

SA Geodesy Workshop: Pillar 2



Build the case for investment by showing geodesy's value to government, other science organizations, industry, and society

Development Plan Activities

Phase 1: Avoid further degradation of the global geodesy supply chain

- Develop and submit business cases to government to access resources
- Develop and communicate national and regional stories which demonstrate the value of geodesy to government, other science organizations, industry sectors and society

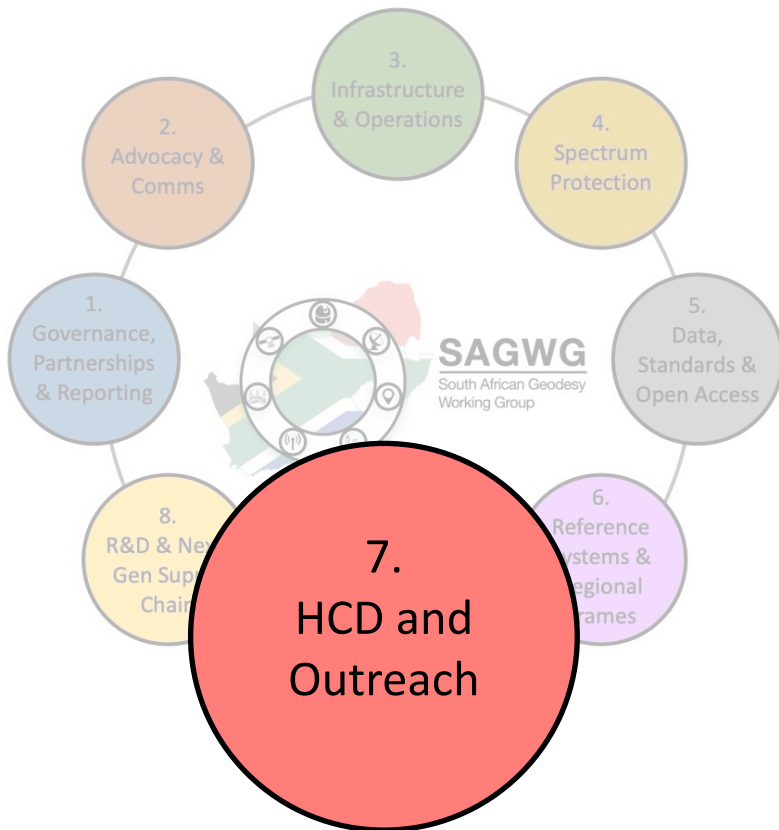
Phase 2: A robust global geodesy supply chain:

- Develop country-specific evidence (e.g., policy briefs, business cases, stories) to influence decision-makers and secure resources for a robust global geodesy supply chain, while designating and resourcing elements of that supply chain as critical national infrastructure where possible.
- Share evidence, and stories of success and failure (with respect to getting resources), with UN-GGCE to share with other Member States
- Increase awareness in the greater UN-community of the weaknesses of the supply chain and the need for improved governance

Phase 3: A next-generation global geodesy supply chain

- Same as Phase 2, but for a next-generation geodesy supply chain

SA Geodesy Workshop: Pillar 7



Assess national capacity, build and retain geodetic expertise through training, recruitment, and knowledge transfer, and strengthen partnerships with industry and astronomy, space science, and other sectors

Development Plan Activities

Phase 1: Avoid further degradation of the global geodesy supply chain

- Assess national needs and capacity gaps in geodesy to guide training, recruitment, and investment priorities
- Develop and retain a talented, diverse workforce in areas where skills are urgently needed
- Establish & strengthen formal geodesy training programmes, in partnerships with other sectors (astronomy space), international universities, industry
- Prioritise knowledge transfer by training new staff alongside experienced geodesists and ensuring continuity of expertise
- Increase recruitment of geodesists into science, defence, and government organisations to secure national capability
- Support geodesy research and development through scholarships, grants, and academic–industry collaboration

Phase 2: A robust global geodesy supply chain:

- Provide ongoing and sustainable financial support to the university sector for geodesy training and development programs

Phase 3: A next-generation global geodesy supply chain

In conjunction with the university sector, undertake the geodetic research and development required to sustain & enhance the global geodesy supply chain