Global Statistical Geospatial Framework – update

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UN-GGIM | United Nations Commitee of Experts on Global Geospatial Information Management

Statistical Commission

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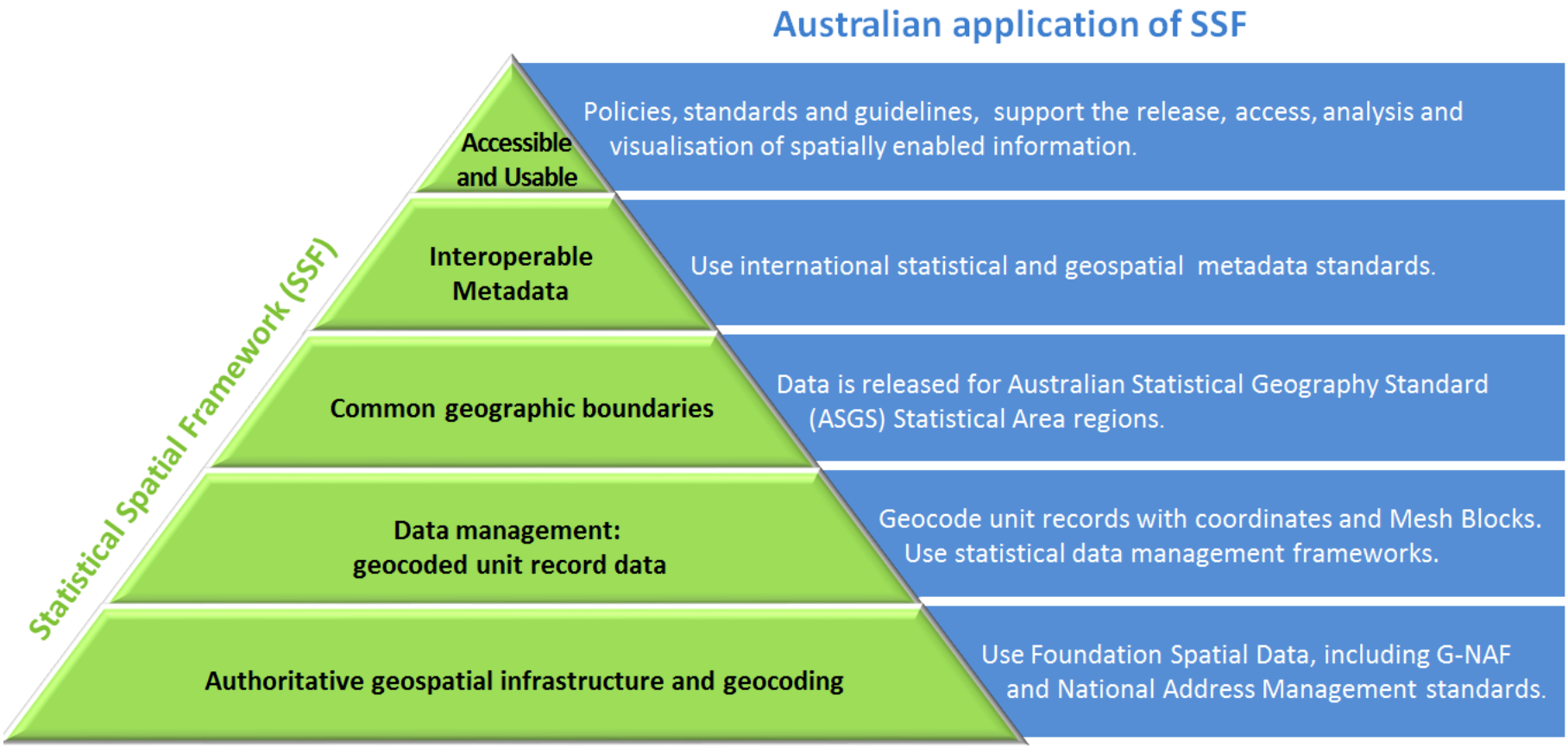
Outline

1. Origins of the Global Statistical Geospatial Framework

2. Purpose for the Global Statistical Geospatial Framework

3. Plans for the future

Australian SSF



International Mandate

UN Economic and Social Council (ECOSOC)

UN Statistical Commission (UNSC)

- Endorsed the Global Framework - March 2017

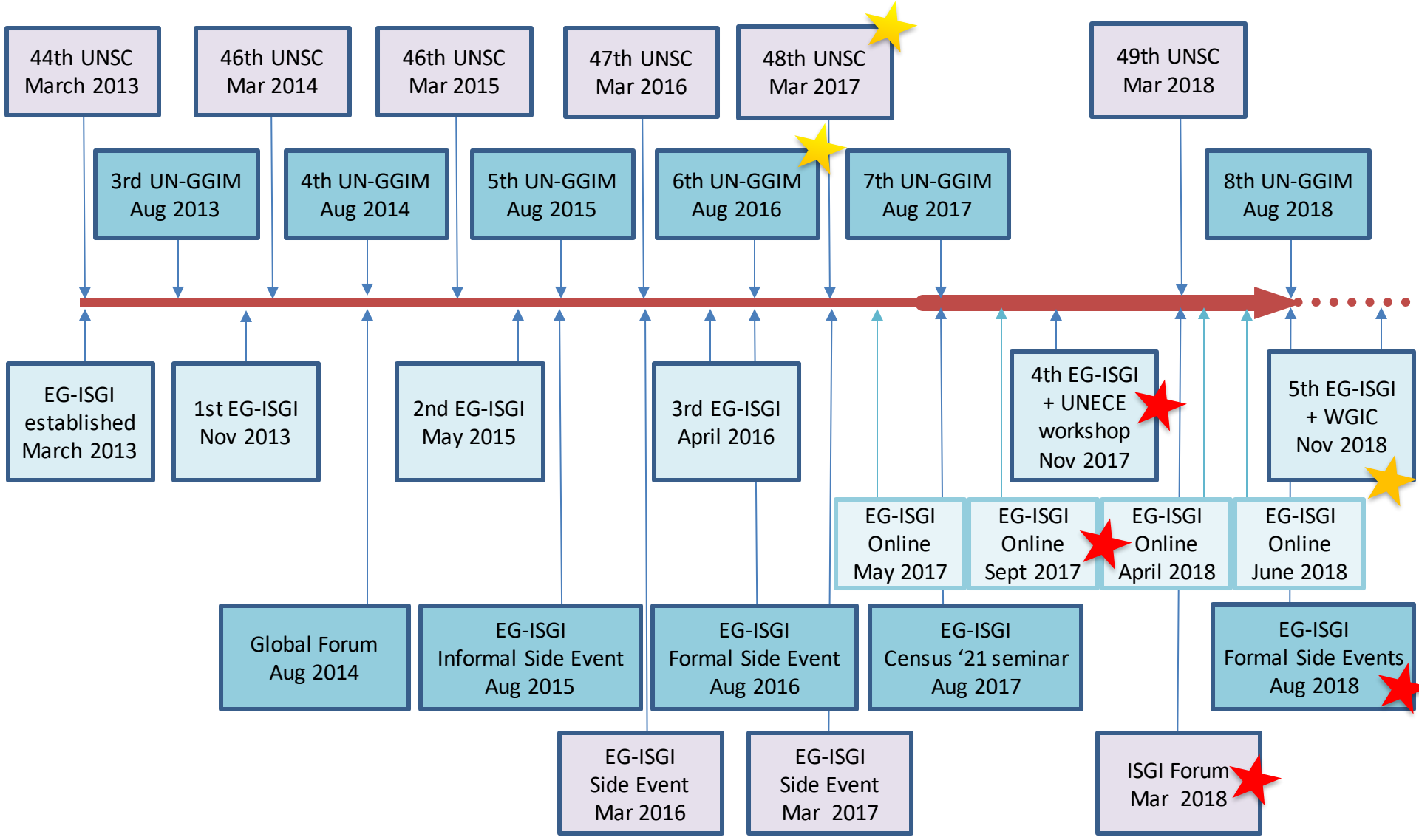
UN Committee of Experts on Global Geospatial Information Management (UN-GGIM)

- Adopted the Global Framework - August 2016

UN Expert Group – Integration of Statistical Geospatial Information

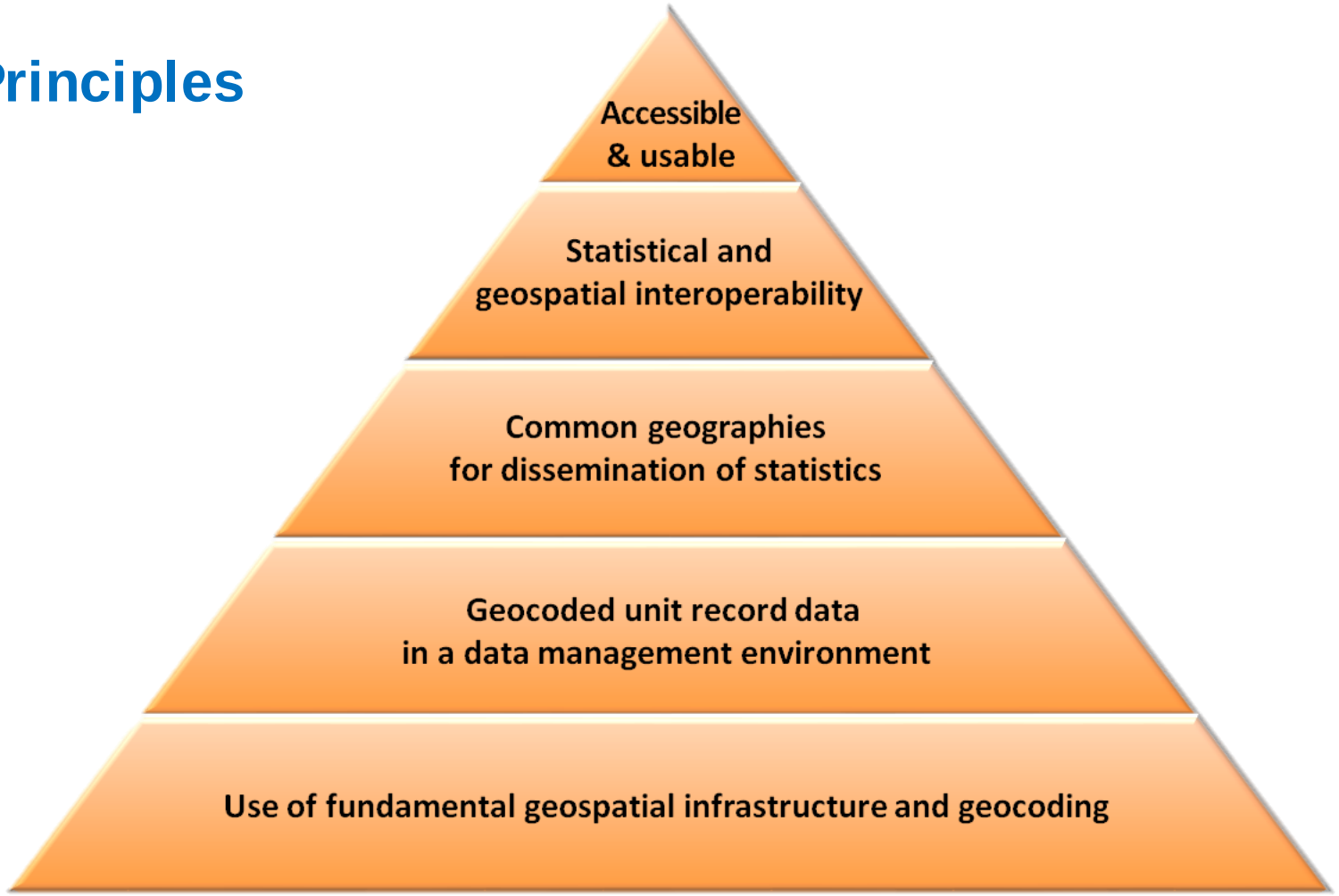
…. both communities

EG-ISGI: Timeline



Global Statistical Geospatial Framework

5 Principles



GSGF Purpose

"The Global Statistical Geospatial Framework will provide:

- a common method for geospatially enabling statistical and administrative data,
- ensure that this data can be integrated with geospatial information."

Proposal for a Global Statistical Geospatial Framework, UN-GGIM 6, 2016 New York

Bridging between two communities

Statistical Community

Socio-Economic Datasets

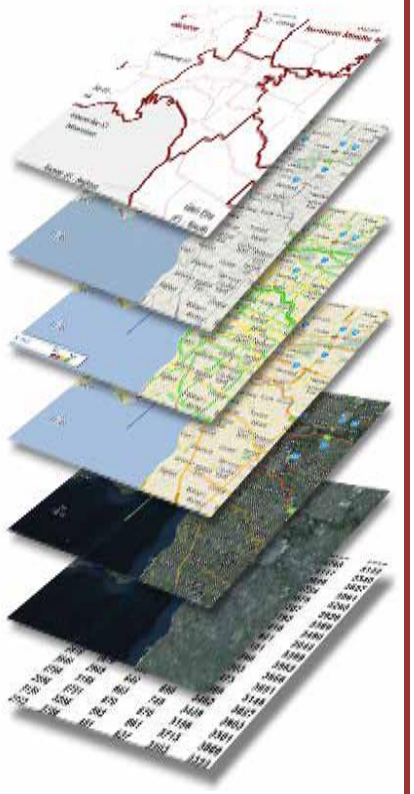
- **Core Statistical** — Census, Demographics, Agriculture, Building, Labour Force, etc.
- **Tax** — Income and Business Tax
- **Immigration**
- **Health** — Medicare, Pharmaceuticals, Workforce
- **Land** — Valuation and Use
- **Social Welfare** — Unemployment, Disability, Family Support
- **Others ...**

GSGF bridge

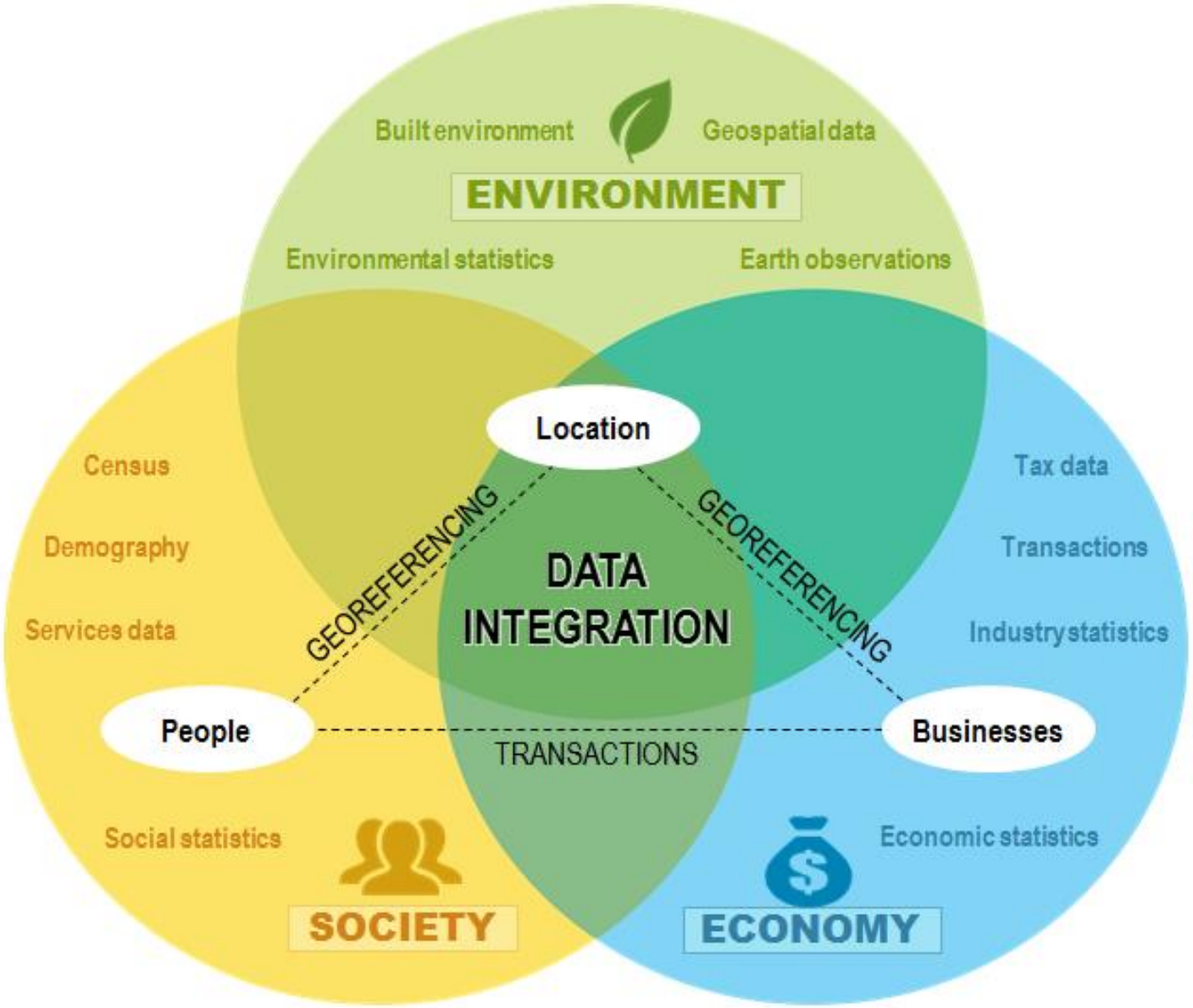
Spatial Community

Fundamental Geospatial Datasets

- Admin. & statistical boundaries
- Addressing, Place Names
- Transport, Water
- Land and Property
- Elevation and Depth
- Imagery
- Positioning



Location – bridging the 3 domains



EG-ISGI future plans

- Elaboration, promotion and implementation of the Framework
- Capability-building and knowledge management
- Showcase country and regional implementations
- Promote and support statistical-geospatial interoperability initiatives
- Coordinate, incorporate and build on the work done by stakeholder organisations

GSGF – Status paper

Global Statistical Geospatial Framework: Linking Statistics and Place

Current status and plans for development July 2018

United Nations Expert Group on the

Integration of Statistical and Geospatial Information

GGIM 8 meeting docs *or* **EG-ISGI webpage**

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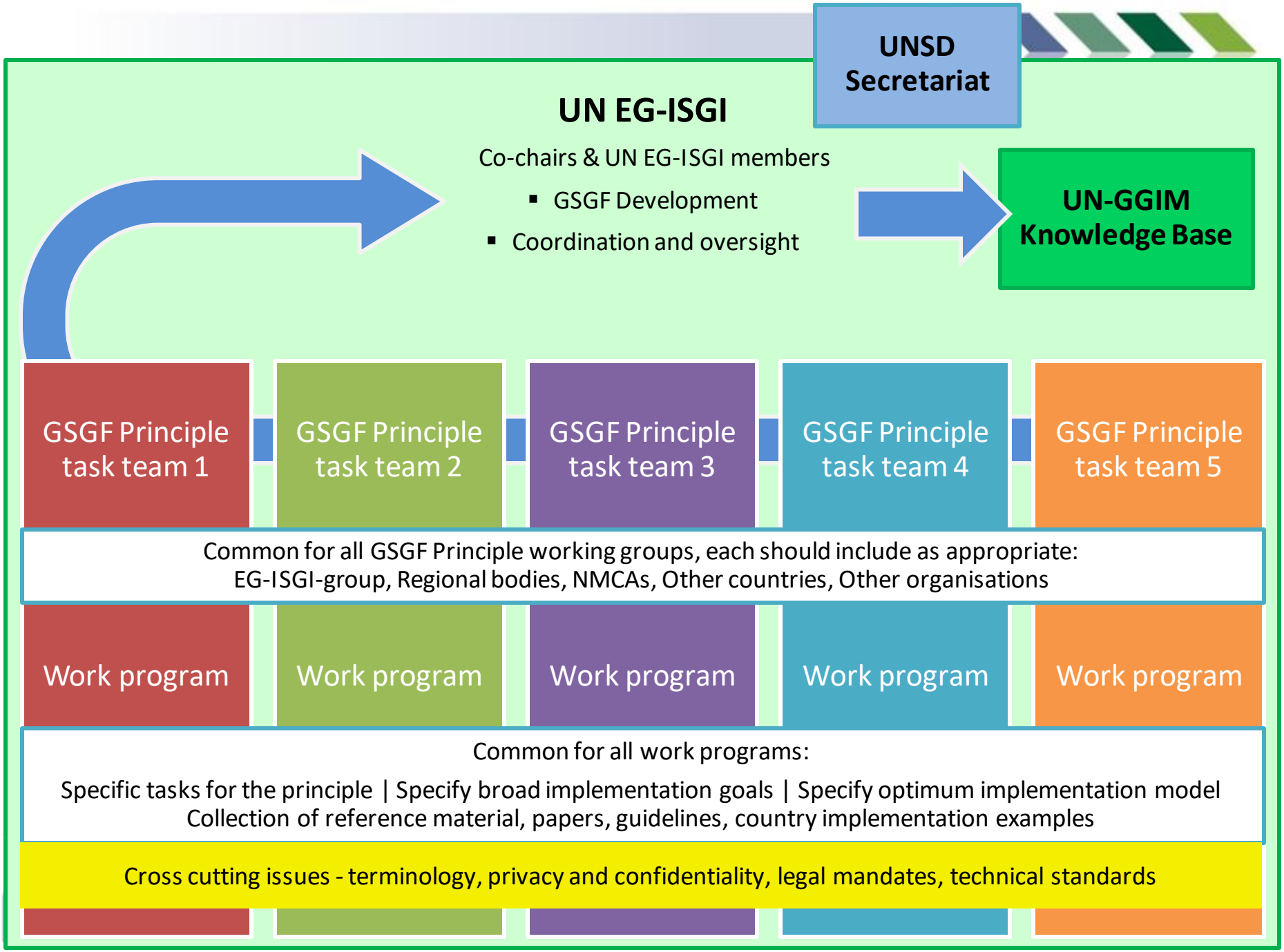
GSGF Principle Working Groups

GSGF Principle Task Teams

Lead countries - GSGF principles

GSGF Principle	Lead countries/orgs
Principle 1: Use of fundamental geospatial infrastructure and geocoding	Mexico / Germany
Principle 2: Geocoded unit record data in a data management environment	Australia / Sweden
Principle 3: Common geographies for dissemination of statistics	Poland / Candada
Principle 4: Statistical and geospatial interoperability	Eurostat / UNECE
Principle 5: Accessible and usable geospatially enabled statistics	UK / USA


UNSD Secretariat
UN EG-ISGI
Co-chairs & UN EG-ISGI members
GSGF Development
Coordination and oversight
UN-GGIM Knowledge Base
GSGF Principle task team 1
GSGF Principle task team 2
GSGF Principle task team 3
GSGF Principle task team 4
GSGF Principle task team 5
Common for all GSGF Principle working groups, each should include as appropriate:
EG-ISGI-group, Regional bodies, NMCAs, Other countries, Other organisations
Work program
Work program
Work program
Work program
Work program
Common for all work programs:
Specific tasks for the principle | Specify broad implementation goals | Specify optimum implementation model
Collection of reference material, papers, guidelines, country implementation examples
Cross cutting issues - terminology, privacy and confidentiality, legal mandates, technical standards

UNECE & UN-GGIM: Europe

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Interoperability

Short-term high impact projects

- Increasing visibility across communities of standards, framework and technologies
- Increase understanding of data exchange points across two communities
- Specific projects on pain points
  – identifiers, semantics and data storage

Interoperability

Longer term proposals

- Increased collaboration and communication on standards across two communities
- Including geospatial processes and information in statistical frameworks and models
- Including statistics among the global fundamental geospatial data themes
- Core geospatial metadata for statistical products
- Collaboration on address and building registers

Looking Forward

- Grow geospatial community engagement
- Follow through to further elaborate Global Framework and provide supporting material
- Work to enhance interoperability
- Promote and support implementation of the Global Framework
- Work on statistical-geospatial coordination, particularly on SDGs and 2021 Census

EG-ISGI meetings

UNITED NATIONS
WORLD GEOSPATIAL
INFORMATION CONGRESS

Deqing, Zhejiang Province, China
19-21 November 2018

- Session on Statistical Geospatial Integration
- EG-ISGI formal meeting