

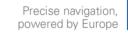
# **EGNOS Users' Satisfaction**

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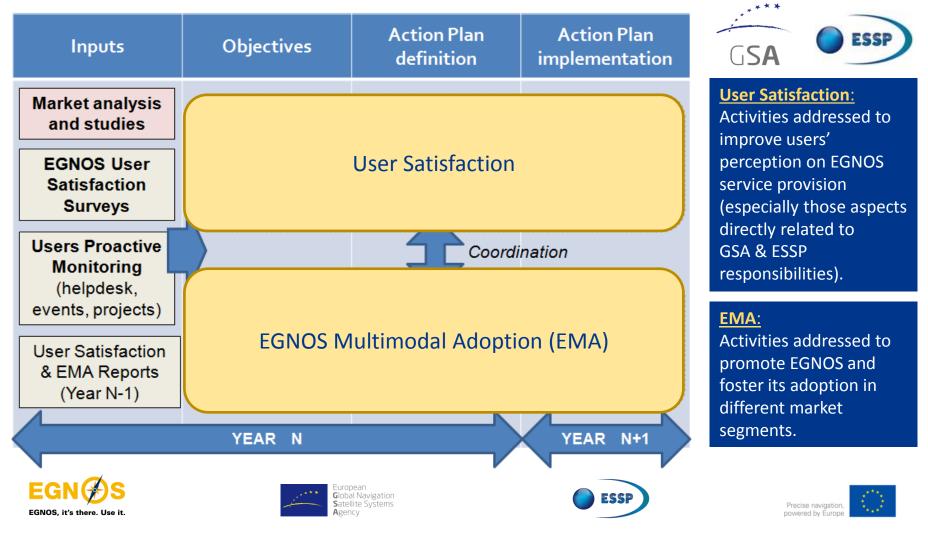


## **EGNOS Users' Satisfaction Pilars**

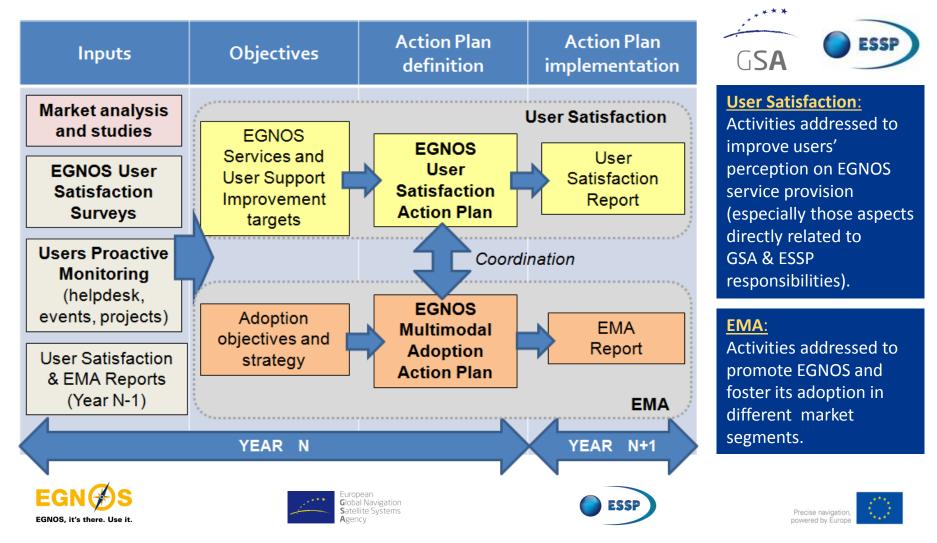


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## **User Support Improvement Process**

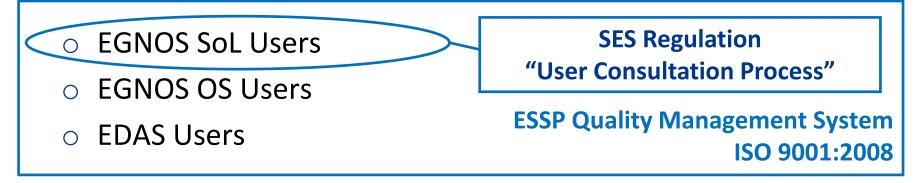


## **User Support Improvement Process**



# **EGNOS Users' Satisfaction**

 The EGNOS users' satisfaction process covers GSA & ESSP objectives to identify and satisfy user needs:



 How to assess the level of satisfaction of this heterogeneous group of Users?

<u>GSA & ESSP INTERFACES WITH USERS (EGNOS HELPDESK, EVENTS, PROJECTS, ADOPTION</u> ACTIVITIES, EGNOS SERVICE PROVISION WS...)

SPECIFIC USER ORIENTED SATISFACTION SURVEY

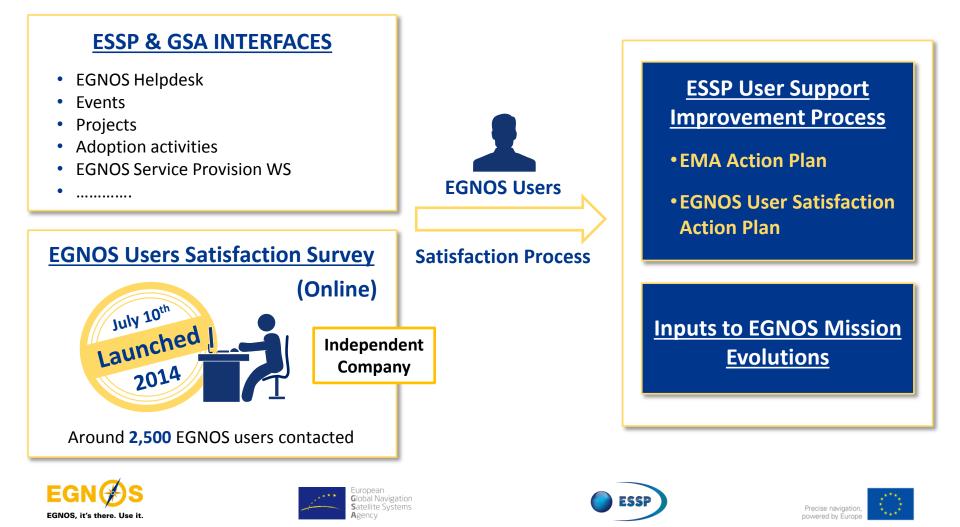




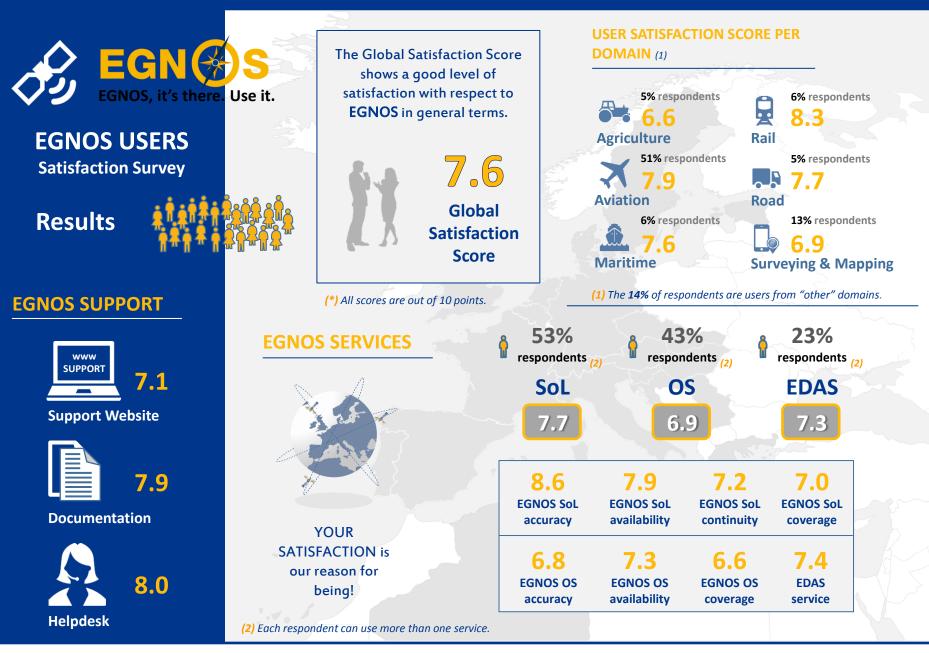




# **EGNOS Users' Satisfaction**



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□ Increase user awareness about the EGNOS services and activities. As well as on the EGNOS Service provision scheme and actors.

### AWARENESS / COMMUNICATION

#### COMIMONICATION

- Improve awareness on the EGNOS information sources available and improve accessibility / usability of the available sources (e.g. mobile app).
- Provide more practical / customized / specific information in different fairs and workshops and implement the co-marketing concept.

Increase the GSA and ESSP support to use EGNOS in users' application(s).

### SUPPORT TO IMPLEMENTATION

- Increase customized support offered to EGNOS users depending on the type of organisation.
- Analyse the reasons of low satisfaction levels on EGNOS services and the classification per country or organisation type.











#### **SUPPORT WEBSITE**

- Overall EGNOS User Support Website improvement.
- Better categorization of Service Notices in the website.

#### HELPDESK

Improve EGNOS Helpdesk quality and increase awareness & communication on its functionalities (a deeper analysis of the user's question, questions and user post-tracking, more detailed information, improve speed and quality of responses, etc.).

#### DOCUMENTATION

- Improve the SDDs in layout, frequency and services continuity information and provide customize contents for new operations (LPV-200, LP, RNP0.3).
- Provide more information / documentation related to EGNOS Projects funded by GSA / EC and their main results and applications.
- Improve Service Implementation Roadmaps to include new operations (LPV-200, LP, etc.) and consolidate the consistency & dependencies of all ESSP's roadmaps.
- Improve EGNOS Performance Reports (customizable performance graphics, improve performance maps resolution, more information on EDAS-based positioning performance, etc.).
- Improve the EGNOS Notifications Service (information more understandable and more fitted to user needs, notifications customized per site impacted, Include more information besides PRN number and time, etc.).



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- Ensure EGNOS APV-I availability and continuity in the SoL Service Area with special effort in the boundaries and the north and south of Europe.
- Extend the geographical coverage to Canary Island, the north of Africa and the Middle East regions.
- □ Analyse the capability of EGNOS to meet the performance requirements for the implementation of EGNOS Cat-I (autoland) operations [HAL=40m, <u>VAL=10m</u> and continuity of <u>2x10-7/150sec</u>]. LPV-200 actually considers VAL of 35m.
- Increase communication and awareness on the benefits of EGNOS for aviation including the generation/update of guidance material for operators and ANSPs.
- Increase support to rotorcraft users and analyse current promulgation criteria for private heliports.
- Analyse ways to support implementation of LPVs at private airports with no lighting or no ATC.
- Increase support to aviation users to better anticipate impact of LPV-200 and provide them with additional information on EGNOS LPV STCs available or third parties that could support their implementation based on EGNOS.







EGNOS SoL AVIATION

**EGNOS SoL** 

PERFORMANCE

EGNOS Servio

Global Navigation

### EGNOS SoL MARITIME

- Analyse the possibility to transmit EGNOS corrections via IALA beacons, Automatic Identification System (AIS) or VHF Data Exchange System (VDES).
- Continue the support provided in different projects aimed at defining the appropriate service provision framework for EGNOS in the maritime domain.

#### **EGNOS SoL RAIL**

Analyse how current EGNOS performance could support Safety Integrity Levels (SIL) rail requirements.

#### EGNOS OS

- Overall improvement of availability and accuracy and extend the geographical coverage to northern Europe, Africa, Middle East and ENPI South region.
- Increase awareness of the EGNOS Time Service and about its use and potential applications.
- Improve support provided to agriculture users by providing them with more customized information (e.g. maps) and customized means (e.g. not used to speak English).

#### EGNOS EDAS

- Improve the quality of data provided by the EDAS Services.
- Improve EDAS services to provide more selective data filtering and to ensure better consistency between DGNSS and RTK data. In addition deployment of correction needs to be fast.
- Improve the EDAS Client SW to provide additional information (e.g. statistical data) and increase its robustness.









Global Navigation

# **EGNOS Users' Satisfaction Implemented Actions**

- The EGNOS User Support Website has been completely redesigned and restructured!
- Innovative ways to present the information to users are being defined.



- The EGNOS Multimodal Adoption (EMA) action plan for 2015 considers user recommendations to foster the EGNOS adoption in all market segments.
- Different action plans are being developed or updated in order to improve the way EGNOS is promoted and documented.



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# **EGNOS Survey open !!**

• EGNOS Survey (GSA-ESSP) launched in 2015 (30/09) covering EGNOS Services' users during 2015

### Take Part in the EGNOS User Satisfaction Survey!

Dear EGNOS User/Stakeholder,

The actual EGNOS services are currently delivered by European Satellite Services Provider (ESSP SAS) under contract with the European GNSS Agency (GSA) for the period 2014 – 2021. Together, GSA and ESSP work to meet and improve EGNOS users' needs and expectations and to support the promotion and marketing of the services offered by the EGNOS programme.

The <u>EGNOS User Satisfaction Survey</u>\* is intended to measure EGNOS user satisfaction and gather valuable suggestions to improve the quality of the EGNOS services and to measure the ESSP performance as EGNOS Service Provider. Your opinions are important to us, and will help EGNOS continue to improve, meet and hopefully exceed your expectations.

*Completing the survey should only take about 15 minutes and all responses will be treated under applicable European Data Protection law.* 

<u>https://gsa-2015-egnos-uss.typeform.com/to/BjTUY4</u>















http://egnos-user-support.essp-sas.eu

egnos-helpdesk@essp-sas.eu +34 911 236 555 (H24/7)

Corporate Video



## Thank you!