



**GEO  
WEEK  
2023  
MINISTERIAL  
SUMMIT**

#TheEarthTalks GEO WEEK & Ministerial Summit 2023

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## **Building strong EO value chains to listen to the Earth**

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06.11.2023 11:00



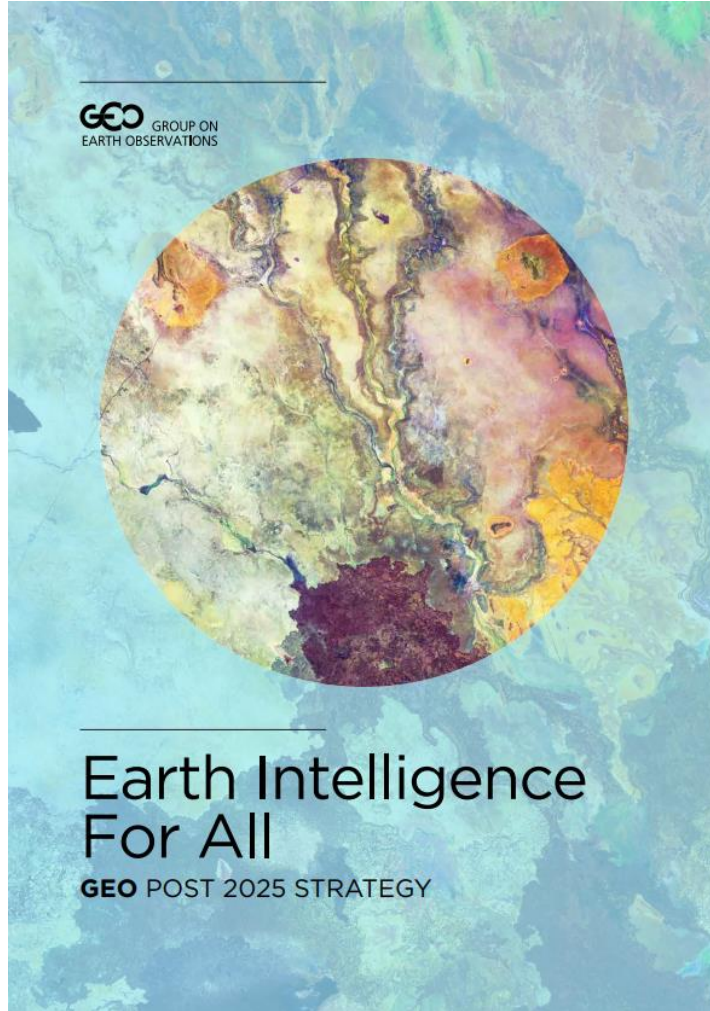
Mark Dowell  
European Commission JRC



science & innovation

Department:  
Science and Innovation  
REPUBLIC OF SOUTH AFRICA

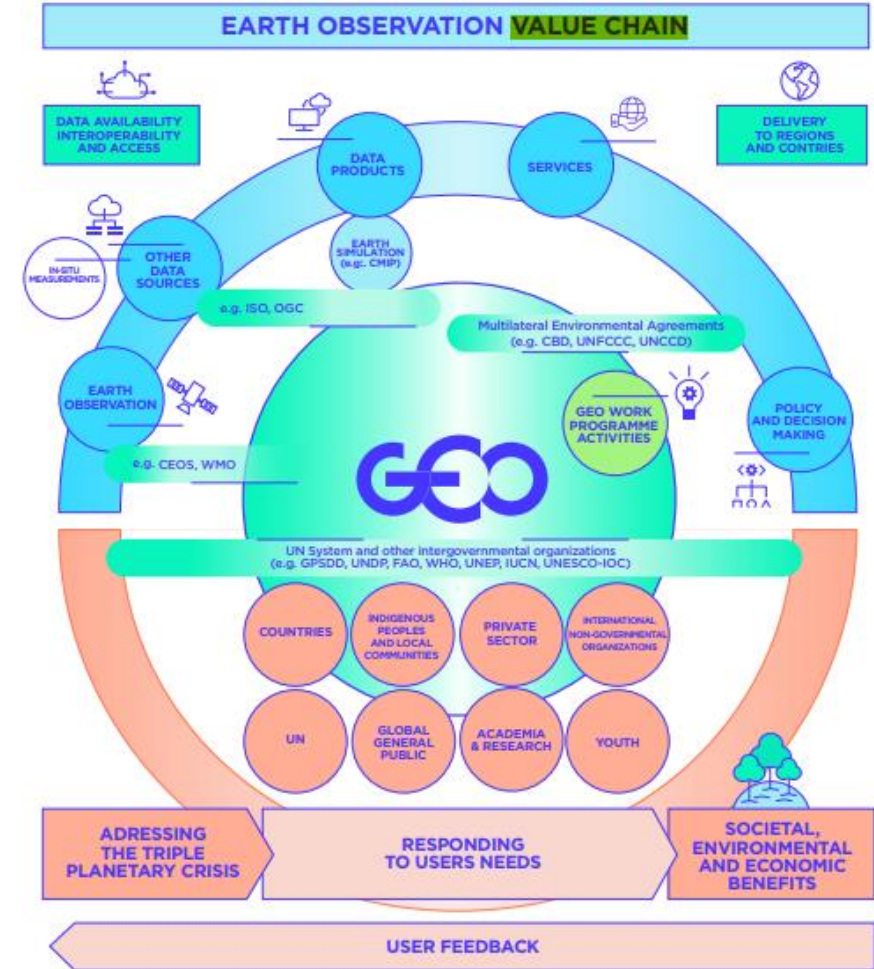




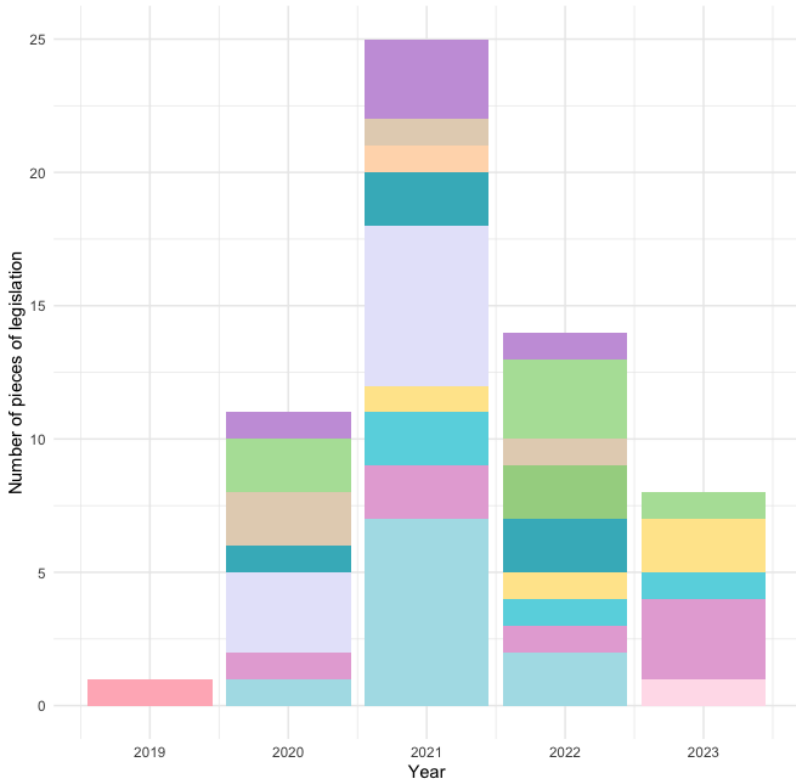
“... GEO will continue to facilitate the supply of Earth observation data, but at the same time strengthen demand-led activities, providing users with insights for better decision-making, **sourced from across the Earth observation value chain** and covering multiple thematic areas.”

“...Co-design user-orientated services by identifying policy and decision-making needs, ... identifying **affordable and trusted Earth observation components—from across the value chain**— required to sustain these products; “

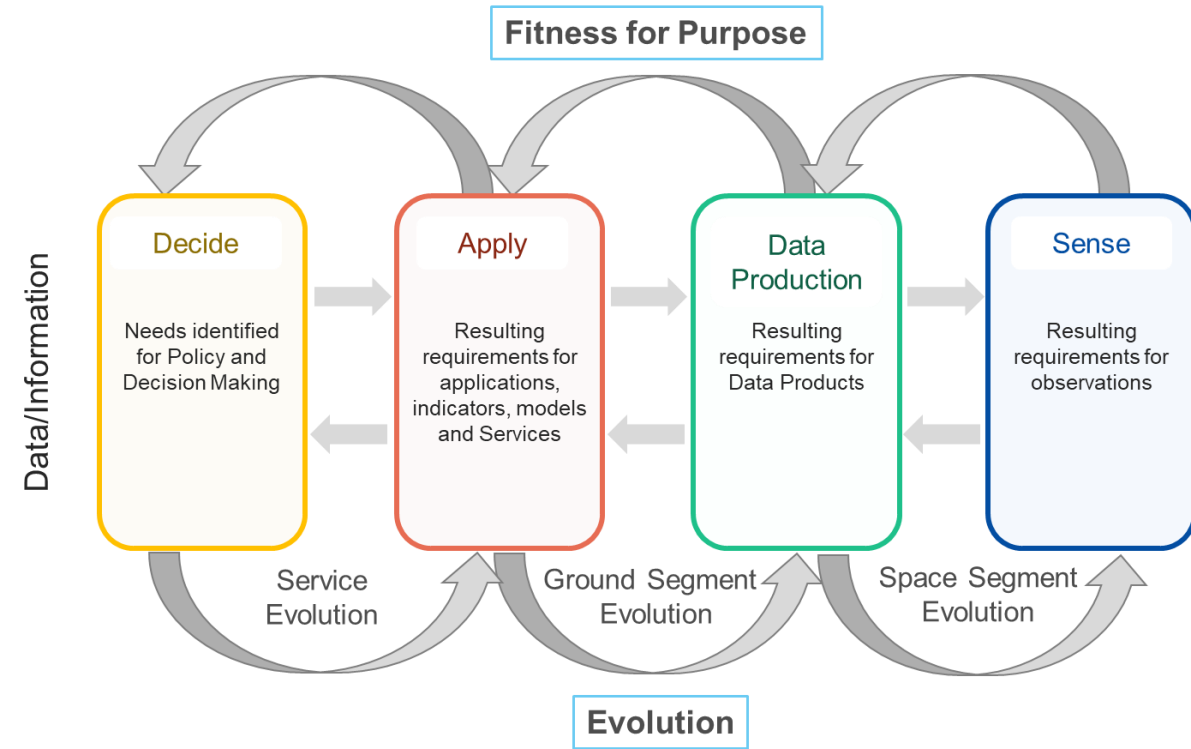
“... increase awareness of **all stakeholders in the Earth observation value chain** and enable the implementation and adequate resourcing of GEO’s mission and programmes. **GEO’s systematic approach across the value chain will strengthen the case for investments** in Earth observations, products and services. “



# Traceability through the value chain



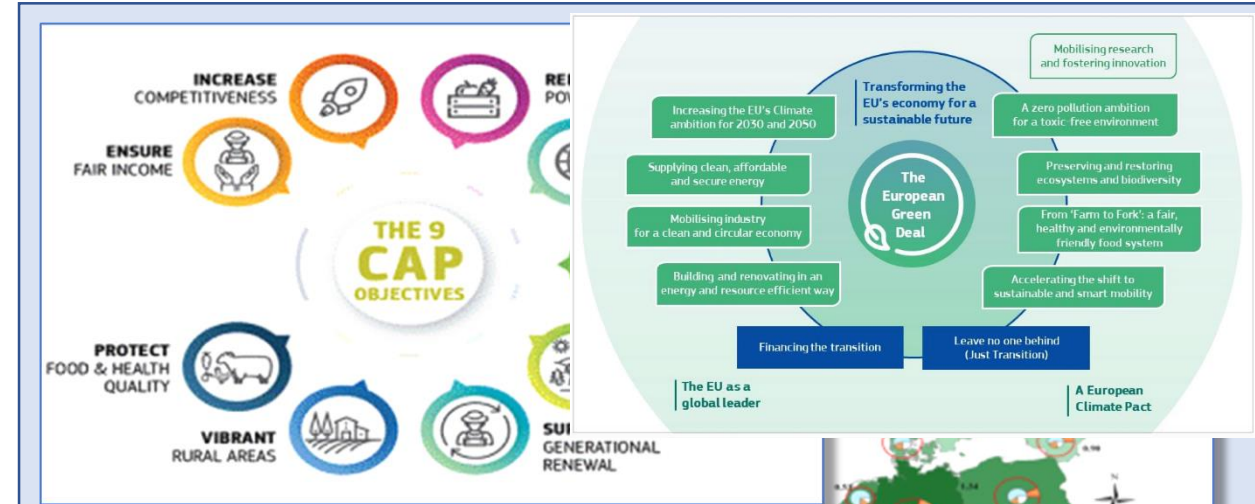
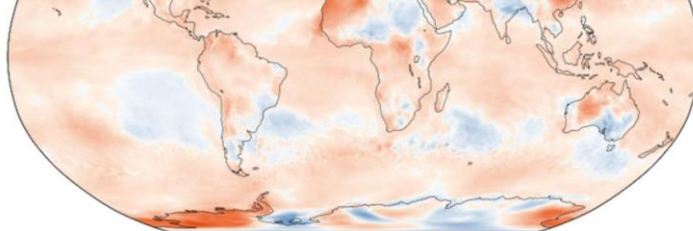
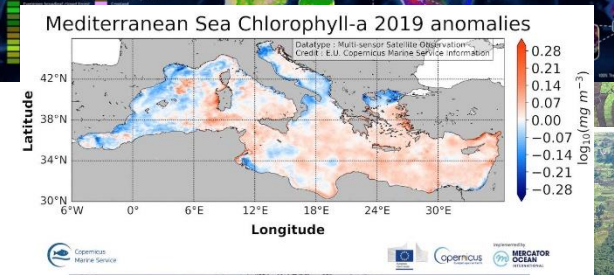
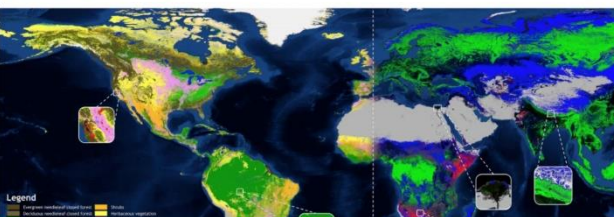
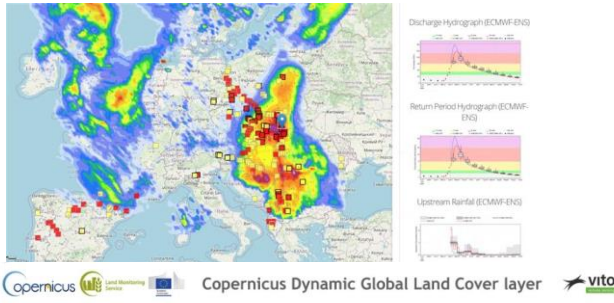
## Co-design



From monitoring



to understanding



# Value of Core Services



CLIMATE CHANGE



MARINE MONITORING



ATMOSPHERE MONITORING



LAND MONITORING

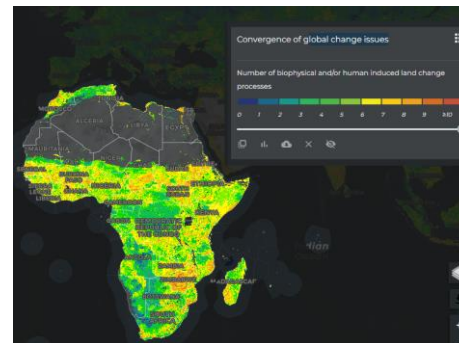
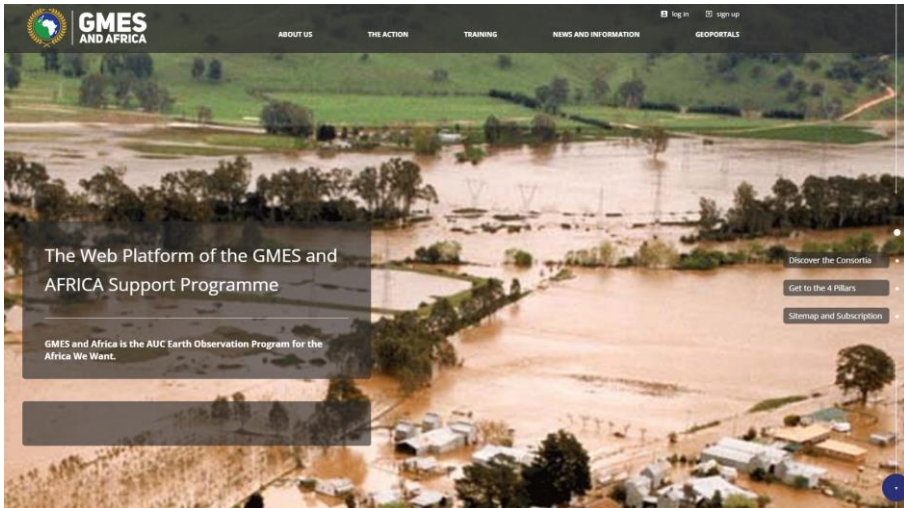


SECURITY

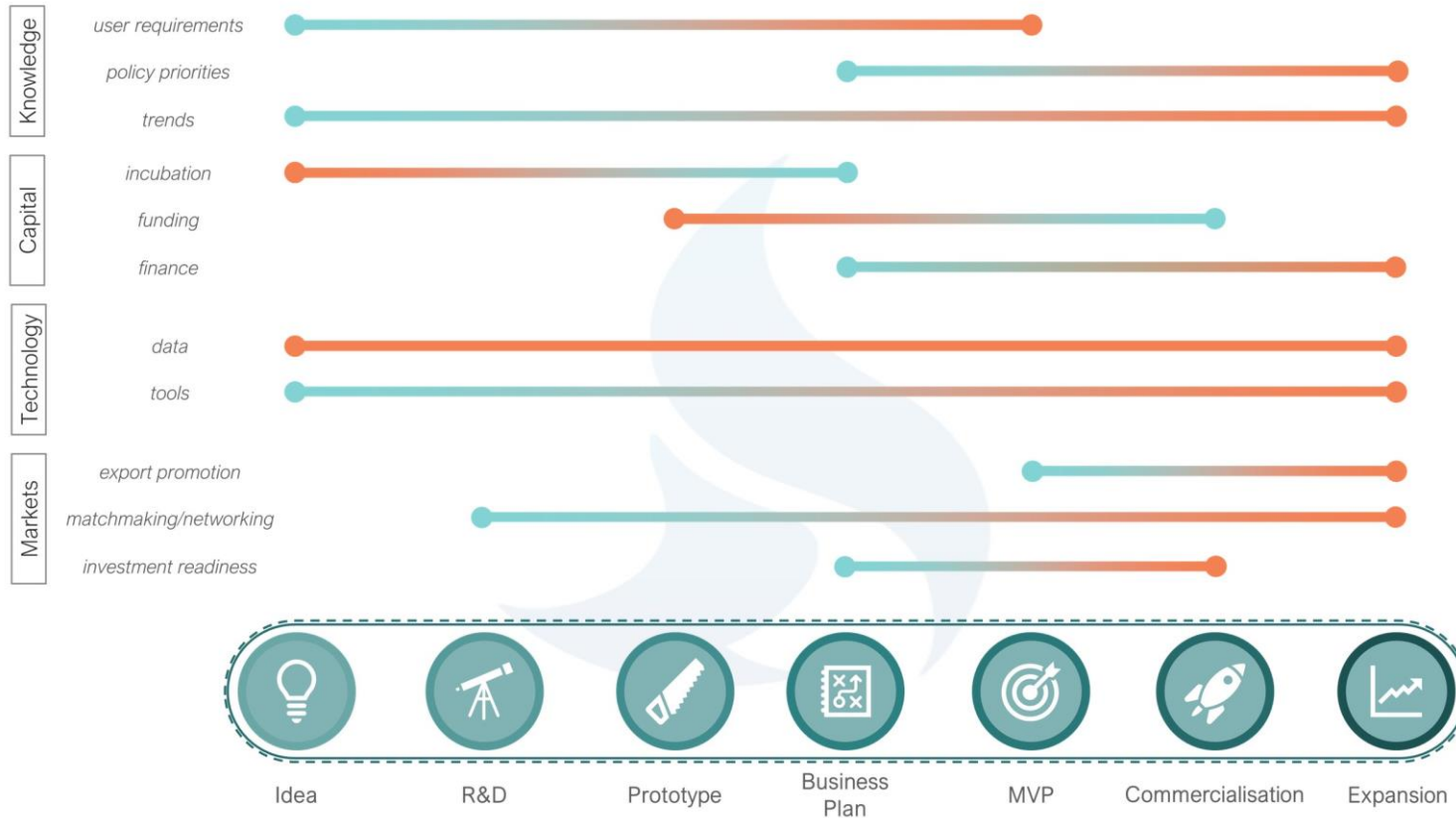


EMERGENCY MANAGEMENT

# Building partnerships on strong foundations



# Research FOR Operations



# Public and Private uptake have common expectations



**FIRE**



Download PDF version of the roadmap or each FIRE sector:

- AGRICULTURE
- INFRASTRUCTURE
- MARINE & MARITIME
- RAW MATERIALS
- URBAN DEVELOPMENT
- WIND ENERGY



# Take home messages

1. Co-designed traceable value chains help justify investments
2. The value chain is both for information flow and stakeholder identification
3. Core services provide a strong foundation to build upon
4. Basis for developing local & tailored services with partners
5. Research for Operations, smooth stakeholder transitions and iterations
6. Key principles of strong value chains (e.g. traceability, continuity & sustainability) imperative for both downstream commercial and public policy uptake