

Work Group B “Data Integration”



UN-GGIM: EUROPE

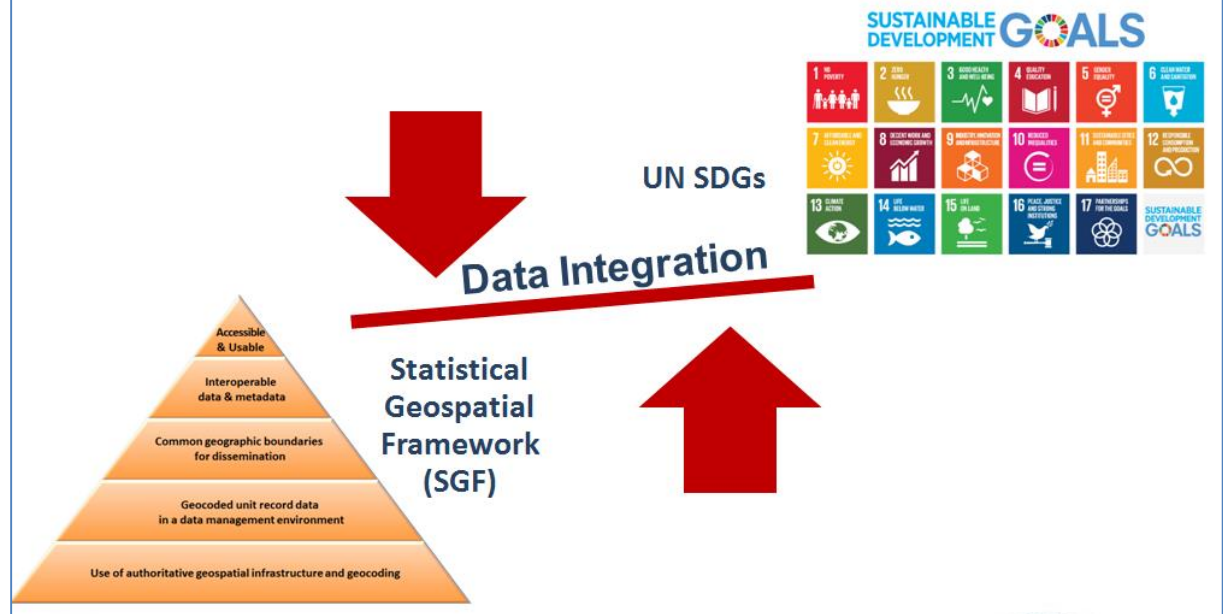
UNITED NATIONS INITIATIVE ON
GLOBAL GEOSPATIAL
INFORMATION MANAGEMENT

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BKG, Germany



- Work Group B “Data Integration” (WG B) deals with the integration of geospatial data with other information.
- Currently we are 17 European Member States from 20 National Mapping and Cadastral Authorities or National Statistical Institutes.

The main drivers for this work group...



The main outcome and findings...



Kick off, November 2014



1st WG B Meeting, May 2015

Deliverable B1



Data Integration –
Definition of priority user
needs for combinations of
data

UN-GGIM: Europe, Work Group B, First delivery

Version 1.1
2015-10-23



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The main outcome and findings...



4th WG B Meeting, November 2015



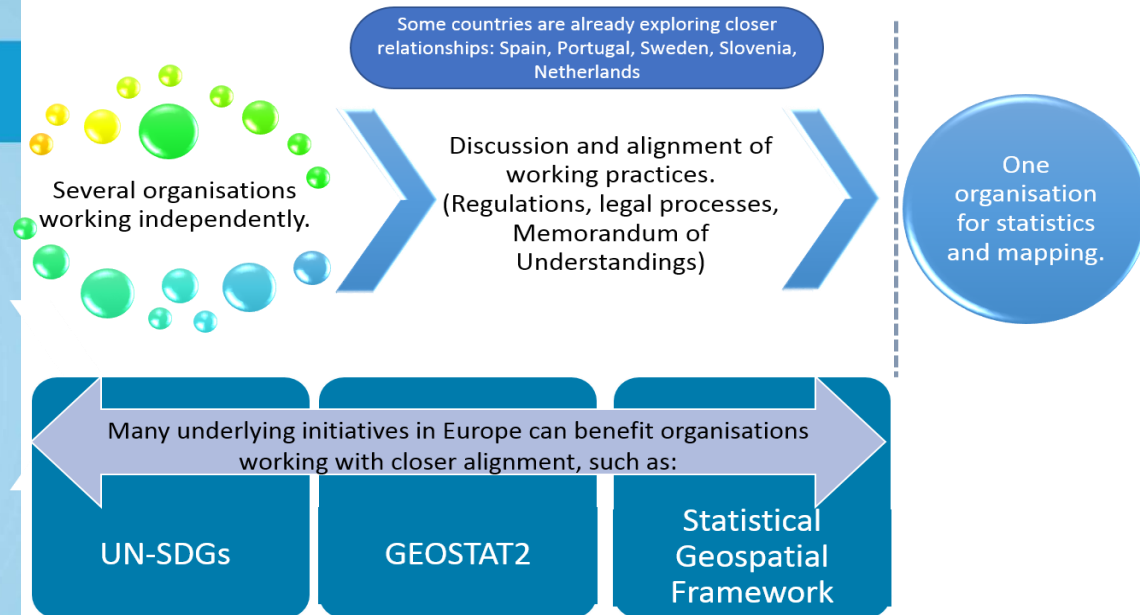
5th WG B Meeting, May 2016

Deliverables B3, B2.1 & B2.2/2.3...



Deliverable B2.2/2.3


methods/interactions




Sustainable
Development
Goals




The channel to publish the outcome...

**UN-GGIM: EUROPE**United Nations Initiative on
Global Geospatial Information Management


[ABOUT UN-GGIM: EUROPE](#)[ARTICLES AND RULES](#)[EXECUTIVE COMMITTEE](#)[EUROPEAN UN MEMBER STATES](#)[NMCAs AND NSIs IN EUROPEAN UN MEMBER STATES](#)[OBSERVER ORGANISATIONS](#)[WG A Core Data](#)[WG B Data Integration](#)[OUR SOCIAL NETWORKS](#)



Coming to @UNStats #48 #meeting?
Join us @ #geospatial #statistics
#integration #forum on Monday 6
March: <https://t.co/Wx4UUVIqY> — 6
days 13 hours




Want to know how #geospatial #LAM
relevant to #UNGGIM? Read up
background note on upcoming #EG
#LAM #meeting: <https://t.co/vRethMNYbD> ... — 6 days 13 hours



Be reminded of upcoming #UNGGIM
#LAM #geospatial meeting in March
2017 - #agenda now available:
<https://t.co/TYL70qk2Ei> — 6 days 13
hours

[more](#)

WG B Data Integration

Chair: Hansjörg Kutterer, Germany

Point of Contact: Pier-Giorgio.Zaccheddu – [Pier-Giorgio.Zaccheddu \(at\) bkg.bund.de](mailto:Pier-Giorgio.Zaccheddu@bkg.bund.de)

UN-GGIM: Europe Deliverable Sub-Working Group B1 – “Data Integration – Definition of priority user needs for combinations of data”

UN-GGIM: Europe Deliverable Sub-Working Group B1 – Annex II to Report SWG B1 on Priority User Needs ver 1.1

UN-GGIM: Europe Deliverable Sub-Working Group B2.1 – “The methods of implementing the prioritised combinations of data: Review of current European Interoperability Frameworks and geospatial and statistical integration projects regarding methods of combinations of data”

UN-GGIM: Europe Deliverable Sub-Working Group B2.2/2.3 – “The methods of implementing the prioritised combinations of data: Provide best practice guidance to the interactions between NMCAs/NSIs /Environmental Agencies and other relevant organisations. Review current use of data from multiple sources to identify case studies and best practices relevant for combinations with core data.”

UN-GGIM: Europe Deliverable Sub-Working Group B3 – “Report of the Work Group Data Integration about how to manage side-effects induced by data combinations” Ver1.0

LATEST NEWS:

UN Member States participate in 3rd Plenary of UN-GGIM: Europe


UN-GGIM: Europe announces creation of GRF-Europe

UN-GGIM: Europe findings contribute to work on global fundamental data themes

Executive Committee meets in Frankfurt

UN-GGIM: Europe at GWF16 in Rotterdam

[KNOWLEDGE BASE](#)[MEETINGS](#)[FORTHCOMING EVENTS](#)

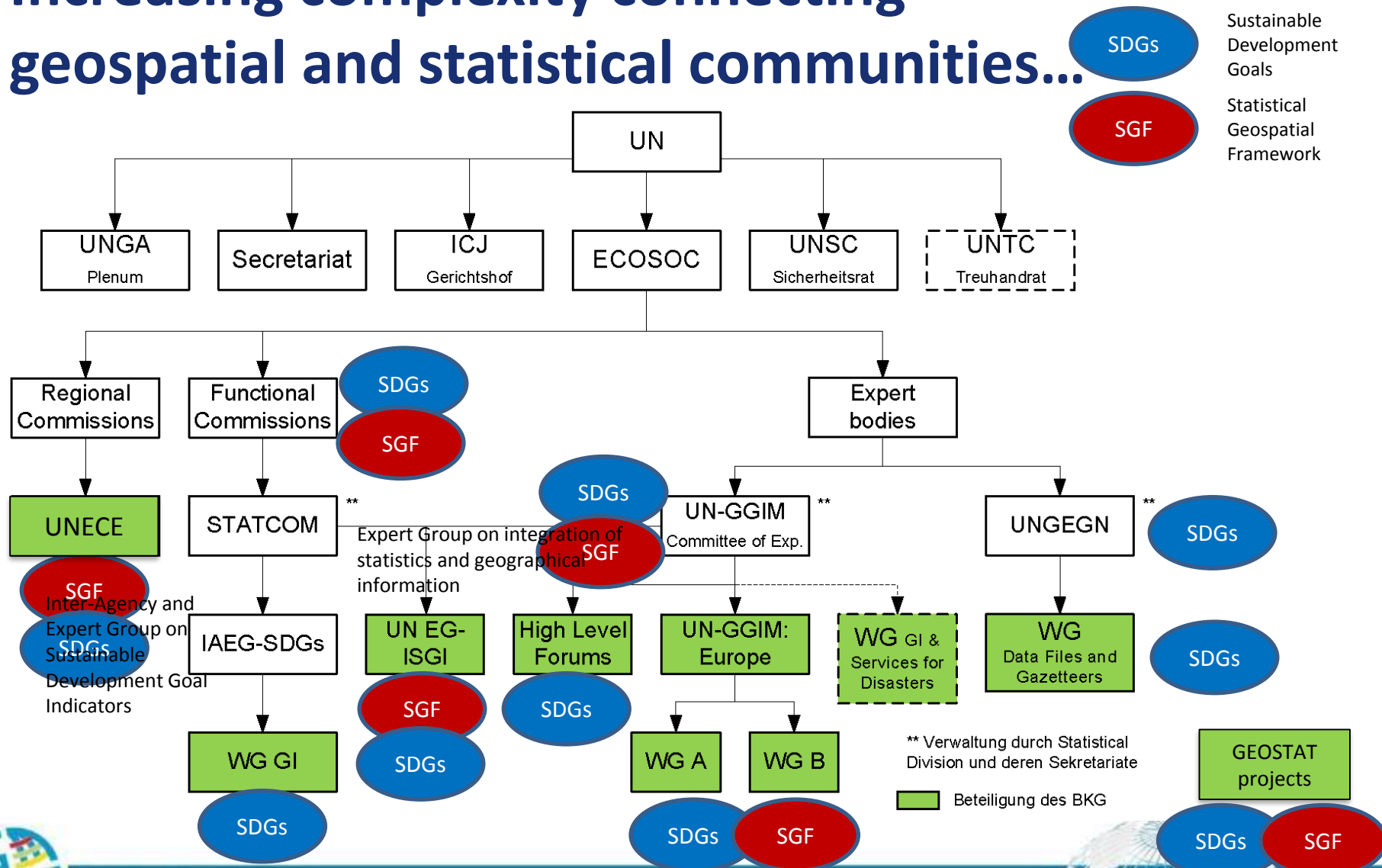
**UN-GGIM**UNITED NATIONS INITIATIVE ON
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Future trends in geospatial
information management:
the five to ten year vision

[LINKS](#)[REPORTS](#)



Increasing complexity connecting geospatial and statistical communities...



Sustainable Development Goals

Statistical Geospatial Framework

** Verwaltung durch Statistical Division und deren Sekretariate

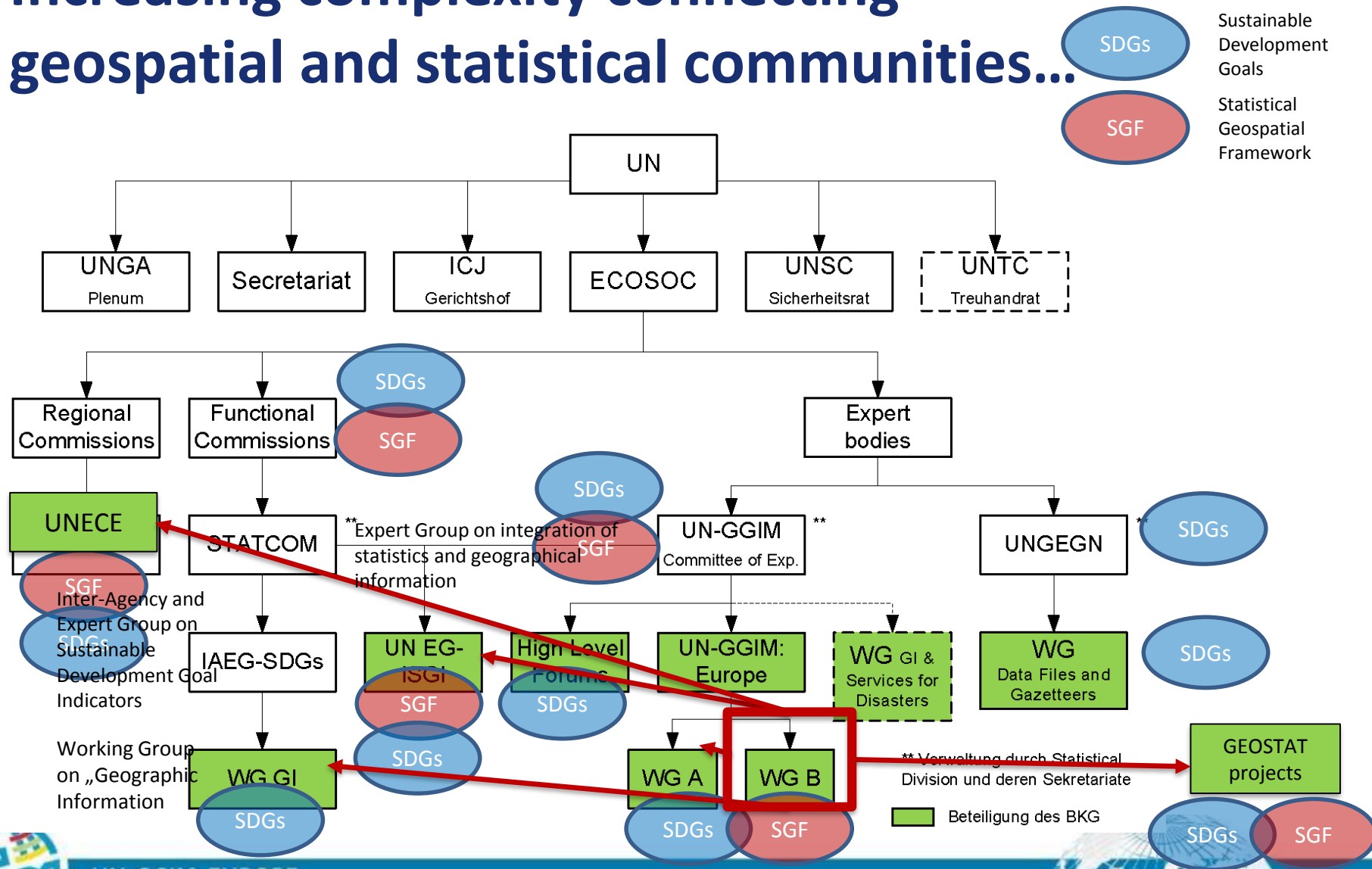
■ Beteiligung des BKG



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Increasing complexity connecting geospatial and statistical communities...



UN-GGIM: Europe – Work Plan 2017 - 2020

1) Supportive tasks:

As a European contribution to the global process on developing a framework for monitoring UN indicators, UN-GGIM: Europe will through the Working Group on Data Integration, ensure interaction with the Working Group on Geospatial Information from the Inter-Agency and Expert Group on Sustainable Development Goals Indicators IAEG-SDG-WG-GI.

1) Specific tasks: In addition



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Supportive tasks for the UN-GGIM:Europe WG Data Integration

Inter-Agency and Expert Group on Sustainable Development Goal Indicators (IAEG SDGs)

- provide a proposal of a global indicator framework

IAEG SDGs Working Group on „Geographic Information“ (IAEG SDG WG GI)

- advance the understanding and the role of geospatial information in contributing to the indicators framework

UN-GGIM:Europe Work Group „Data Integration“

- **Supportive tasks** develop geospatial methodologies and approaches on monitoring, based on the specifications on indicators from there IAEG-SDG WG, making these available to the European authorities.:



UN-GGIM: Europe – Work Plan 2017 - 2020

1) Supportive tasks:

As a European contribution to the global process on developing a framework for monitoring UN indicators, UN-GGIM: Europe will through the Working Group on Data Integration, ensure interaction with the Working Group on Geospatial Information from the Inter-Agency and Expert Group on Sustainable Development Goals Indicators IAEG-SDG-WG-GI.

1) Specific tasks: In addition

- ★ Develop **practical examples (best practice)** on specific national implementations on how Geospatial Information can support in processes of definition and monitoring of Sustainable Development Goals Indicators
- ★ Suggest **links between communities**: demographic, statistical and environmental data together with the Geospatial Location – ranging from the conceptual level to specific indicators.



16 Selected Indicators (Mexico City, 12-14.12.2016)

| | | Group 1 | Group 2 | Group 3 | Tier |
|--------|----------------|---------|---------|---------|------|
| 1.2.1 | Poverty | x | | | I |
| 1.4.1 | Poverty | | | x | III |
| 2.4.1 | Food | x | | x | III |
| 3.c.1 | Health | x | | | I |
| 4.6.1 | Education | x | | | II |
| 6.1.1 | Water | x | | | I |
| 6.3.2 | Water | | x | x | III |
| 6.6.1 | Water | x | x | x | III |
| 9.1.1 | Transportation | x | x | x | III |
| 11.3.1 | Cities | x | | | II |
| 11.6.2 | Cities | x | | | I |
| 11.7.1 | Cities | x | | | III |
| 14.1.1 | Marine | | x | x | III |
| 14.2.1 | Marine | | x | | III |
| 15.1.1 | Ecosystems | x | | | I |
| 15.3.1 | Ecosystems | x | x | x | III |

Task

Task

Task

Cross-cutting issues

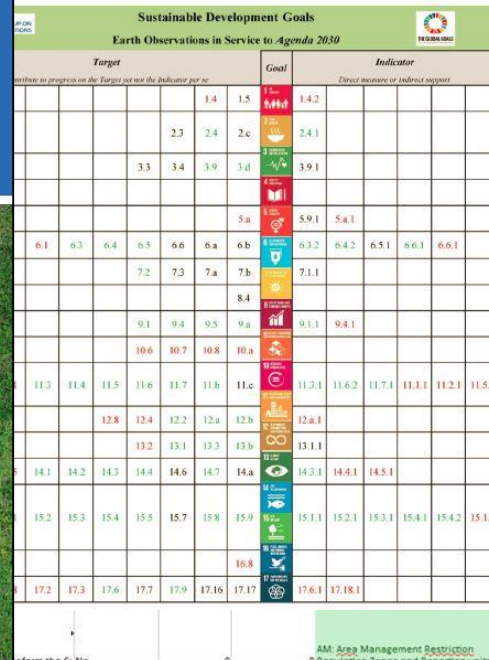
- ★ Task on disaggregation, including urban/rural.
- ★ Task on alternative data sources, including crowd sourced data etc..
- ★ Task on national versus global data.



Global, regional, local...



Neuaufgabe 2016



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In summary – WG tasks approved by the ExCom

| # | task | request | date |
|---|---|---------|------|
| 1 | <p>Draft ideas for a resolution to be prepared for UN-GGIM-7 (and formally proposed for UN-GGIM-8) on data integration topics</p> <p>Make use of the findings/recommendations of the deliverables B.1, B.2.1, B.2.2/2.3 and B.3.1.</p> <p>Proposal: methods/interaction → B2.2/B2.3</p> | ExCom | 2018 |
| 2 | <p>Select 1-3 new global, regional or national indicators (e.g. focusing on “accessibility”) reflecting the European perspective (INSPIRE, Copernicus,...) reflecting “data integration” aspects and cross-cutting issues</p> | WP | 2018 |
| | | | |



WG B subgroups for tasks 2017-2020*

Subgroup 1

Subgroup “Draft ideas for a resolution to be prepared for UN-GGIM on data integration topics”

Lead: Eurostat, Contact point: [Ekkehard Petri](#), Eurostat

Country representation: NSI Sweden (SE), NMCA Austria (AT), NSI Serbia (RS), NMCA Netherlands (NL), NMCA and NSI Germany (DE), NSI Turkey (TR), NSI Poland (PL)

Subgroup 2

Subgroup “Selection of 1-3 new global, regional or national indicators reflecting the European perspective”

Lead: Portugal (PT), Contact point: [Francisco Vala](#), Statistics Portugal

Country representation: NMCA Finland (FI), NSI Austria (AT), European Commission, NSI Switzerland (CH), NMCA Sweden (SE), NMCA Denmark (DK), e-GEOS Italy (IT), NMCA Spain (ES), EEA, NMCA Germany (DE)

* All WG B member countries not yet listed (e.g. United Kingdom – UK, Norway - NO, Greece - GR) and countries which are not yet listed as members are requested to contact the chair for nominations



Thank you very much for your attention!

Chair: Prof. Hansjörg Kutterer

Contact: UN-GGIM: Europe, WG B „Data Integration“:

Pier-Giorgio Zaccheddu, „Technical Leader“

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