

Thematic areas

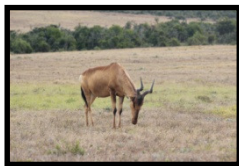
Recommendations and consolidation



Marine and Coastal Areas



Water Resources Management



Management of Natural Resources

Ensure that specific recommendations from the plenary are addressed in the thematic implementation plans.

Acknowledge the need for capacity building and harmonisation across themes.
Optimise training and acknowledge new higher education facilities are acknowledged (eg. Pan African Universities)

Ensure that cross-cutting issues are addressed by the infrastructure and governance plans. Examples:

High level communication between commissions, policies and strategies at AU level

Northern African countries are given adequate attention

Make sure links to existing initiatives are clear (centres of excellence, GEO)

Ensure a clear link between the thematic chapter and the infrastructure chapter (particularly with respect to calibration/validation)

MCA: *GMES and Africa* Priority Products

1. Operational coastal sea level, coastal circulation and coastal sea state
2. Operational biological productivity (data, analyses, imagery and mapping)
3. Coastal sensitivity and vulnerability atlases and state of environment reporting
4. Ship traffic situation and maps.
5. Regional weather forecast systems
6. Real-time Disaster Warning Systems
7. Mapping of coastal land use and nearshore coastal and marine habitats
8. Mapping marine and coastal ecosystem services.

WRM: *GMES and Africa* Priority Products

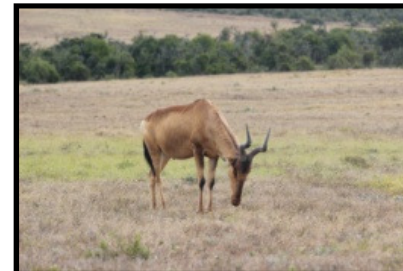
First priority is the continental scale level:

- Provision of a core set of continental scale EO-derived products covering different components of the water cycle at low spatial (approx. 1 Km) but higher temporal resolution (once per day) e.g.:
 - Precipitation, potential and actual Evapotranspiration, Soil moisture, Rivers and (ephemeral) lake water levels.;
- Basic meteorological products and short – medium range outlooks;
- Water quality monitoring in large lakes:
 - temperature, suspended sediments, chlorophyll;
- Integration of some products to:
 - derive regional scale water balances;
 - facilitate regional scale hydrological modelling.

NRM: *GMES and Africa* Priority Products

- **Land Cover & LCC maps for Africa** (Standardised format/different scales)
- **DSS for long-term NRM strategies in Africa** (Integrated approach (satellite, in-situ); GIS-based system for biodiversity monitoring, habitat management and environmental law enforcement (habitat maps, LC/LCC maps, environmental gradients, disturbance assessment, resource zonation etc.)

Consolidation of time frames and actions across the three thematic areas:



Consolidation period (1-2 years):

- Commencement of development of high priority operational products based on existing initiatives, projects and programmes in Africa and elsewhere;
- Building on existing requirements for training and infrastructure;
- Development of strategies for long term financial and technical support;
- Agreement on placement of *GMES and Africa* services, stakeholder engagement/ ownership.

Scaling-up period (3-5 years):

- Further development and scaling up of prioritized products;
- Implementation of an integrated capacity building/retention programme built on the activities of regional partners.
- Develop strategies to implement additional products based on emerging needs, requirements and technical developments.

Implementation Period (4-6 years):

- Continent-wide roll-out of operational priority products;
- Filling gaps in in-situ – infrastructure networks;
- Piloting additional products.