

PanAfGeo

*Geoscientific Knowledge & Skills
in African Geological Surveys*

PanAfGeo Project

A Pan African support to the EGS-OAGS partnership

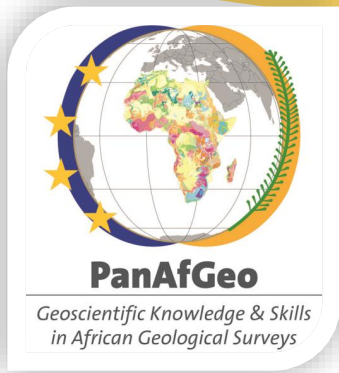
Day Month Year
City, Country

Name Surname

BRGM - French Geological Survey



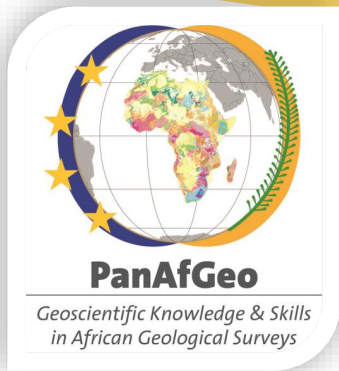
Co-funded by the
European Union



PanAfGeo Project

- Genesis of the Project
- The Project
 - *What is it?*
 - *How does it work?*
 - *Why should you care?*
- Framework & Content





Genesis of the Project



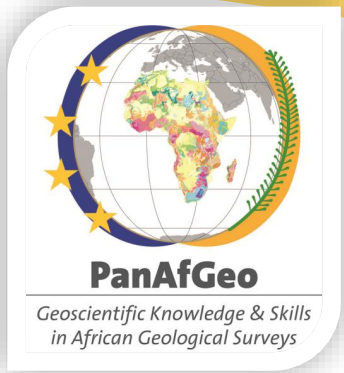
Context

“...Much of Africa’s mineral resources remain under-explored and under-exploited and geoscience knowledge is at a relatively too low level to attract exploration and investment...”

Addis Ababa Declaration, African Union Conference of Ministers, October 2008

“...Africa is the world’s top producer of mineral commodities but most of Africa still lacks systematic geological mapping which could bring to light a much greater resource base...”

Africa Mining Vision by the African Union in 2009



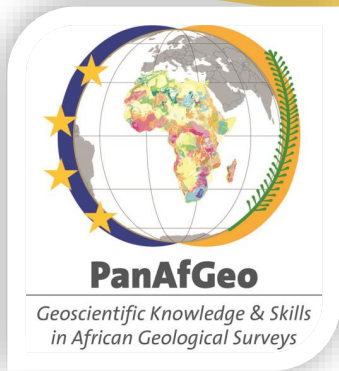
Genesis of the Project (2)



Context

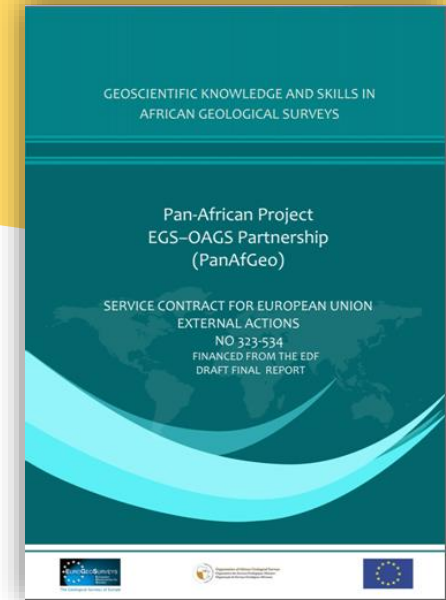
- EU commitment at the 2nd and 3rd Africa-EU Summit (2007 & 2010)
- Objective: Implementation of the key priorities of the Joint Africa-EU Strategy
 - Overarching continental Strategy
 - Whole of the EU and whole of Africa
 - Beyond development





Genesis of the Project (3)

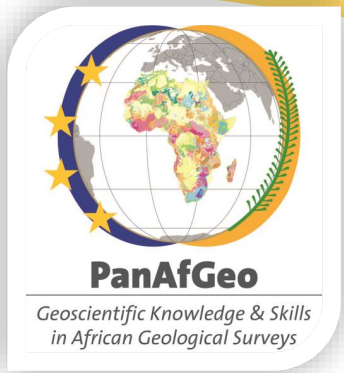
Feasibility study in 2015



Analysis of Geoscientific knowledge and skills in African Geological Surveys

- PanAfGeo, a project that takes care to requests from
 - **EU**
 - Treating Africa as one: overcoming the fragmentation of instruments (EDF, DCI, ENI)
 - Issues of cross-regional, continental and global nature
 - Mutual interest initiatives and innovative areas
 - **OAGS**
 - Transfer of standard practices
 - Quality of trainers
 - Applicability of knowledge
 - Quality of materials (e.g. manuals, guidelines)
 - Fulfilment of expectations
 - On-the-job training delivery mode
 - Case studies on pilot areas in Africa





PanAfGeo Project

What is it?

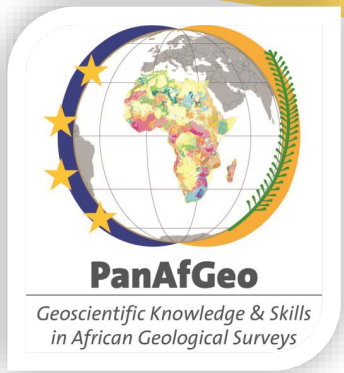
- An EU-African initiative to improve and reinforce skills in African Geological Surveys

How will it work?

- Capacity building and training for African Geological Surveys staff
- 8 geoscientific topics

How will it help you? Why should you care?

- Better service, data & skills
- Assisting discovery & development

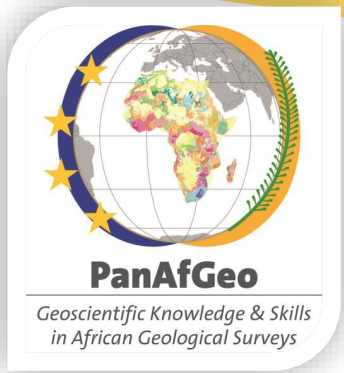


PanAfGeo Project

What is it?

- An EU-African initiative to improve and reinforce skills in African Geological Surveys
- Focus on establishing a long term strategic cooperation between
 - EU and African Geological Surveys
 - EGS (EuroGeoSurveys) and OAGS (Organisation of African Geological Surveys)
- Main issues
 - Governance of mineral resources
 - Sustainable exploitation of non-energy mineral resources
 - Prevention and mitigation of natural and man-made disasters
 - Development of local mining private sector



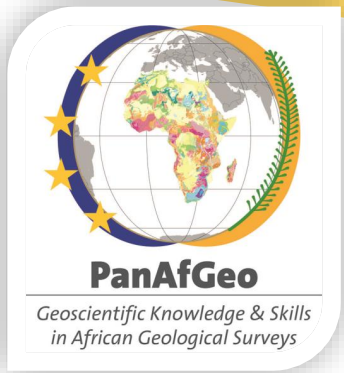


PanAfGeo Project

How does it work?



- The specific objectives for national Geological Surveys in Africa are:
 - Enhance their capacity and role
 - Contribute to mineral resources assessment
 - Increase their activity in regional mapping and exploration to upgrade geoscientific information base and mineral inventories
 - Strengthen the level of knowledge and skills through training
 - Strengthen OAGS potential to meet the needs of the African continent

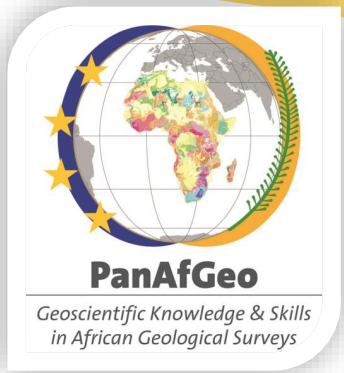


PanAfGeo Project (2)

How does it work?



- Targeted thematic training sessions in African countries
- African Geological Surveys expertise shared with neighbours and/or OAGS partners
- Linked to key networks and partners who can both contribute to and participate in aspects of training such as Unesco, GSAf, UNDP, etc.
- PanAfGeo will leverage existing facilities and add to existing initiatives



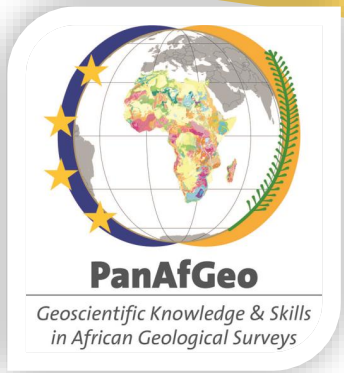
PanAfGeo Project

Why should you care?



- **Outputs**

- Upskilled Geological Surveys staff better able to deal with and participate in the many other African initiatives (AMGI, BNGC (Canada), etc.)
- Better service from Geological Surveys
- Better mineral resources assessments
- New/Better regional mapping and exploration to upgrade geoscientific information and mineral inventories
- Better data: Exploration = increased chance of discovery and development
- African economic and social development

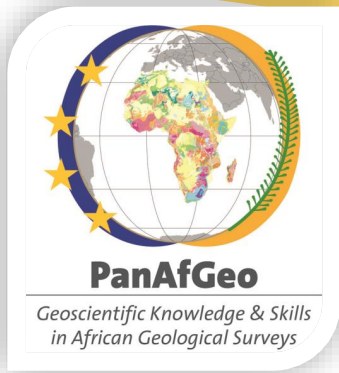


Framework of PanAfGeo



- **Grant Contract** signed between **DG-DEVCO** and BRGM (France) on 19th December 2016
- Duration of **3 years** (19th December 2016-18th December 2019)
- **Consortium Agreement** between **12 European Geological Surveys** signed on March 2017
- Budget : **10,348,953 EUR** (co-funding 90/10%, DG-DEVCO/Consortium)

- **8** work-packages dealing with various geoscientific skills
- **49** training sessions planned in **English, French** and **Portuguese**
- **All** the African continent
- **1,200** trainees



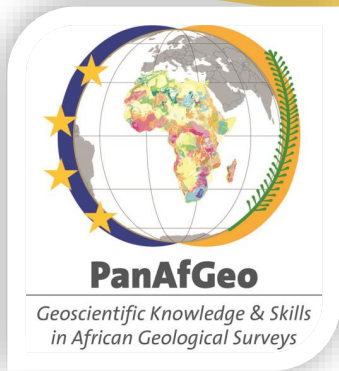
The European Consortium

12 members



- BRGM – French Geological Survey
- CGS – Czech Geological Survey
- EGS – EuroGeoSurveys
- GeoZS – Geological Survey of Slovenia
- GEUS – Geological Survey of Denmark and Greenland
- GTK – Geological Survey of Finland
- IGME – Geological Survey of Spain
- ISPRA – Geological Survey of Italy
- LGT – Geological Survey of Lithuania
- LNEG – Geological Survey of Portugal
- PGI-NRI – Geological Survey of Poland
- SGU – Geological Survey of Sweden

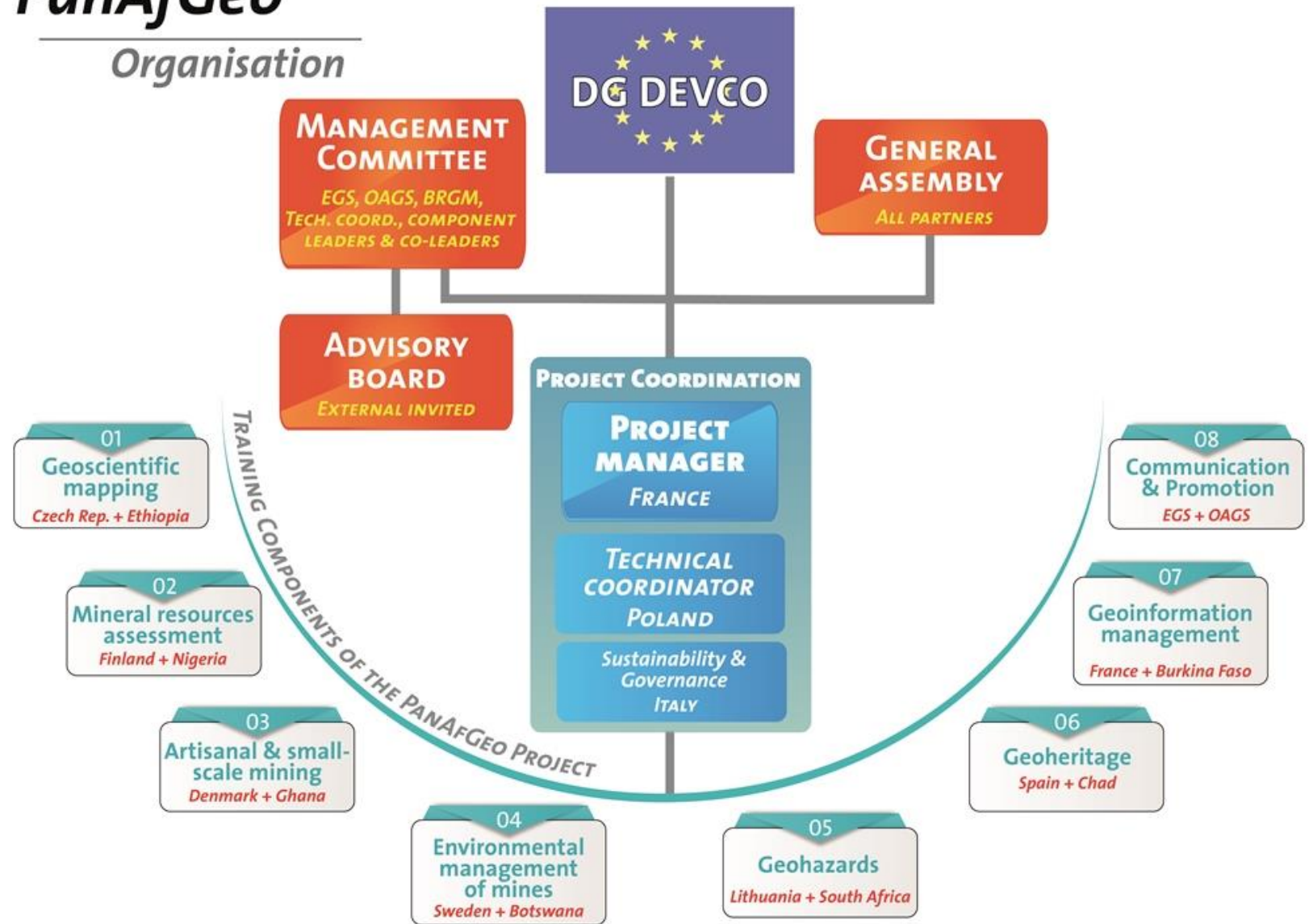


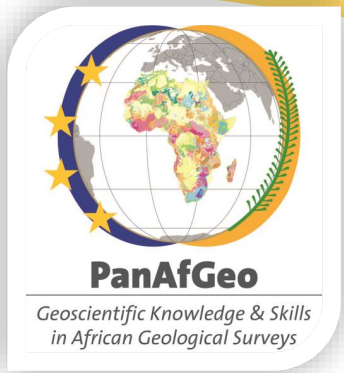


- **Coordination team**
- 8 **European** WP Leaders
- 8 **African** WP Co-Leaders
- 8 **African** WP Deputy Co-Leaders
- General Assembly
- Advisory Board
- Management Committee

PanAfGeo

Organisation



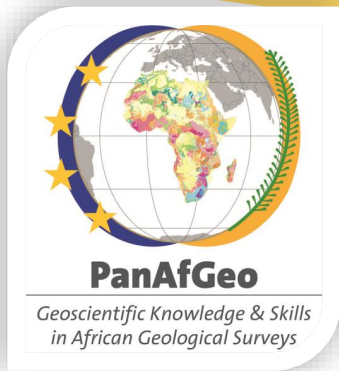


Agenda of main meetings



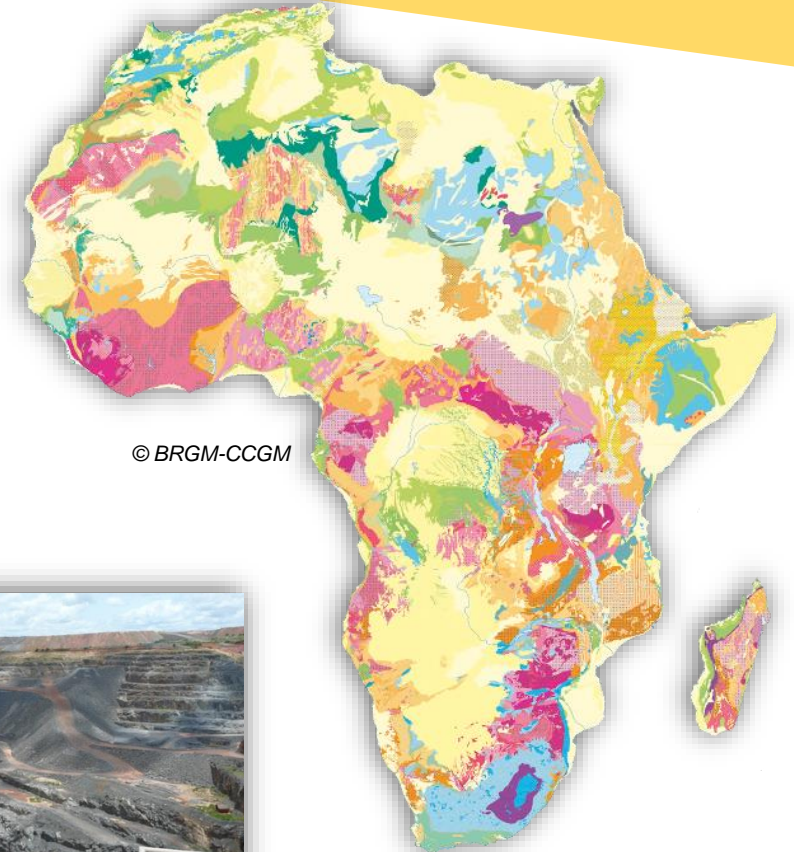
3 General Assembly meetings

- 11-12th May 2017: Kick-off - Windhoek, Namibia
- Around May 2018: Mid-term review - Dar Es Salaam (AMGC), Tanzania
- Around October 2019: Final review - Dakar, Senegal



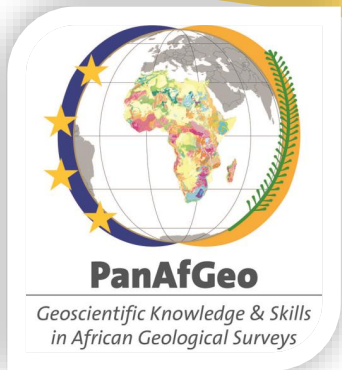
Geoscientific skills in PanAfGeo

- WP1: Geoscientific mapping
- WP2: Mineral resources assessment
- WP3: Artisanal and small-scale mining
- WP4: Environmental management of mines
- WP5: Geohazards
- WP6: Geoheritage
- WP7: Geoinformation management
- WP8: Communication and Promotion

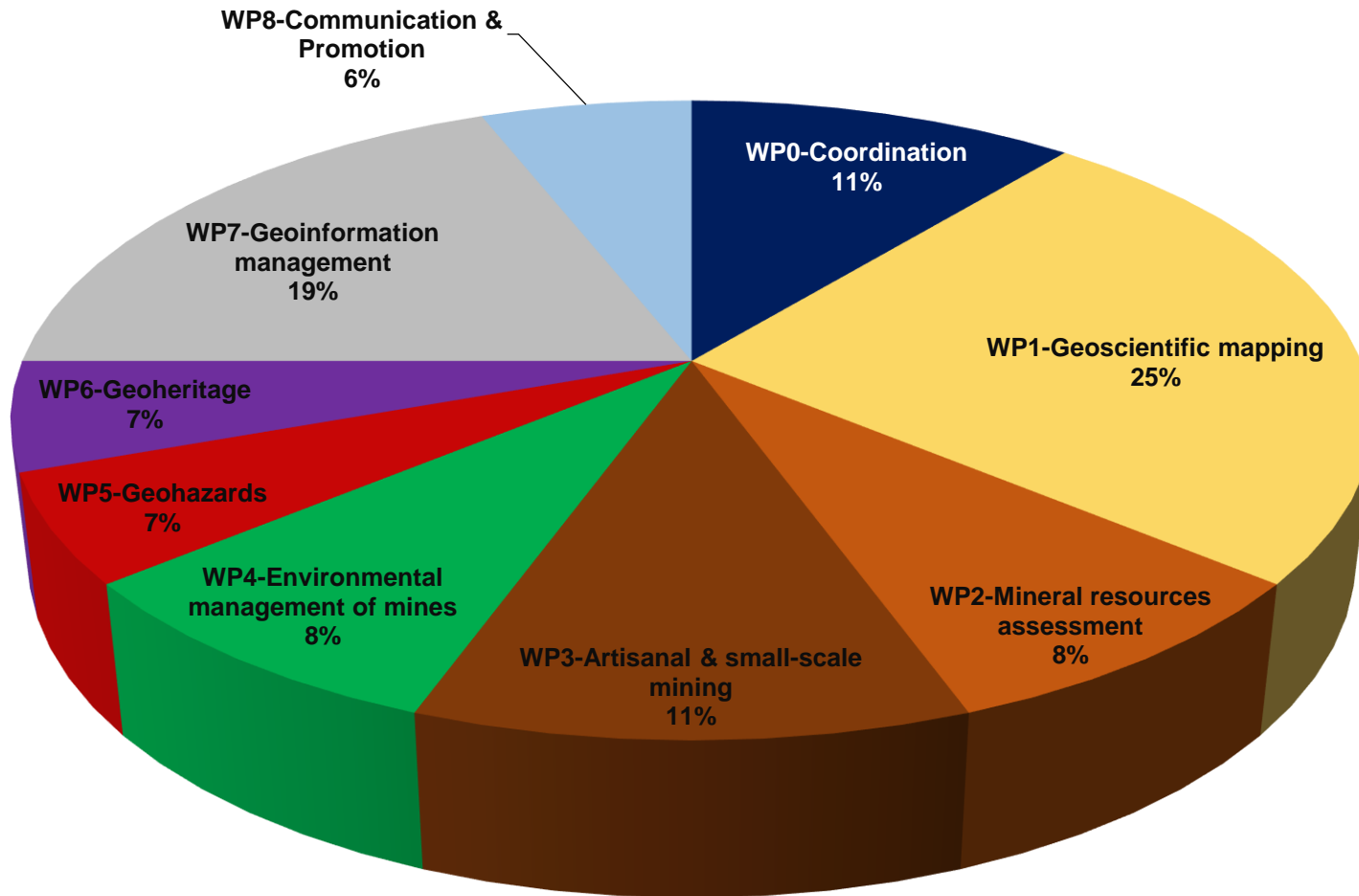


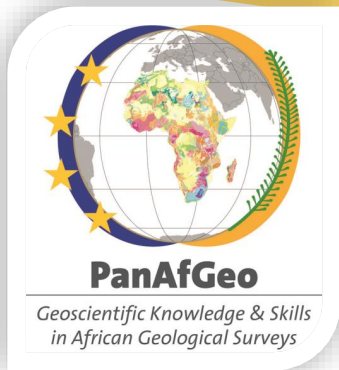
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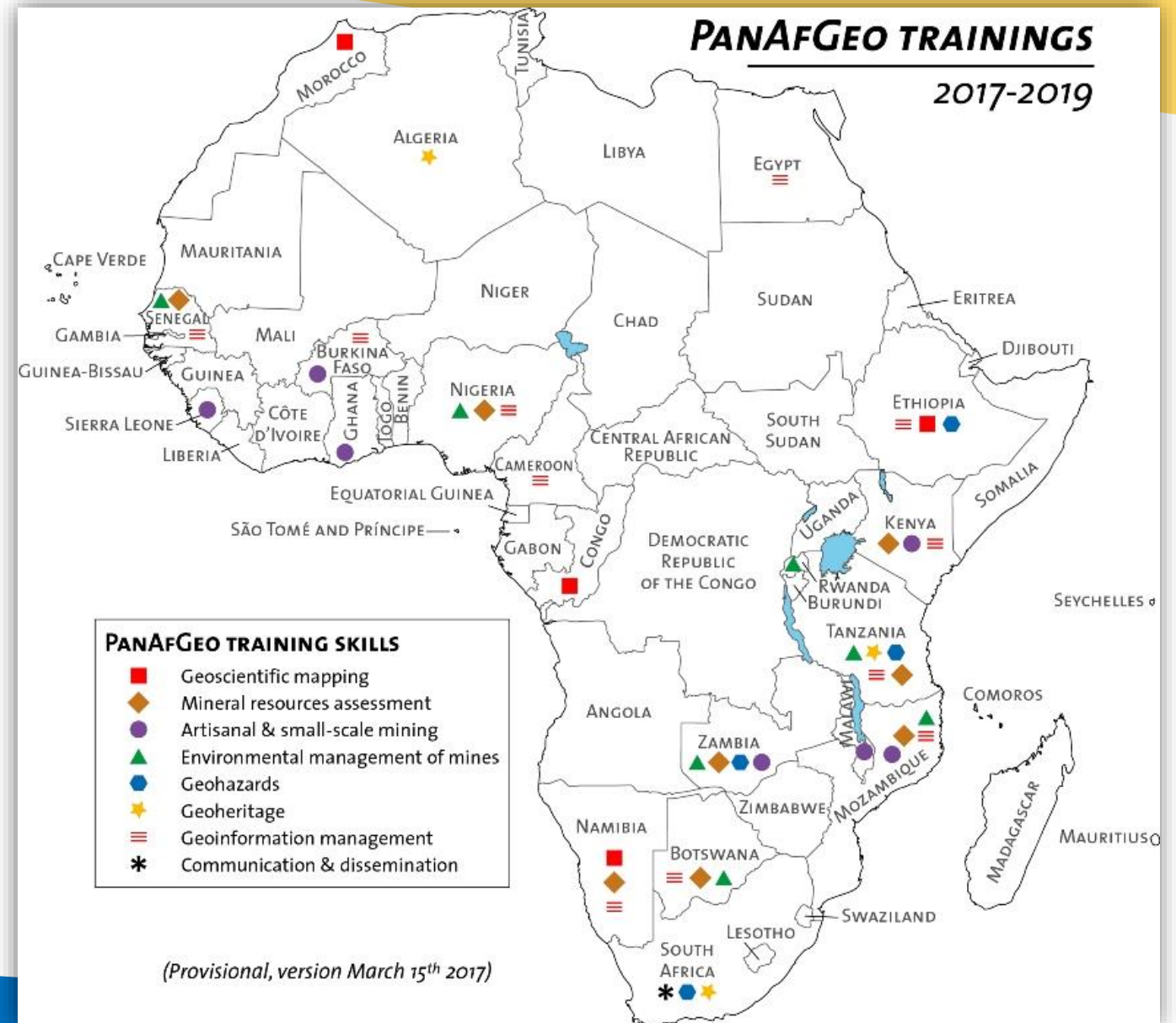
Budget allocated to each WP





49 training sessions all over Africa

- **Provisional map 2017-2019**
- From **3 to 25 days/session**
- From **20 to 40 trainees/session**
- **513 days of training**
- **11,556 days of trainees presence**
- **2017 : 17 sessions**
- **2018 : 17 sessions**
- **2019 : 15 sessions**





PanAfGeo

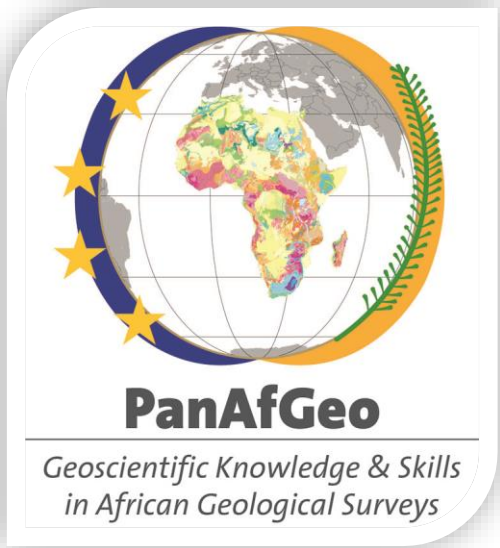
Geoscientific Knowledge & Skills
in African Geological Surveys

Agenda of training sessions *(provisional)*

Work-package	2017												2018												2019												Number of sessions
	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	
01-Geoscientific Mapping											ET			ET					NA	MR						ET					NA					6	
02-Mineral Resources Assessment						NA				NG				NA					MR							GH					MZ				KY	7	
03-Artisanal and Small-Scale Mining			GH		ZA					MW		KY	BF				GH				KY					MW					MZ			SL		10	
04-Environmental Management of Mines						SE				BW						TZ				ZA			RW			MZ					NG					7	
05-Geohazards										SA?SA?					SA																			ZA		4	
06-Geoheritage				TZ						SA						AL															SA					5	
07-Geoinformation Management					BW or TZ			BF		CA					EG					MZ			KY			NA		NG or ET			SE					9	
08-Communication & Promotion									SA						SA											SA										3	
													PROVISIONAL (dates and countries)												PROVISIONAL (dates and countries)												51
Defined Dates (precise days or month)																																					
Provisional Dates and Countries (DoA: Description of the Action)																																					

Abbreviations of countries			
Algeria	AL	Morocco	MR
Botswana	BW	Mozambique	MZ
Burkina Faso	BF	Namibia	NA
Cameroon	CA	Nigeria	NG
Egypt	EG	Senegal	SE
Ethiopia	ET	Sierra Leone	SL
Ghana	GH	South Africa	SA
Kenya	KY	Tanzania	TZ
Malawi	MW	Rwanda	RW
		Zambia	ZA

Thank you for your attention
Merci de votre attention
Obrigado por sua atenção



PanAfGeo team, Cape Town, August 2016



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