



FIG WORKING WEEK 2019

22–26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



Asia Pacific Capacity Development Network (AP CDN)

*Report to the 42th General Assembly
FIG Working Week 2019, Hanoi - Vietnam*

Rob Sarib – Chair

ORGANISED BY



Monday, 22 April 2019

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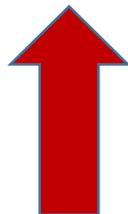


ICONS of SUCCESS



Our Purpose !

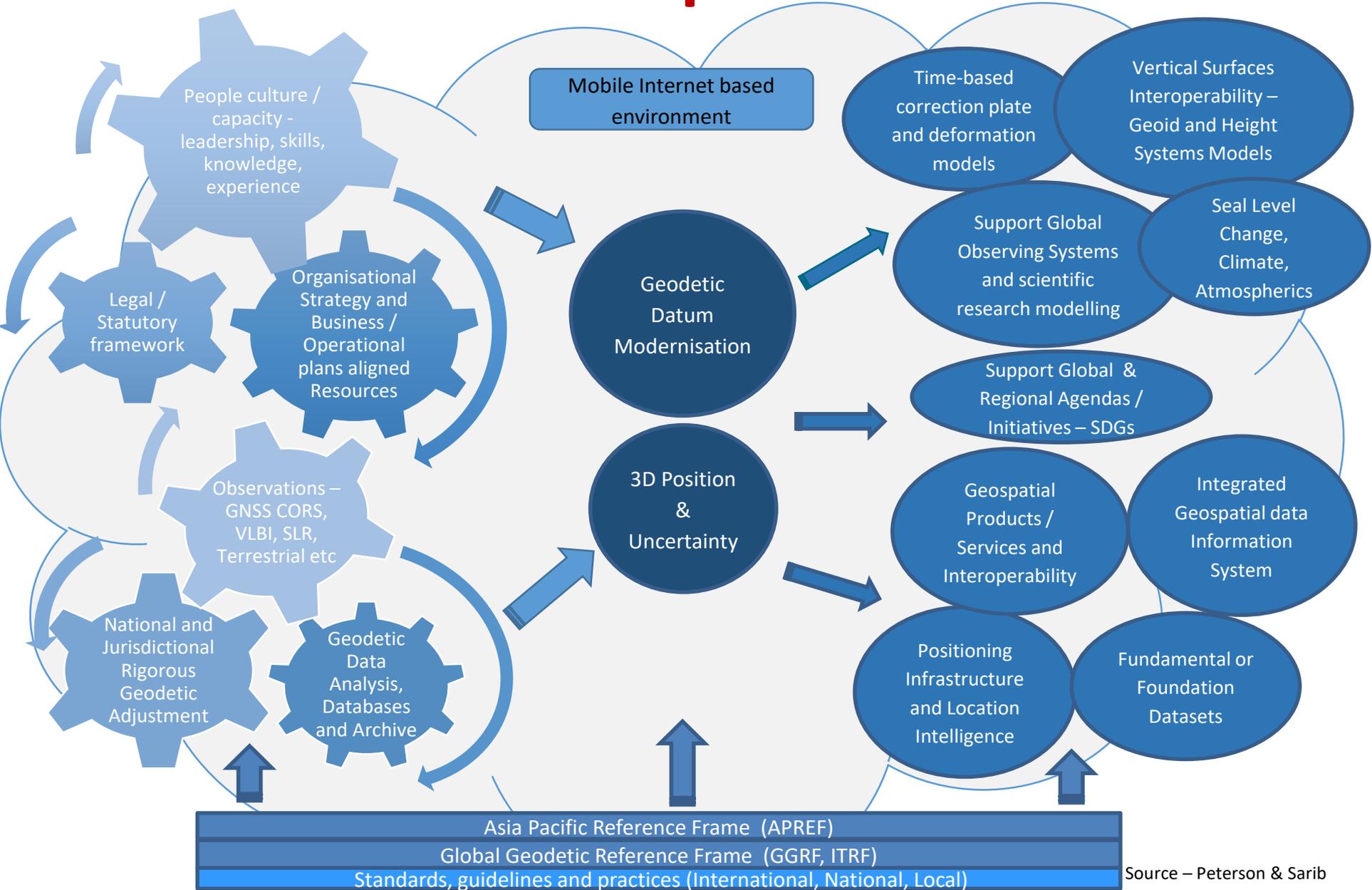
“Responsible governance frameworks and integrated administrative systems of tenure (rights and interests) for land and marine are underpinned by



Modernisation – establish, maintain, upgrade



Modernised Geospatial Framework



Our capacity building outcomes !

- Geospatial and Surveying professionals -
 - have ***the capability to address the regional social, economic, environmental and technological challenges***
 - are ***self-reliant*** and have ***a culture and environment*** of learning, innovation, comprising of a blend of mature and young professionals, and gender.
- Activities have progressed through ***alliances and relationships*** with relevant like-minded bodies and / or development partners.
- Challenges are resolved by a ***regional, unified, coordinated and collaborative approach***



How we achieve it !

- An ***independent advocacy*** role for the geospatial and surveying community
- Provision of ***technical, administrative and professional support and information***
- ***Organise, facilitate and actively participative*** in -
 - Discussion forums
 - Meetings
 - Seminars / Workshops
 - Technical Sessions
- Encourage ***co-operation and collaboration***
- ***Connecting*** and ***engaging*** professional networks



PGSC and UN GGIM Meeting – Nuku’alofa, Tonga April 2018



Launched the 10 year Strategic Plan to ***“Position the Pacific Island Countries and Territories for the Future”*** ; the UN GGIM International Workshop on **Legal & Policy Framework for Geospatial Information**



Forum at the FIG Congress - Istanbul, Turkey May 2018



Positioning for the future – collaboratively formulated a **capacity building strategy, framework and implementation plans** for Asia and the Pacific, focusing on the needs / priorities ; **Identifying core competencies** for geospatial / geodetic surveying ; Investigate **who can provide the required professional development** ; Examine **mutual recognition of survey qualifications** ; Sharing resources

Reference Frame in Practice “Operational Aspects of GNSS CORS” - Suva, Fiji September 2018



Presentations and discussions - technical matters relating to GNSS CORS infrastructure ; **“What, Why and How” to build a sustainable and modernised geodetic reference frame and datum**; challenges in relation to geospatial information management and data sharing; **legal, policy, and codes of practice** (including standards); and the issues pertaining to **developing the capacity of surveyors** in the discipline of geodetic surveying.

UN GGIM AP Plenary / UN SCoG Meetings at the UN World Geospatial Information Congress - Deqing, China Nov 2018



Meetings / presentations on the status of the FIG AP CDN ; Work plan and joint activities for 2019 with the **UN Sub Committee on Geodesy - Education Training Capacity Building WG** - Allison Craddock / Mikael Lilje and **UNGGIM AP Reference Frames WG** – Basara Miyahara

President of UN GGIM AP for 2018-2021 is Andy Barnicoat from Australia (Geoscience Australia). Next UN GGIM AP Plenary meeting will be held in **Canberra 4-5 November 2019.**

What is happening in Hanoi ?

- **Asia & the Pacific Capacity Development Network Breakfast Meeting**
Wednesday, 24 April at 07:45–08:45
309b ("ESRI ROOM"), Vietnam National Convention Center
Purpose of this meeting is to verify the work plan; discover and share information on FIG AP CDN activities that are occurring in Asia and the Pacific region.
- **Good Practices in Land Administration in the Asia Pacific Region**
Wednesday, 24 April at 11:00–12:30
249bc ("SOUTH ROOM"), Vietnam National Convention Center
Jointly hosted by FIG, UN-Habitat/GLTN, LX Korea, CLSPI, FIG Asia Pacific Capacity Development Network, Vietnam Association of Geodesy, Cartography and Remote Sensing, UN-GGIM



What is happening in Hanoi ?

- **Strengthening Partnerships in Land Governance in the Asia Pacific Region**
Wednesday, 24 April 14:00–15:30
249bc ("SOUTH ROOM"), Vietnam National Convention Center
Jointly hosted by FIG, UN-Habitat/GLTN, LX Korea, CLSPI, FIG Asia Pacific Capacity Development Network, Vietnam Association of Geodesy, Cartography and Remote Sensing, UN-GGIM
- **Developing Capacity for Geodetic Infrastructure and Systems I and II (TS06I and TS07I)**
Thursday, 25 April at 11:00–12:30 and 14:00–15:30
249bc ("SOUTH ROOM"), Vietnam National Convention Center



What is happening in Hanoi ?

Developing Capacity for Geodetic Infrastructure and Systems I and II

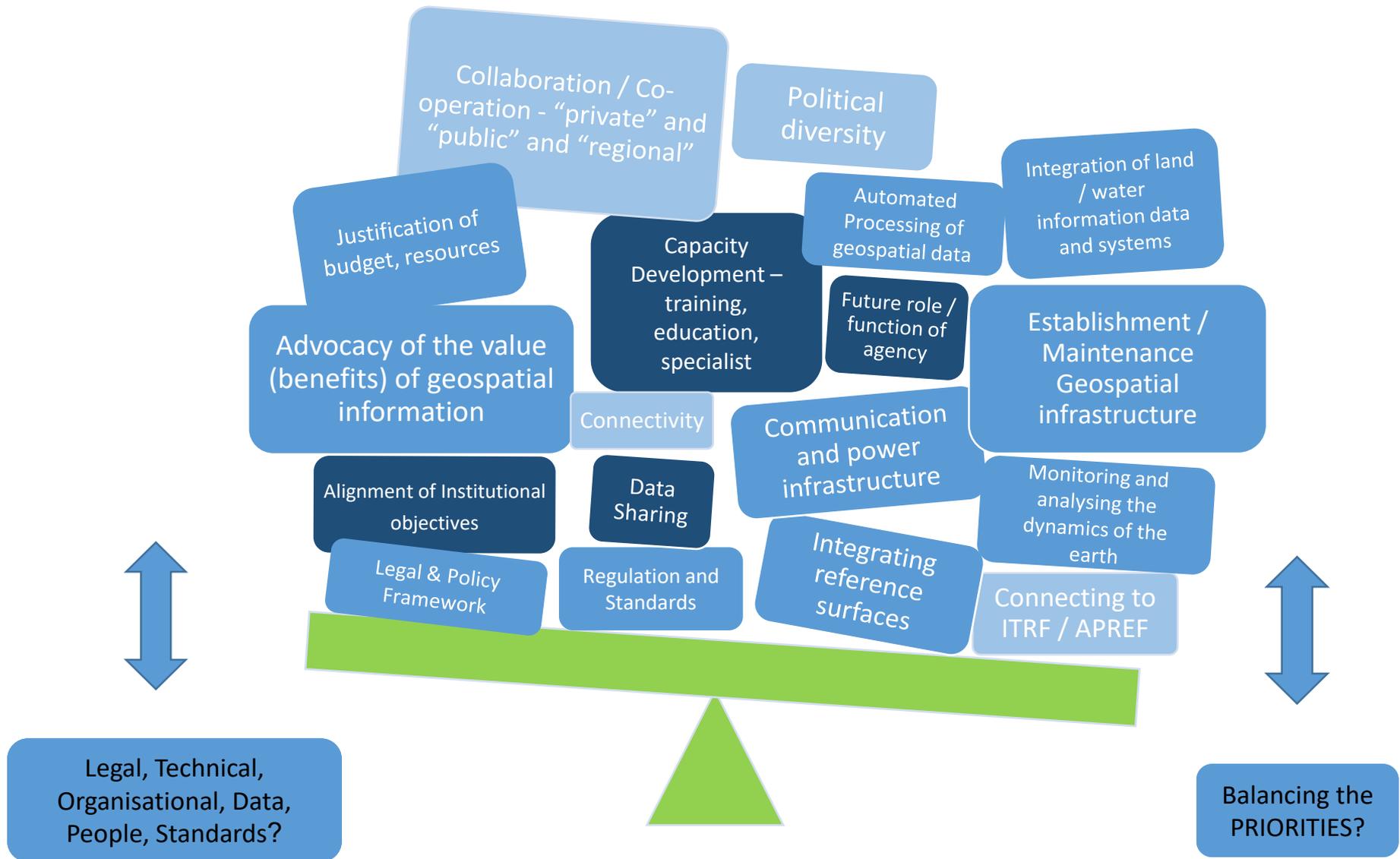
Jointly hosted with UN Global Geospatial Information Management for Asia Pacific Working Group 1 (UN-GGIM-AP WG1), UN Sub Committee on Geodesy Education Training and Capacity Building (UN SCoG ETCB)

Chair: Ms. **Allison Craddock**, United States and Mr. **Basara Miyahara**, Japan

- Country reports from the Asia Pacific region on the status of geodetic infrastructure / systems; major challenges; capacity development initiatives.
- Reports from the UN GGIM AP WG1, UN SCoG ETCB and FIG AP CDN on their workings and activities re building geodetic capacity
- A practical perspective on the principles and implementation of the UN Integrated Geospatial Information Framework.
- Case Studies on collaboration, strategic / operational planning, and political will re geodetic infrastructure and capability development

Opportunity to have open discussions on the development of a roadmap for the way forward

Which challenges are the priorities ?



What are the capabilities to enable geospatial organisations to

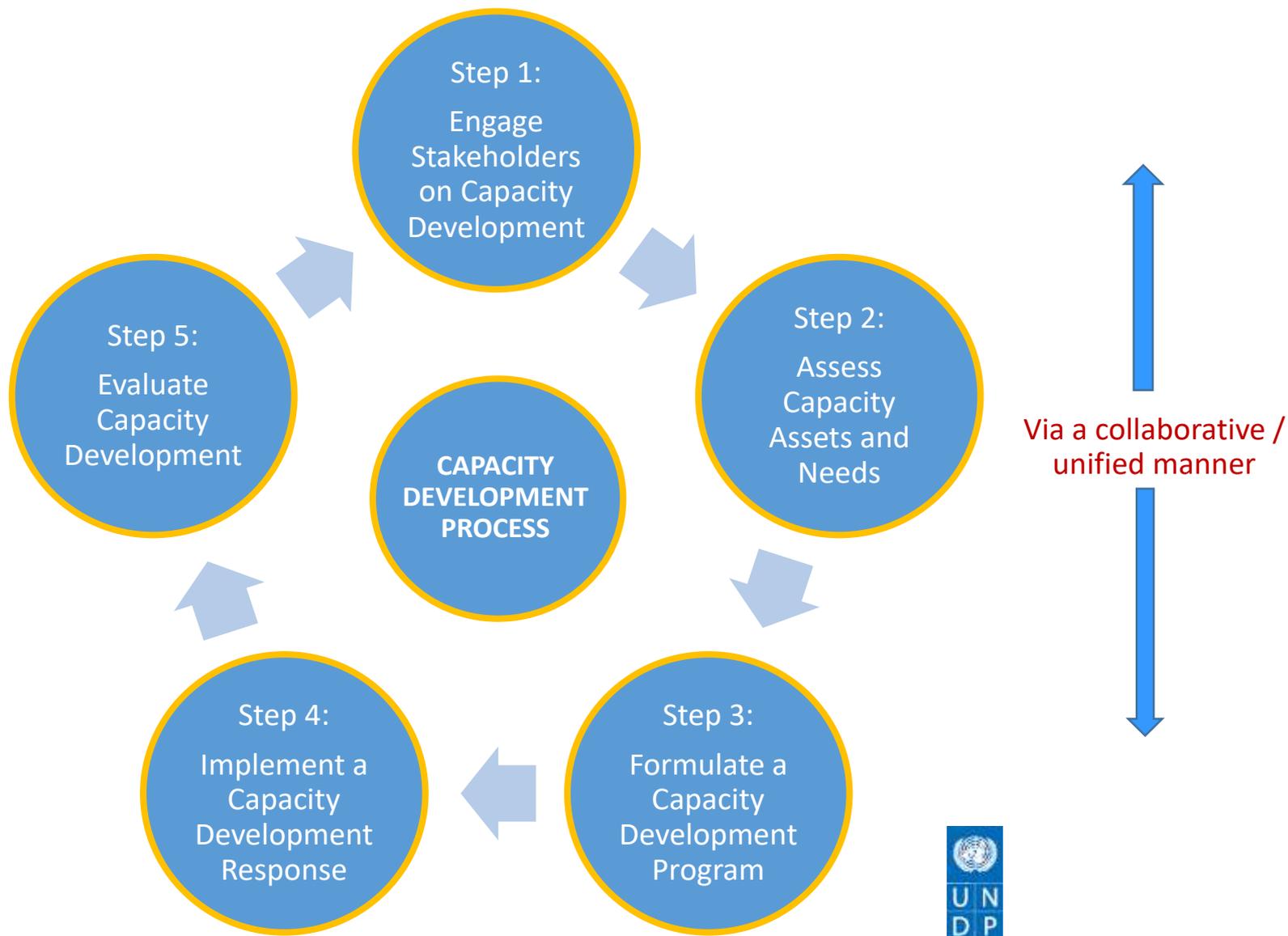
- Establish and maintain ***Geospatial Reference Systems***
- Use ***intelligent geospatial data*** (maps etc.) as a highly effective and advanced tool for ***decision making***.
- Ensure ***data is digital , interactive and has effective visualization***
- Incorporating ***geospatial information and technology in workflow management***
- Form geospatial information technology ***business strategies, plans and programs that are part of a national agenda***

What are the capabilities to enable geospatial organisations to ...

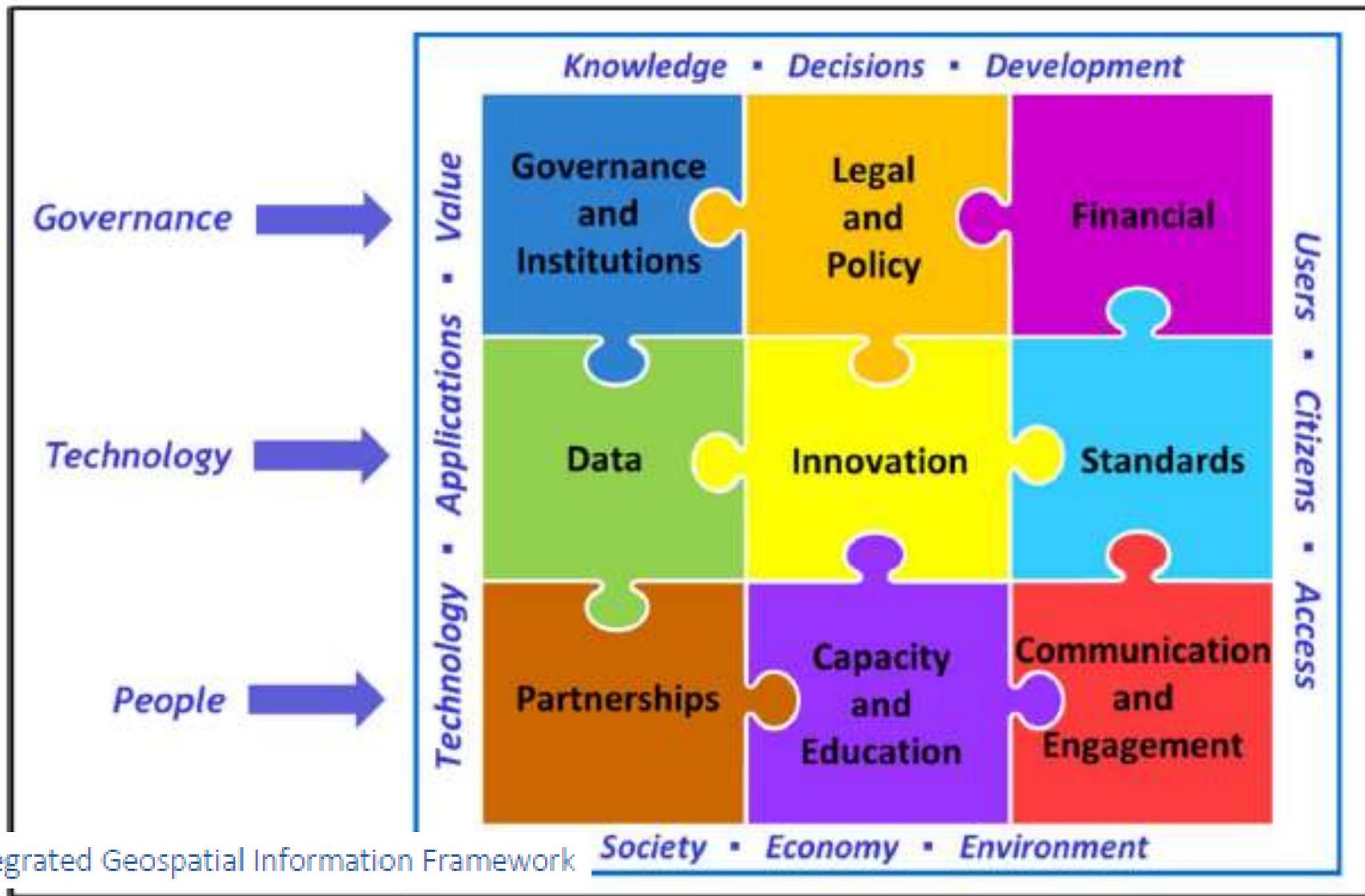
- Provide ***geospatial solutions for non-traditional sectors*** such as real-estate, building engineering, architecture, banking and financial services, retail and logistics, forestry etc.
- ***Collaborate with a diverse group*** of industry bodies, professional member networks, and commercial institution in delivery of services, products / applications (hardware, software, and content)

And how are we going to build the required capabilities ?

Capacity Development Process



Capacity Development Strategy, Framework , Implementation



Integrated Geospatial Information Framework

Have a productive and enjoyable - Working Work !



*Collaboration is the KEY !
Our geospatial future is in our hands*

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SEASC **2019**
DARWIN