

Africa - EU space partnership programme:

Strengthening Africa-EU Partnership on Space technologies and related services

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The Geopolitical European Commission

Promote a *just, green*
and *digital*
transformation

Stronger together
through *sustainable*
investments
addressing *global*
challenges



The Global Gateway, principles

EU sustainable offer to partner countries to accelerate the fair green transitions and to meet infrastructure needs



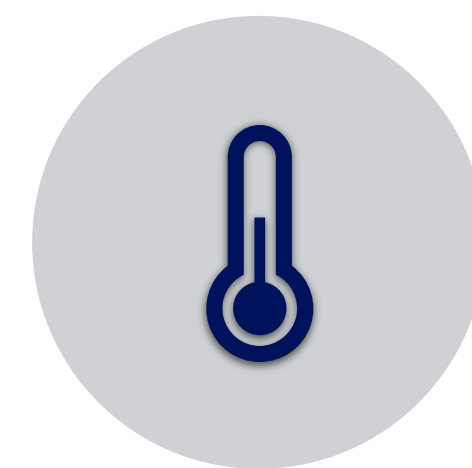
EDUCATION AND
RESEARCH



HEALTH



TRANSPORT



CLIMATE & ENERGY



DIGITAL

✓ Soft skills

✓ Institutional /
regulatory
environment

✓ Physical
Infrastructure

Investments Objectives



**Inclusive expansion
of digital
Connectivity**



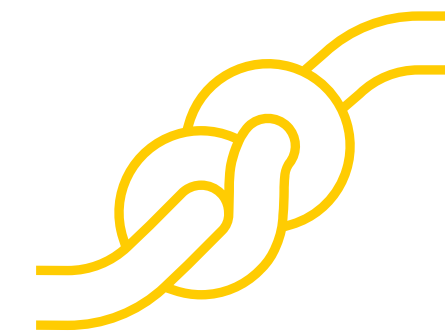
**Resilience and
Security of digital
Connectivity**



**An open, global,
and interoperable
internet**



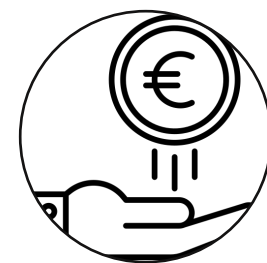
**Contributing to
« twin
transition »**



**International
cooperation on
R&I and the
Green Deal**



**Team Europe
approach: MS & DFIs**



Private sector



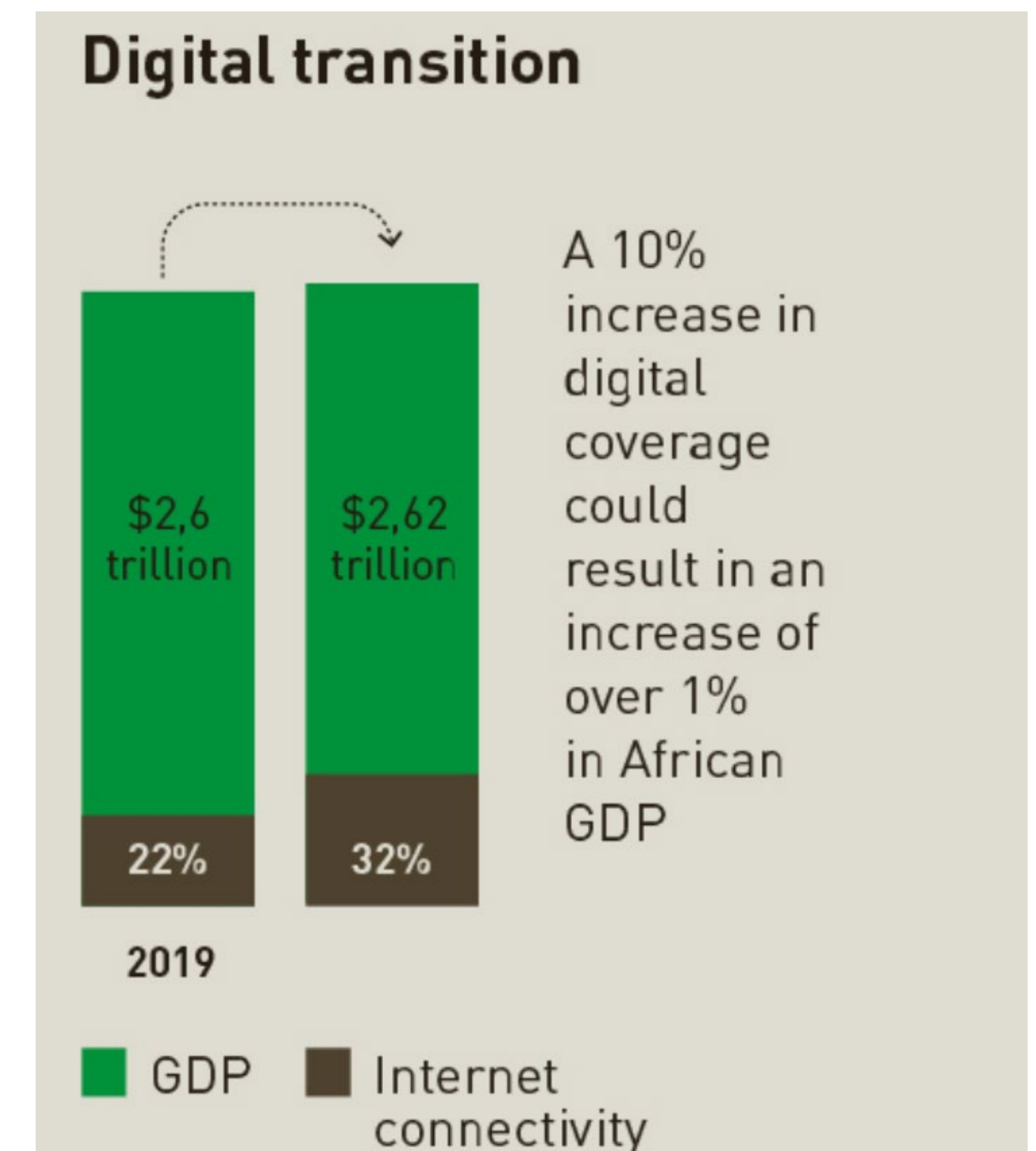
**International, like-
minded partners**



The 6th EU-AU summit, *outcome*

Global Gateway Africa-Europe Investment Package (EUR 150 Bln)

- 1) Reinforcing Europe-Africa partnership
- 2) Focus on sustainable and green transitions
- 3) Enhancing Africa's connectivity and digitalization
- 4) Promote regional integration



Building on our common experience...

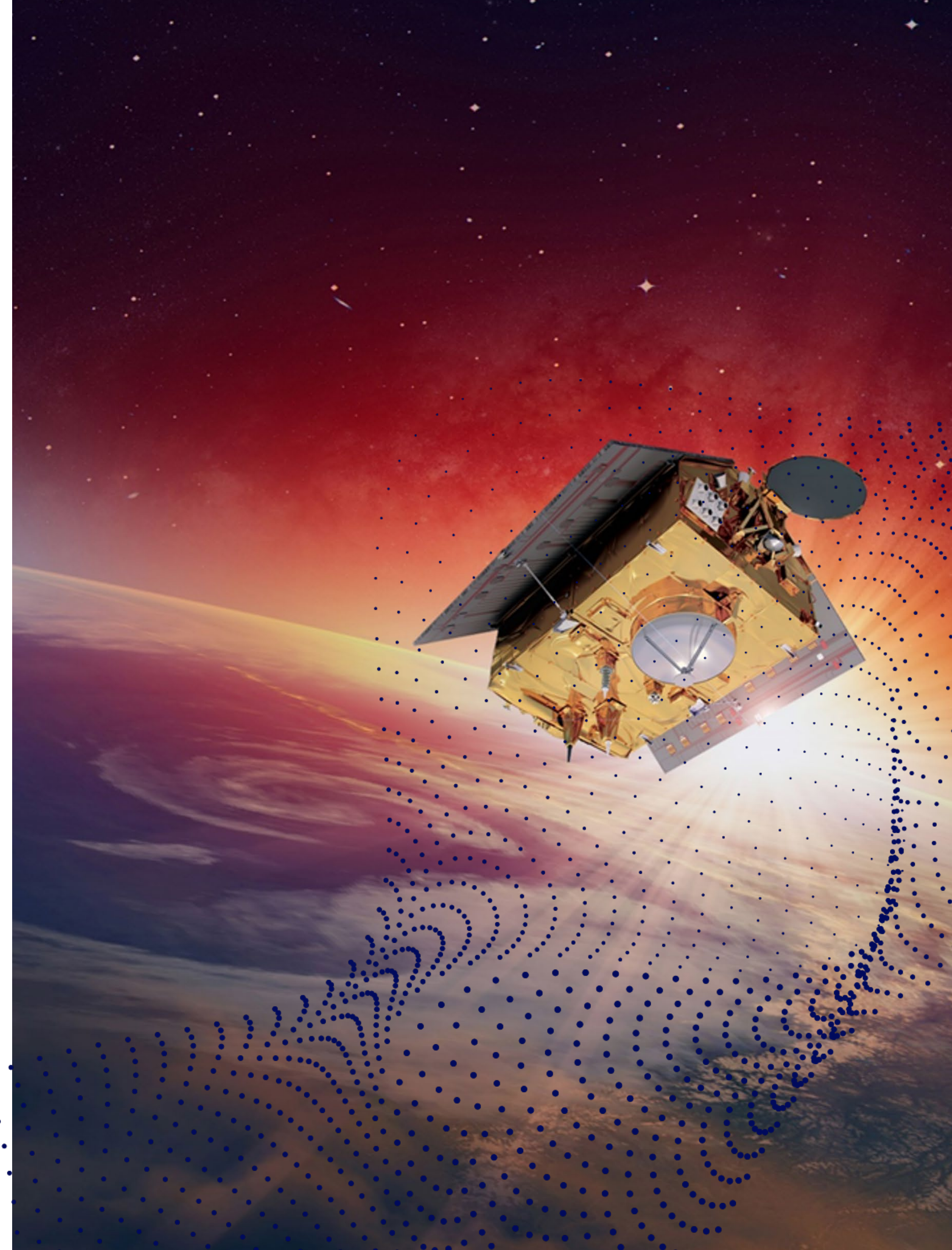
GMES&Africa – Monitoring
Environment and Security

ClimSA – Climate Services and
Related Applications

SBAS – Satellite Based
Augmentation System

PUMA – AMESD – MESA

200+ MEUR invested since 2002



For a renewed & stronger partnership

Work together on a long-term partnership on space and related services

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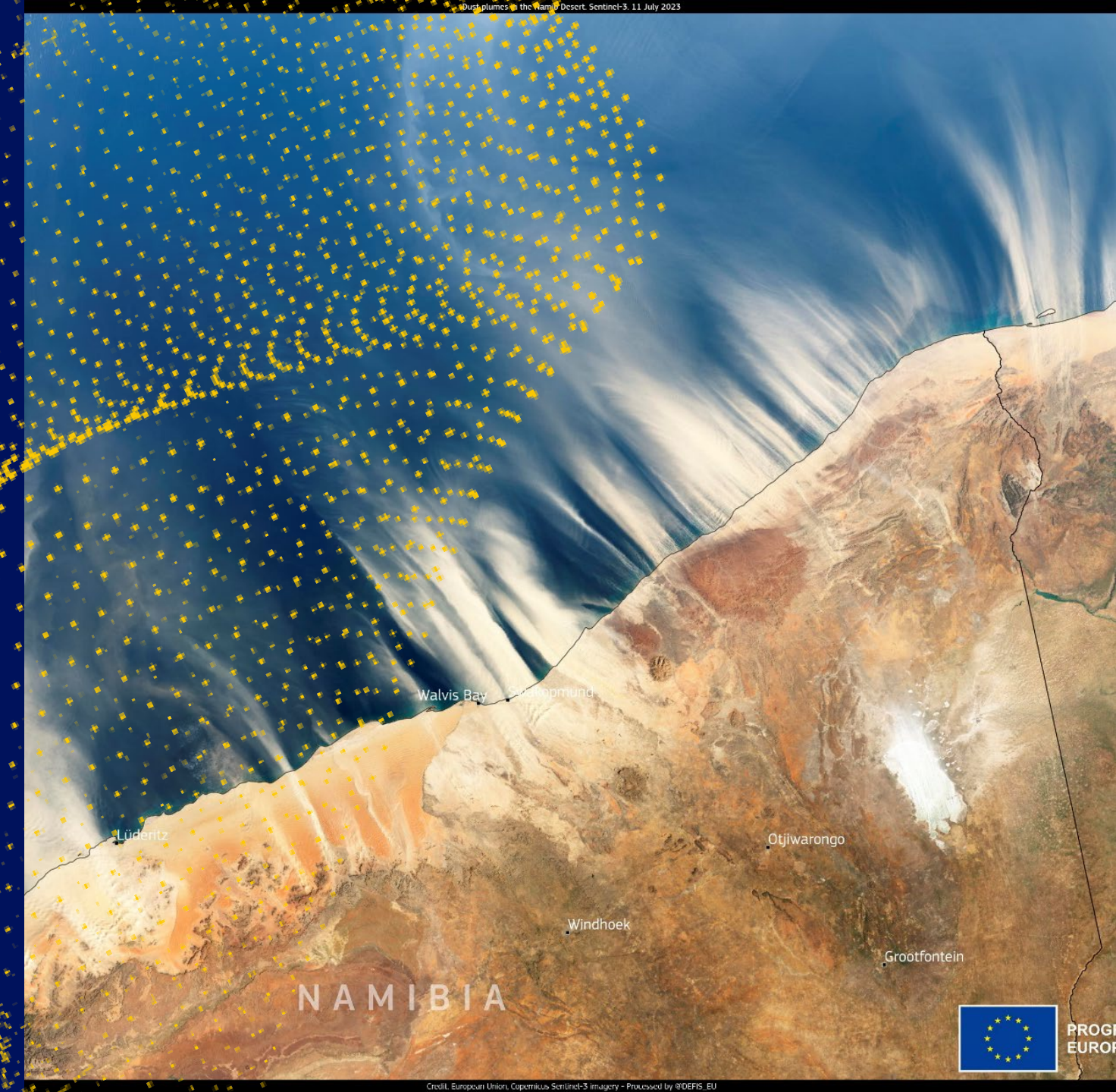
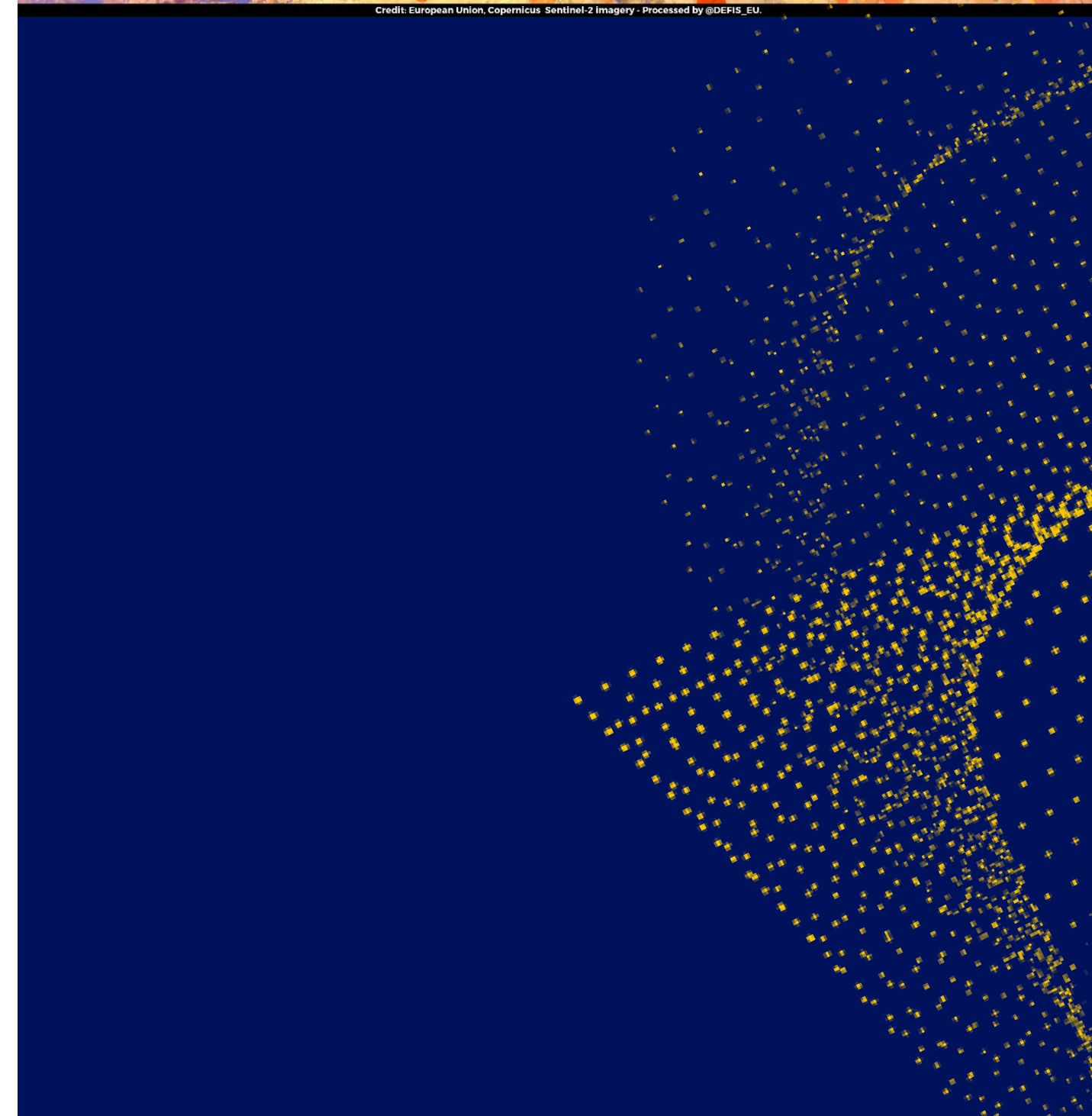
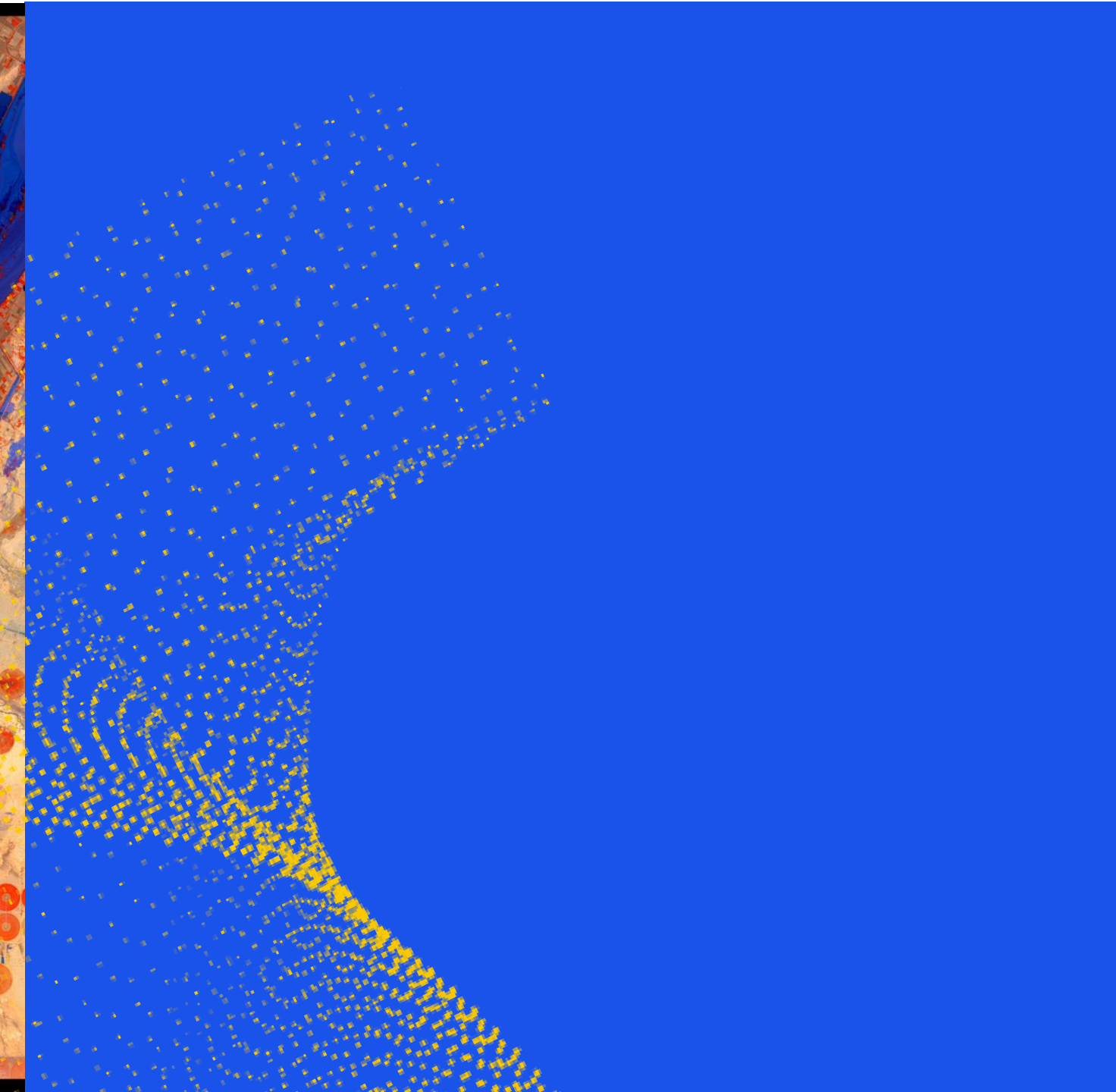
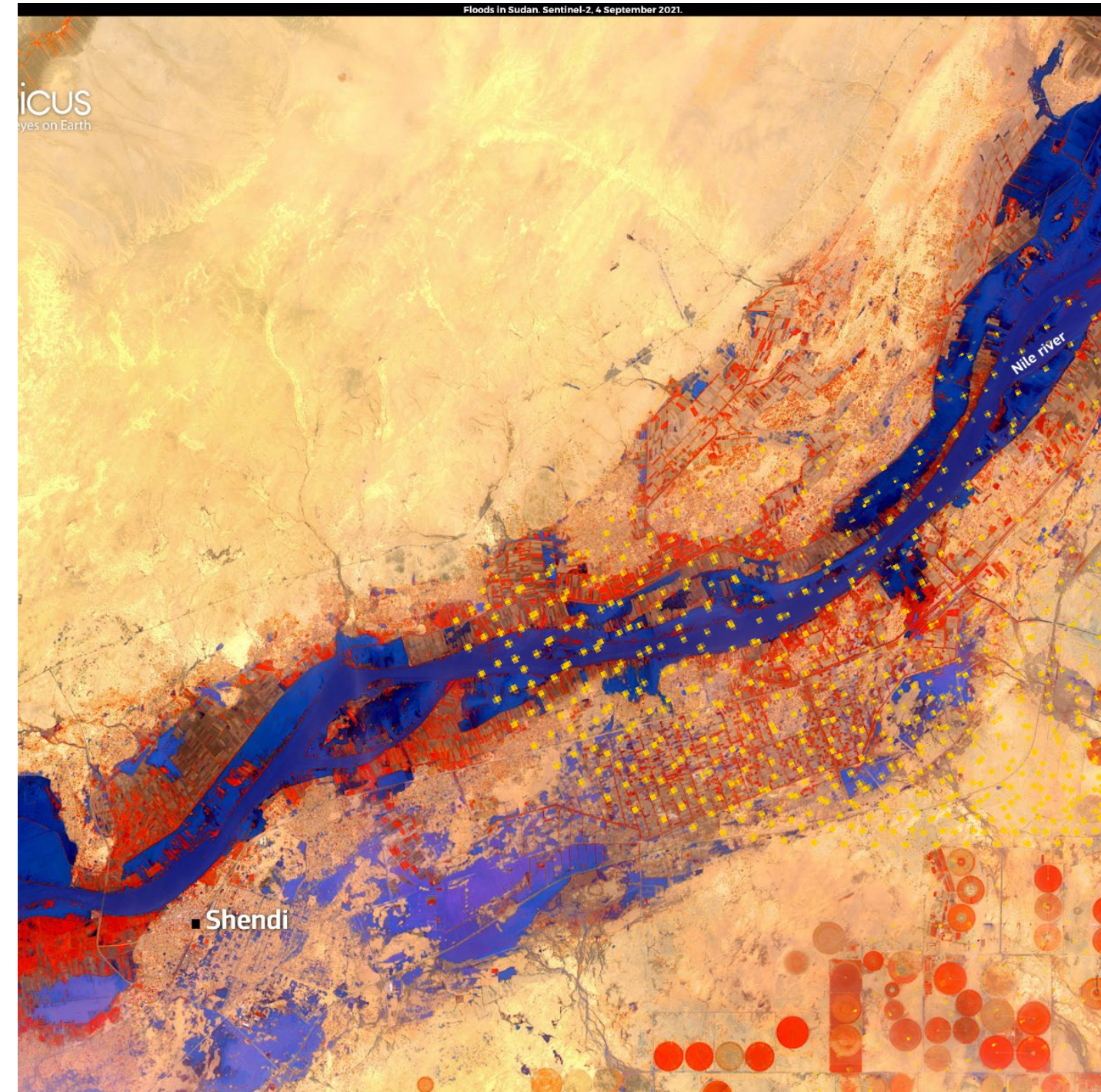
Streamline our cooperation, enhancing benefit across component

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Increase focus on private sector and data-driven economy

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New Space flagship





Africa – EU space partnership programme: the approach

1. Space & Inst. Partnership

Focus on strategic dialogue (tech & innovation partnership, multilateral agenda)

2. Space & Green Transition

Focus on environment (SDGs, green deal, climate target)

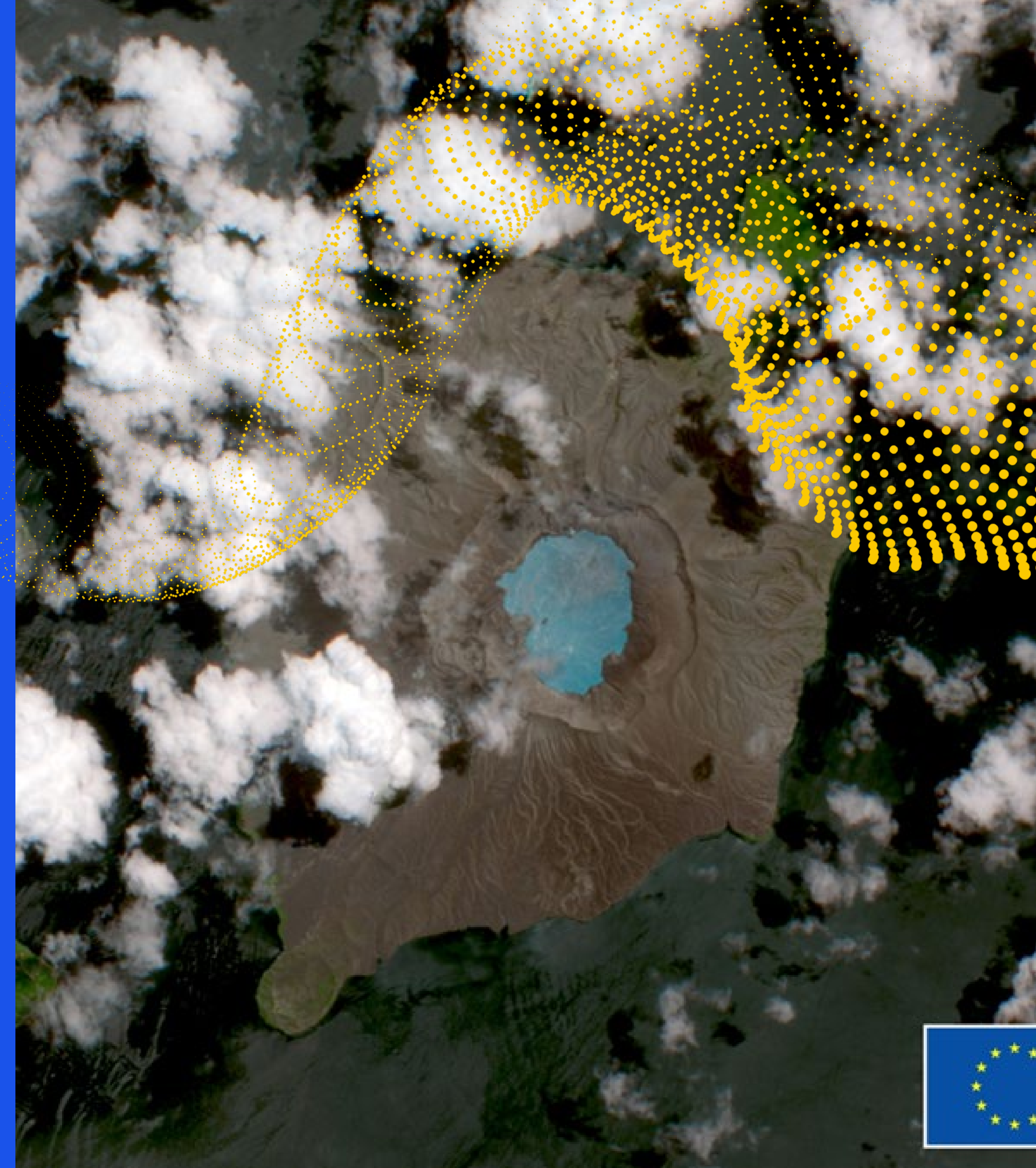
3. Space & Private Sector

Focus on data driven economy (innovation, sustainable growth, New Space)

Indicative budget 100mio

Implementation of the flagship: a two steps phase

First Action Document– EUR 45 M



Key data – AD 1

Title: Africa – EU Space partnership programme

Foreseen EU contribution: EUR 45M

Duration: 4 years

EU programming: NDICI Global Europe – Multi-annual Indicative Programme for Sub-Saharan Africa 2021-2027– priority area 4: Science Technology and Innovation and Digital (AAP 2023)





Action Document: AAP 2023

Overall objective is to **contribute to sustainable development**, a green transition and digitalisation in Africa through an enhanced strategic EU-African space partnership

- **S01: Enhance the African institutional and innovation space cooperation framework including a gender-sensitive outreach on the benefits of space**
- **S02: Enhanced the capacity to produce and deliver space-based services and applications, data and information, for early warning systems related to hazardous weather or climate events**
- **S03: Strengthen African space private sector ecosystem and industrial cooperation**



S01: Enhance the African institutional and innovation space cooperation framework

- 1.1 Contribute to EU-AU Space dialogue**
- 1.2 Increased African Union Commission capacities to build-up and operationalise the recently created African Space Agency (AfSA)**
- 1.3 Enhanced Africa – Europe New Space industrial partnership**
- 1.4 Facilitated development and use of EGNOS-based SBAS and Galileo services in Africa**
- 1.5 Enhanced gender-sensitive outreach on the benefits of space, in particular satellite navigation and earth observation**



S02: Enhance the capacity to produce and deliver space-based services and applications, data and information, for early warning systems related to hazardous weather or climate event

- 2.1 Improved access, processing, applicability and use of Earth Observation (EO) data, with a focus on meteorological data, and Numerical Weather Prediction (NWP) products and services for Early Warning**
- 2.2 Established and operated African Meteorological Satellite Application Facility (AMSAF), including possible support for forecasting capabilities at different ranges led**
- 2.3 Co-designed and delivered Impact Based Forecast services & tools**
- 2.4 Enhanced coordination with institutional framework for hazardous weather & climate Early Warning and shared knowledge across regions**
- 2.5 Strengthened human capacities, knowledge and community shaping across the Early Warning value chain with a focus on space-based data and technologies**



S03: Strengthen African space private sector ecosystem and industrial cooperation

- 3.1 Strengthened capacity and skills for effective involvement of the private sector in the space economy including through a gender-sensitive approach**

- 3.2 Established and operational EU-AU joint space business support schemes with a focus on women empowerment**

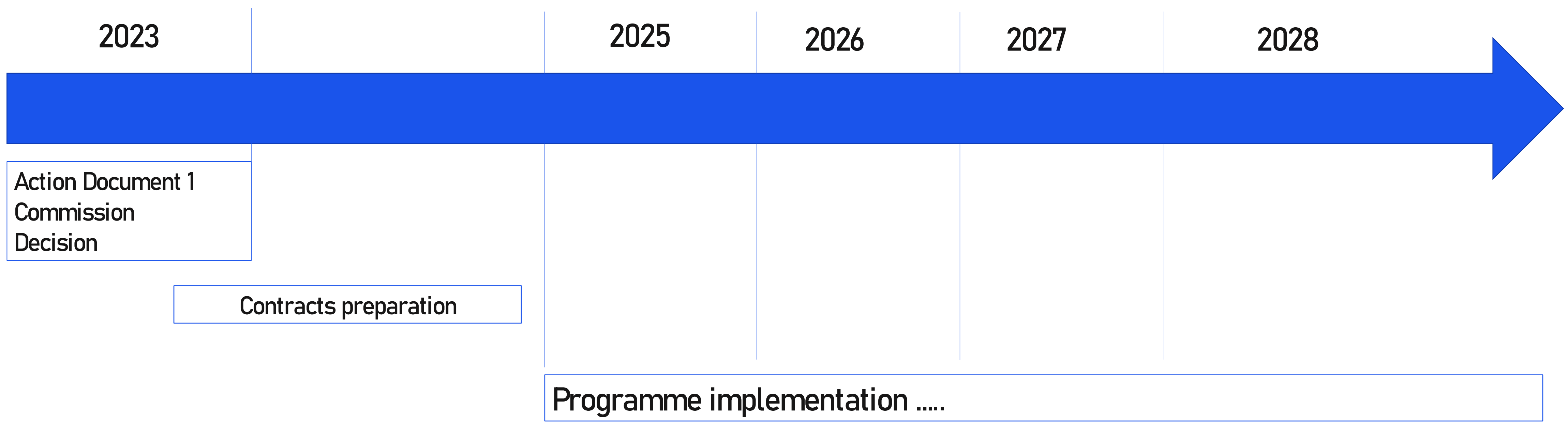


Space partners programme: *indicative partners*

- AUC
- ASECNA
- ESA
- EUMETSAT
- ECMWF



Timeline



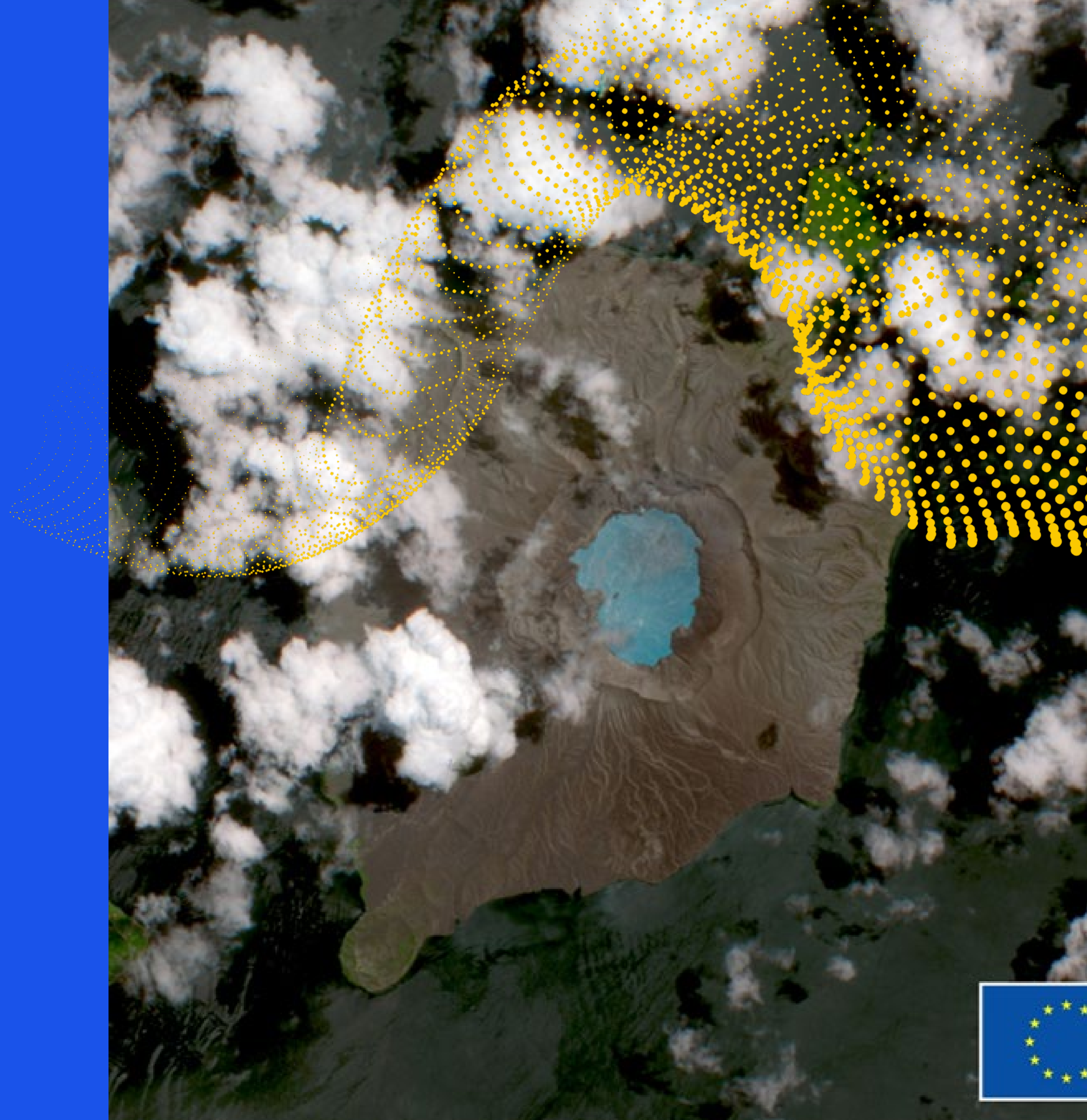
Key takeaways

Africa – Europe partnership

Ownership

Sustainability (user engagement)

User driven



Thank you

