

# GEOSTAT 4

## Compilation of the completed GSGF Europe

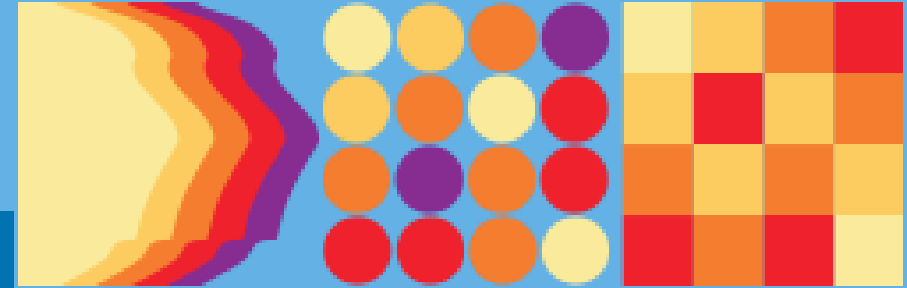
Rina Tammisto

WG on Integration of Statistical and Geospatial Information  
(GISCO WG)  
26-27 March 2020

eurostat 

# Content

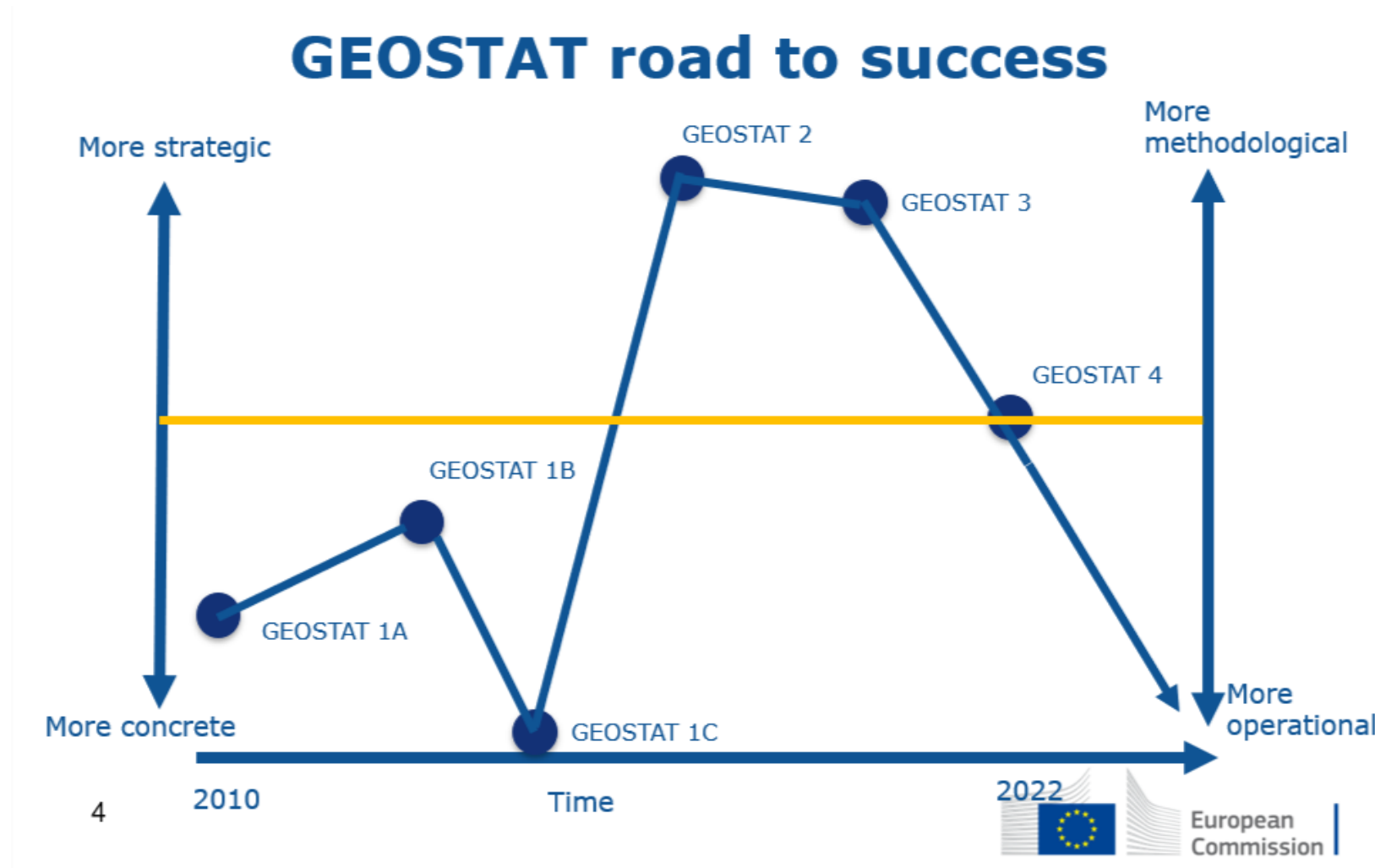
- GEOSTAT 4 project
- Compilation of the GSGF Europe
- Project's stakeholders
- Community efforts



# GEOSTAT 4 project

eurostat 

# GEOSTAT project family since 2010 1/3



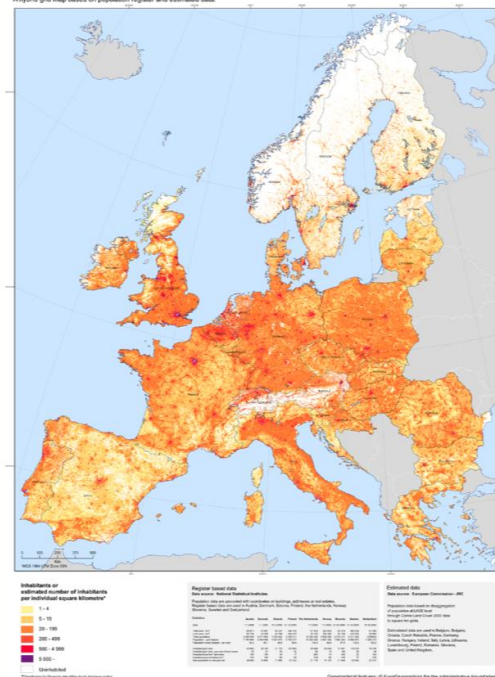
# GEOSTAT 4 – Eurostat's expectations

- The last GEOSTAT action
  - Joint efforts of over 10 years
  - GEOSTAT 4 starts the implementation period
  - Built-in the current work as a reflection on actions beyond GEOSTAT
- Spring 2022
  - GSGF Europe, methodology publication, business cases, quality checklist, EFGS website, ...

# GEOSTAT project family since 2010 2/3

## Pre-GEOSTAT era

Population by 1 square km grids  
A hybrid grid map based on population register and estimated data.



## GEOSTAT 1

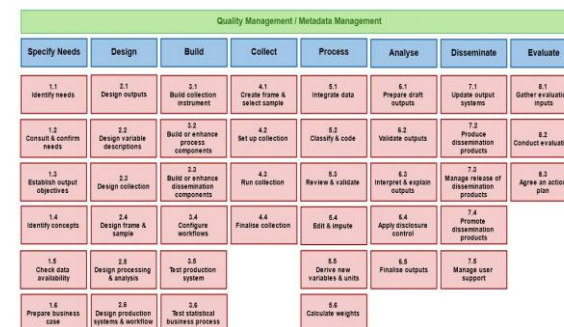
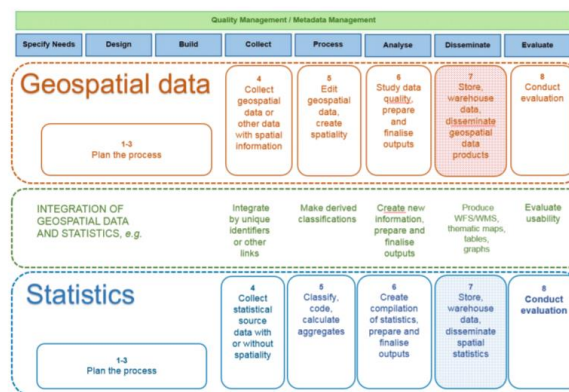
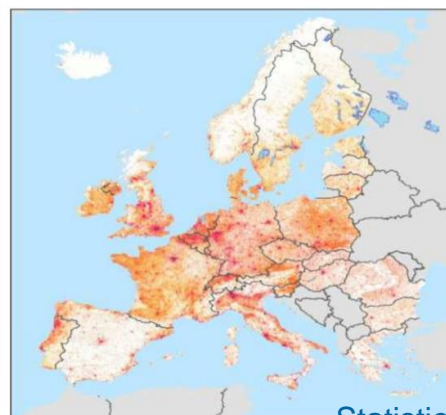
Population Grid Data  
and production methods

**2010 - 2014 GEOSTAT 1 -**  
EU-wide population grid (completed)

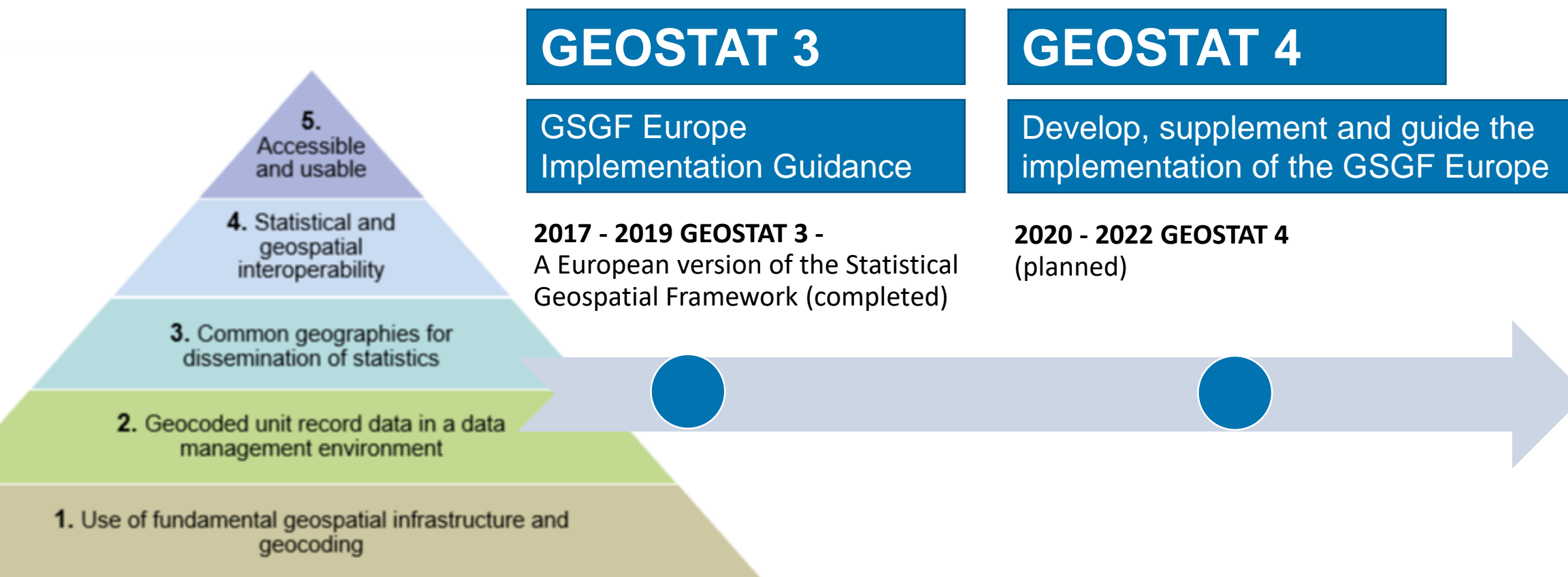
## GEOSTAT 2

Point-based infrastructure  
& GSBPM tests

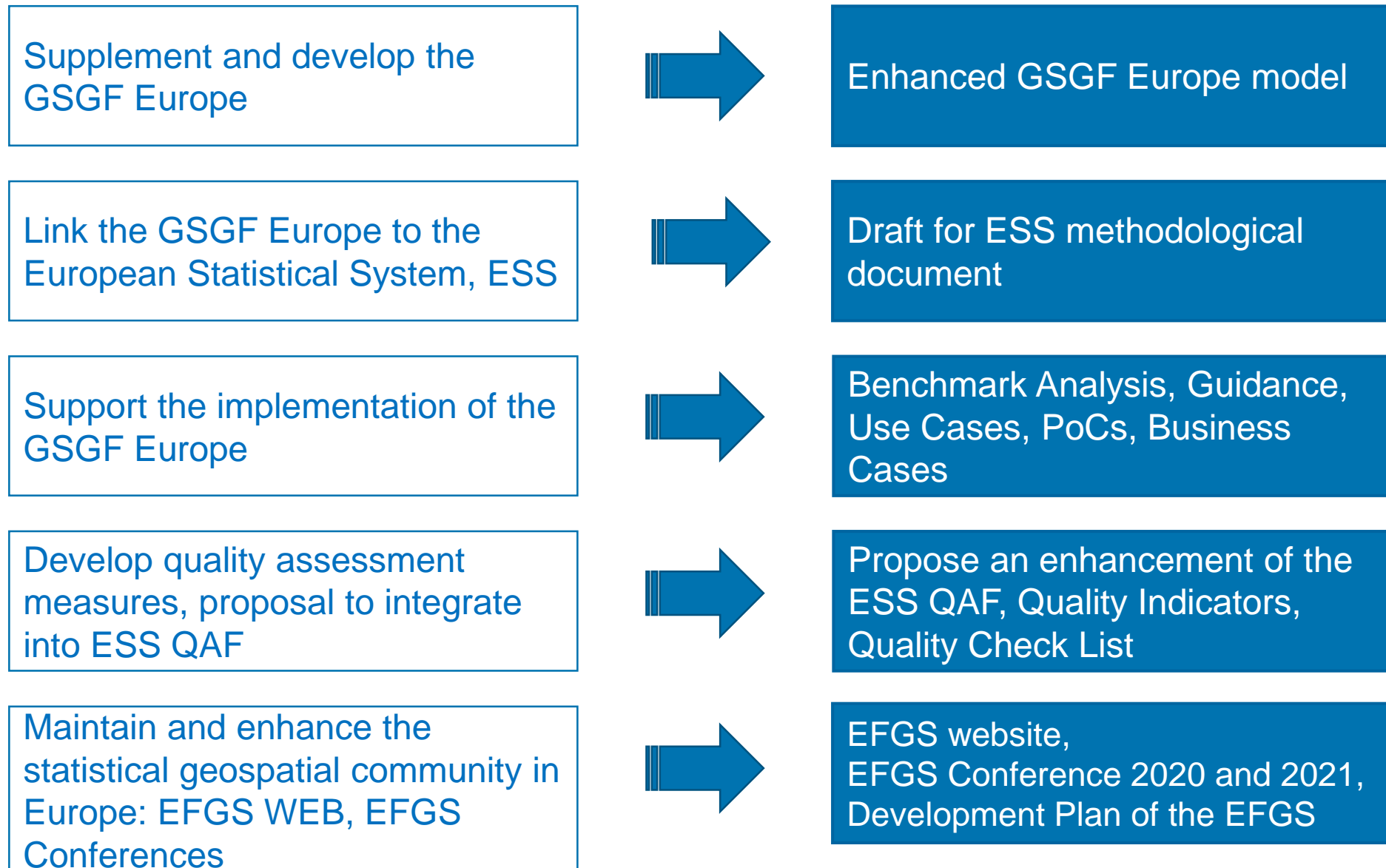
**2015 - 2016 GEOSTAT 2 –** point-based geocoding  
infrastructure for statistics (completed)



# GEOSTAT project family since 2010 3/3



# Main objectives and outputs of GEOSTAT 4





# GEOSTAT 4 impact

- Strengthens the statistical-geospatial community in Europe
- Clarifies the roles of different actors, their responsibilities and importance to other actors
- Project results provide the ESS with unified ways to take geospatial information into account in statistical production and dissemination, with quality
- Will clarify the future of the European Forum for Geography and Statistics Community (EFGS)
- EFGS Conferences: opportunity to reach wider public: policy makers, research community, businesses

# Project Organisation

WP-1: A Completed GSGF  
Europe FI  
WP leader: Antti Santaharju, FI

WP-2: Supporting the  
Implementation of the  
GSGF Europe  
WP leader: Jerker Moström, SE

WP-3: Quality of geospatial  
information management  
for statistics  
WP leader: Ingrid Kaminger, AT

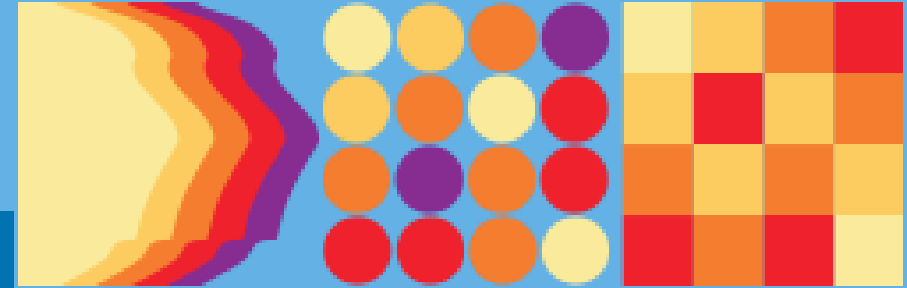
WP-4: EFGS website  
WP leader: Anna Slawinska, PL

WP-5: EFGS Conferences  
WP leader: Hanna Brenzel, DE

WP-6: Exploitation,  
distribution and  
dissemination  
WP leader: Igor Kuzma, SI

WP-7: Project  
management  
Project  
manager/WP  
leader: Rina  
Tammisto, FI

**Consortium**  
**NSIs:**  
FI, SE, AT, PL, DE, SI,  
FR, NO, PT  
+  
**NMCAs:** FI, NO +  
Finnish Health Inst. +  
MD Mapping



# Compilation of the GSGF Europe

eurostat 

# Global Statistical Geospatial Framework, GSGF



Figure 3 The five Principles of the GSGF

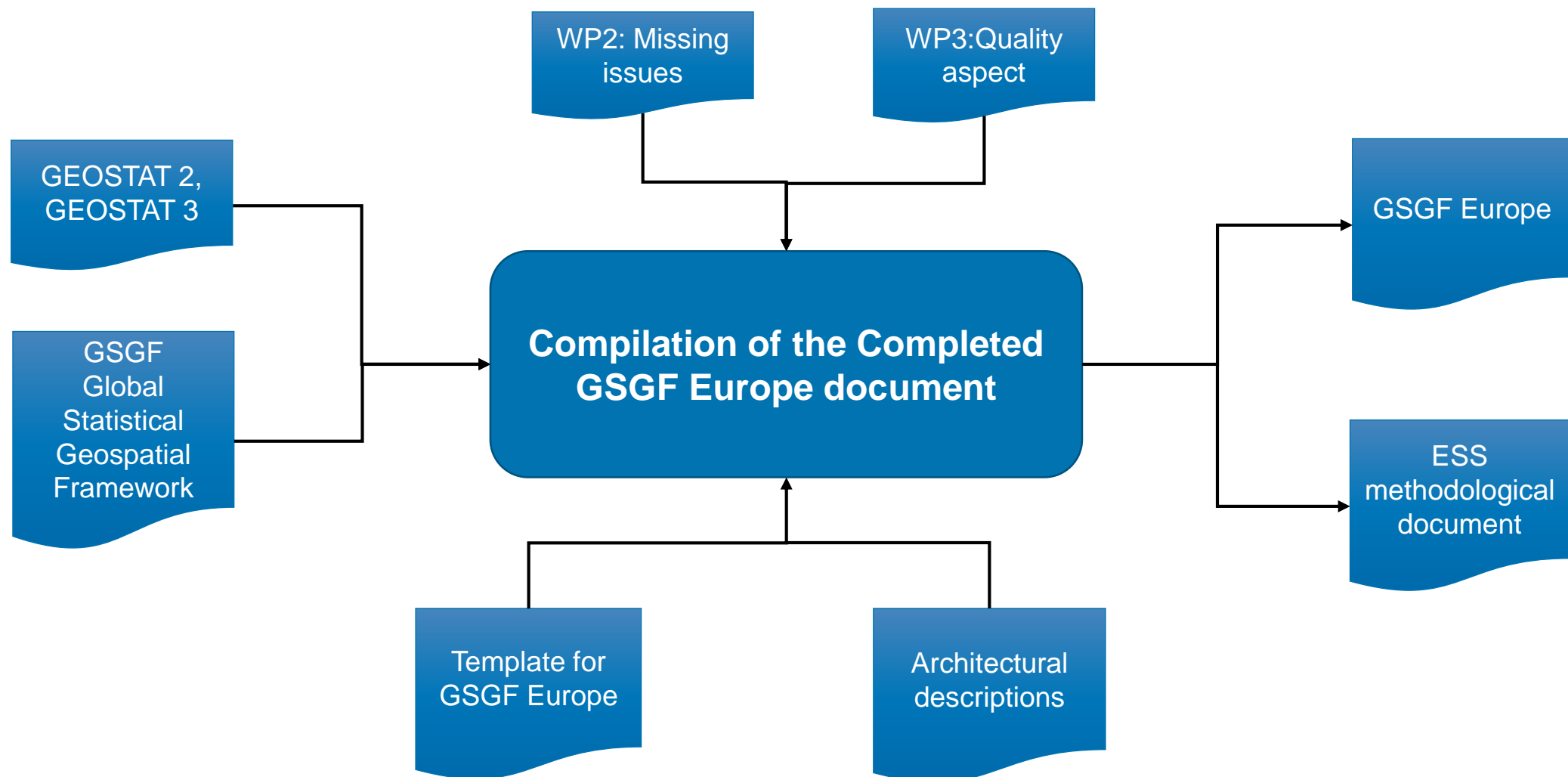
# Enhanced GSGF Europe

1. Will be based on the five principle of the GSGF
2. Continue and complete the methodological work of the GEOSTAT action focusing on those aspects of the future GSGF Europe that
  - are still under development globally,
  - were identified as missing at the end of GEOSTAT 3, or
  - require further research and adaptation to meet the requirements of Member States and the ESS.

The output is an Enhanced GSGF Europe model containing these aspects.

3. Review the frameworks, e.g. ESS, UNECE/ModernStats, Enterprise architecture and link them into GSGF Europe contents so that geospatial information and related standards are a natural part of the ESS statistical production.
4. The project also compiles a Draft for an ESS methodological document in the form of a manual.

# Compilation of the completed GSGF Europe



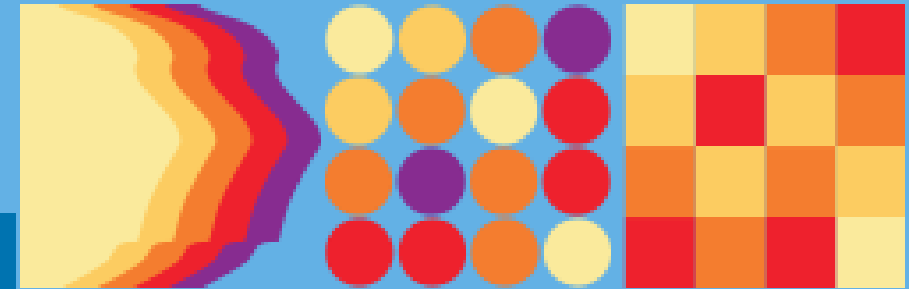
# Outputs of the GSGF Europe

Output 1:  
Completed GSGF  
Europe

- Publication,
  - approximately 60 pages + annexes
  - Results of tasks 1.1 and 1.2
  - Due date M22 -> November 2021
  - Annexes (good practices)

Output 2:  
ESS  
methodological  
document

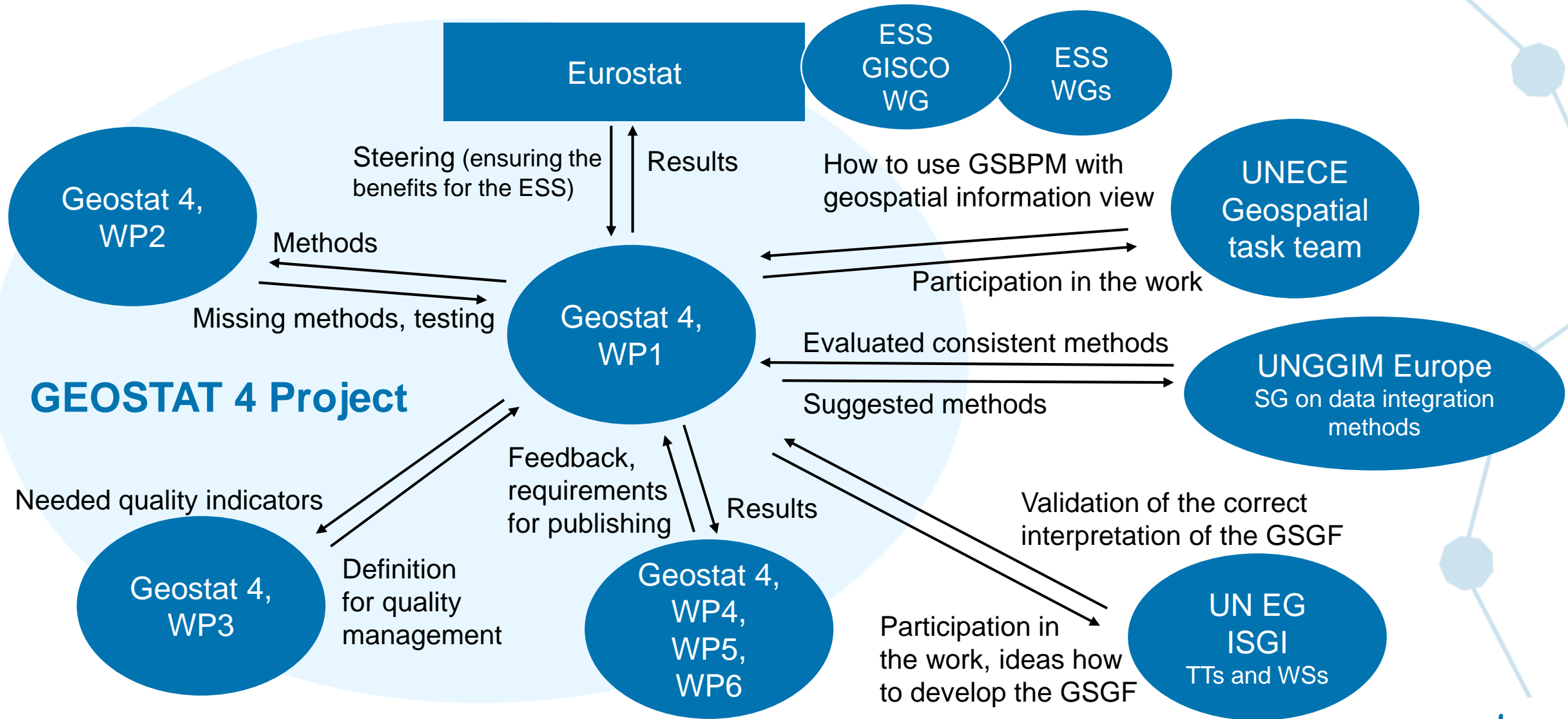
- Publication,
  - approximately 30 pages + annexes
  - Results of tasks 1.3
  - Due date M24 -> January 2022

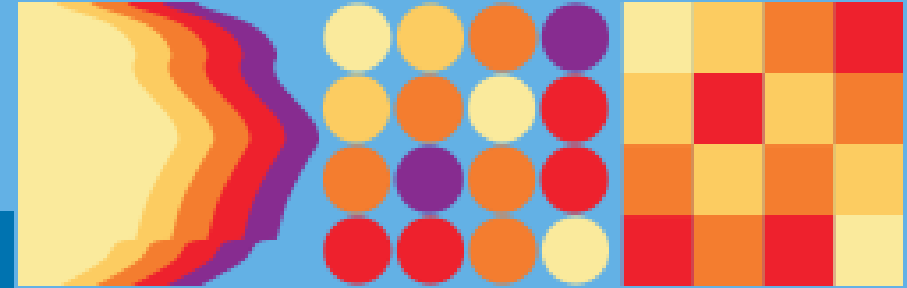


# Project's stakeholders



# Compiling the GSGF Europe – stakeholders



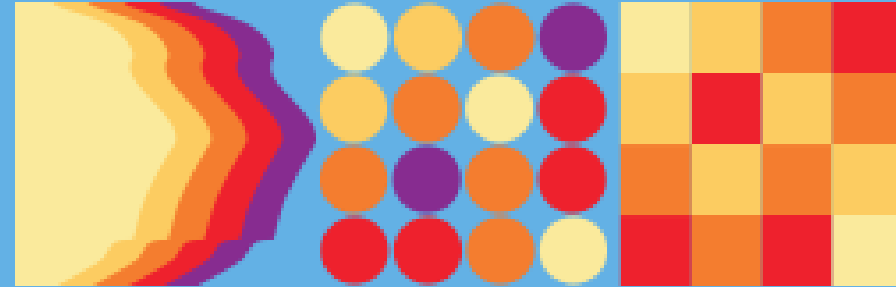


# Community efforts

eurostat 

# Community efforts

- GEOSTAT 4 efforts are for the geospatial statistical community in Europe
  - E.g. GISCO, EFGS, UN GGIM Europe, ...
- Adequate cooperation is a prerequisite for the success of the project
  - the involvement and feedback of the GISCO community is particularly important!



**Thank you for your attention!  
I would appreciate your  
comments, please contact me!**

[rina.tammisto@stat.fi](mailto:rina.tammisto@stat.fi)

**eurostat** 