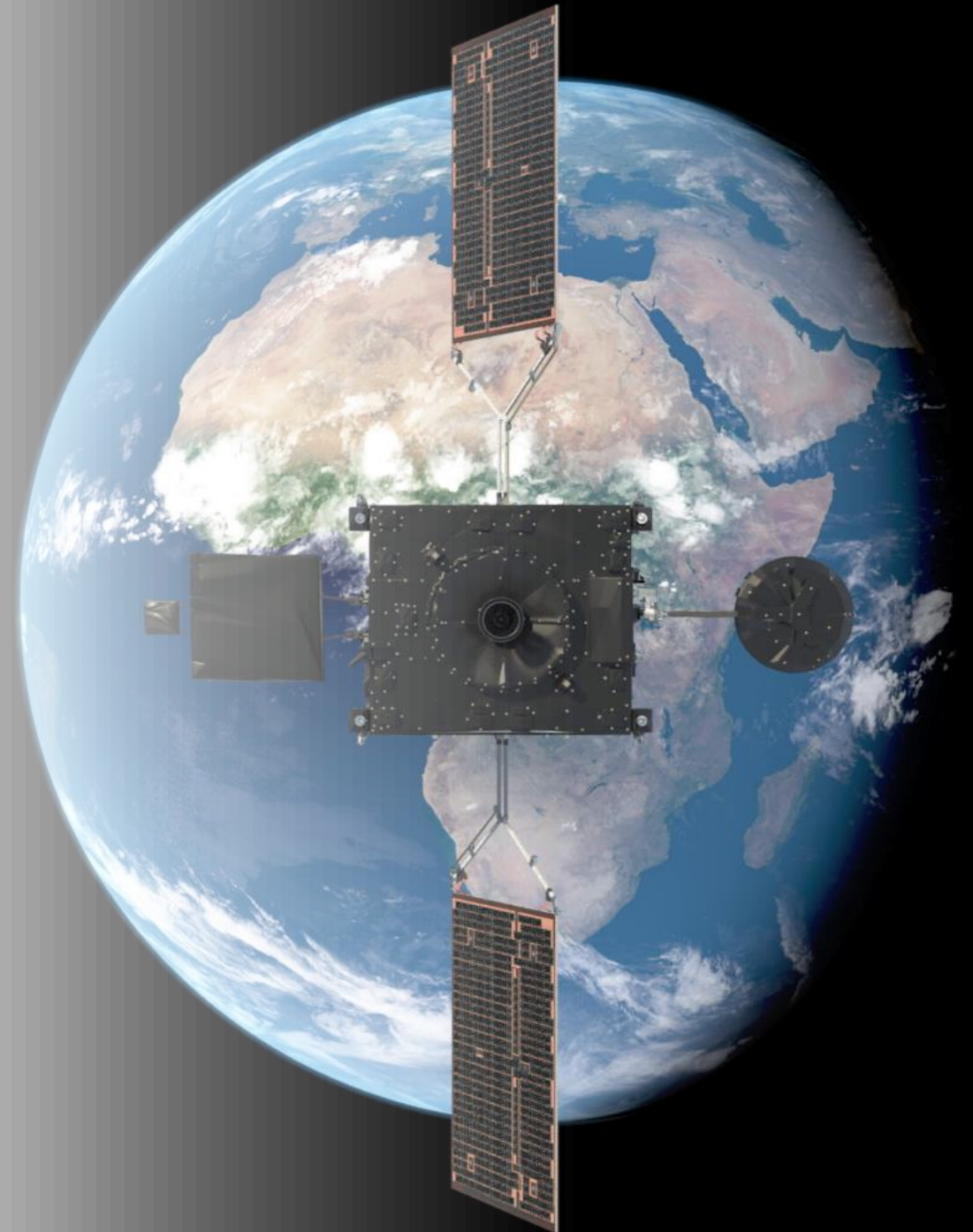


Region Association I Dissemination Experts Group (RAIDEG)

17th EUMETSAT USER FORUM IN AFRICA

Sarah Kimani, RAIDEG Chair



17  **EUMETSAT**
TH USER FORUM IN AFRICA
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RA-1 Dissemination Expert Group

- Established in 2010 by the WMO and in cooperation with EUMETSAT
- Included in WMO RA-I structure since 2015 (Sixteenth session of RA I)
- The overall role is: **To improve satellite data accessibility and user awareness in RA-1**
- The overall purpose: **To optimize data and product dissemination through EUMETCAST and usage by the African Community**

RA-1 Dissemination Expert Group Members

- One National Meteorological Services per region
 - Morocco (Northern Africa)
 - Senegal (Western Africa)
 - Congo-Brazzaville (Central Africa)
 - South Africa (Southern Africa)
 - Mauritius (Indian Ocean region)
 - Kenya (Eastern Africa)
- WMO-CGMS VLab Regional Training Centers in Africa (IMTR, SAWS, EAMAC, MeteoMaroc)
- African Centre of Meteorological Application for Development (ACMAD)
- JCOMM representation (Univ. of Ghana)
- The International Congo-Ubangui-Sangha Commission (CICOS)

As secretariat of the RAIDEG

- EUMETSAT
- WMO Secretariat

RAIDEG ToRs

The new WMO RA-I Strategic and Operating Plan

The transition to new generation of satellite products (MTG) and the AMSAF

The emerging new satellite data access technologies

RAIDEG ToRs

1. Collect, review, analyze and maintain requirements for satellite derived and other meteorological, hydrological, climate and environmental data & products expressed by NMHSs, VLab Centers of Excellence and WMO RTCs and partner organizations in Africa;
2. Analyse the requirements for accessing data and products, considering making use of EUMETCast or other data access and dissemination mechanisms;
3. Make recommendations on the data access infrastructure (e.g., PUMA stations), training needs and priorities for new generation of data & products and new ways to access and use the data;
4. Engage with SC-ON/ET-SSU activities to provide regional perspectives on satellite matters
5. Promote and encourage the development of new visualization applications of data and products.



Initial discussions on MTG – RAIDEG

- 2016; 6 years before launch/8 years before operations
- RAIDEG meeting in Kigali
 - Initial discussion on MTG data
- 12th EUMETSAT User Forum in Africa in Kigali 2016
 - Presentation to RA-I NMHSs of expected capabilities






Initial discussions on MTG – RAIDEG

- 2018 (4 years before launch / 6 years before ops)
- RAIDEG: Study on optimization of MTG data dissemination in Africa
- Abidjan Declaration
 - Strengthen capacities to transition to MTG
 - Establishment of an AMSAF
- 13th EUMETSAT User Forum in Africa 2018: presentation of MTG benefit analysis (for Africa)

Initial discussions on MTG – RAIDEG

- RAIDEG 9: 22-23 Sep 2018 in Abidjan, Cote d'Ivoire
 - MTG-Africa initial baseline and transition roadmap
- RAIDEG @ AMSAF workshop
 - Initial concept note for the AMSAF
- RAIDEG 10: 11-12 Nov 2019, EUMETSAT Germany
 - Refinement of MTG-Africa Baseline
 - Specifications for PUMA-2015 station update
- Extraordinary RAIDEG 9-10 June 2020, online
 - Refinement of MTG-Africa Baseline products
 - Specifications for new PUMA 202X stations
- RAIDEG 11: 8 Dec 2020, online
 - Status of PUMA stations
 - Update of MTG-Africa Baseline
- RAIDEG 12: 1-2 Sep 2021, online
 - MTG-SAF products for Africa
 - Specifications for new PUMA-202X stations



Focus on MTG baseline and products & PUMA receiving stations

Deployment of new PUMA stations. And roll-out of the training

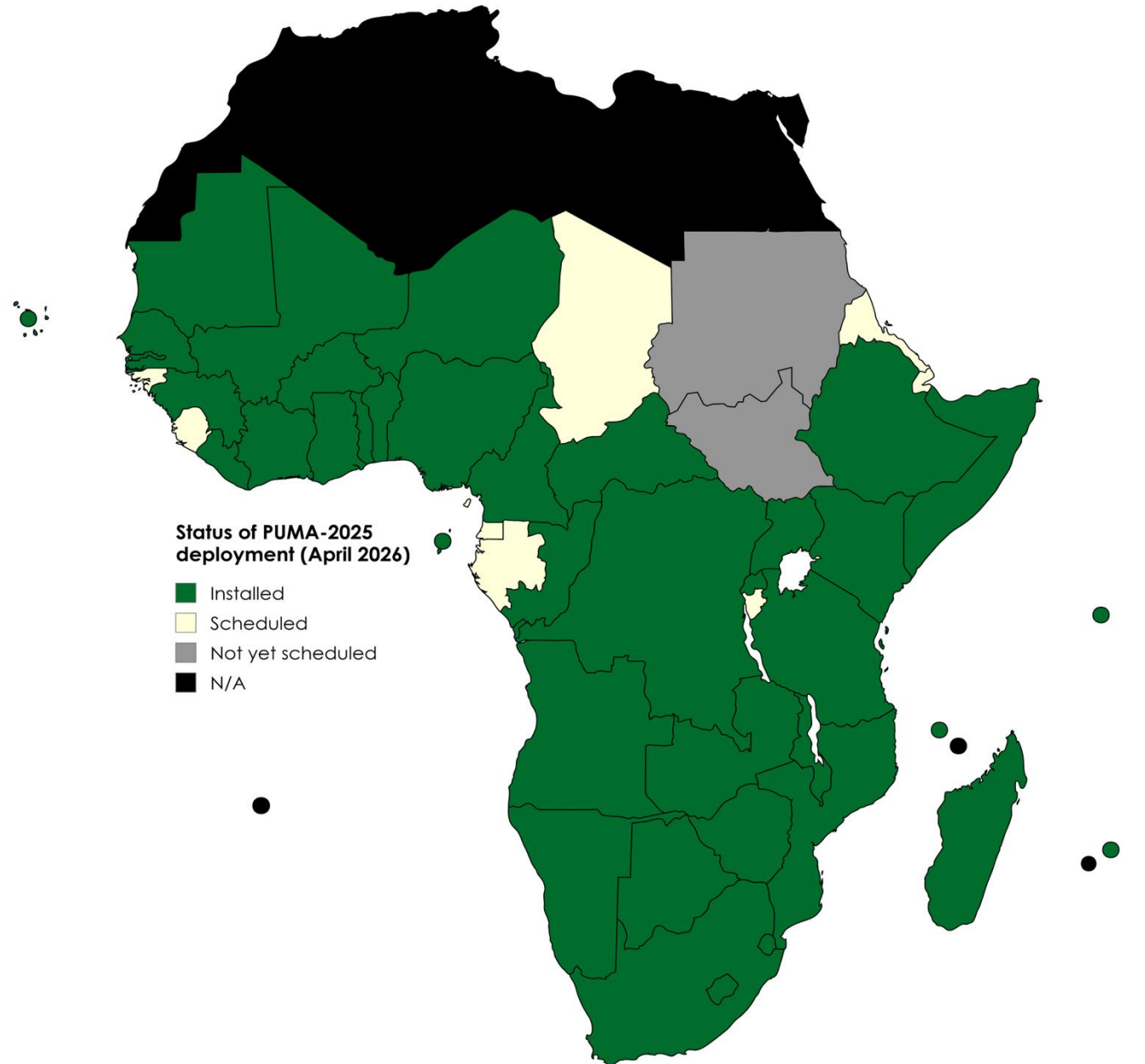
- PUMA would be installed in 49 countries in RA I: NMHSs, RCCs, 2 RTCs; EUMETSAT and JRC



Installation at Kenya Met Dept and IMTR, August 2024

Deployment of new PUMA stations. And roll-out of the training

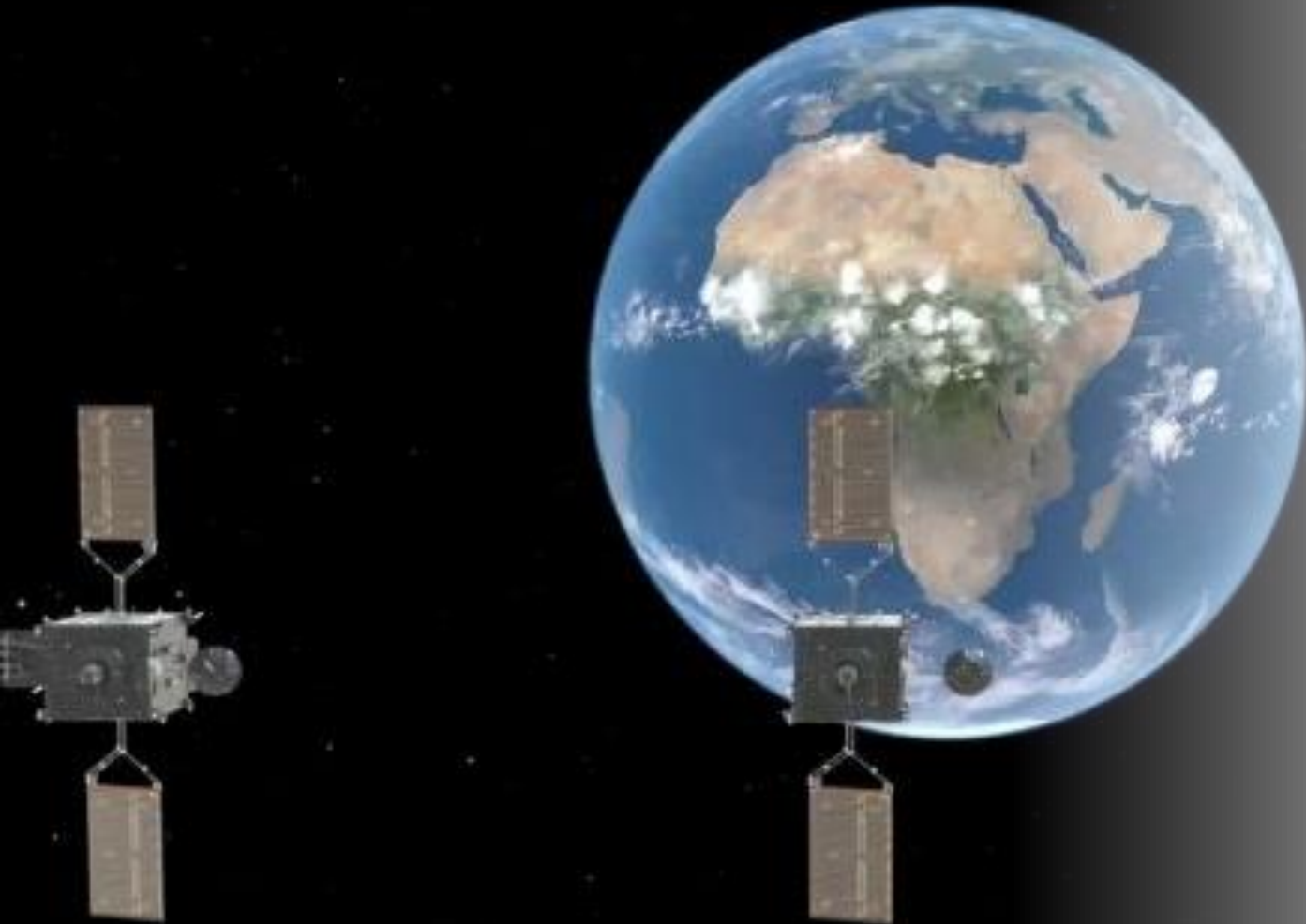
Goal is to train over 200 user of PUMA and ClimSA stations; Parallel trainings in French and English, online open access resources (EUMETSAT)



Training – PUMA & ClimSA

As part of the strategy of efficient and sustainable use and maintenance of infrastructure, AUC, EUMETSAT in collaboration with the technical implementing partners of the ClimSA project planned to train all beneficiaries in the maintenance and use of infrastructure.





Discussions on MTG

- Transition to MTG
- Provide advice on AMSAF and use of cloud computing to process satellite data and continuous update of EUMETCast dissemination baseline
- Defining and addressing training needs for satellite and NWP (incl. MTG)
- New PUMA stations specification and deployment

What next...?

Continuous engagement with EUMETSAT, EUMETSAT – Africa User Forums engagement with Users, Annual RAIDEG Meetings

Continuous engagements with National RAIDEG Focal points

Thank You

