



**Satellite Navigation in Africa Support Programme  
III**

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**Joint Programme Office (JPO)**

**Vacancy Notice**

**N° JPO/R0/HR/2022/VAC/GMA01**

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**GNSS Markets Analyst**

**Revision 1.2**

**(New Extension of application deadline)**

## 1. Position information

<b>Position title</b>	<b>GNSS Markets Analyst</b>
<b>Vacancy notice</b>	JPO/R0/HR/2022/VAC/GMA01
<b>Duty station</b>	Dakar, Senegal
<b>Application deadline</b>	<del>30/11/2022</del> Extended up to 15/01/2023
<b>Date for entry in duty</b>	Early 2023
<b>Eligibility</b>	National of African Union member States <u>Eligible to be a resident and obtain a work permit in Senegal</u>
<b>Special notice</b>	"Satellite Navigation in Africa Support Programme III" is supporting gender equality, and women and girl's empowerment. Female candidates are strongly encouraged to apply for the position.

## 2. Satellite Navigation in Africa Support Programme III

The objective of the Programme "Support to Satellite Navigation in Africa - III", co-funded by the European Union (EU) and the Agency for Air Navigation Safety in Africa and Madagascar (ASECNA) is to consolidate the development satellite-based augmentation services (SBAS) and the adoption and use of global navigation satellite services (GNSS) in Africa.

This objective is broken down into two (02) components:

- Component I:  
Technical support and capacity building to regional/continental stakeholders to accelerate and facilitate the development of the regional modules and the integration of SBAS in continental planning and policies
- Component II:  
Support the adoption of GNSS services and the development of related applications across Africa, including those based on European programme Galileo

The achievement of the Programme objective, its expected results and the performance of its related activities, are entrusted to a pan-African project team of experts, the SatNav Africa Joint Programme Office (JPO), which office is hosted by ASECNA in Dakar, Senegal.

The main beneficiaries of the Programme include the African Union Commission (AUC) and its specialised agencies (including the African Civil Aviation Commission (AFCAC) and the African Space Agency), the International Civil Aviation Organisation (ICAO), the Arab Civil Aviation Organisation (ACAO), the Regional Economic Communities, Air Navigation Service Providers (ANSPs), Airport Operators, and Airlines.

Beneficiaries also include other sectoral organisations in sectors such as agriculture, maritime, geospatial, automotive, rail, Location Based Services (LBS), drones, and Internet of Things (IOT).

The end-user beneficiaries include the air transport and other sectors users and African citizens in general who will benefit from the positive economic and environmental impact of improved safety, cost reduction, lower carbon emission, connectivity increase, job creation, etc.

The governance of the Programme is provided through a Steering Committee, co-chaired by the African Union Commission and the European Commission and made up of representatives from the beneficiary institutions.

The Programme is seeking to recruit an expert on GNSS Market Analyst.

### **3. Major duties and responsibilities**

The incumbent will contribute to the implementation of the Programme to achieve its objective and expected results, providing specialised economic expertise in the field of satellite navigation.

He/she will act as GNSS Market Analyst within the JPO team, under the guidance of the Head of Adoption and Market Development.

He/she will interact with all the other members of the JPO team as well as with external organisations concerned with the implementation of the Programme.

The main responsibilities for the position will include:

1. Contribute to the planning activities and undertake market studies, economic analysis, impact assessments, cost benefits analysis, Business cases, statistics and econometric analysis, etc.
2. Undertake the development of dashboards and tools to monitor the evolution of GNSS market segments and value chains in Africa
3. Undertake the technology and sector watch, and research activities, in these domains
4. Undertake GNSS downstream market development activities, for the different GNSS user market segments (aviation, maritime, rail, road, agriculture, location-based services, surveying, timing and synchronisation, drones, etc.)
5. Organise users' communities, develop consultation platforms to monitors users' needs and requirements and recommend actions for downstream market development
6. Contribute to GNSS industrial and academic cooperation activities, from the economic perspective
7. Contribute to the GNSS promotion, applications development, capacity building and communication activities, from the economic perspective

## 8. Qualifications and experience

### **Education :**

Essential :

- Master's degree in Economics/Business/Finance or in Engineering

Desirable:

- Degree in applied computer science to economic or management
- Knowledge of GNSS or other space applications

### **Professional experience:**

Essential:

- Experience in market analysis, economic modelling, and statistics
- Experience in working with innovation projects in the areas of satellite navigation, transports, agriculture

Desirable:

- Three (3) years or more of professional experience in the economic department of a firm or international organisation

### **Languages:**

Essential:

- French, CECRL<sup>1</sup> C1 level
- English, CECRL B2 level

### **Market analysis:**

Essential:

Ability to:

- develop detailed tools and economic and econometric models for specific domains
- develop tools and dashboards to watch and monitor market trends and evolutions in sectors
- develop and organise detailed sectoral market studies
- conduct impact assessments, business cases and other economic evaluations
- build and manage the network of users and develop consultation platforms
- to collect, organise and analyse data
- maintain sectoral databases and produce regular reports
- develop policies, strategies, and guidance
- draft and review complex programmatic documents

Highly organized and detail-oriented with a passion for ensuring projects proceed efficiently and effectively

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<sup>1</sup> Cadre européen commun de référence pour les langues

## **Digital:**

Essential:

- Sound experience in using computers, including latest digital communication and document production tools (office software, VoIP software, ...)
- Advanced skills with advanced digital content (text, tables, database, ...) production
- Advanced skills with data processing tools
- Advanced skills with Project Management Software Tools (Microsoft Project or similar), and database Management (Excel, Access, SQL, PowerBI or equivalent)

## **9. Competencies**

Ability to:

- demonstrate professional competence and mastery of subject matter, to work autonomously and confidentially, to be results driven, to make realistic commitments, to meet deadlines, to show persistence when faced with difficult situations or challenges, and to work under stressful situations
- work in a multicultural environment, to work collaboratively with colleagues to achieve project goals, to solicit input by genuinely valuing others' ideas and expertise, to share credit for team accomplishments, and to accept joint responsibility for team shortcomings
- speak and write clearly and effectively, to exhibit interest in having two-way communication, to address a wide audience, and to be eager to share information and to keep people informed.
- take ownership of all responsibilities and honour commitments, to deliver outputs within prescribed time, cost and quality standards, and to operate in compliance with organisational regulations and rules.

## **10. Conditions of employment**

Applications are opened to nationals of the African Union member States.

The post is to be filled on a fixed-term basis. It may include a probation period of three (03) months.

Remuneration will be defined in accordance with the conditions applicable to the Programme and depending on the experience of the incumbent.

The type of employment contract may differ according to the status of the incumbent. This can include temporary contract through an employment agency.

## **11. Process of selection of candidates**

Selection of candidates will be compiled, based on assessment of the applications received. The short-listed candidates will be then invited for interviews through web-conference or in-situ as applicable.

## 12. How to apply

Interested candidates must complete an application dossier which shall include:

- Curriculum Vitae (CV)
- Motivation letter
- Passport copy
- Certified copies of diploma(s) and certificate(s)
- Recommendation letter(s) (optional)

The CV shall be completed using the template available here: [http://europass.cedefop.europa.eu/sites/default/files/ecv\\_template\\_en.doc](http://europass.cedefop.europa.eu/sites/default/files/ecv_template_en.doc)

*Notes:*

*Instructions for filling the CV can be found here:*

[http://europass.cedefop.europa.eu/sites/default/files/europass\\_cv\\_instructions\\_en.pdf](http://europass.cedefop.europa.eu/sites/default/files/europass_cv_instructions_en.pdf)

*Example of filled CV can be found here:*

<http://europass.cedefop.europa.eu/sites/default/files/cv-example-1-en-gb.pdf>

Applications dossier shall be submitted electronically, by not later than January 15, 2023 (18:00 UTC) to: [vacancy@satnav-africa.com](mailto:vacancy@satnav-africa.com)

The Satellite Navigation in Africa Support Programme III reserves the right not to uphold the present vacancy notice.

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