Overview of AMESD

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Political framework

African Union Commission

European Union

ACP Secretariat

5 African Regional Economic Communities

Implementation

- **2007-2013   21 Millions Euro - EDF**

- **5 Regional Implementation centers:**
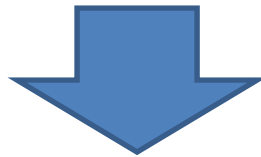

- **Main partners:**

- **Technical Assistance:**

Objectives

To help African governments in designing, implementing, monitoring and evaluating their regional and continental policies towards sustainable development
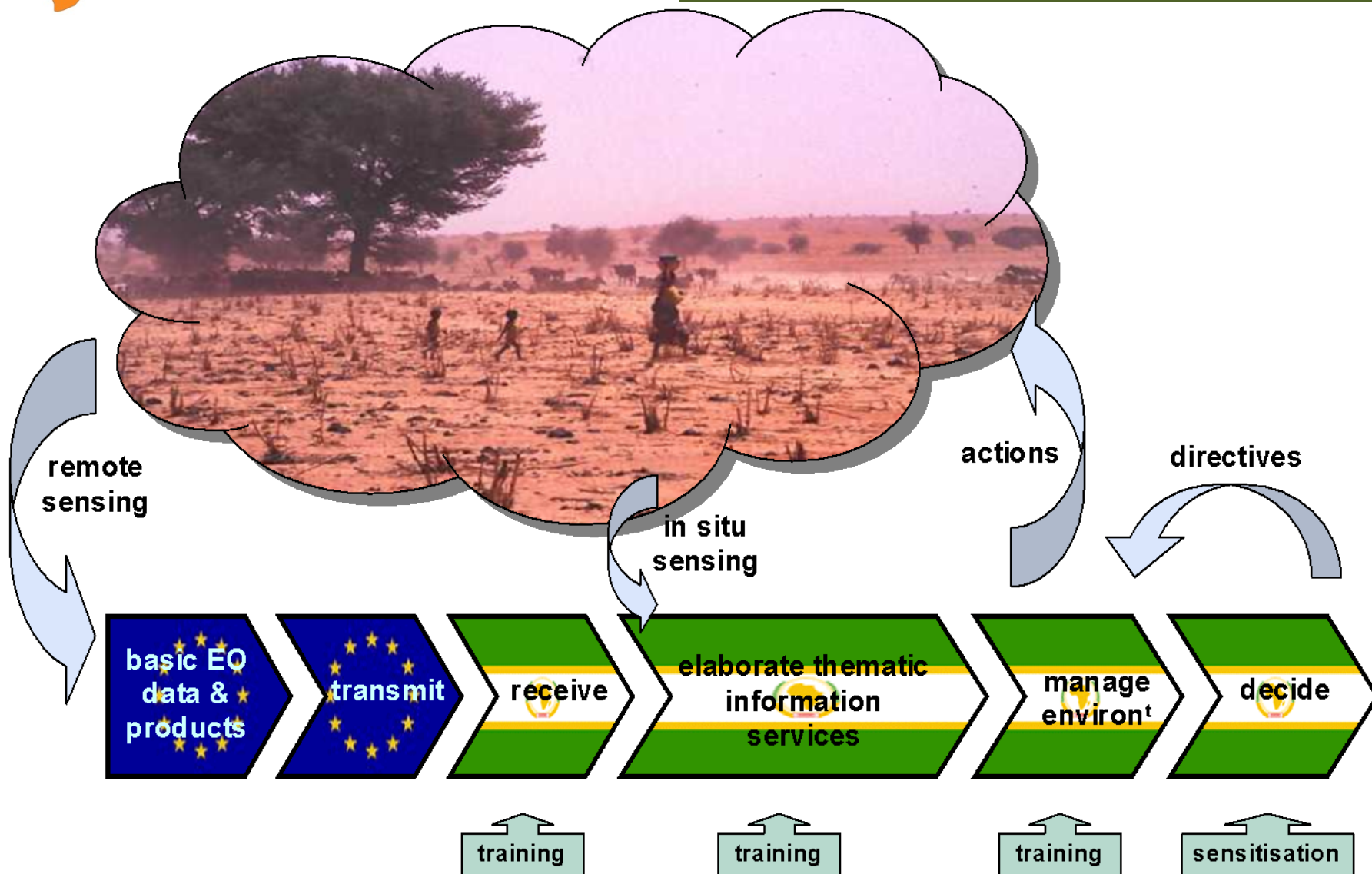
Increase information capacity of African regional and national institutions

- **Improved access to EO data**

- **Operational information services are established**

- **Political and policy frameworks are strengthened**

- **Adequate technical level is ensured**

How AMESD works

Improved access to EO data

- **Installation of 111 satellite receiving stations in 48 countries**

- **RICs databases are improved with EUMETCAST products and other data**
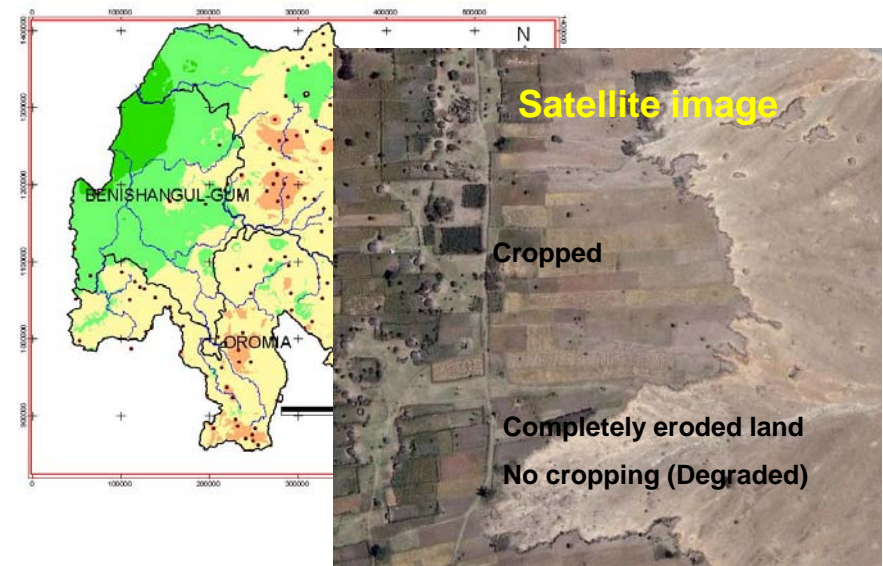
Environmental information services

- **12 environmental monitoring services are under development in the 5 Regional Implementation Centers**

Examples:

Service "Monitoring Fire Service" - SADC

Land Degradation monitoring service - IGAD

Satellite image

Cropped

Completely eroded land

No cropping (Degraded)

Progress

n°	Title	Goals
ECOWAS - AGRHYMET: water management for agriculture and livestock		
1	Vegetation & Drought Monitoring Service	Assess the impact of rainy season on crops and rangeland to support decisions on food security
2	Surface Water Bodies Monitoring Service	Monitor water bodies and growth conditions for rangeland management
3	Bush Fires Monitoring Service	Identify bush fires and estimate burnt areas to support natural resources management
SADC - BDMS: Agricultural and Environmental Resources Management		
4	Agriculture Monitoring Service	Assess the condition of the crops and rangeland to support decisions on food security
5	Drought Monitoring Service	To monitor drought for natural resources management
6	Fire Monitoring Service	Assess fire risks to support natural resources management.
CEMAC - CICOS: Water resources management		
7	Low-water alert monitoring service	Low-water alert to navigators and to hydropower producers
8	Monitoring the water balance of Ubangui basin	Monitoring the hydrological cycle of the Ubangi basin for climate change policies
IGAD- ICPAC: Land degradation and Natural Habitat conservation		
9	Land degradation monitoring Service	Assess land degradation to support policy decisions for land use planning
10	Natural Habitat Conservation monitoring service	Assessment tool on the state of natural habitats to support conservation policies
IOC- MOI: coastal and marine management		
11	Detection of Potential Fishing Zones	Support to fisheries resources management
12	Oceanographic climatology atlas and bulletin	Provide oceanographic information and forecasting data for marine sector

Political and policy frameworks are strengthened

More than 100 policy makers involved in AMESD

Adequate technical level is ensured

180 people of more than 25 African Institutions have been trained in EO technologies and are able to process satellite data to produce AMESD environmental information

Conclusion

AMESD receiving stations capture EO environmental data

AMESD networks operate to produce environmental information

First versions of AMESD operational services are delivered to targeted users

Targeted policy makers are aware of AMESD services

Capacity building is in progress to sustain services' delivery

THANK YOU