



FOSTERING OPEN
EARTH OBSERVATION
FOR EUROPE



10TH GEO EUROPEAN PROJECTS WORKSHOP | 31 MAY - 2 JUNE 2016, BERLIN

Regional dimension for GEO and capacity building priorities



GMES&Africa

an African-European Space Application Programme
-achievements & challenges-

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GMES&Africa

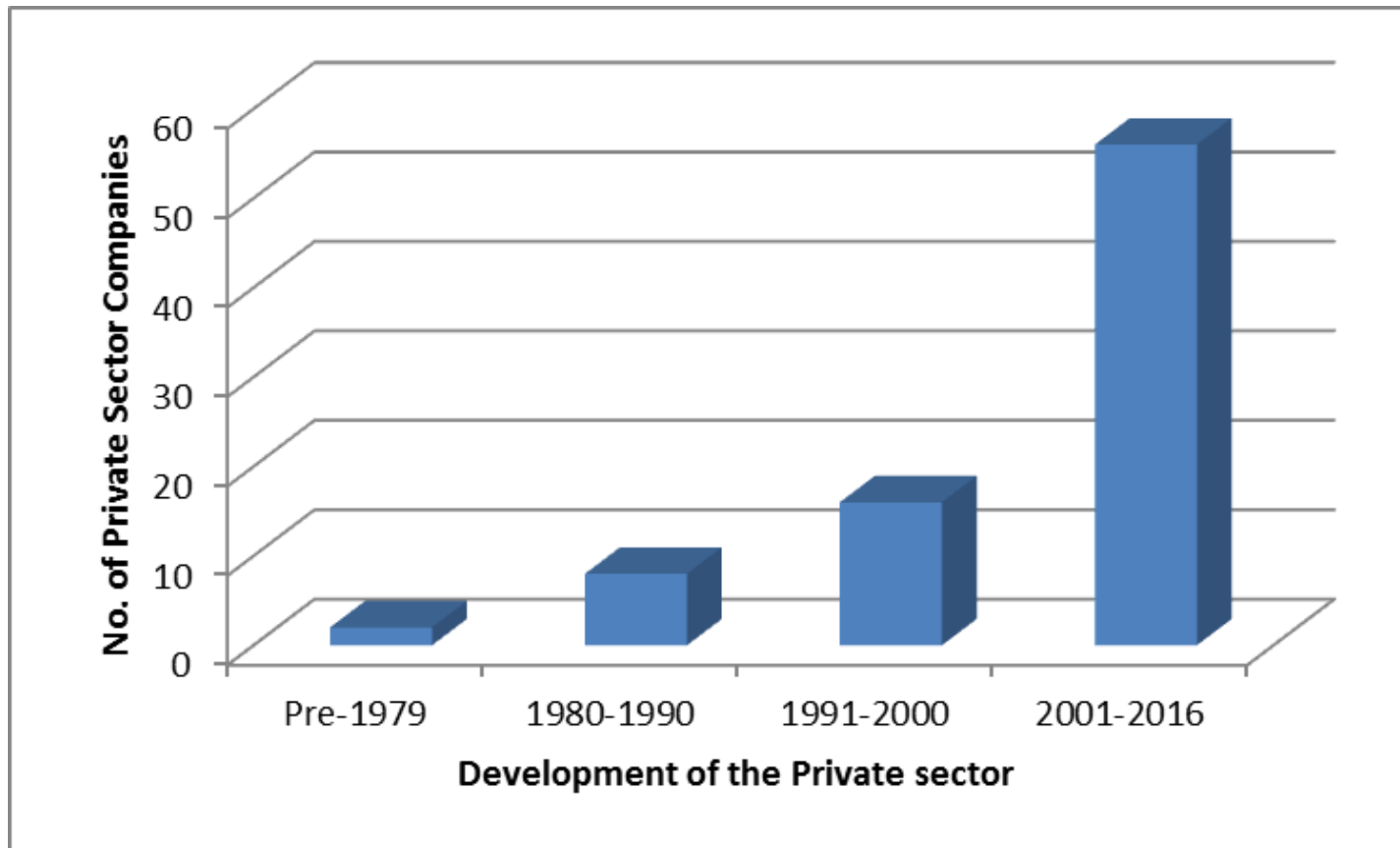
- initiated in 2007
- consultation process 2011-2013
- implementation under the Pan-African Facility PanAf (EU-AU) in 2016
- Phase 1: Services for Landmonitoring, Water Resources, Marine & Coastal
- coordination by AUC

2016 © Sentinel 2A; Brockmann Consult/ Université catholique de Louvain

Achievements

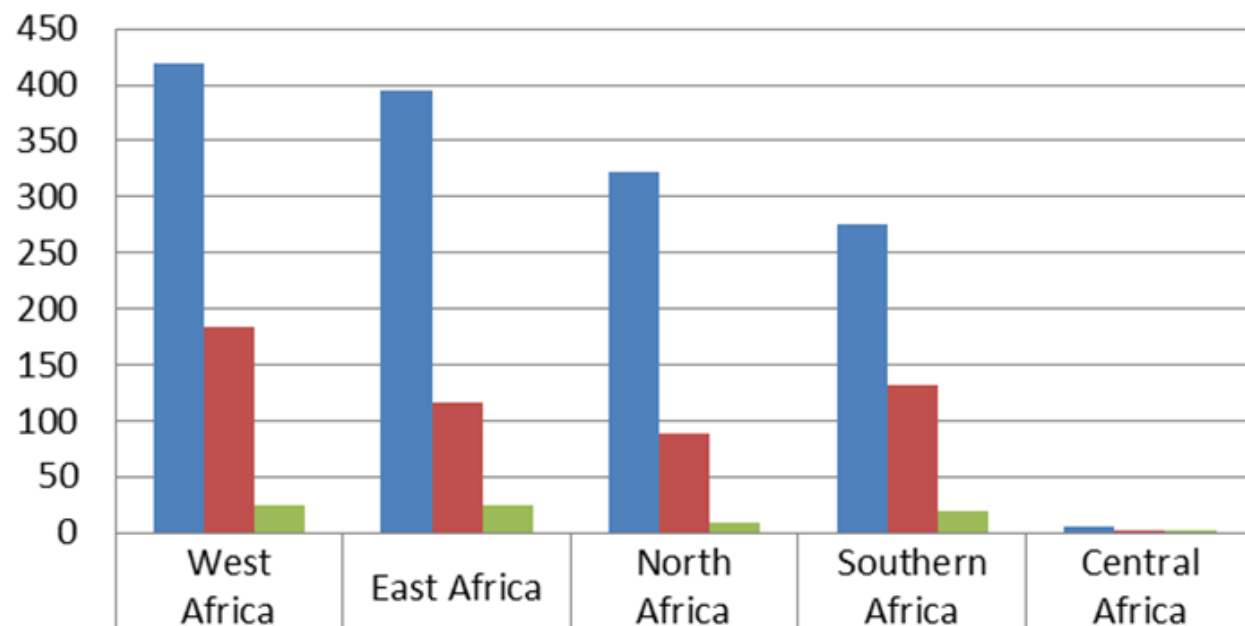
- International dimension of Copernicus -> concept for GMES&Africa
- Copernicus data (incl. Sentinels) & information -> free, open and full access
- African Space Policy & strategy adopted by African Heads of State on Jan 31 2016
- Service development with the involvement of private sector companies & universities
- Inventory of African Private Sector companies in EO & Geospatial Analysis (AARSE/EARSC, funded by EC) 2016 (shortly to be published):

A total of **78** companies replied representing **21** African countries.





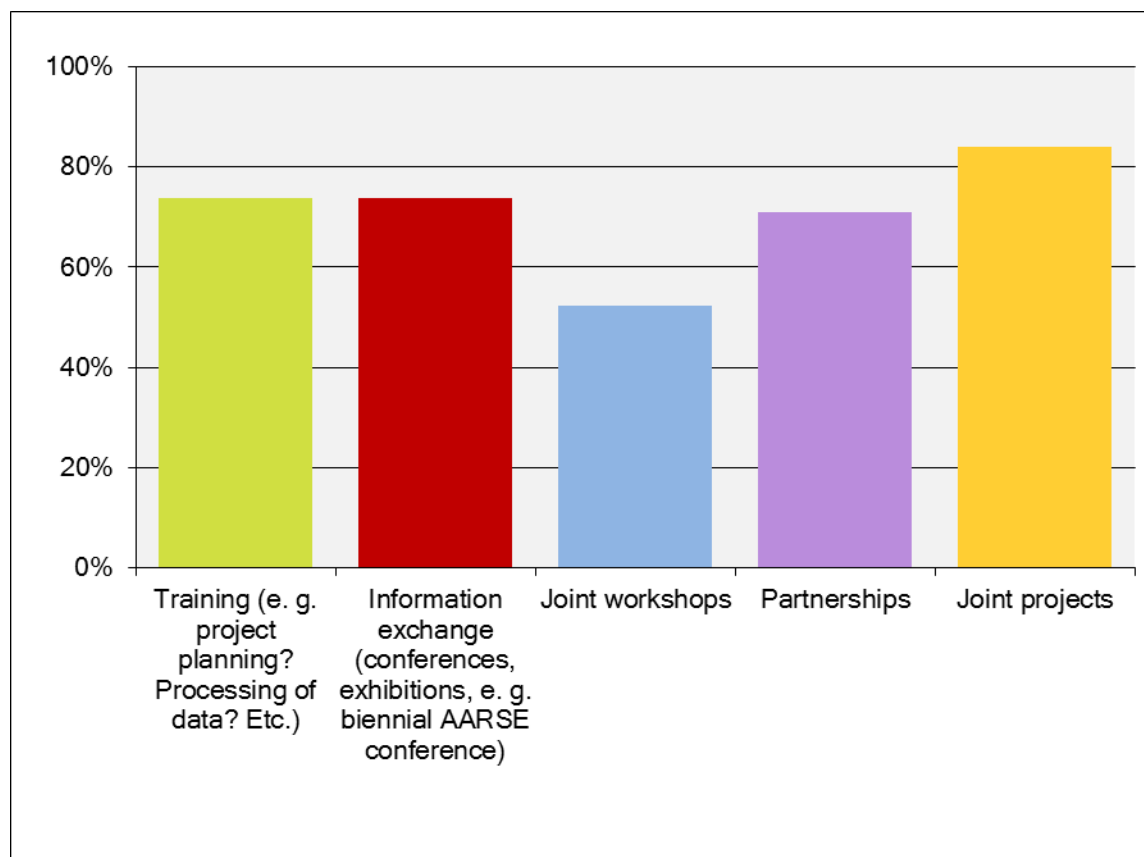
Total no. of employees



	West Africa	East Africa	North Africa	Southern Africa	Central Africa
Total employees	419	395	322	276	5
Total EO related employees	183	117	89	131	2
No. of Companies involved	24	25	9	19	1

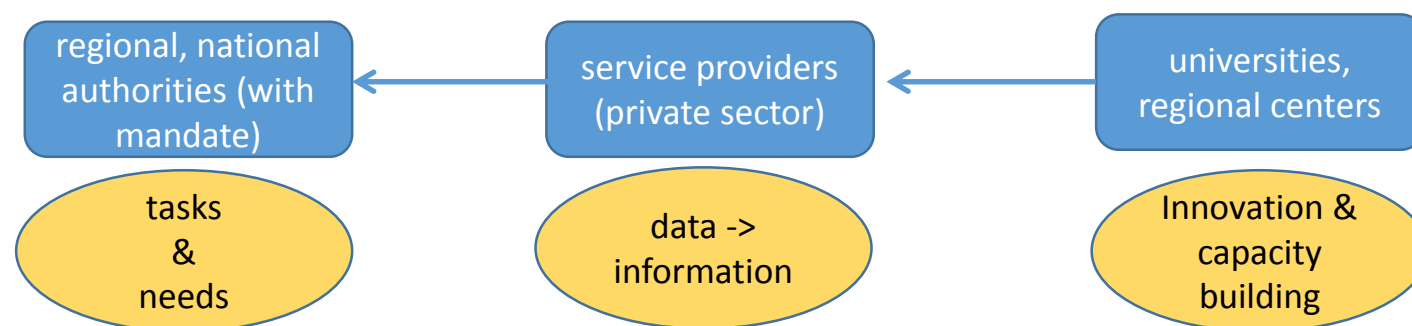


Companies' expectations from collaboration with AARSE & EARSC



Challenges & Lessons Learned

- coordination (a) within EC (DEVCO-GROW-JRC); (b) within EU (EC-ESA-Eumetsat-MS); (c) between EC – AUC; (d) within AUC (HRST-REA); (e) between AUC-REC-MS
- Governance of a continental space application programme
- Making data accessible (Sentinels, in-situ)
- Building the value chain:



- Validation & evolution



Recommendations/ Way forward

- strengthen universities – research through collaboration (within Africa, Africa-Europe)
- universities should provide training for the private sector
- Joint service development (private sector – research institutions)
- Cooperation between African & European companies (SMEs)

