

# UN-GGIM: Europe Line of Work (LoW) Data Integration (DI)

## Setting the scene:

Conclusions of the previous work of the  
Working Group on Data Integration



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INFORMATION MANAGEMENT

Nathalie Delattre, IGN Belgium

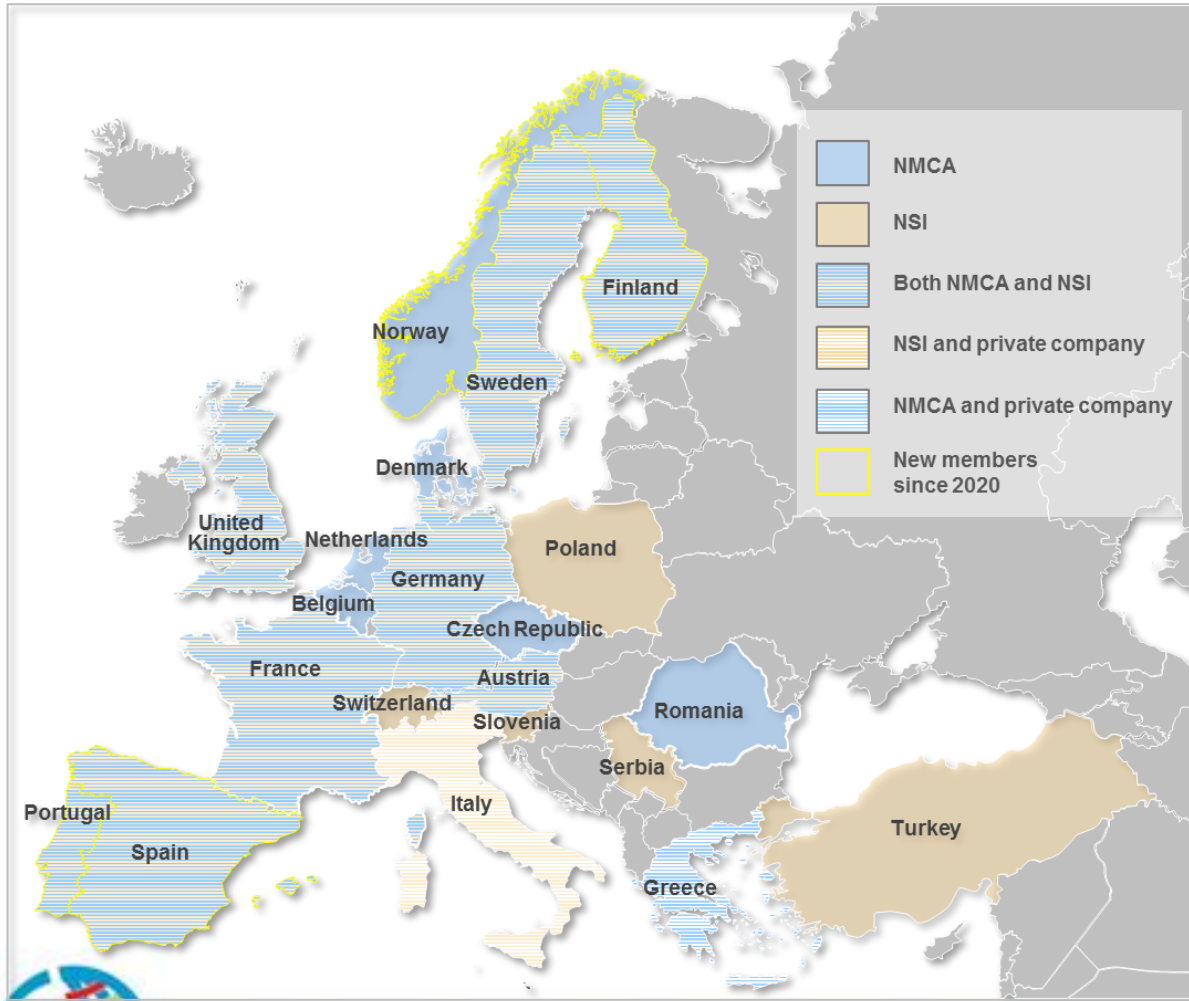
Markus Jobst, BEV Austria

Pier-Giorgio Zaccheddu & Sabine Afflerbach-Thom, BKG - Germany

15 March 2023



# Working Group on Data Integration – Who are we?



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



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# Working Group on Data Integration



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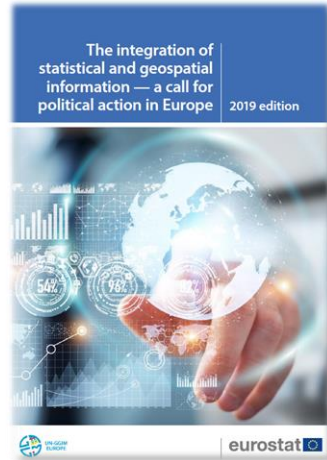




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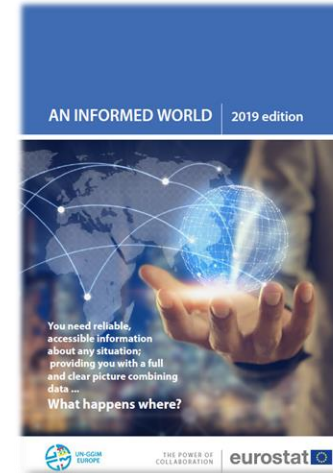


## Work Plan 2017 – 2019: Policy Paper + Leaflet



Develop an outreach document

→ **Main audience:**  
Senior manager in NSIs, NMCA and ministries



Develop a leaflet

→ **Main audience:**  
Policy makers who are not “geospatially related”

## Work Plan 2019 – 2022: Report on Data Integration Methods



Collect **national best practice examples** for data integration and describe **methods in the context of the European strategies and developments** (Data spaces, Geospatial Knowledge Infrastructure)

→ Derive **key recommendations** on Data Integration Methods



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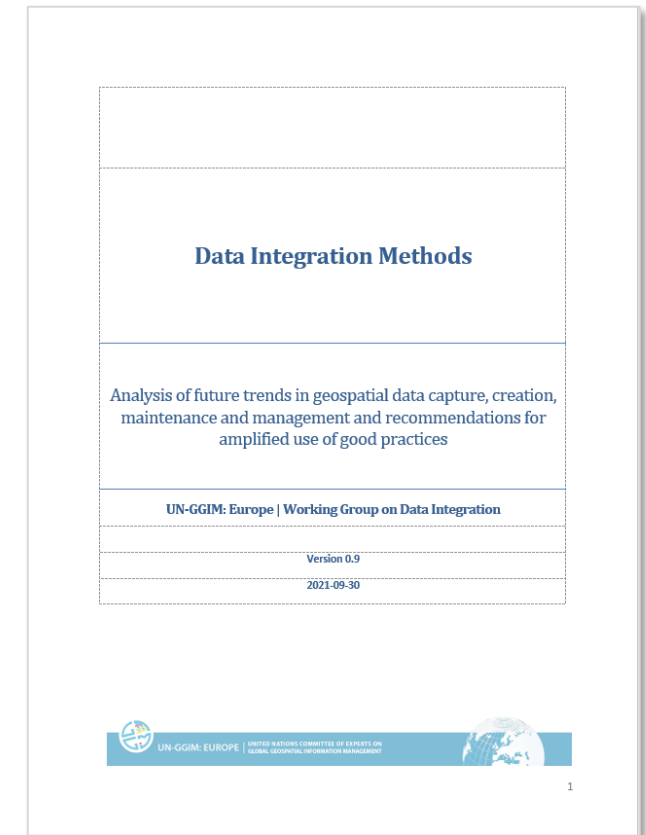
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# Data Integration Methods – Key recommendations



- Define and implement valid **Persistent Identifier (PID)**
- Have the **European political program** and the **European Green deal** and its impact on the further data integration methods in mind
- Be aware of new developments like **Data Spaces**
- Develop and implement **standardized Open APIs** for a smart geospatial data provision
- Agree upon **common definitions** and enforcement of **fundamental geographies** and **linked data**
- Make geospatial and statistical data interoperable and of **good quality**
- Develop and implement sustainable and **automated data integration processes**
- Invest resources and capacity building into a cross-domain 'Geospatial knowledge infrastructure (GKI)'
- **Modernize National Spatial Data Infrastructures** towards GKIs



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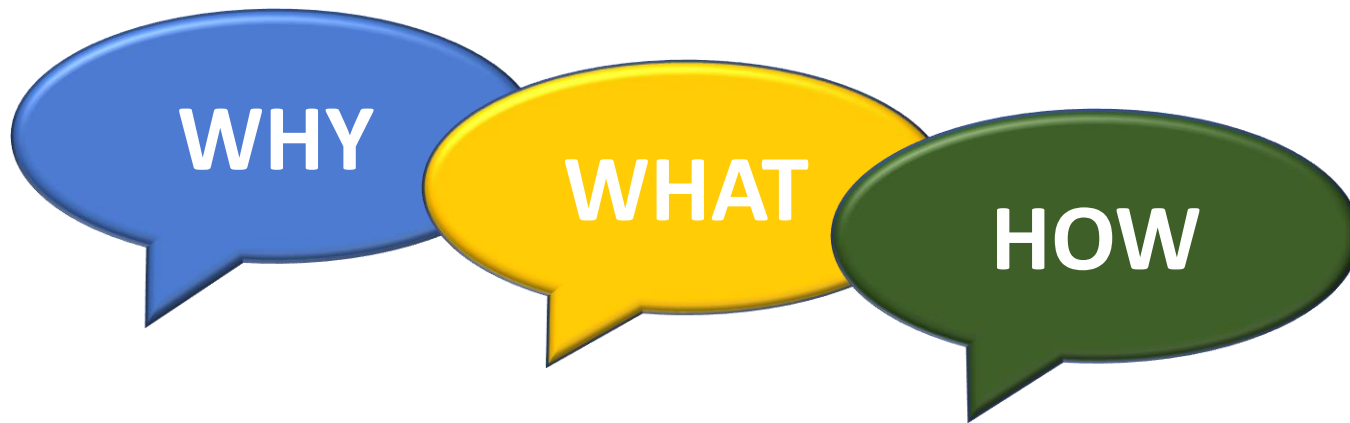
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# Intention of the webinar on 24 February 2022

Present and discuss the outcome of the Deliverable on Data Integration Methods in a Role play



1. **Why** is data integration meaningful? A fictive perspective from a Director General
2. **What** tools and requirements enable data integration? A fictive perspective from a Data Provider
3. **How** can we enable data integration processes? A fictive perspective from a Senior Manager





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



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

## 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





# Line of Work ,Data Integration' – Work plan



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- To compile and put together **use cases/discussion papers on best practices** on data integration methods and produce recommendations and guidelines
- To promote and conduct **webinars on specific topics** relevant data integration
- To support and promote **capacity building and development initiatives** on data integration

→ Link to global UN-GGIM work (EG ISGI)



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# Line of Work ,Data Integration' – Webinar series

	Webinar	Contributors	Date	Coordinator
Line of Work Data Integration				
#1	Data integration in Europe – challenges, findings, added value and cost savings	Eurostat, DG REGIO, JRC	March 15, 1 pm	Cristian Fetic, Hannes Reuter, Bianka Fohgrub (Eurostat)
#2	Linked Data in the European spatial data infrastructure – an operational view	<i>tbd</i>	<i>Planned in November</i>	Markus Jobst (BEV Austria)
#3	The way towards a Geospatial Knowledge Infrastructure, GSGF -IGIF recommendations	Geospatial World / EuroSDR / EFGS	19 June, 1 pm	Nathalie Delattre (NGI Belgium)



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# Line of Work ,Data Integration' – next steps



- To **evaluate the outcome** of the webinars → separate evaluation reports
- To find **gaps** and **requirements** of Data Integration issues worth to be tackled by UN-GGIM: Europe in the future
- To use synergies and establish a substantial and fruitful cooperation with UNECE on **capacity building**
- To **strengthen the link** to the global initiatives on Data Integration issues

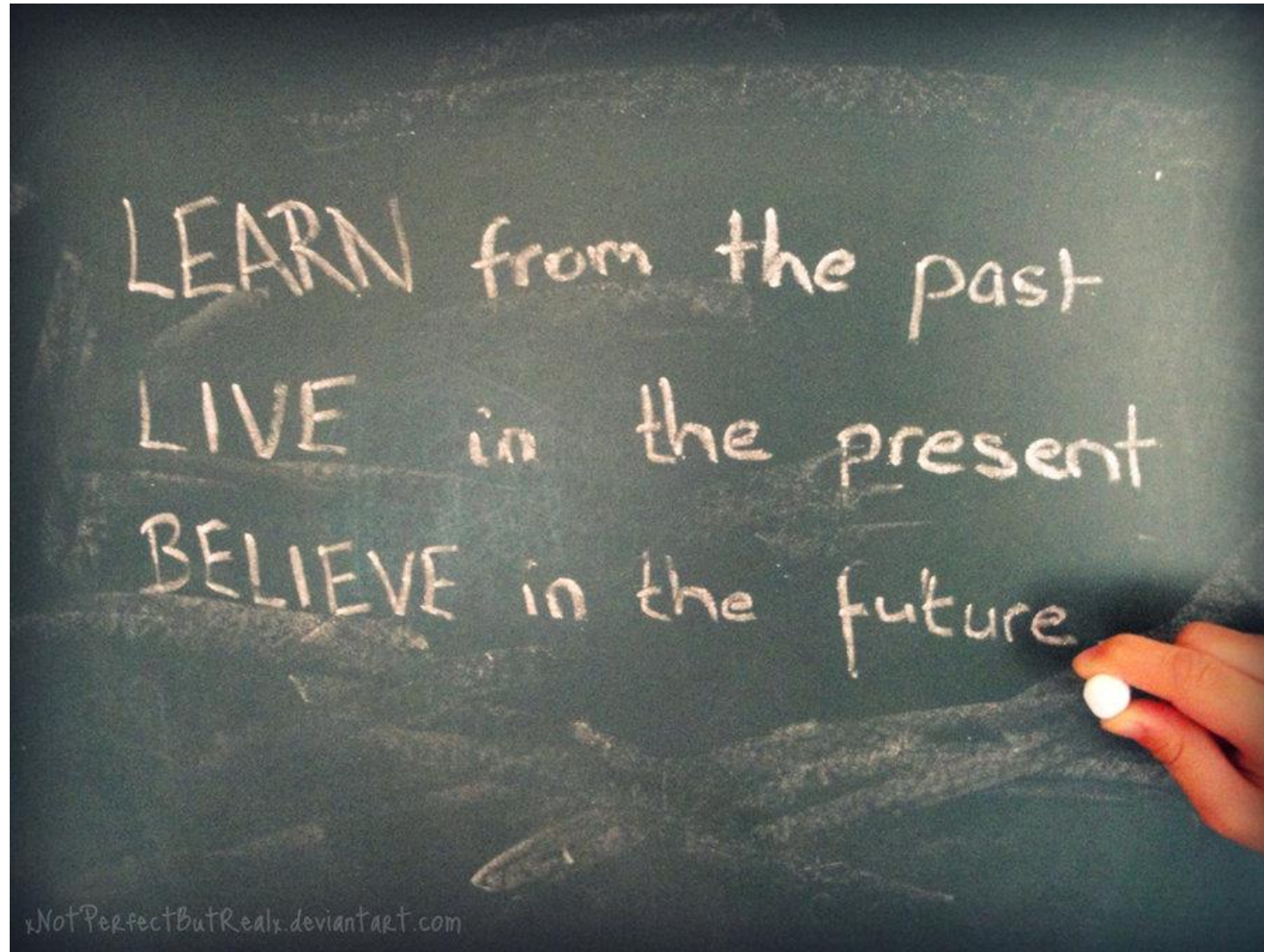


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# Line of Work ,Data Integration' – Main contacts

## Working Group Lead / Chair:

Pier-Giorgio Zaccheddu, Germany

Federal Agency for Cartography and Geodesy (BKG)

[pier-giorgio.zaccheddu@bkg.bund.de](mailto:pier-giorgio.zaccheddu@bkg.bund.de)

Sabine Afflerbach-Thom, Germany

Federal Agency for Cartography and Geodesy (BKG)

[sabine.afflerbach-thom@bkg.bund.de](mailto:sabine.afflerbach-thom@bkg.bund.de)

## Working Group Leads / Co-Chairs:

Nathalie Delattre, [nathalie.delattre@ngi.be](mailto:nathalie.delattre@ngi.be)

National Geographic Institute, Belgium

Markus Jobst, [markus.jobst@bev.gv.at](mailto:markus.jobst@bev.gv.at)

Federal Office of Metrology and Surveying, Austria



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