



Funded by
the European Union

EGNOS in Africa Support Programme II



Support to EGNOS in Africa - The Joint Programme Office (JPO)

AFI Regional GNSS/SBAS Coordination Meeting

“Virtual Meeting”

04-05 March 2021

Prepared by JPO

Outline

- **The JPO in brief**

- Background

- Mission

- Team

- Governance and beneficiaries

- **SBAS development in Africa: Coordination in Aviation**

- **Contribution to GNSS/SBAS development**

- **Way forward**



Introduction: Background of JPO



- EGNOS Africa JPO is a key outcome of the Joint Africa-EU Strategy (JAES) regarding Africa-EU cooperation on satellite navigation - 3rd Africa-EU Summit in 2010 in Tripoli. Brussels Africa-EU Summit in 2014 commitment by Programme sponsors
- Operationalization of Africa-EU cooperation on satellite navigation: The ACP/EC framework Programme 'Support to the Air Transport and Satellite services applications in Africa' (SAFIR) was launched in 2012.
- Two projects of the framework Programme, SAFIR and TREGA, addressed the Set-up, staffing and operationalization of JPO plus capacity building for African stakeholders through working sessions.
- Continuity of JPO is ensured through The **Pan' Af programme**, adopted in November 2015, with the 'Support to EGNOS in Africa' Programme.
- Third Phase of the Programme planned to cover **2021 up to 2024 period, with sustainability of the JPO as a cornerstone of the strategy.**



EU-Africa Summit
Sommet UE-Afrique
Bruxelles 2014 Brussels



The JPO mission and Values

Mission statement

As a Pan African specialized 'entity', to coordinate and support the implementation of seamless and sustainable satellite navigation solutions in all sectors with aviation as a main driver.

JPO Values

- Eager to respond to Continental challenges.
- We strive to find smart innovative GNSS solutions.
- The African Continental Agenda, our mainstay

The JPO: A multidisciplinary African Team



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BOUKARY M.
Program Manager



Semou DIOUF
Director



Dr. Aicha A. OUMAROU
Manager Legal and
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Alex WANDA
GNSS Expert



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Operation Expert



Bedan Thendu
Aviation Expert



Kawossar LASSISSI
Program Assistant



Astride Dovonou
Administrative Assistant

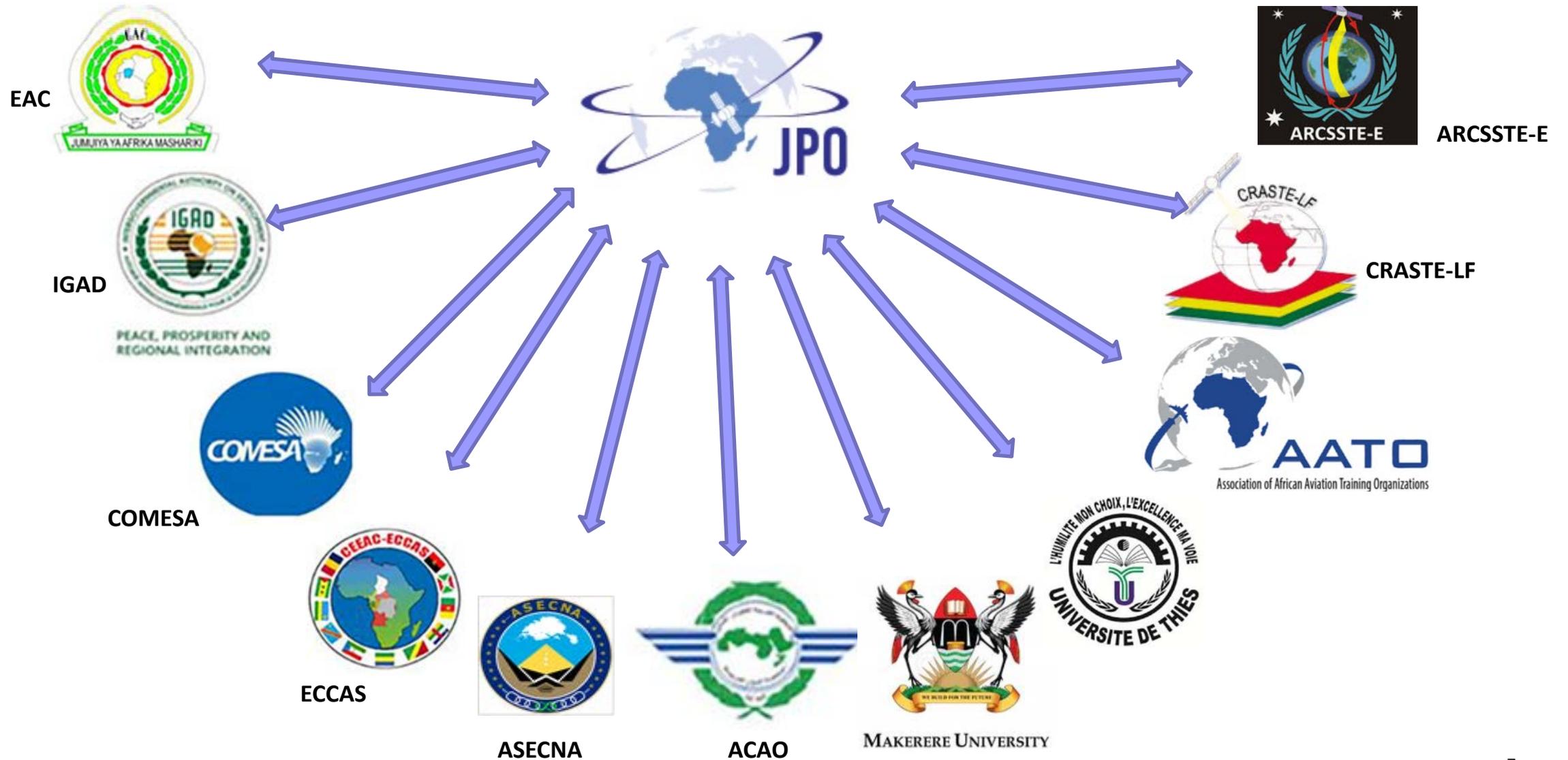
Governance and beneficiaries



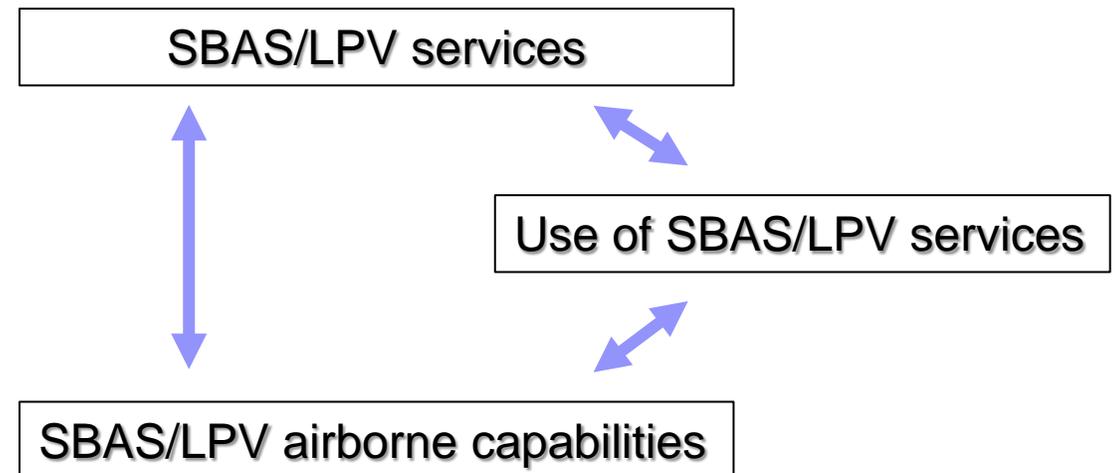
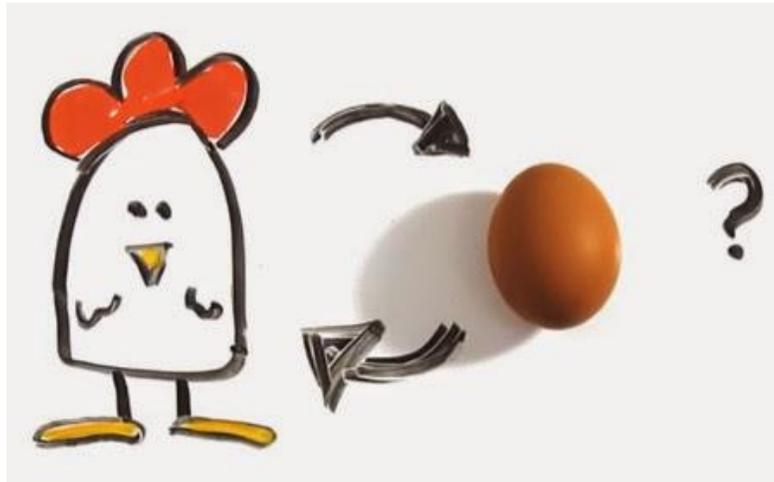
To coordinate and support Satellite Navigation solutions in Africa

- Steering Committee Co-Chairs: AUC, EC
- Provides various support to the concerned stakeholders.
- Main beneficiaries
 - AUC, AFCAC, ICAO
 - Regional Economic Communities
 - ASECNA, ACAO
 - Interested States and ANSPs
 - Interested Airlines
 - Training Institutions
- Modus Operandi: Beneficiaries to establish a working arrangement with JPO.

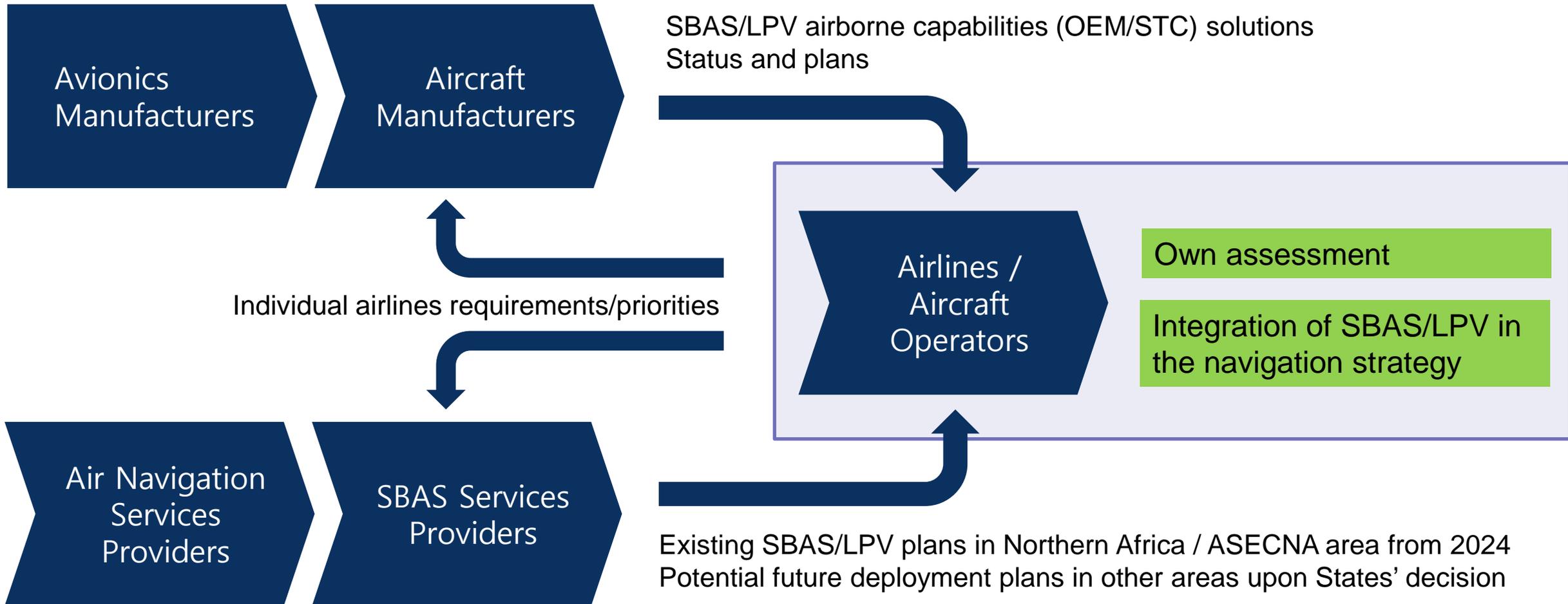
Beneficiaries under working arrangements



SBAS development in Africa: Coordination in Aviation



SBAS development in Africa: Coordination in Aviation (ct'd)



Contribution to GNSS/SBAS development in Africa

The JPO Strategic Intervention Areas

JPO intervention areas for beneficiaries

Area 1:
Support to GNSS/SBAS
services Implementation

Area 2:
Support to GNSS/SBAS
applications development

Area 3 :
Support to promotion and
communication of GNSS/SBAS
services

Area 4:
Training and capacity
building on GNSS/SBAS

Area 5:
R&D and specific support
services (in development)

How can JPO support African GNSS Stakeholders

❑ Studies and Capacity building to support regional programmes and organisations

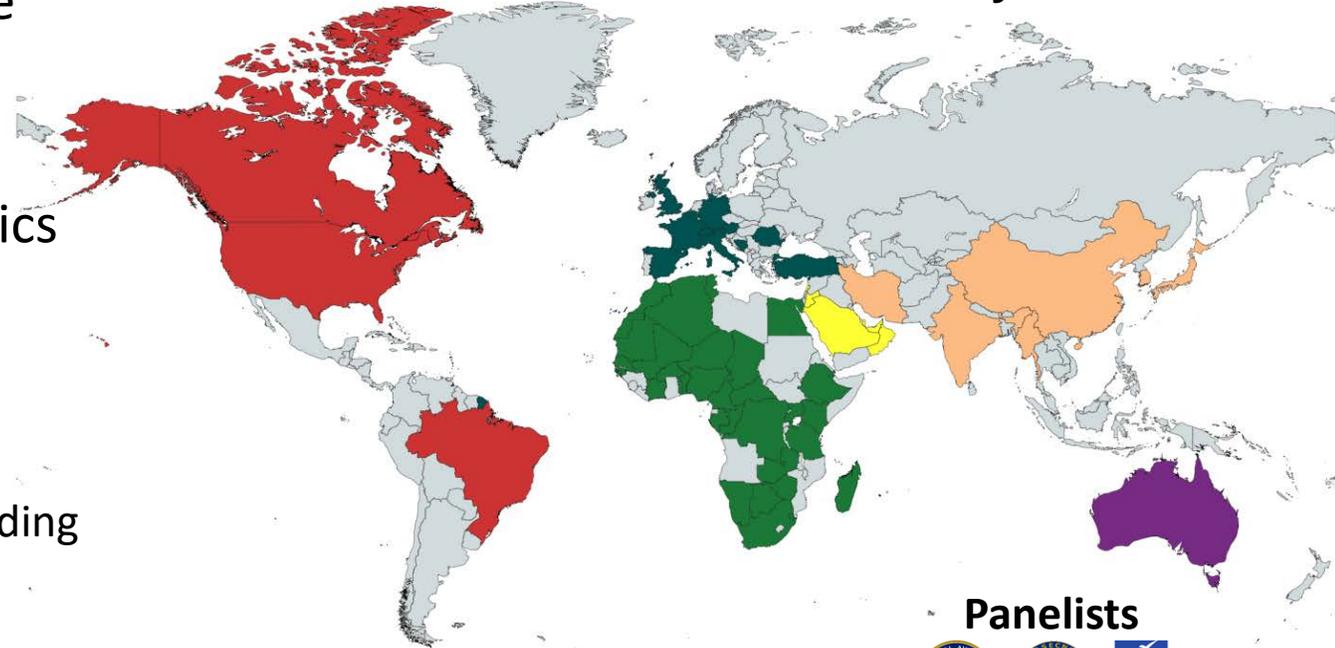


100% financed by JPO budget

How can JPO support SBAS in Africa – Communication & Outreach events

- Organisation of Outreach Event in Togo, Lomé following flight demonstrations by ASECNA.
- To foster multilateral dialogue with all stakeholders including Airlines, aircraft/avionics manufacturers, SBAS providers and institutional/technical stakeholders.
- Outcomes
 - Awareness of the readiness and achievements leading to SBAS use over the world.
 - Capture information on SBAS benefits and opportunities in Africa.
 - Continuous exchange on “nice to know” information on SBAS/LPV in Africa.
 - Share and learn SBAS development plans with an end-to-end perspective.
 - Assert inclusive strategic vision towards SBAS use in Africa.

Outreach Event 28th -29th February 2021



Participation

	Day 1	Day 2
Registered	731	718
Participants	439	377

29 Airlines Participated

Panelists



Way forward

- **JPO capacity building programme** and the **proposed collaborative framework** provide a **solid foundation** on which Africa is **capitalizing** for current & future GNSS / SBAS implementation plans in Africa.
- **‘EGNOS in Africa Support Programme’** secured the continuity of JPO programme phases through the Pan-African financial instrument, therefore opening new opportunities for **JPO** in **accelerating** GNSS/SBAS implementation plans in Africa.
- **Continue awareness through outreach events in support to GNSS/SBAS development in Africa.**
- **JPO is ready to further assist stakeholders in the coordination and development of GNSS/SBAS in Africa**
 - Single African Air Transport Market (SAATM) implementation
 - Enabling PBN implementation in Africa
- *Next step is for Africa to capitalize on this new asset as part of a **building block for AU Space Policy and Strategy** implementation regarding **Positioning Navigation & Timing.***

EGNOS Support in Africa II

Joint Programme Office (JPO)



Thank You

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