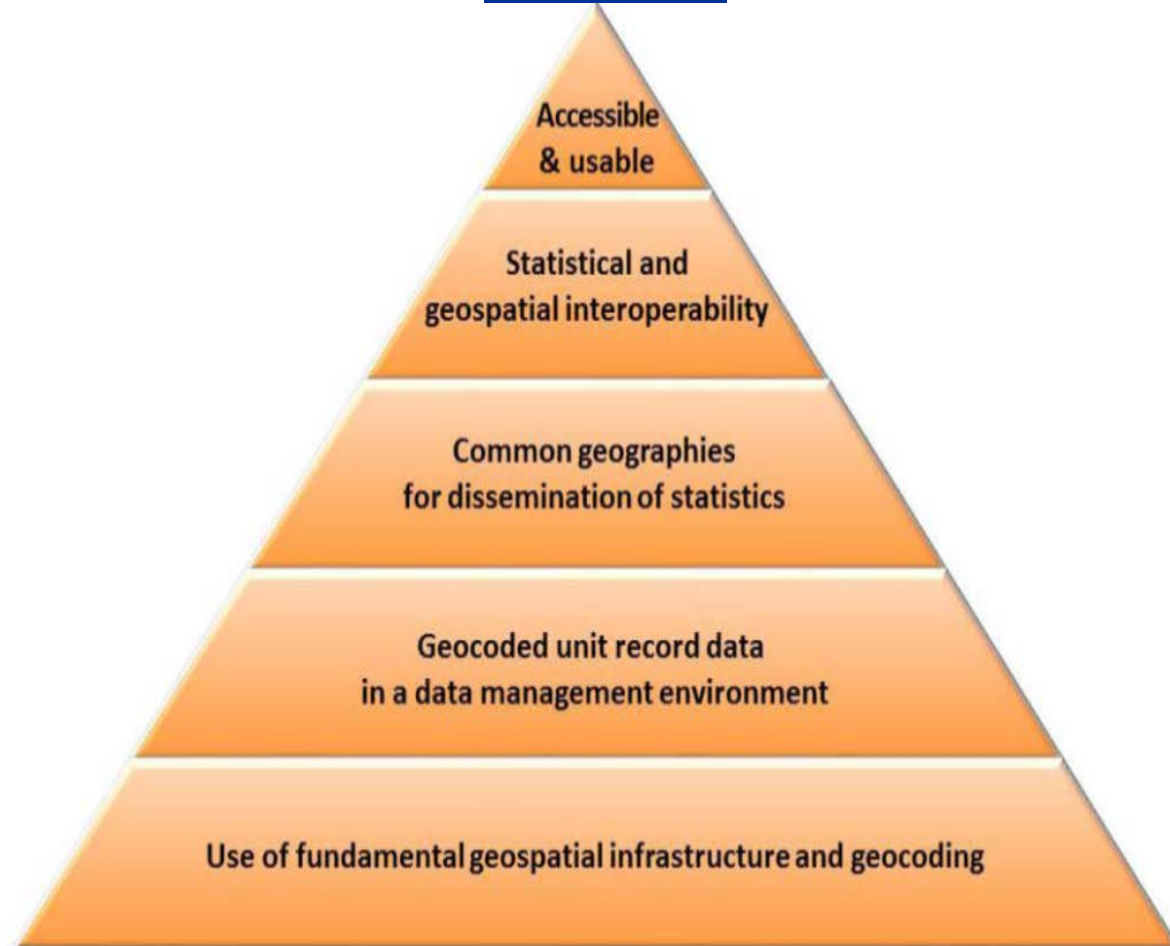




## So what's in the call?

1. *Develop an ESS-SGF*
2. *Develop recommendation on its implementations in EU member states within and outside NSIs*
3. *Test the ESS-SGF on SDG indicators and census*
4. *Capacity building, communication, networking*
5. *Outreach to the geospatial community, in particular to NMCA*





Use of fundamental geospatial infrastructure and geocoding

## *Building a European geospatial infrastructure for statistics*

- Any leftovers from GEOSTAT 2?
- How can INSPIRE be used? ELF? UN-GGIM: Core Data?
- Addresses and more? Which other national or EU wide geospatial data are needed for the complete geospatial infrastructure (e.g. OSM vs official, Copernicus)?
- Achieve a consistent perspective on national infrastructures vis-a-vis a future EU infrastructure (smooth scaling upwards);
- Develop indicators to measure progress towards national geocoding targets and geospatial infrastructures for statistics;



Geocoded unit record data  
in a data management environment

## *Harmonised set of statistical units to be geocoded for the ESS*









- **Geocoding all modes: administrative data, the censuses and surveys;**
- **Understanding better the issues with geocoding of surveys and sample design from a spatial perspective;**
- *Develop indicators for progress;*

Common geographies  
for dissemination of statistics

## Consistency between national geographies and European geographies

- Role of cadastral parcels for defining output areas (administrative and statistical) (10-level-model);
- National grid systems vs. European grid systems;
- Output geographies as linked open data;

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 level 6 (not necessary for harmonize)	 Statistical regions  Enumeration areas
+	 POLYGON level 7	?
?	 GRID level 8	+
+	 LINE level 9	?
+	 POINT level 10	+



## *Role of standards*

- What principles of the SGF should be standardised and how much (technical standardisation or business process standardisation)?
- Which standards to advocate (INSPIRE, SDMX, others);
- How to integrate existing standards into the SGF? (the SGF as a system of standards rather than a own standard);
- Cooperation with UNECE on GSBPM;



*Better understand and scope this principle by involving the users*

- **User engagement (local to European, internal and external);**
- **Cooperation with other ESS grants (ADMIN, confidentiality, Merging Statistics and Geospatial Information);**

## WP-2 - Testing the ESS-SGF

*On SDG indicators*

- **Close communication with UN-GGIM: Europe working group B;**
- **Indicators measuring accessibility or exposure are first candidates;**
- **Role of Earth observation data;**
- **Special attention to temporal aspects (data management and temporal resolution of indicators);**
- **Disaggregation to complement full geocoding?**

*Fit for an annual post 2021-census? (!ADMIN grants)*

*Testing selected standards (e.g. INSPIRE-SDMX integration);*



# Cross-cutting

- **How to cooperate with the modernisation of official statistics process?**
- **Benchmarking and national good practices are essential (e.g. geospatial data strategies Norway, Denmark, national SDG strategies)**
- **Legal and organisational aspects are essential**
  - More visibility to geospatial information management in the ESP
  - Recommendations for cooperation models between NSIs and NMCAAs (MoU)
  - Not too focused on technical aspects, organisational and cooperation aspects equally or even more important

## WP-3 – Maintaining the EFGS website

- *Maintain the position the EFGS website as the leading European/international website dealing with statistical-geospatial data integration;*
- *Use of social media?*
- *Even more story-telling and dynamic content possible?*
- *Open evaluation of the current CROS website;*

## WP-4 – EFGS conferences

- *Try and increase the policy angle;*
- *Continue efforts to involve non-NSIs and outside EU participants;*
  - **For 2017 good cooperation with Ireland;**
  - **Find a theme that appeals to externals (policy, business, research);**
  - **Organise a SCORUS session for 2017;**
  - **Enhance with seminars or trainings?**

# Project management

- *GEOSTAT 2 project management has worked very well;*
- *Very large project group!*
- *Iterations or linear approach?*
- *Cover all principles equally or give priority to some that are more relevant in Europe*
- *Coordination with UN EG ISGI*
- *Web based documentation and communication?*
- *Need for web meetings instead of tele-meetings (adobe connect)?*

# Summary

- *Flexibility in approach and scope needed;*
- *Consolidation of existing initiatives;*
- *Begin with pulling together existing good practices, avoid designing something that no one else has designed or implemented so far!*
- *Eurostat a strong partner with two persons!*