United Nations Economic Commission for Europe
Statistical Division

UNECE Activities on Integrating Statistical and Geospatial Information

Steven Vale
Statistical Division, UNECE

Building Networks

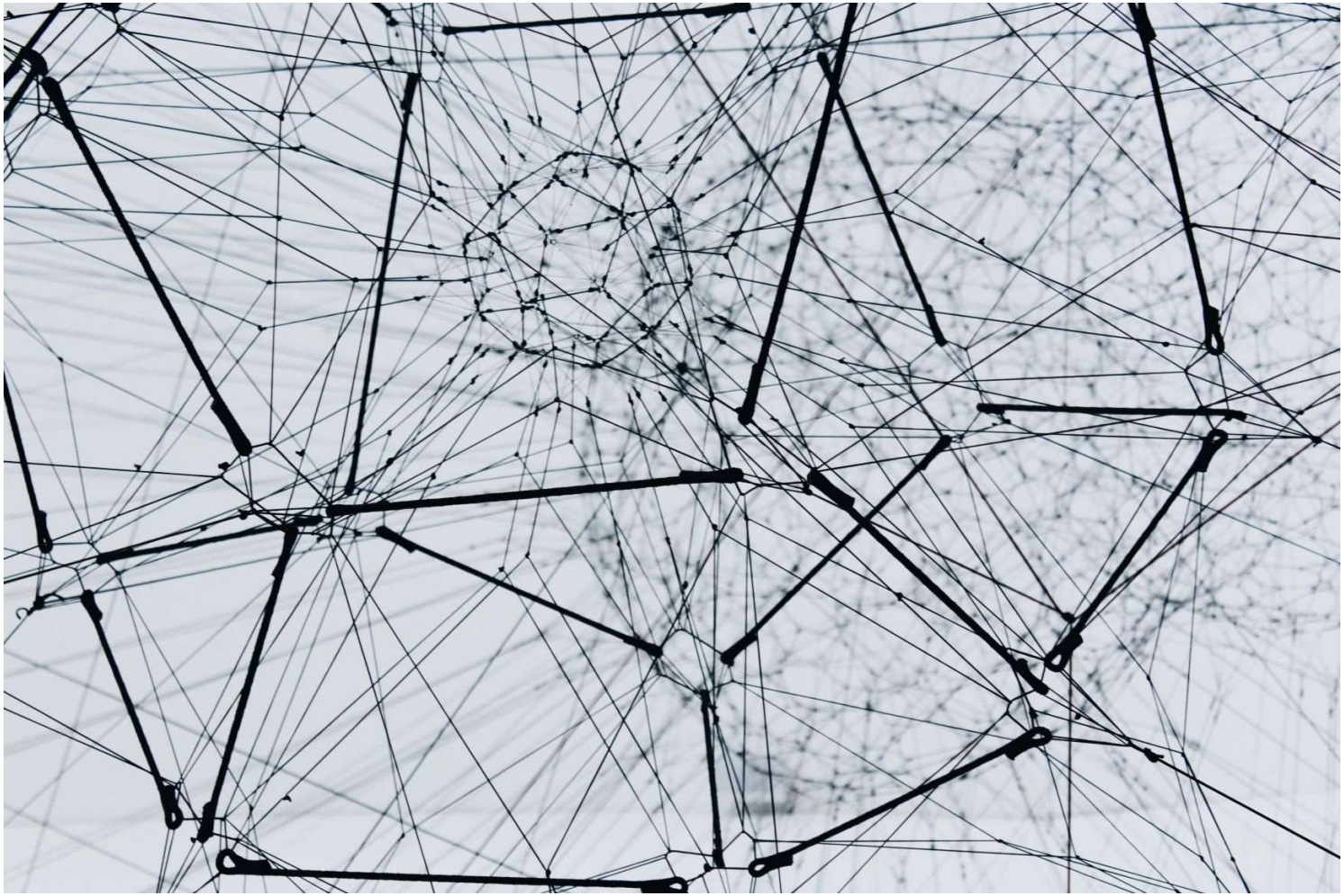


Photo by Alina Grubnyak on Unsplash

Main Events: 2020

- Eurostat / UN-GGIM: Europe / UNECE Meeting on the Integration of Statistical and Geospatial Information, **On-line**, 27 March
- Webinar on Geo-statistical Responses to the COVID-19 Crisis, with GFGS, on-line
- Joint Plenary Session of UN-GGIM: Europe and Conference of European Statisticians
- New series of “Coffee Talks”

Webinar on Geo-statistical Responses to COVID-19

- Organised with  20 May 2020
- >120 participants, >40 countries
- Contributions from:
  - GFGS (Norway, Portugal, USA)
  - Eurostat
  - Ireland
  - European Commission (DG Regio)
  - Columbia University, USA
  - Mexico
- Presentations at https://statswiki.unece.org/x/ColOEQ

Webinar – Key Points

- Ireland and Mexico reacted quickly, re-using existing tools, data-flows, partnerships, legal frameworks: **Design for re-use**
- Importance of integrating data from multiple sources - statistical, geospatial, admin, other
- Data sharing and integration are facilitated by common standards, particularly in a crisis
- Dashboards are a user-friendly approach to present key information at a glance

Joint Plenary Session: Topic 1

- New roles for statistical and geospatial agencies in emerging national data ecosystems
- Conclusions:
  - Geospatial and statistical data are cornerstones of national data ecosystems. Statistical and geospatial agencies can support each other to enhance their roles
  - Create a joint task team to determine where geospatial and statistical standards need to be better aligned to ensure greater interoperability

Joint Plenary Session: Topic 2

- How official statistics and geospatial information can help with the Covid-19 pandemic
- Conclusions:
  - The examples demonstrated how NSOs and geospatial agencies were able to respond quickly with the data, tools and analysis for making the right decisions in this challenging time

Coffee Talks

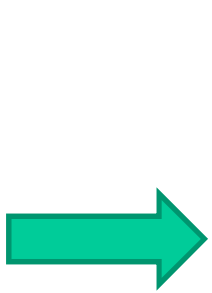
- 1-hour informal webinars, 2 presentations + discussion, open to all, global participation
  - Innovative methods for defining census areas - 2 Dec
  - New opportunities for geospatial and statistical data using the Discrete Global Grid System (DGGS) - 25 Feb
  - Defining urban areas and modelling urban area data - 25 March
- Presentations and recordings at: https://statswiki.unece.org/display/GFGS/Webinars

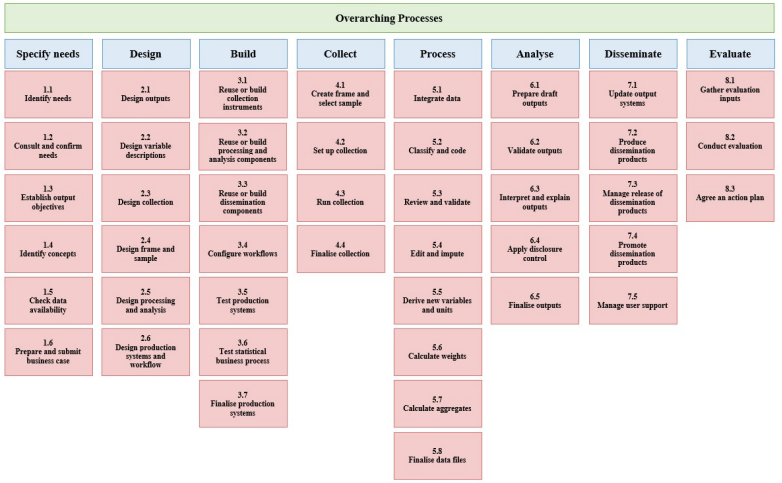
Partnerships

- Renewed partnership agreement with UN-GGIM: Europe
- Draft agreement with Eurostat on joint geospatial activities
- UN Geospatial Network
- Expert Group on the Integration of Statistical and Geospatial Information
  - Task Team on Capacity Building

Geospatial view of GSBPM

- Task Team almost finished
- Paper will be released soon





Looking forwards

- New project with Eurostat (tbc)
- New task team on standards and interoperability
- Geo-statistical architecture?
  - Possible future activities to define an architecture for integrating statistical and geospatial data
  - GSBPM work is first step (business architecture level)
  - More work at information / applications architecture levels?
- “Real” meetings 

Any questions?