



# Overall scope

“To develop and test the European version of the Global Statistical Geospatial Framework (SGF) for the ESS, taking into account existing conditions, initiatives and European and national frameworks”





# Objectives (1)

1. Develop the European adaption of the SGF (ESS-SGF) and provide recommendations on how to implement it in EU member states within and outside NSIs
2. Test the usefulness of the ESS-SGF and its implementation on selected indicators for the UN Sustainable Goals (SDGs)
3. Support the EFGS in its networking, information sharing. Community and capacity building efforts
4. Disseminate and share the results from the GEOSTAT projects among the NSIs





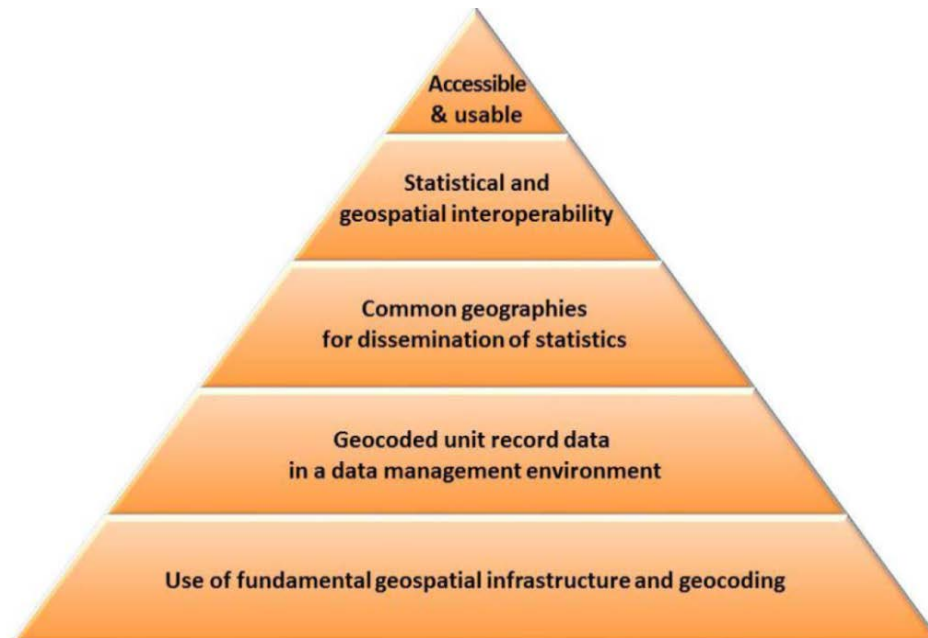
## Objectives (2)

5. Promote the application of geospatial statistics and the integration of geospatial information into the statistical production process, within the framework of the GSBPM
6. Better involve NMCAAs or other geospatial stakeholders in the charge of geocoded registers and administrative data into the network of the EFGS
7. Contribute to the work on the integration of statistics and geospatial information in the framework of UN-GGIM.



# WP-1 ESS-SGF

Develop a European Statistical Geospatial Framework (ESS-SGF). Covering the key aspects of statistical-geospatial integration for statistical purposes as set out in the global framework.





# WP-1 ESS-SGF

## **Principle1: Infrastructure for geocoding**

- Result from the GEOSTAT 2 proposal on point-based geocoding infrastructure for statistics.
- +
- Result from UN GGIM: Europe Work Group A on core data and Work Group on Data Integration.
- +
- View from NMCA:s on how to support the proposed infrastructure.

Friends: UN GGIM: Europe, EuroGeographics





# WP-1 ESS-SGF

## **Principle 2: Geocoded unit record data**

- Result from the GEOSTAT 2 proposal on point-based geocoding infrastructure for statistics.

+

- Assessment of existing data management environments in NSIs in search for best practice. Strategies for efficient maintenance of such environments.

+

- Assessment of issues related to data custodianship (administrative data). Big challenge!

Friends: ESS VIP.ADMIN and UN GGIM: Europe





# WP-1 ESS-SGF

## **Principle 3: Common geographies**

- Review how the INSPIRE SU/PD model and associated data formats relate to the SDMX standard and provide advise on how to adapt data formats to increase interoperability.
- +  
■ Global outlooks Discrete Global Grid Systems (DGGS) standard by OGC
- +  
■ European and national statistical and/or territorial geographies

Friends: OGC, EuroGeographics, UN GGIM: Europe and ONS





# WP-1 ESS-SGF

## **Principle 4: Statistical and geospatial interoperability**

- GEOSTAT 2 results on the GSBPM for process related interoperability.

+

- Review of current infrastructures for data exchange and dissemination (INSPIRE, DCAT, GeoDCAT, StatCAT, SDMX and OGC).

+

- How to link geoservices and statistical data? Test SU/PD model in a dynamic way using OGC Table Joining Services (TJS).

Friends: UNECE, OGC, EuroGeographics and UN GGIM:  
Europe







# WP-1 ESS-SGF

## **Principle 5: Accessible and usable**

- Review different platforms for dissemination of spatial statistics and to promote geographical entries to statistics in general.

+

- Show-case the potential of geospatial statistics in an open data environment.

Friends: EuroGeographics, OGC

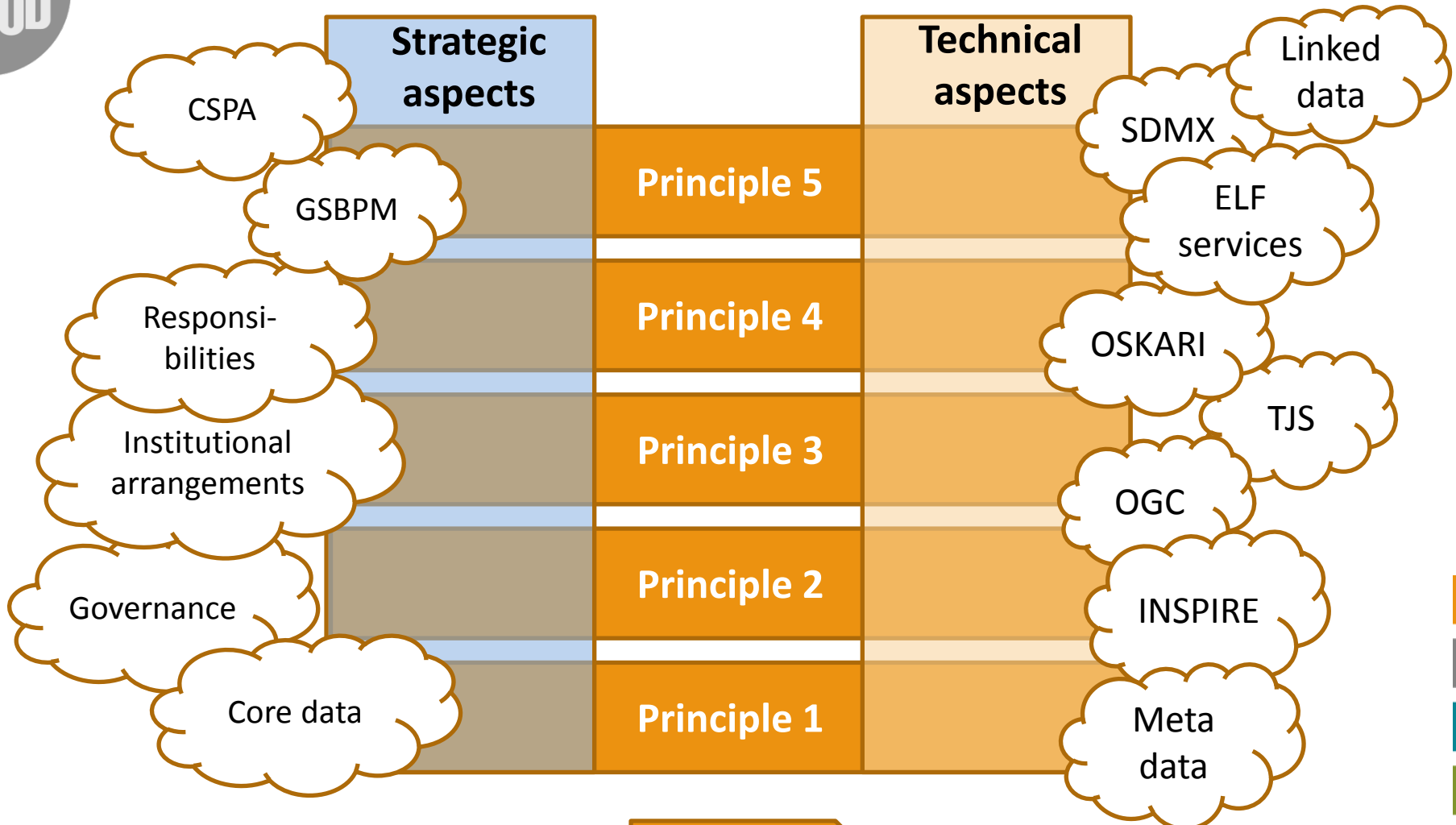




# Deliverables of WP1

- A detailed description of all the principles and elements of the ESS-SGF and the differences with the global SGF.
- Strategic and technical recommendations for the implementation of the ESS-SGF in NSIs but also, where needed and/or possible, in other public authorities concerned.





Roadmap!





# Issues to decide on

- Division of labour;
  - Two sub-groups?
- The role of the sub-contractors
- Documentation (nr of reports etc)
- Deadline for finalising the draft proposal





# WP-2 Testing the ESS-SGF

- Applying the ESS-SGF drafted in WP 1 to the indicator framework of the UN Sustainable Development Goals
- Applying the ESS-SGF to Census indicators (1 km grid)
- Implementing technical considerations made under WP 1.
- Choice of indicators to be tested!

Friends: IAEG-SDG + Working Group on geospatial information





# Deliverables of WP2

- Documentation of the test and conclusions regarding the applicability of the ESS-SGF and technical prerequisites for a pan-European implementation of the SGF.





# Issues to decide on

- Approach of the test
- The process of selecting indicators
- When to start WP2
- Role of the sub-contractors





# WP-3 Maintaining the EFGS website

- Host, maintain and improve the EFGS website.
- Regularly provide content and update the website
- Provide editorial resources to actively harvest and publish best practice, news and interesting cases
- Regularly inform the EFGS steering committee about the content and performance of the website.
- Feasibility study on migration of the EFGS website to the CROS portal, thereby preserving the EFGS branding and the features of the current EFGS website.







# Deliverables of WP3

- A continuously updated and maintained EFGS website.
- A short report, presenting the results from the feasibility study on the possibility to migrate the EFGS website into the CROS portal.





# Issues to decide on

- How to practically ensure input for the web
- Editorial resources
- Do we foresee needs for major changes?
- When and how to conduct the (small) feasibility study? (input from EFGS is needed)





# WP-4 Organisation of EFGS conferences/deliverables

- Operational support to Statistics Ireland in organising the EFGS 2017 conference in Ireland.
- Organisation and conduction of the EFGS 2018 conference in Finland.
- Summary report 2018 (2017 will be provided by Statistics Ireland outside project)

Friends: Statistics Ireland, GGIM: Europe





# Issues to decide on

- Cooperation with Statistics Ireland regarding the EFGS 2017 conference





# WP-5 Exploitation, distribution and dissemination

- Encourage non-participating countries, organisations and experts to become involved, benefit from the experiences gained and adopt the results of the project.
- Dissemination focus on GISCO, EFGS, NTTS conference in 2017 and the INSPIRE conferences in 2017/18.
- UN-GGIM: Europe and EuroGeographics plenaries?
- Assessment of relevant forums for discussions and dissemination of results
- A continuously updated plan for dissemination activities

Friends: GGIM: Europe, EuroGeographics





# Deliverables of WP5

- Presentation of the aim of the project and scope of the action to the GISCO working group in March 2017.
- Special session at the EFGS 2017 on the ESS-SGF + indicators for its testing.
- Presentation of the interim results and draft ESS-SGF to the GISCO working group meeting in 2018.
- A follow-up session at the EFGS 2018 conference on the draft ESS-SGF
- Presentation of the final results to the GISCO working group meeting in 2019.
- Regular updates on the EFGS website
- Production of promotion material to be available on the EFGS website.





# Issues to decide on

- Where do we need to be represented (except from the forums already agreed on)?
- Promotion materials?





# Generic issues to decide on

- Frequency, length and shape of meetings
- Communication with Eurostat (in particular on budgetary topics)
- Eurostat roles and need for Eurostat involvement





# WP1 – workflow

- Interpretation and precision of the SGF principles and map existing work and initiatives (INSPIRE, GEOSTAT, GGIM: Europe)



- "Inventory of possible European and national practise" (Selective, not a full survey like the GEOSTAT 2 survey). Project countries + additional countries.

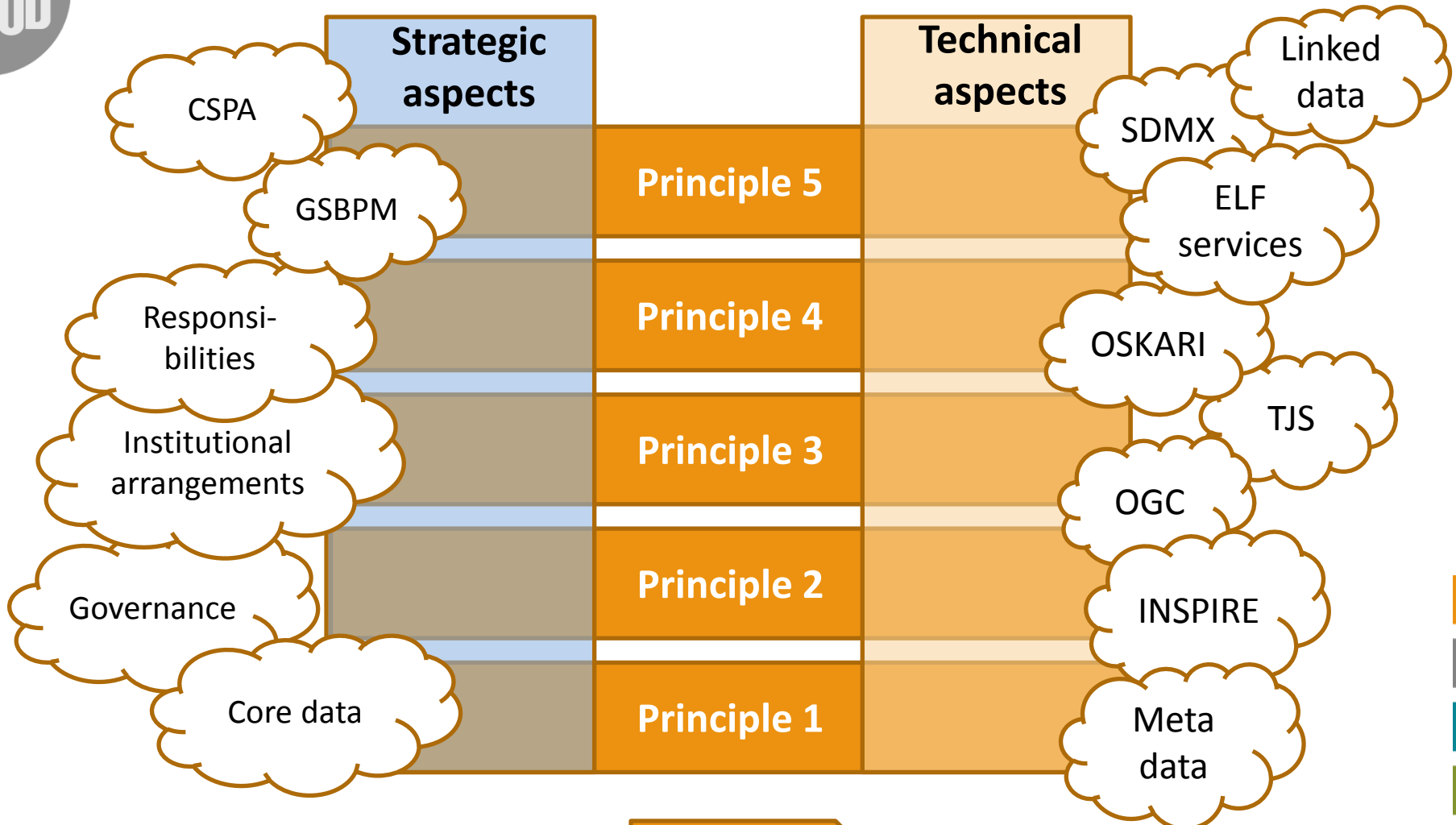


- Frameworks for integration of statistical and geospatial metadata standards. Review independent from principles



Draft framework





Roadmap!



