



United Nations Economic Commission for Europe  
Statistical Division

# UNECE Activities on Integrating Statistical and Geospatial Information

Steven Vale  
Statistical Division, UNECE

## Strengthening the partnerships



---

## Events and Activities: 2018



With EFTA: Session on using geospatial information for SDGs and other statistics

- ❖ Shymkent, Kazakhstan, 1-3 October
- ❖ EECCA countries + Mongolia
  - Geospatial information is becoming increasingly important in the production of official statistics, particularly for censuses, and SDGs
  - Government policies for the digitization and sharing of geospatial information are needed
  - National statistical offices need support for capacity development in the use of geospatial information

---

## Events and Activities: 2018-19



In-depth review on the use of satellite image data in official statistics

- ❖ Requested by the Bureau of the Conference of European Statisticians
- ❖ Prepared by Canada and Mexico with input from Austria and Eurostat
- ❖ To be discussed by CES 26-28 June
- ❖ [http://www.unece.org/fileadmin/DAM/stats/documents/ece/ces/bur/2018/October/03\\_In-depth\\_review\\_of\\_Satellite\\_Imagery.pdf](http://www.unece.org/fileadmin/DAM/stats/documents/ece/ces/bur/2018/October/03_In-depth_review_of_Satellite_Imagery.pdf)

---

## Events and Activities: 2019



- ❖ Eurostat / UN-GGIM: Europe / UNECE Meeting on the Integration of Statistical and Geospatial Information, Luxembourg, 29 March
- ❖ Workshop on Statistics for SDGs, Geneva, 17-18 April – Whole day on geospatial data
- ❖ Regional Conference on Environment Data, Geneva, 8 May – Focus on data integration

---

## Events and activities: 2019



- ❖ The role of national statistical systems in the new data ecosystem
  - Estonia, Canada, Ireland, Italy, Netherlands, Poland
  - How to respond to new demands to integrate data across government?
  - Statistical and geospatial data are key components
  - NSOs have data management skills
  - What role should they play?

[http://www.unece.org/fileadmin/DAM/stats/documents/ece/ces/2019/ECE\\_CES\\_2019\\_16-1906490E.pdf](http://www.unece.org/fileadmin/DAM/stats/documents/ece/ces/2019/ECE_CES_2019_16-1906490E.pdf)

---

## Events and Activities: 2019



UNECE eurostat



UN-GGIM  
EUROPE

### Workshop on Data Integration: Realising the Potential of Statistical and Geospatial Data

(Belgrade, 21 – 23 May 2019)

<https://statswiki.unece.org/display/geo/Belgrade+Workshop>

---

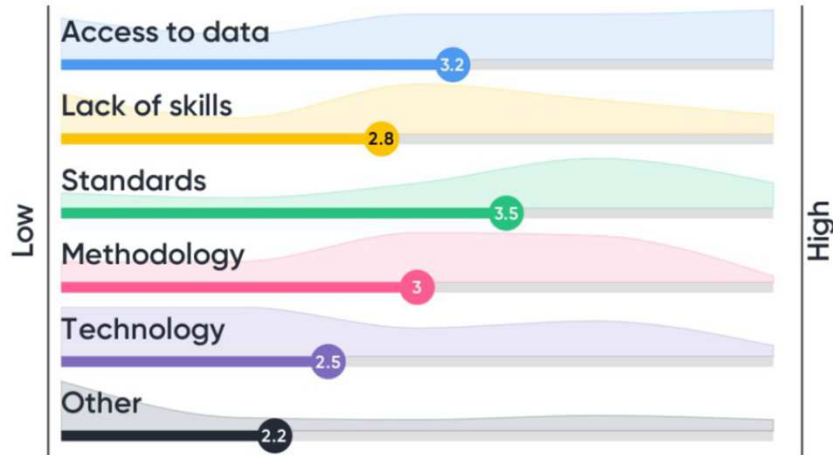
## Belgrade Workshop



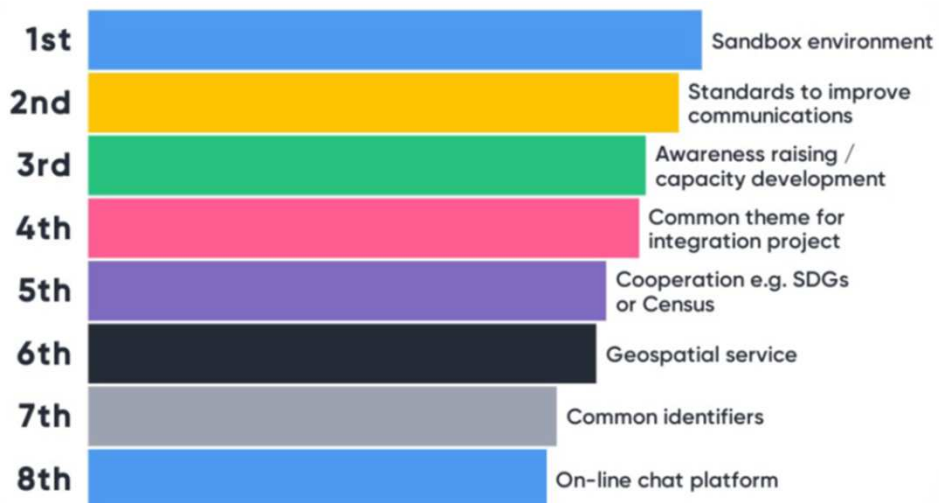
- ❖ 96 participants – full house!
- ❖ Agenda:
  - Outcomes of recent data integration projects
  - Innovative use of statistical and geospatial data to produce new products
  - Challenges and solutions for integrating statistical and geospatial data
  - Opportunities for future collaboration on data integration



## Biggest challenges



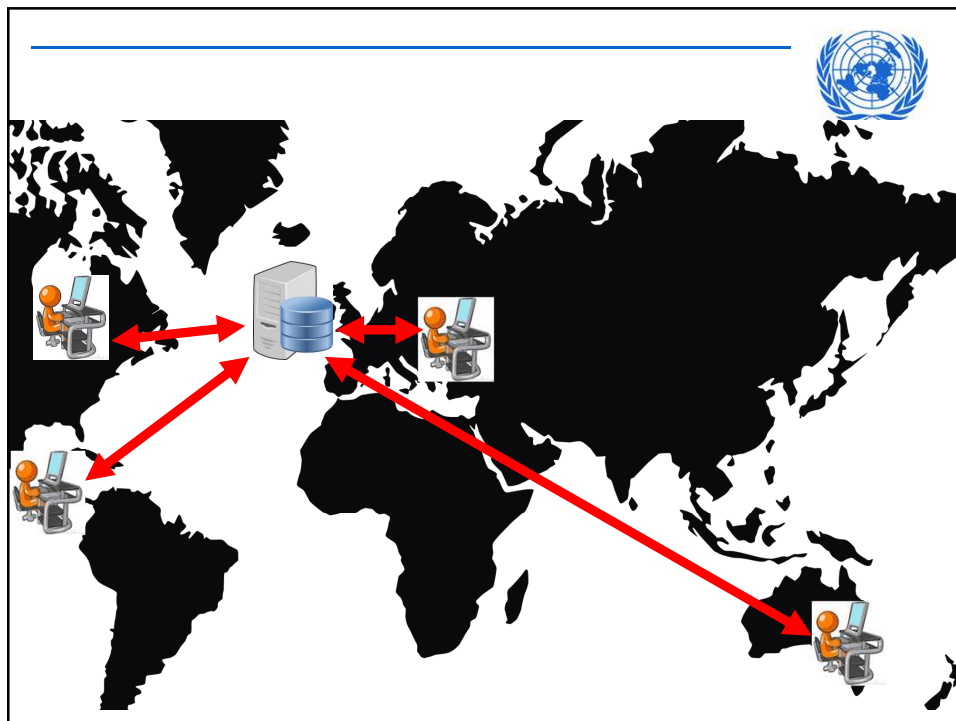
## Priorities for future work



## A Sandbox?



“Play is the highest form of research” – Einstein



---

## Virtual task team



- ❖ Azerbaijan
- ❖ Canada
- ❖ Finland
- ❖ Germany
- ❖ Hungary
- ❖ Kazakhstan
- ❖ Kyrgyzstan
- ❖ Mexico
- ❖ Mongolia
- ❖ Poland
- ❖ Portugal
- ❖ Serbia
- ❖ Sweden
- ❖ Turkey
- ❖ United Kingdom
- ❖ Planetek Italia
- ❖ Eurostat
- ❖ UN-GGIM: Europe
- ❖ UNECE

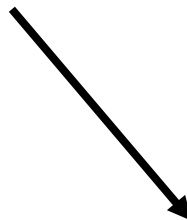


---

## Virtual task team



Specify needs



Identify solutions





---

## **BigDataUN** Global Working Group

### United Nations Global Platform: Data for the world

A global collaboration to harness the power of data for better lives  
**Trusted Partners, Trusted Data, Trusted Methods, Trusted Learning**



---

## UN Global Platform

- **Global data sets, Common methods, Shared services**
- **Working together** – Global collaboration: developing and testing new methods
- **Learning together** – Capacity Development and Training materials



## Task Teams

- ❖ Existing: Satellite Imagery
  - Led by Statistics Canada
- ❖ Proposed: Integrating Statistical and Geospatial Data
  - Draft terms of reference
  - Link to Geostat 4 project?





**Any questions?**

