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# UN-GGIM: Europe Line of Work Sustainable Development Goals

## Introduction to the session



**UN-GGIM**  
**EUROPE**

UNITED NATIONS  
COMMITTEE OF EXPERTS ON  
GLOBAL GEOSPATIAL  
INFORMATION MANAGEMENT

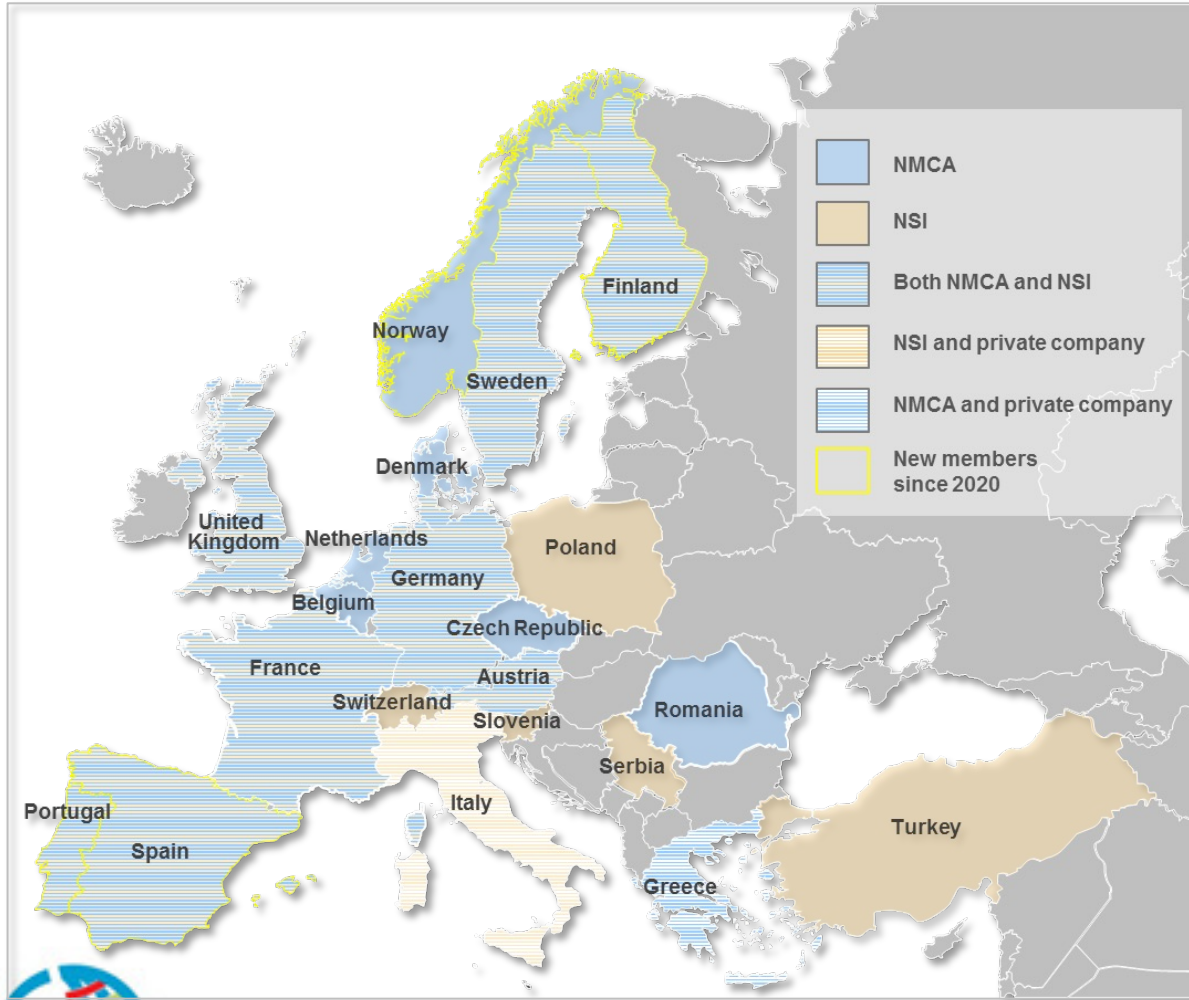
Francisco Vala, Statistics Portugal  
Pier-Giorgio Zaccheddu, BKG

25 October 2023



# Working Group on Data Integration – Who are we?

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- **25-30 members from Member States** affiliated to geospatial and statistical agencies
- **Private companies**
- **Observer organisations**, like Eurostat, EC Joint Research Center (JRC), DG REGIO, European Environment Agency (EEA), University Bonn



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# Working Group on Data Integration → Line of Work DI & SDG

New Work Plan of UN-GGIM: Europe adopted at the Plenary 20 June 2022

## Integrated Geospatial Information Framework

- Activity lead – United Kingdom. ExCom lead – Sweden

## Global Geodetic Reference Frames

- Activity lead – Belgium. ExCom lead – Germany

## Data Integration

- Activity Lead – Germany Belgium, Austria. ExCom lead – Germany

## Sustainable Development Goals

- Activity lead – Germany, Portugal. ExCom lead – Portugal

## Data Strategy and Policy

- Activity lead – Poland. ExCom lead – Slovenia





# Working Group on Data Integration

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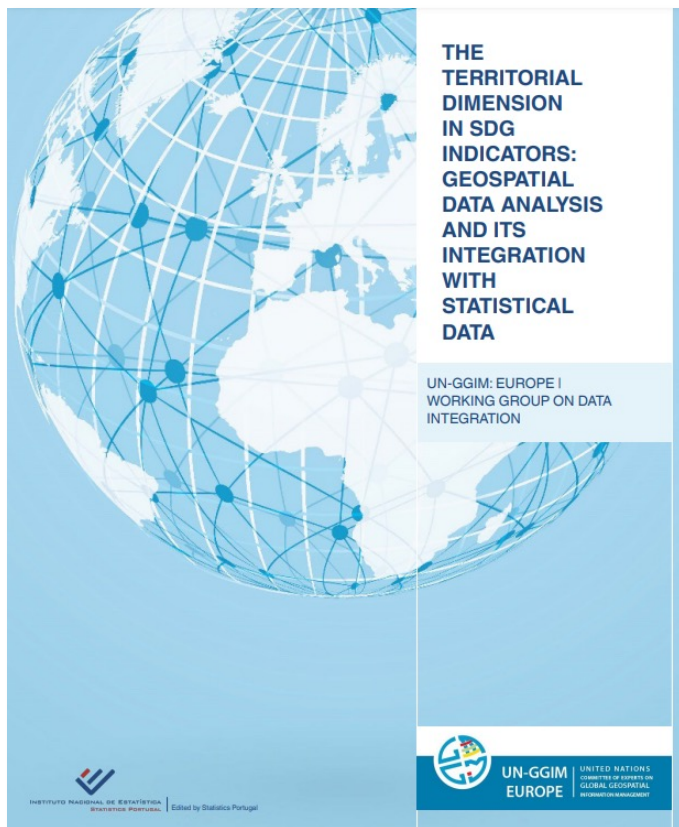


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# Working Group on Data Integration



## Work Plan 2017 – 2019 | Deliverables on SDG indicator analysis

Address the **contribution of geospatial data analysis** and its integration with statistical data at a **Global, European and National** perspective based on the analysis of selected SDG indicators



**11.2.1**  
tier II indicator

Proportion of population that has convenient access to public transport, by sex, age and persons with disabilities

Coord: NSI, Austria



**11.3.1**  
tier II indicator

Ratio of land consumption rate to population growth rate

Coord: NSI, Portugal



**11.7.1**  
tier III indicator  
(moved to tier II as of 27 November 2018)

Average share of the built-up area of cities that is open space for public use for all, by sex, age and persons with disabilities

Coord: NSI, Sweden



**15.1.1**  
tier I indicator

Forest area as a proportion of total land area

Coord: e-GEOS, Italy



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# Working Group on Data Integration



## Work Plan 2019 – 2022 | Deliverables on computing SDG indicators

Provide methodological, operational and technical guidance in the use of geospatial data and statistics to compute SDG indicators, with a European and National perspective, and reflecting on solutions which may increase disaggregation

WORKING GROUP ON DATA INTEGRATION <i>The integration of geospatial data and statistics to compute SDG indicators: requirements and practices</i>		WORKING GROUP ON DATA INTEGRATION <i>The integration of geospatial data and statistics to compute SDG indicators: requirements and practices</i>		WORKING GROUP ON DATA INTEGRATION <i>The integration of geospatial data and statistics to compute SDG indicators: requirements and practices</i>		WORKING GROUP ON DATA INTEGRATION <i>The integration of geospatial data and statistics to compute SDG indicators: requirements and practices</i>	
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Guidelines for SDG Indicator Calculation	 <b>11.2.1</b> Proportion of population that has convenient access to public transport, by sex, age and persons with disabilities  <small>Compiled by Statistics Sweden with the contributions of: Austria (NSI)   Denmark (NMCA)   DGREGIO   Finland (NMCA) Poland (NSI)   Portugal (NSI)   Slovenia (NSI)   Turkey (NSI)</small>	Guidelines for SDG Indicator Calculation	 <b>11.3.1</b> Land consumption rate to population growth rate  <small>Compiled by EEA with the contributions of: Austria (NSI)   Denmark (NMCA)   Finland (NMCA)   Germany (Univ. Bonn)   Portugal (NSI)   United Kingdom (NSI)</small>	Guidelines for SDG Indicator Calculation	 <b>15.1.1</b> Forest area as a proportion of total land area  <small>Compiled by Statistics Portugal with the contributions of: Austria (NSI)   Czech Republic (NMCA)   EEA Germany (BKG)   Italy (e-GEOS)   Serbia (NSI)</small>	Guidelines for SDG Indicator Calculation	 <b>15.3.1</b> Proportion of land that is degraded over total land area  <small>Compiled by Italy (e-GEOS) with the contributions of: Austria (NSI)   EEA   Eurostat   Finland (NMCA)   Germany (BKG)</small>
							
Coord: NSI, Sweden	Coord: EEA	Coord: NSI, Portugal	Coord: E-GEOS, Italy	Coord: NSI, Sweden	Coord: NSI, Portugal	Coord: NSI, Sweden	Coord: E-GEOS, Italy



# SDG calculation | Overarching conclusions Work plan 2019 - 2022

PAN - EUROPEAN

AUTHORITATIVE GEOSPATIAL

STANDARDS & INTEROPERABILITY STATS

PAN-EUROPEAN PRODUCTS MAKE IT POSSIBLE TO COMPUTE SDG INDICATORS

DATA SOURCES SERVE MORE THAN ONE SDG INDICATOR

ADMINISTRATIVE BOUNDARIES ARE CORE FOR COMPARABLE CROSS-COUNTRY RESULTS

HARMONISED TERRITORIAL TYPOLOGIES GUARANTEE COMPARABILITY

AUTHORITATIVE DATA ON TRANSPORT NETWORKS IS CRUCIAL

STABILITY IS KEY FOR EO DERIVED PRODUCTS

ACCOUNTING FOR BIAS SHOULD BE CONSIDERED WHEN DERIVING STATISTICS FROM EO

COORDINATE SHARED KNOWLEDGE AND RESOURCES TO DEAL WITH EO

NATIONAL DATA SOURCES CAN PROVIDE ADDITIONAL MEANINGFUL INSIGHTS

# Working Group on Data Integration → Line of Work DI & SDG



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# SDG Line of Work – Work plan



- To compile and put together **use cases/operational examples** and produce **recommendations/guidelines** on the calculation of SDG indicators
- To evaluate and assess the use of relevant national geospatial data as **open data**
- To provide **national show cases** for the presentation of relevant SDG indicators
- To promote and conduct **webinars/guided discussions** on specific SDG indicators or cross-cutting methodological issues and solutions
- To support and promote **capacity building and development initiatives** on SDG indicator calculations



# SDG Line of Work – Webinar series



## Setting the scene: Previous findings | Sources | Integration | Policy needs

#1	Showcasing the added value of geospatial and statistical data integration to compute SDG indicators	E-GEOS   Statistics Sweden   DG Regio   EEA   Statistics Portugal	25 April ✓	Francisco Vala (Statistics Portugal)
#2	Earth Observation and SDG: uses cases and workflows	EEA   EuroGeo   EuroGeographics	23 May ✓	Stefan Jensen & Jose Miguel Rubio (EEA)
#3	United Nations Geospatial Network Data Hub: One UN Geospatial Situation Room	UN Geospatial Network   UNECE   EFGS   Eurostat	15 November	Ekkehard Petri (Eurostat)
#4	Geospatial information for territorial policy support in the context of SDGs	JRC   OECD   DG REGIO	25 October ✓	Hugo Poelman & Joachim Maes (EC – DG REGIO)





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# SDG Line of Work – next steps

Lisbon Meeting

15-16 April, 2024



- To **evaluate the outcome** of the webinars → separate evaluation reports
- To find **gaps** and **requirements** of SDG calculation worth to be tackled by UN-GGIM: Europe in the future
- To use synergies and establish a substantial and fruitful cooperation with:
  - **IAEG-SDG: WGGI**: Inter-agency and Expert Group on SDG Indicators: Working Group on Geospatial Information
  - **UN EG ISGI**: Expert Group on the Integration of Statistical and Geospatial Information
  - **UNECE** data integration and SDG initiatives
- To **strengthen the link** to the global initiatives on SDG calculation issues

# SDG Line of Work – Main contacts

Join at  
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## Working Group Lead / Chair:

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## Line of Work Leads / WG Co-Chairs:

Francisco Vala & Célia Ferreira, Portugal

Statistics Portugal

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## More information on our website:

<https://un-ggim-europe.org/working-groups/low-sustainable-development-goals/>



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