



One Year On: From Recommendations to Action



The 2025 Workshop Outcomes, Recommendations, and Progress to Date

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South African National Geodesy Workshop 2026 | 30 September – 02 October 2026 | DLRRD, Pretoria



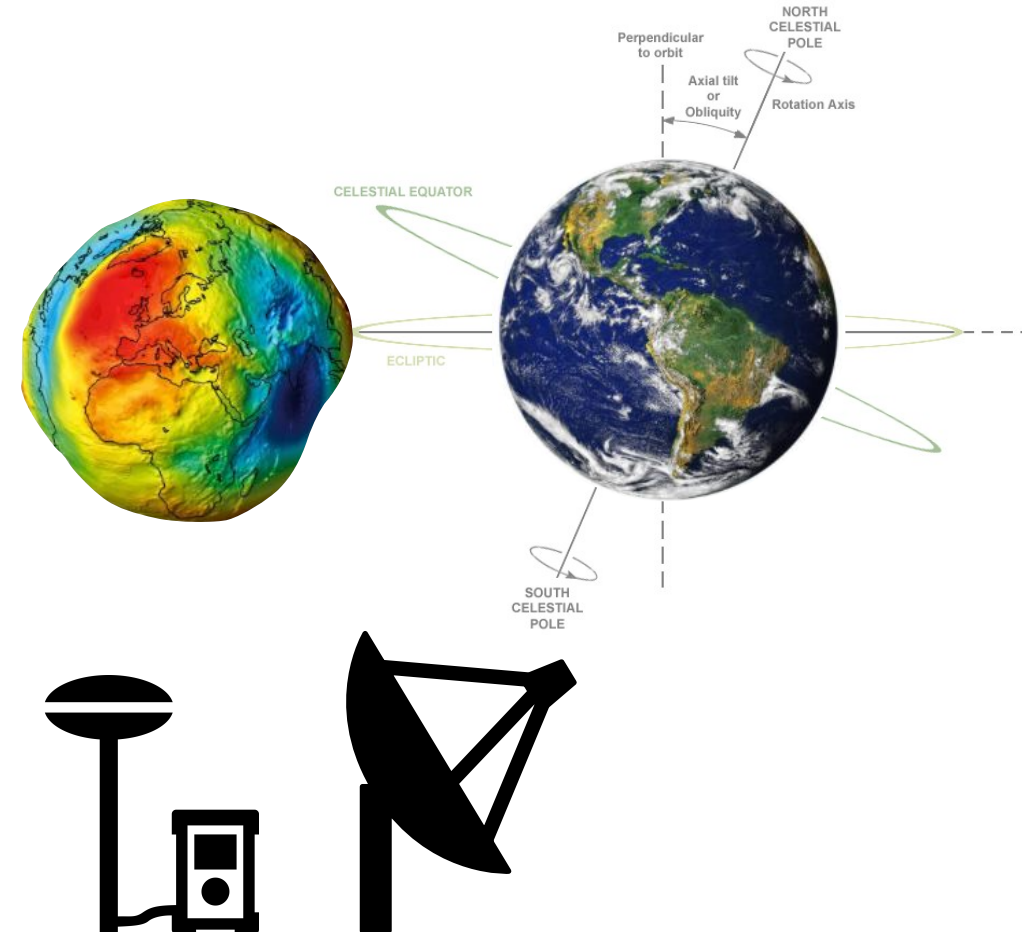
● Overview of the 2025 Workshop

- **The Geodesy Ecosystem**



- **What is Geodesy and Why is It Important?**

- **Geodesy updates from various Institutions: history, status, infrastructure, future plans**



● Overview of the 2025 Workshop



- **UN-GGCE: 1st Joint Development Plan (JDP)**



- **Building local and regional collaboration**
 - towards a SAGWG and GGOS Africa



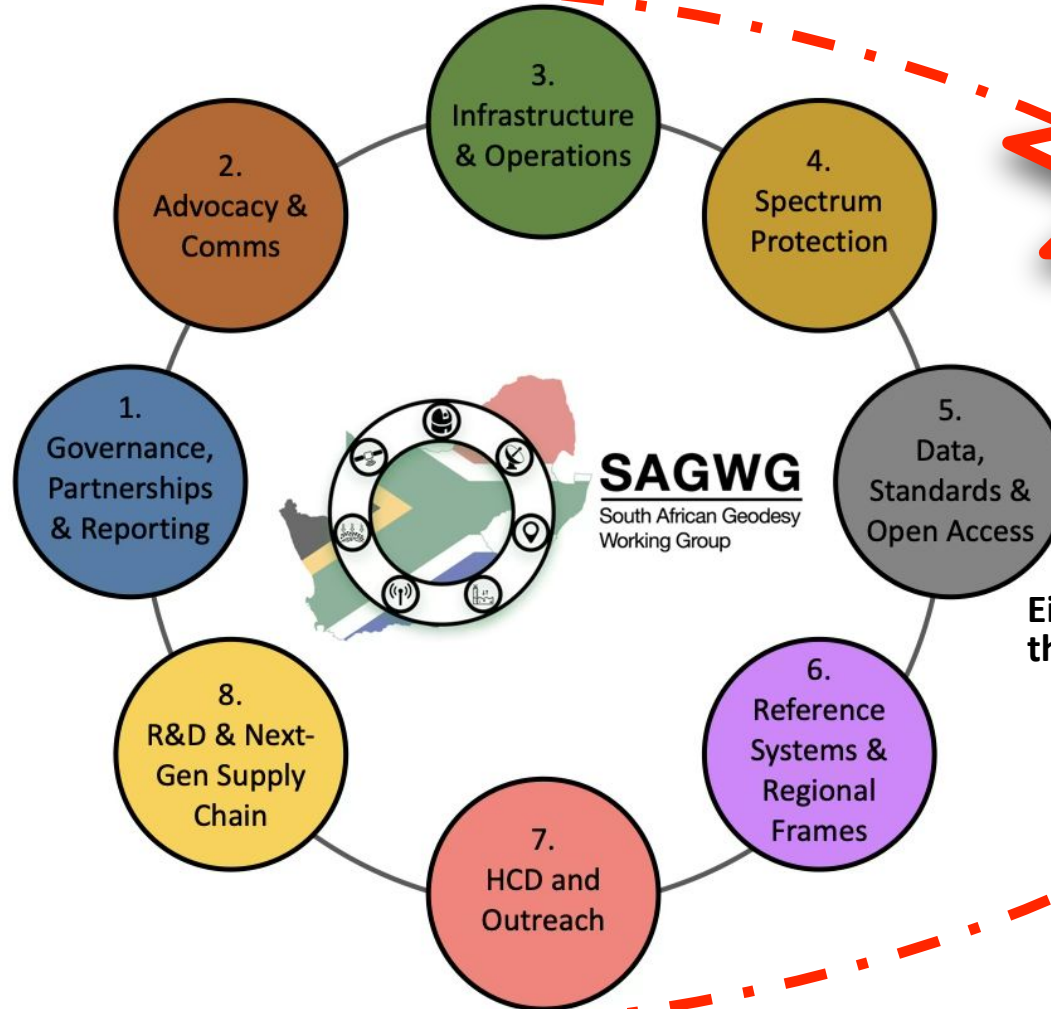
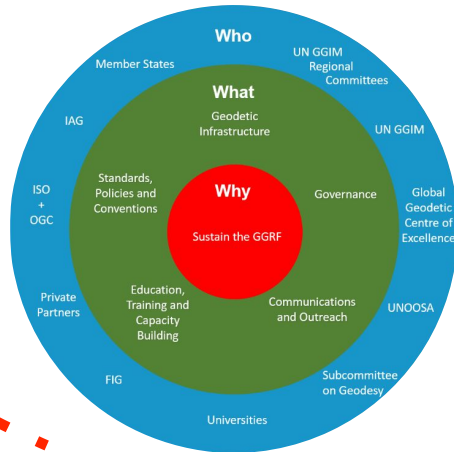
- **Establishment and Structure of the SAGWG**
 - National Strategy for Geodesy



● Overview of the 2025 Workshop



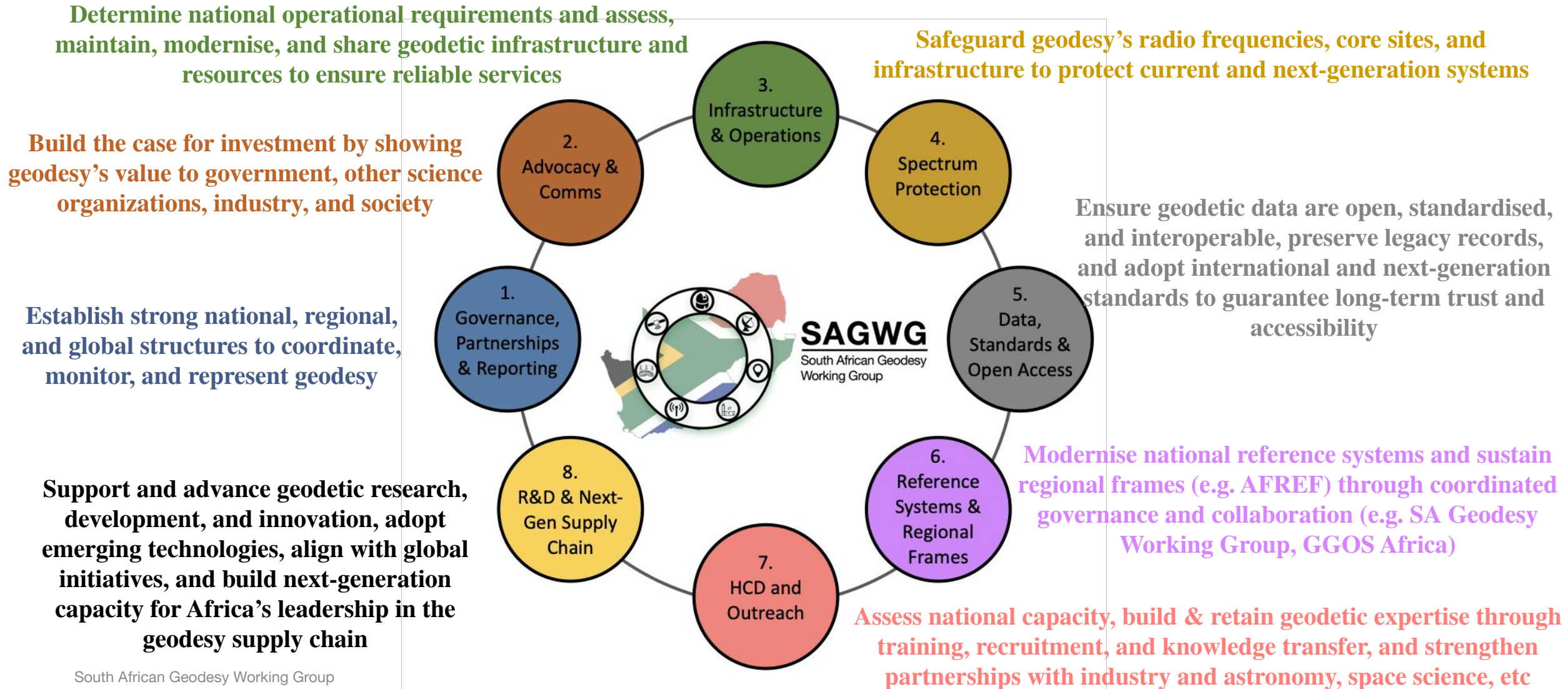
UN-GGCE: 1st Joint Development Plan



A National Strategy for Geodesy (DSTI & DLRRD)

Eight Pillars of the SAGWG

● Overview of the 2025 Workshop



2025 Geodesy Workshop: outcomes and recommendations

- **National foundation:** Held on 1–2 October 2025 at SAAO, Cape Town, the workshop brought government, research institutions, academia and industry together to strengthen geodesy coordination.
- **Shared direction:** Participants supported establishing the **South African Geodesy Working Group (SAGWG)** and endorsed an **eight-pillar framework** as the foundation for a National Geodesy Strategy.
- **Priority recommendations:** Formalise governance and partnerships; audit, modernise and protect geodetic infrastructure; strengthen data sharing, standards and reference frames; and expand skills, research and sustainable funding.
- **Compiled workshop report:** Consolidates presentations, discussions, stakeholder survey findings and recommended actions to guide national implementation and alignment with continental and global initiatives.

Implementation update

- **Implementation update: all recommendations underway**
- **Overall progress:** All workshop recommendations are underway, with delivery at different stages.
- **Governance and coordination:** Work is progressing on SAGWG establishment, the ToR, institutional partnerships and the national strategy and implementation arrangements.
- **Technical priorities:** Implementation work spans infrastructure assessment and modernisation, asset resilience, data access and standards, reference systems and geodetic analysis capacity.
- **People and collaboration:** Recommendations on training, scholarships, research, outreach and regional cooperation are also underway.
- **Outstanding milestone:** The SAGWG ToR being finalised for approval by lead Departments.

SAGWG Terms of Reference: mandate and governance

- **Mandate:** Develop and oversee a South African Geodesy Strategy and Implementation Plan for **2026–2031**, with measurable milestones and institutional responsibilities.
- **Joint leadership:** DLRRD and DST&I, supported by an annually rotating chair and a joint Secretariat.
- **Executive Committee:** Provides strategic oversight, resolves escalated matters and signs off the draft Strategy and Implementation Plan before submission for approval.
- **Steering Committee:** Coordinates implementation, reviews progress quarterly, and approves subcommittee chairs and membership.
- **Thematic subcommittees:** Undertake technical work and report quarterly to the Steering Committee.
- **Governance structure:** Executive Committee → Steering Committee → Thematic subcommittees, supported by the joint Secretariat.

Eight pillars, anticipated five subcommittees: establishment status

- **Eight pillars remain the thematic foundation:** Governance and partnerships; advocacy and outreach; infrastructure and operations; asset protection and resilience; data standards and open access; reference systems and regional frames; human capacity development; and research and innovation.
- **Anticipated delivery structure: Five subcommittees aligned to the eight pillars,** allowing related themes to be coordinated together.
- **Not a reduction to five pillars:** The anticipated consolidation concerns the **subcommittee structure**, not the removal of the eight thematic pillars.
- **Structure still to be finalised:** Subcommittee names and the allocation of pillars are not yet confirmed in the information provided.
- **Establishment status:** The ToR have been prepared but **have not yet been signed**. Member appointments and an inaugural meeting are not confirmed in this update.

Thank you

