

Eighth Session of the Committee of Experts on UN-GGIM *Subcommittee on Geodesy*



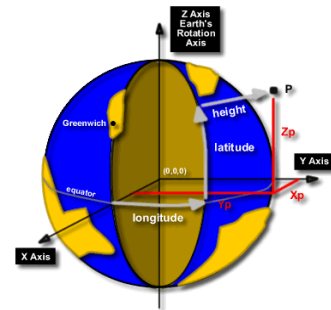
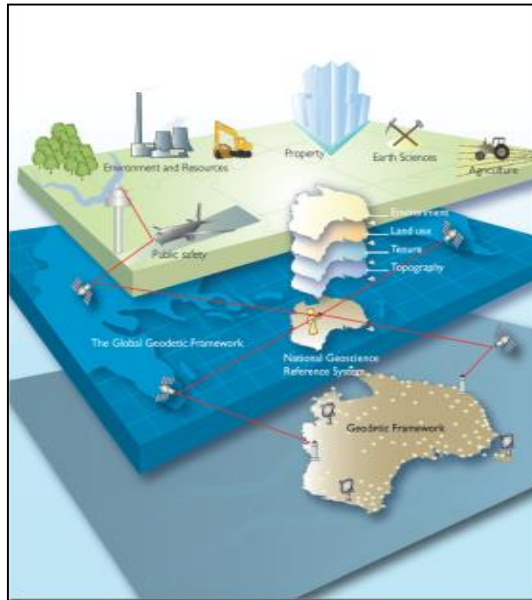
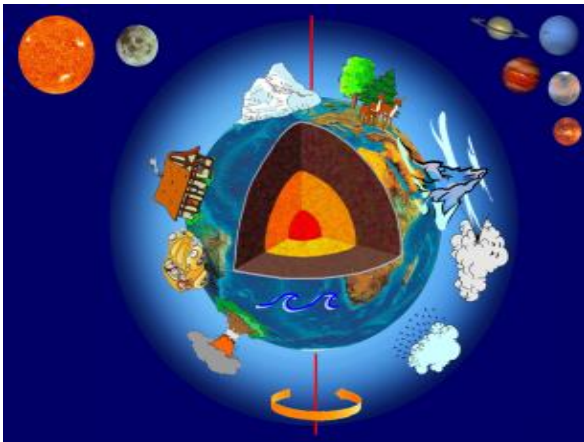
UN-GGIM

United Nations Committee of Experts on
Global Geospatial Information Management

Positioning geospatial information to address global challenges

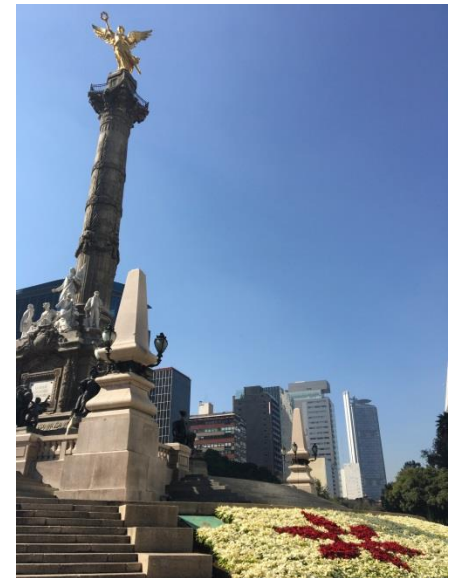
ggim.un.org

- The Global Geodetic Reference Frame (GGRF) is the foundation of virtually every aspect of the collection, management and use of national geospatial information and global monitoring of the Earth
- The GGRF underpins:
 - Earth and Climate science
 - Economic Development and Sustainability, including efficiencies in Industry
 - Public Safety and Disaster Management
 - Land and Water Administration, and Environmental Management



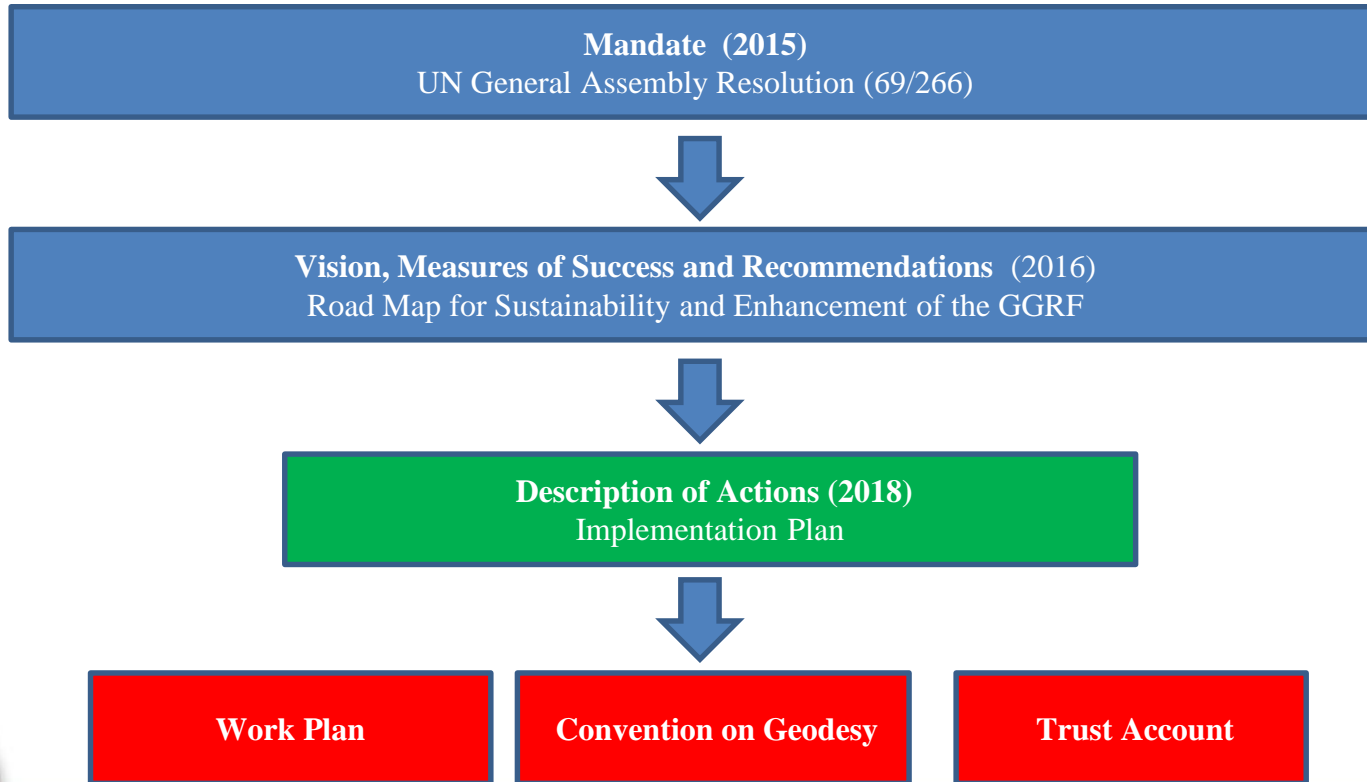
Sub-Committee activities

- Sub-Committee on Geodesy (SCoG) comprises 40 Member States, with 9 vacant seats from Africa. The International Association of Geodesy (IAG) and the International Federation of Surveyors (FIG) are Associate Members.
- Sub-Committee efforts have focused on development of the Roadmap Implementation Plan, and Position paper on Governance.
- The inaugural meeting of the SCoG occurred in the margins of the HLF in Mexico city, November 2017. Several informal SCoG meetings have occurred along with numerous teleconference meetings which focused on developing the draft Road map Implementation Plan and Position paper on Governance



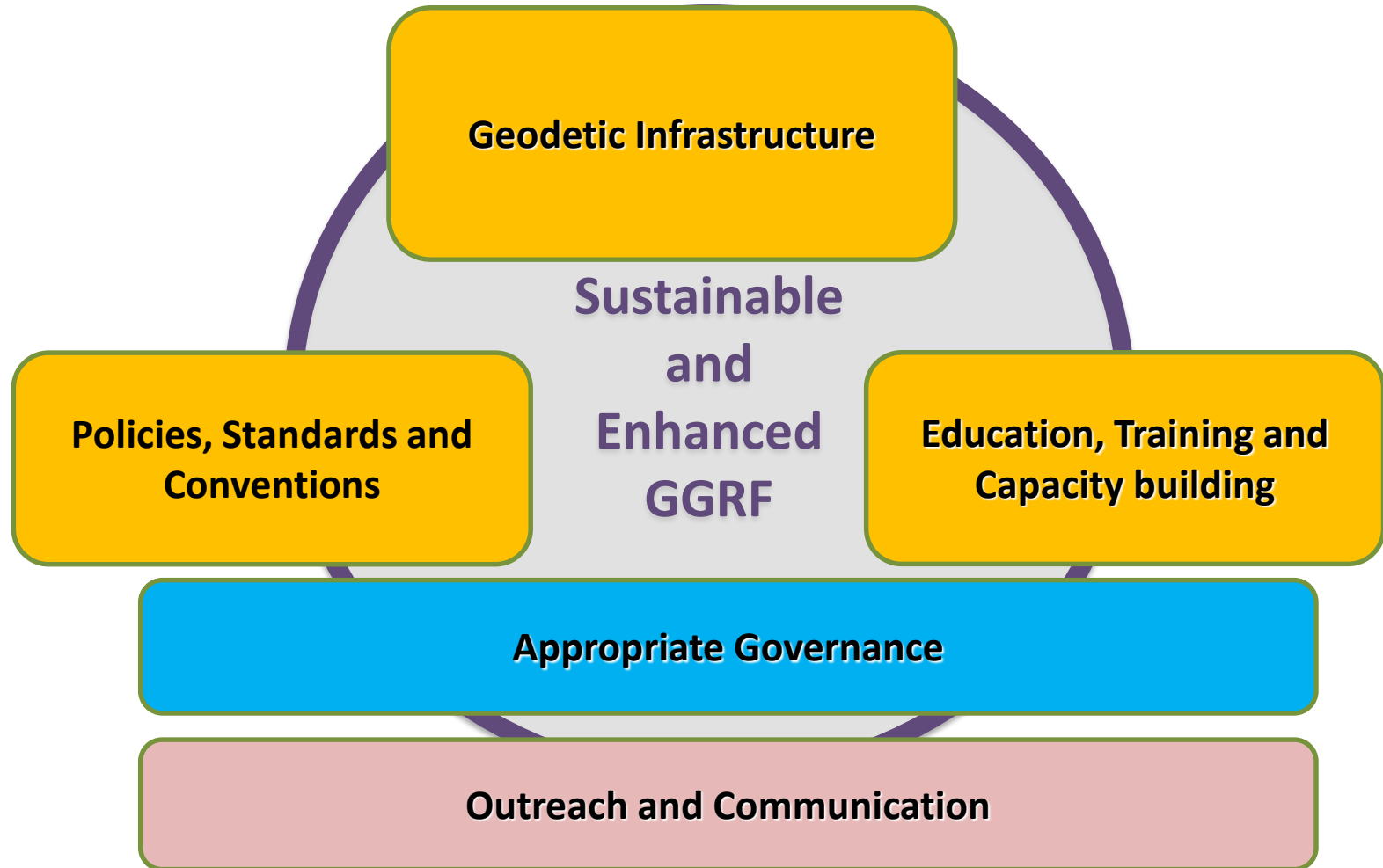
Sub-Committee Progress

- Recognising its importance the UN General Assembly adopted resolution 69/266 in February 2015, entitled 'A Global Geodetic Reference Frame for Sustainable Development'
- At the 6th session of UN GGIM, the Road Map for the development and sustainability of the Global Geodetic Reference Frame was endorsed by the CoE, who then requested the development of an implementation plan, and a Position paper on Governance



Road Map VISION

An accurate, sustainable and accessible Global Geodetic Reference Frame to support science and society



Implementation Plan

- Implementation plan reports on work of the focus groups on Geodetic Infrastructure; Policies, Standards and Conventions; Education, Training and Capacity Building; and Outreach and Communication
- Reviews the Measures of Success and Recommendations which were included in the Road Map (which was endorsed at the 6th session (2016))
- Develops action for each of the recommendations detailed in the Road Map
- Provides additional background and reference material in the annexes

Highlights

- Compilation of geodetic standards
- Case Studies of data sharing policies
- Questionnaire on Reference Frame Competency as input to planning for education, Training and Capacity Building
- Plan to create of a Geospatial Communication network

Next Steps

- Develop a work plan to start real action
- Engage more strongly with Nations on their needs

Position Paper on Governance

- The Road Map (which was endorsed at the 6th session (2016)) recognised the need for enhanced governance of global geodesy
- At the 6th Session the CoE asked the Sub-Committee on Geodesy to develop a Position Paper on Governance, and bring it back at the 8th session
- The Position Paper suggests possible future initiatives that could fill the current gaps in governance arrangements and their respective attributes
- Position Paper is a discussion document which is intended to commence a broader consultation process which will explore the viability of future governance mechanisms, including those identified in the paper

Key Points

- Possible creation of a UN convention on geodesy in the medium to long term as a way of engaging commitment from the willing member states
- Creation of a UN Trust Account, as a mechanism for managing financial contributions from appropriate donors
- Modification / enhancement of the Sub-Committee Terms of Reference to provide clearer description of the modalities and procedures

Next Steps

- Encourage broader participation in SCoG activities through new TOR's
- SCoG to work with the CoE and secretariat to explore governance mechanisms including broad consultation when appropriate

Discussion

The Committee of Experts is invited to:

- (a)** Take note of the present report and the work of the Subcommittee on Geodesy;
- (b)** Express its views on the revised terms of reference for the Subcommittee on Geodesy, with a view towards their endorsement (Annex I to this present report);
- (c)** Express its views and provide guidance on the progress of the Road Map Implementation Plan);
- (d)** Express views and provide guidance on the Position Paper on Governance; and
- (e)** Take note of the next meeting of the Subcommittee on Geodesy, to be convened on the margins of the United Nations World Geospatial Information Congress in Deqing, China in November 2018;