



EGNOS Services Status

Rome 24/Sep/2019

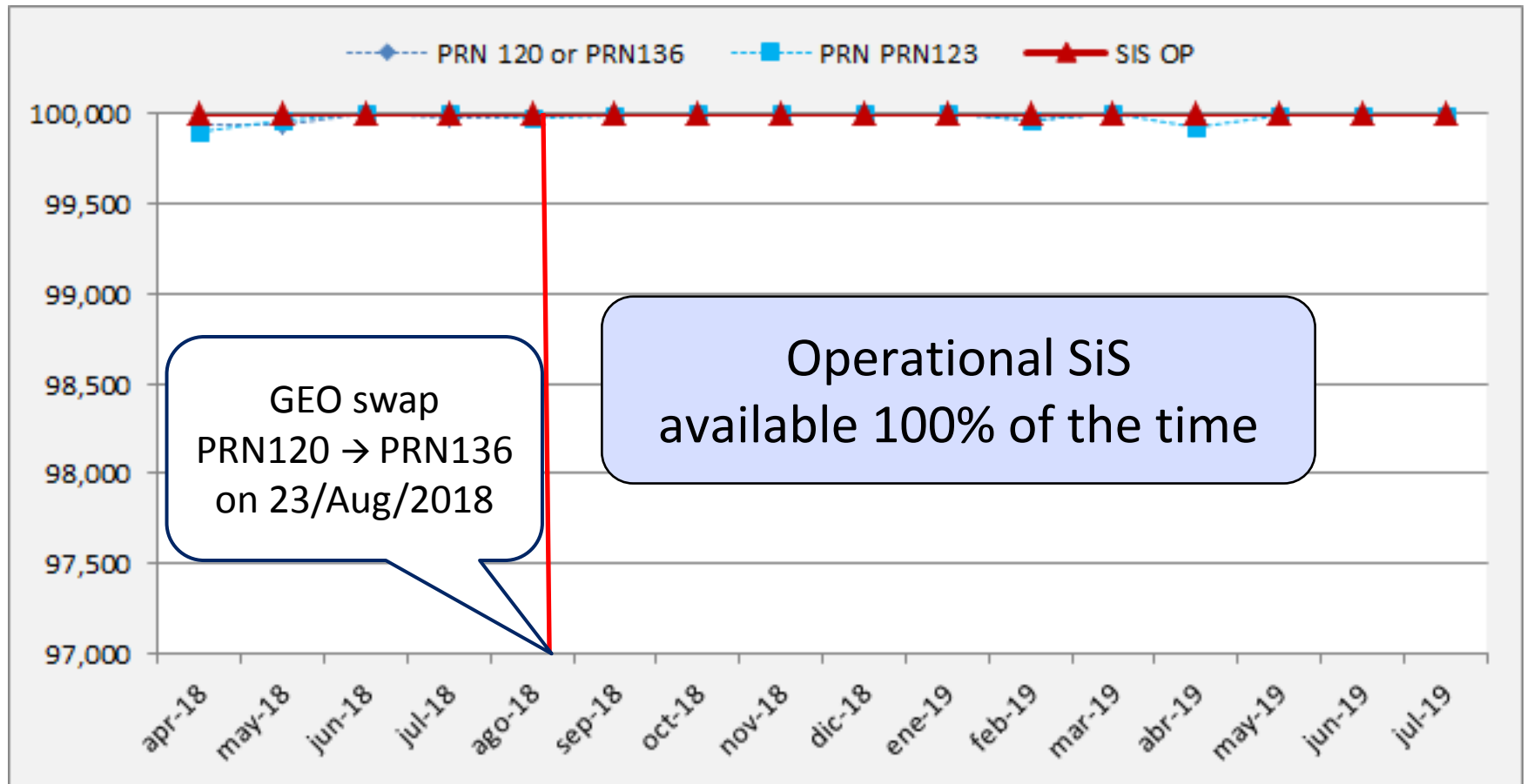
EGNOS Services Status

- Signal in Space Availability
- EGNOS Safety of Life Service
- EGNOS Open Service
- EDAS Service
- User Satisfaction Survey Results

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Signal in Space Availability

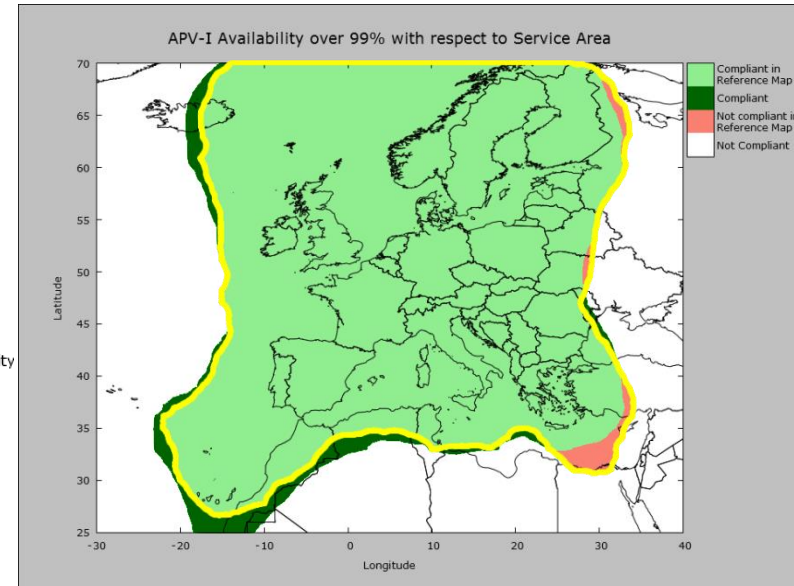
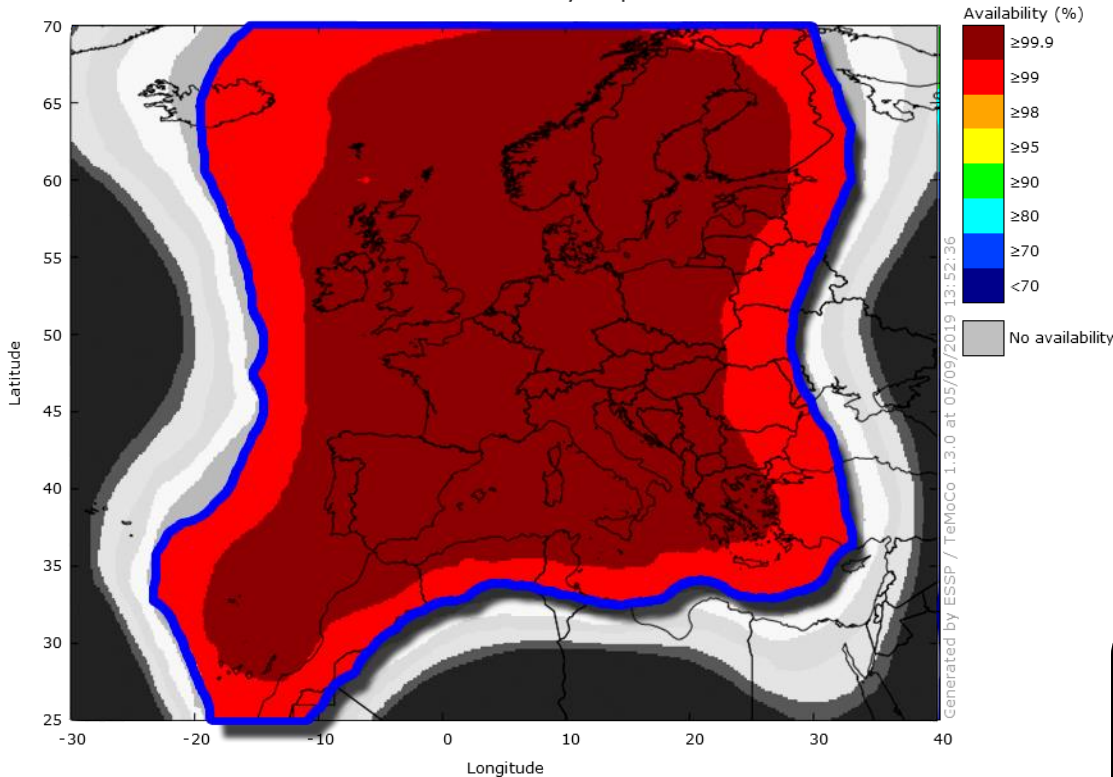


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EGNOS SoL: APV-I Availability

SIS Op - 01/04/2018 00:00:00 to 31/07/2019 23:59:59
APV-I Availability Map



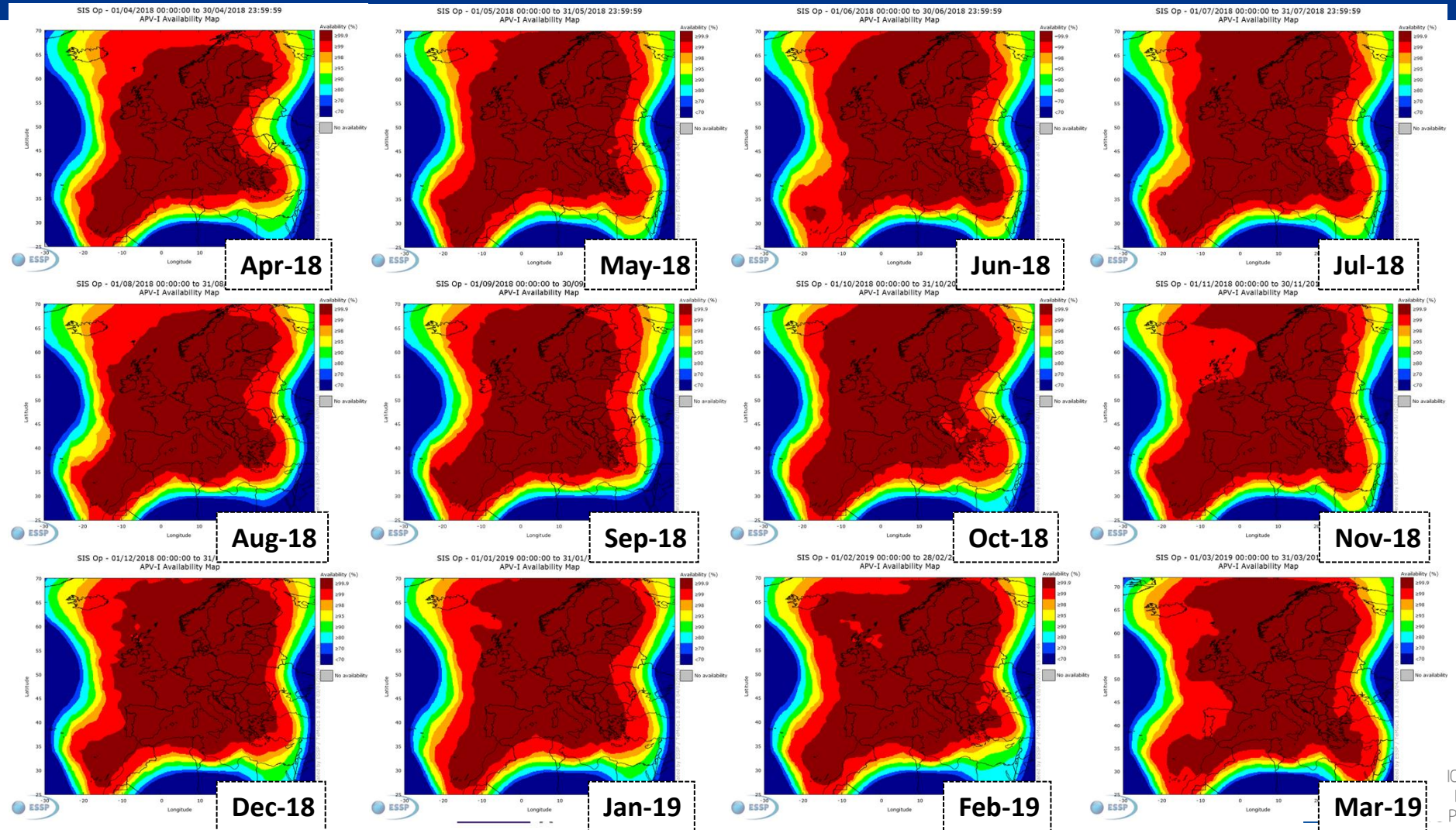
Compliance except in the
East and South-East

EGNOS SoL: APV-I Availability at airports with LPV procedures



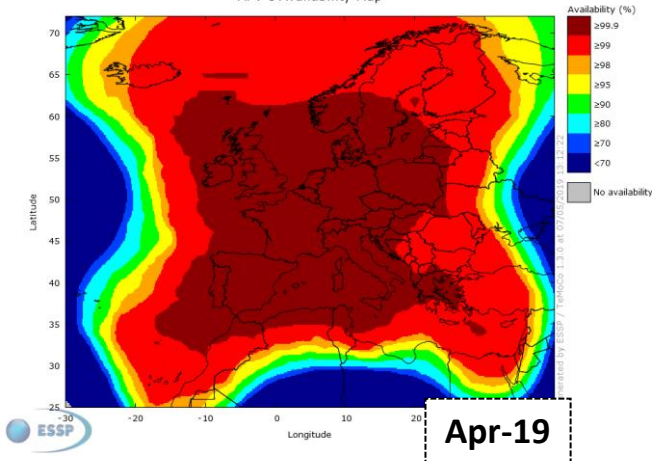
Compliance at all airports
(from 01/Apr/2018 to 31/Jul/2019)

EGNOS SoL: APV-I Availability trend monthly maps

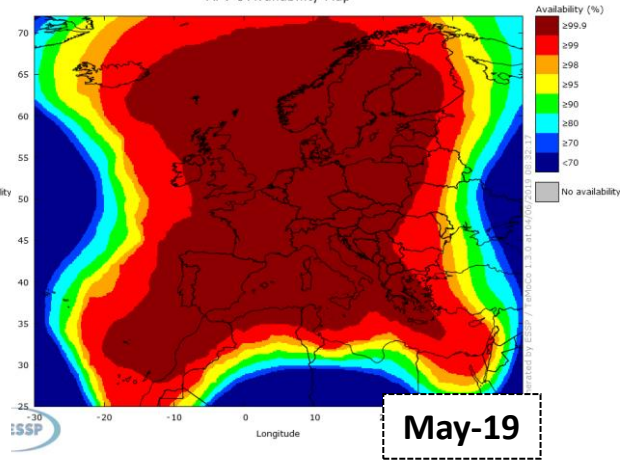


EGNOS SoL: APV-I Availability latest months

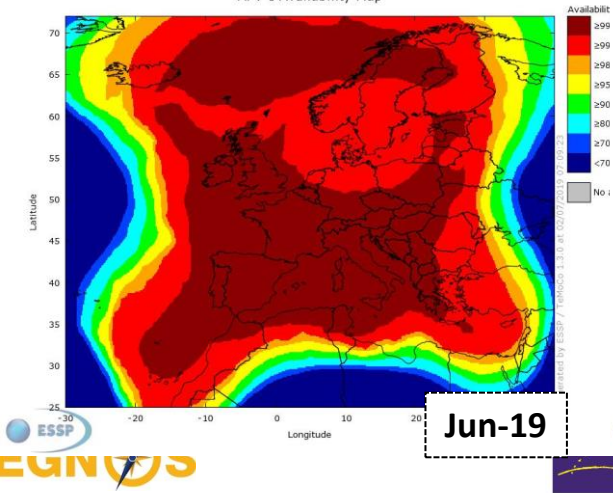
SIS Op - 01/04/2019 00:00:00 to 30/04/2019 23:59:59
APV-I Availability Map



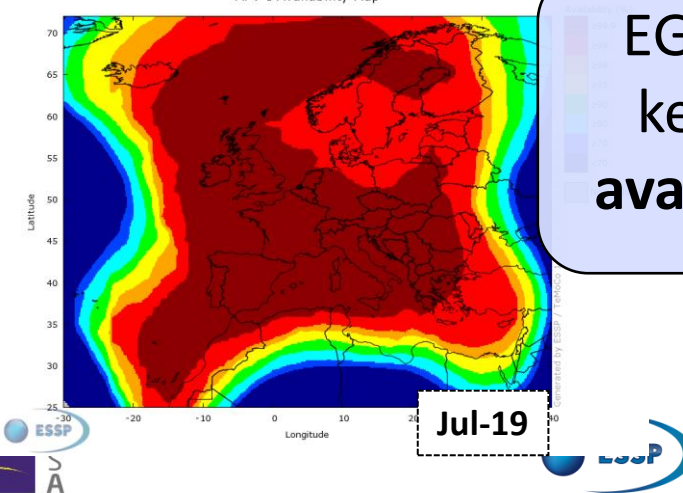
SIS Op - 01/05/2019 00:00:00 to 31/05/2019 23:59:59
APV-I Availability Map



SIS Op - 01/06/2019 00:00:00 to 30/06/2019 23:59:59
APV-I Availability Map



SIS Op - 01/07/2019 00:00:00 to 31/07/2019 23:59:59
APV-I Availability Map

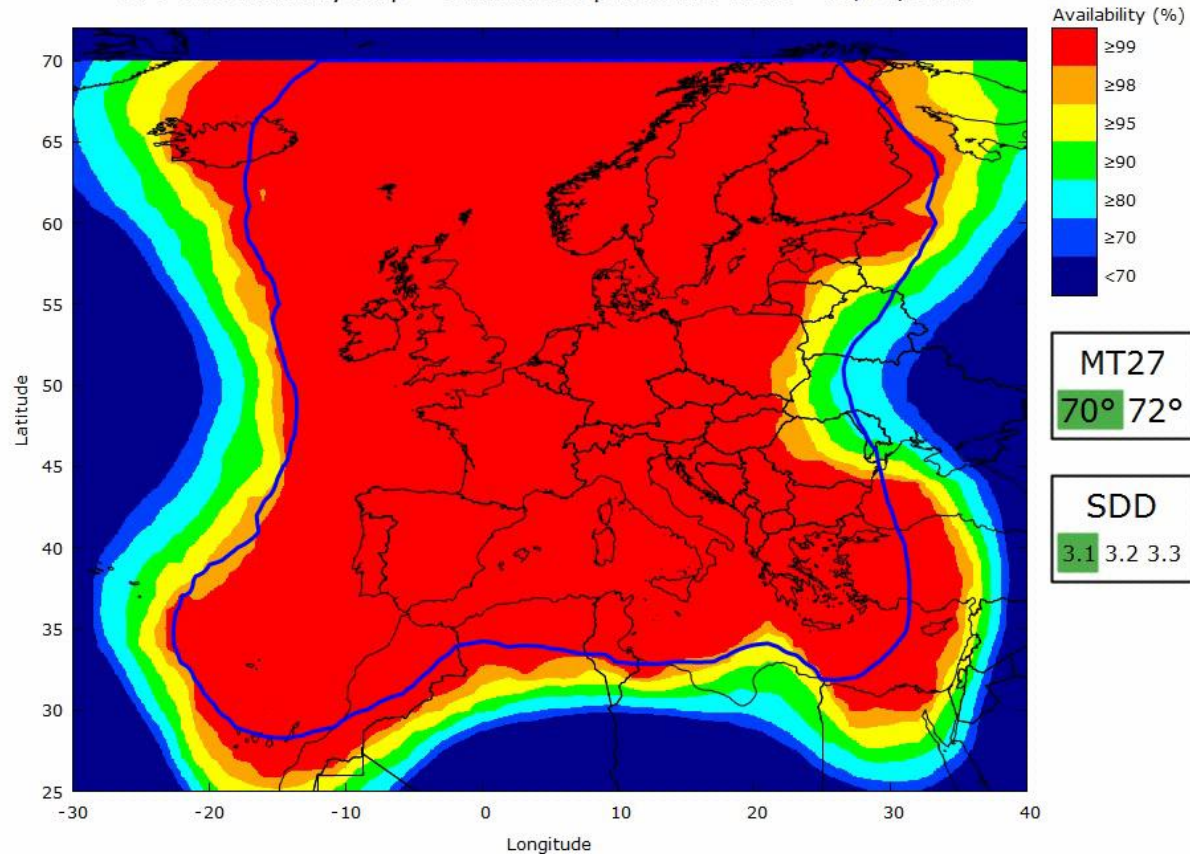


EGNOS performance
keeps nominal with
availability above 99%

EGNOS SoL: APV-I Availability

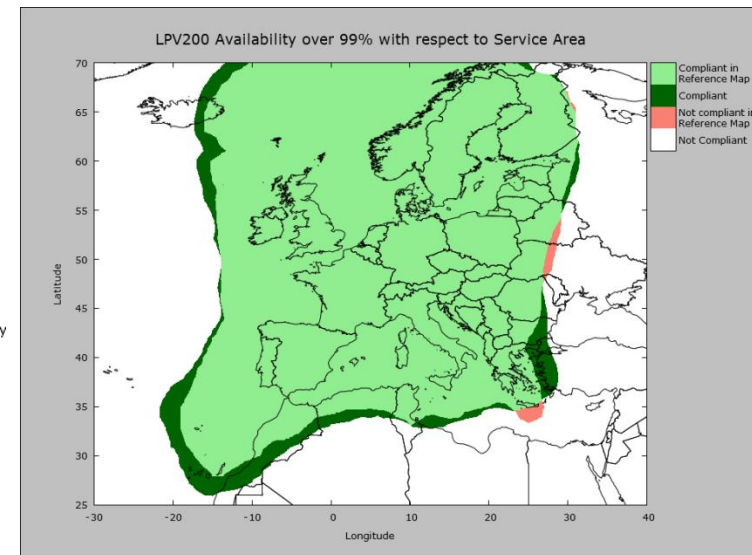
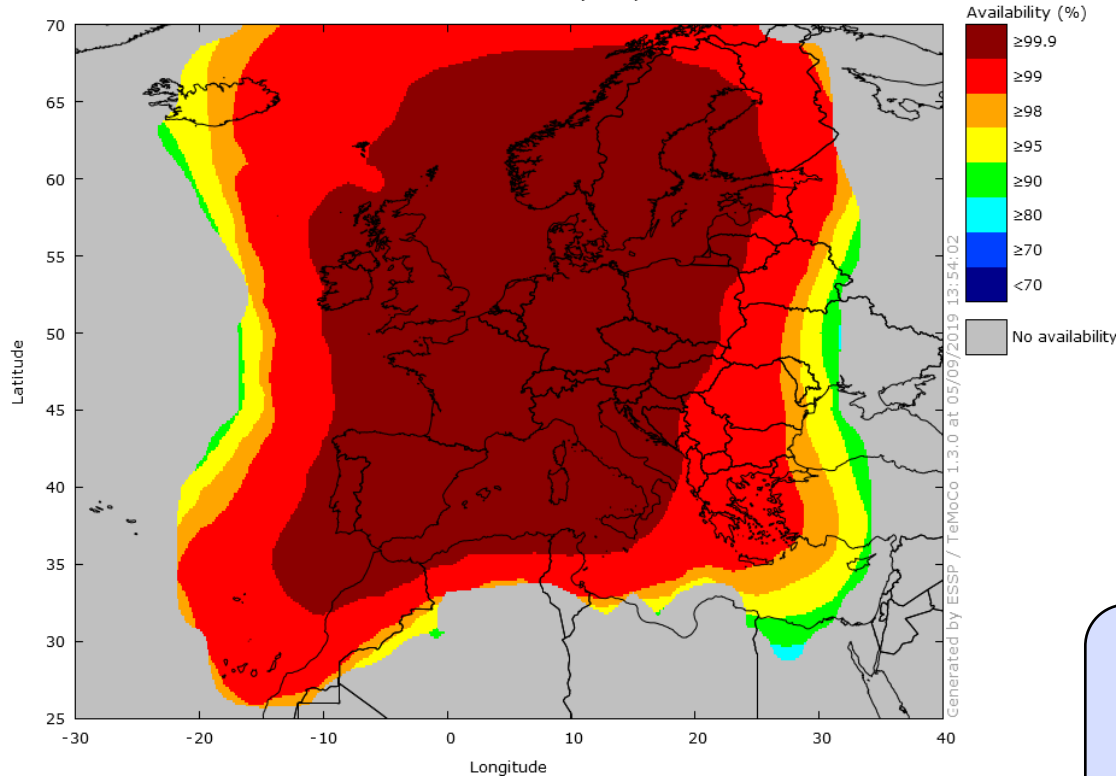
Daily maps video

APV-I Availability Map - Combined Operational PRNs - 01/04/2018



EGNOS SoL: LPV200 Availability

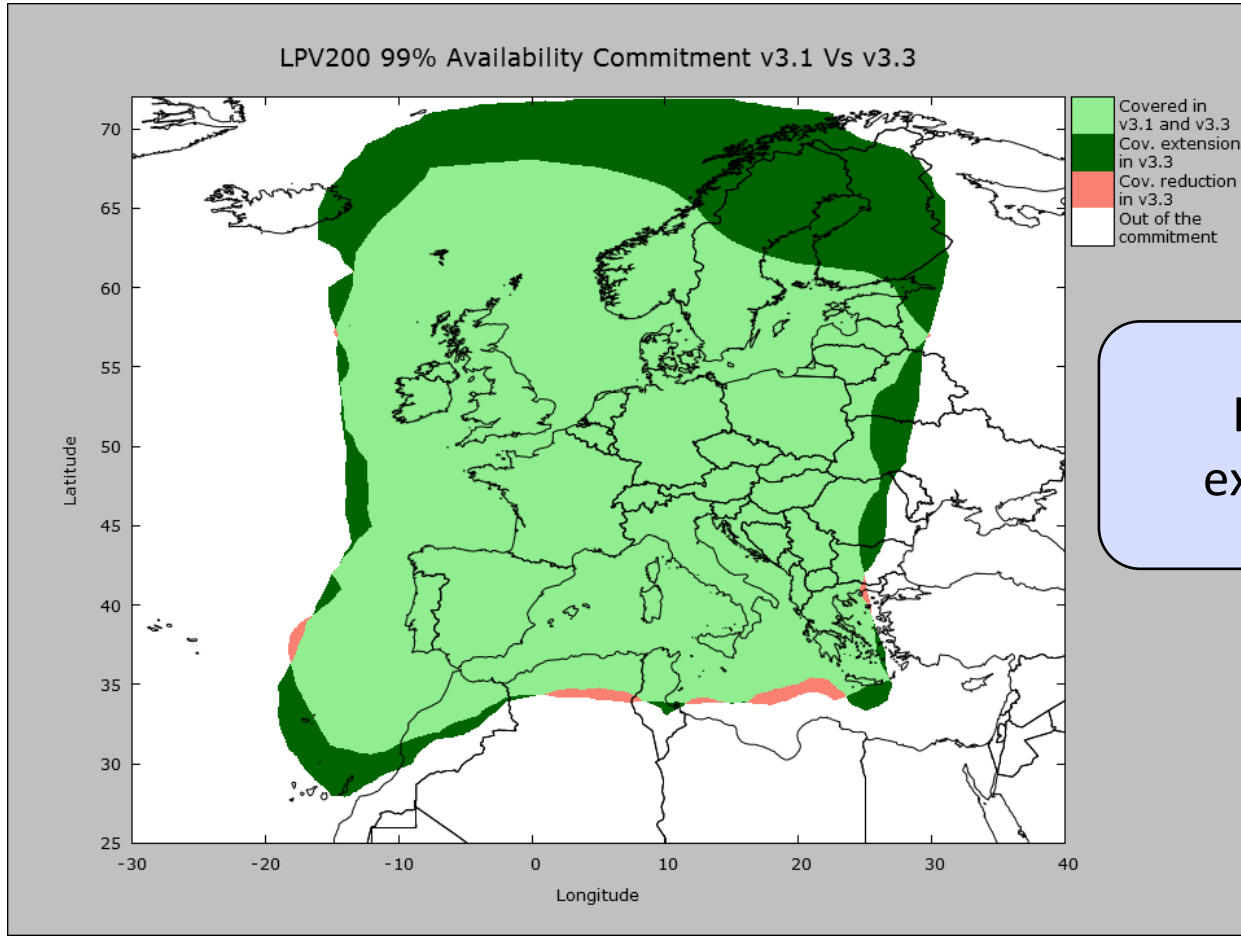
SIS Op - 01/04/2018 00:00:00 to 31/07/2019 23:59:59
LPV200 Availability Map



Compliance except in the
East and South-East

LPV200 Coverage Extension

01/Apr/2019



Important coverage extension in the North

EGNOS SoL: LPV200 Availability at airports with published procedures



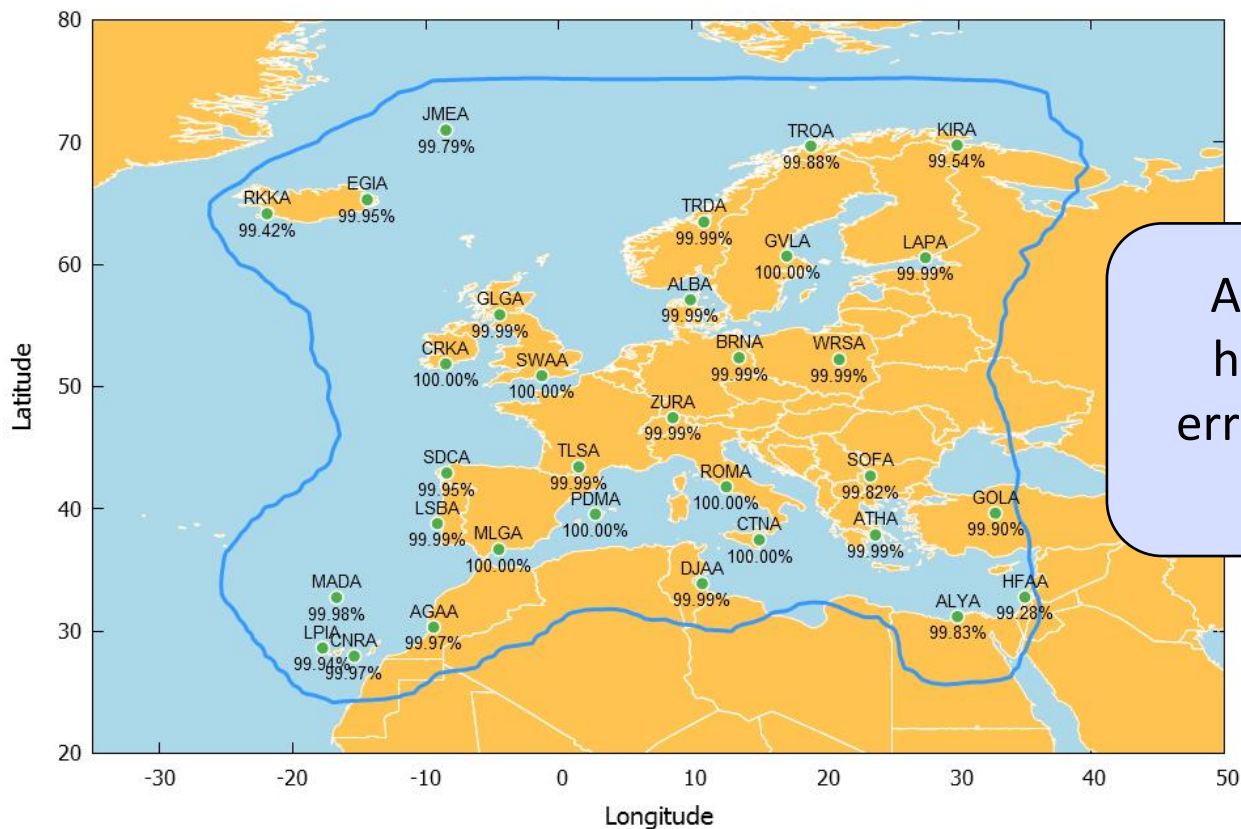
Compliance at all airports
(from 01/Apr/2018 to 31/Jul/2019)

EGNOS Services Status

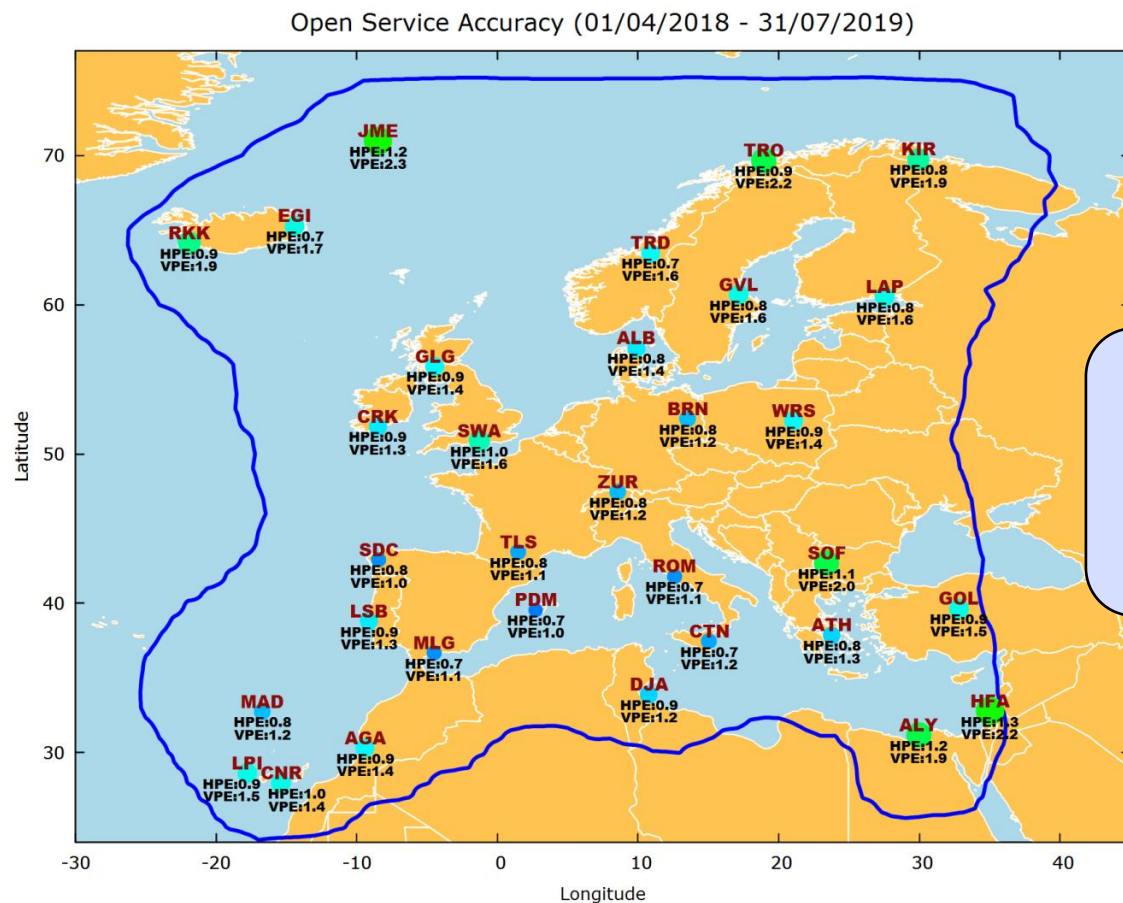
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EGNOS Open Service: Availability

EGNOS Open Service Availability
01.04.2018 - 31.07.2019



EGNOS Open Service: Accuracy

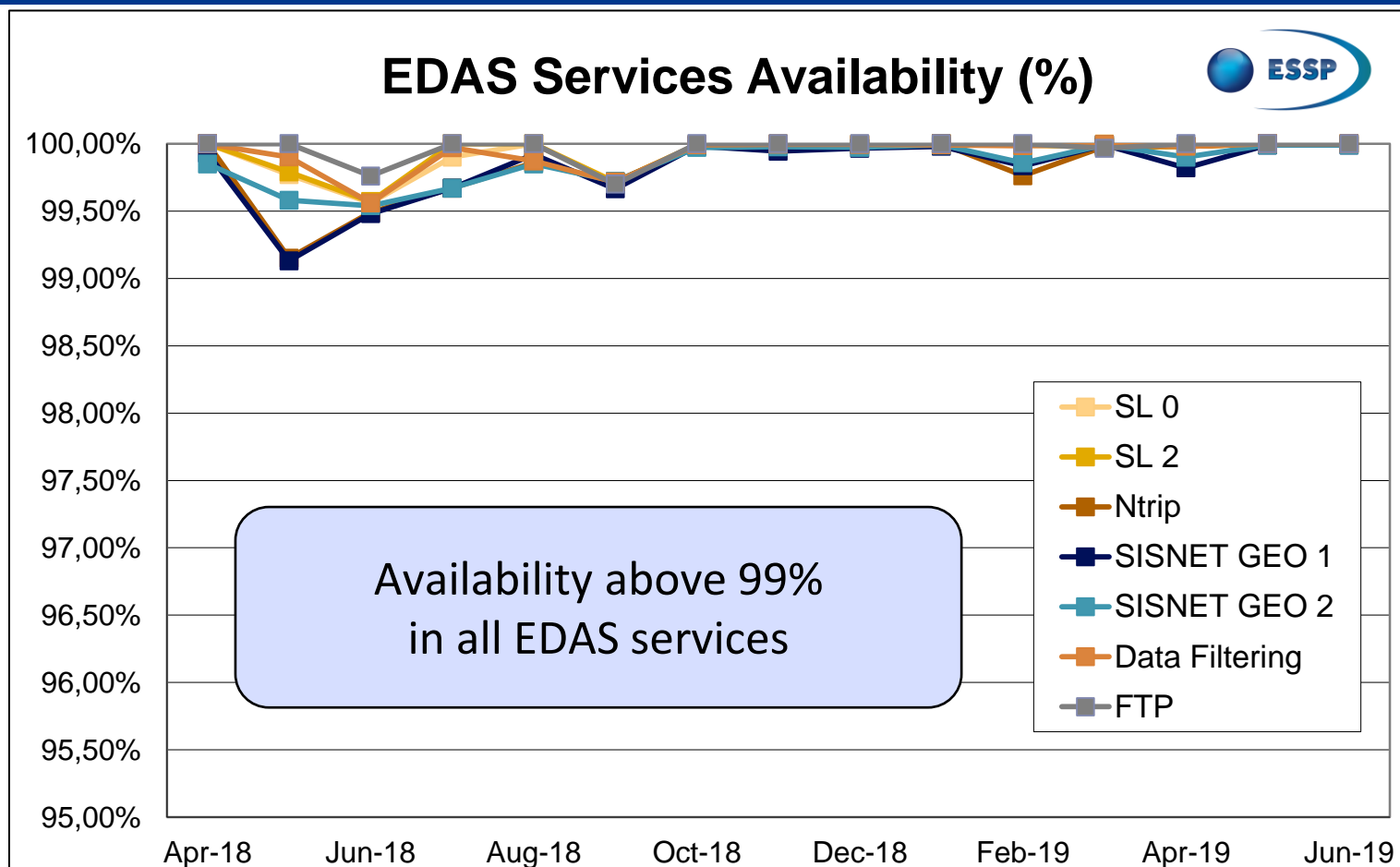


Excellent accuracy, usually
less than 1 m horizontally
and 1.5 m vertically

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EDAS Service



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The questionnaire has
been filled by



140 ¹⁷⁷
In 2017
respondents

25 ⁴¹
In 2017
Non-EGNOS Users

115 ¹³⁶
In 2017
EGNOS Users

8.3 ▲

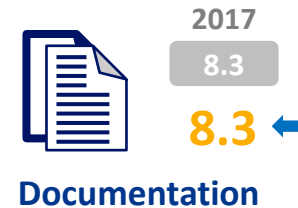
**Global
Satisfaction
Score**

8.1 - 2017

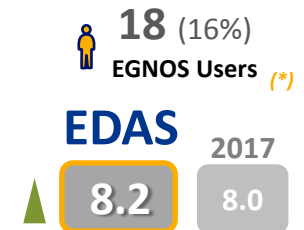
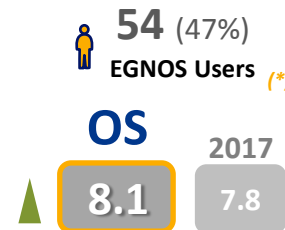
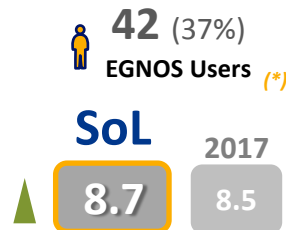


All scores are graded out of 10
points and are based on **115**
EGNOS Users' answers.

EGNOS SUPPORT



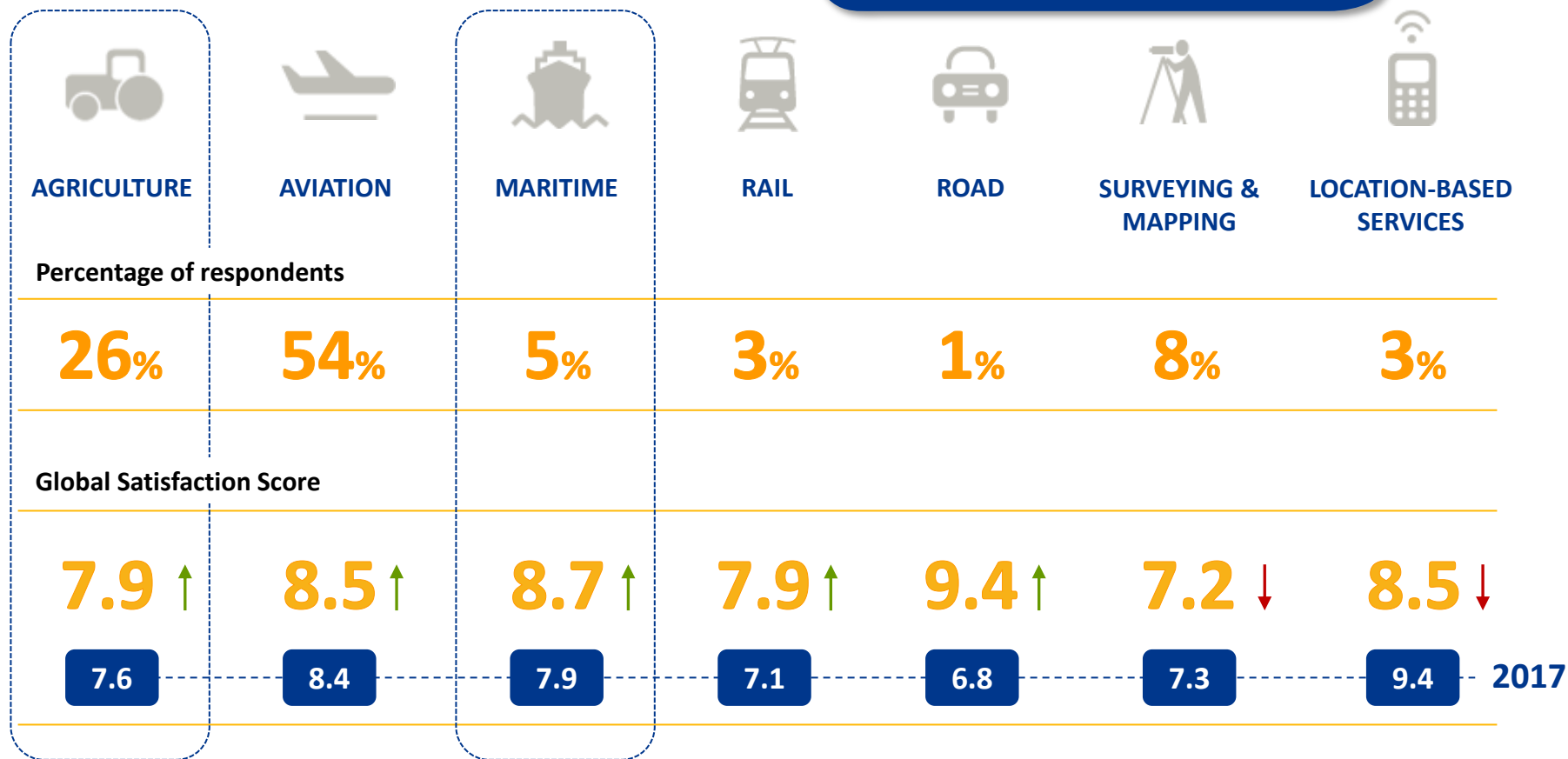
EGNOS SERVICES



(*) Each respondent can use more than one service.

Market Segments

USER SATISFACTION SURVEY 2018



Some planned activities derived from your feedback we are already working on...

EGNOS USER SUPPORT WEBSITE

- ❖ Implement a search functionality.
- ❖ Improve the website navigation, particularly the left side menu.
- ❖ Provide further description on those performance figures relevant to Agriculture and Open Service users.
- ❖ Add an information note in the website for agriculture users describing the main principles and limitations of EGNOS/GNSS.
- ❖ Increase the visibility of planned outages and their expected duration.
- ❖ Include historical EGNOS ionospheric activity information.



EGNOS DOCUMENTATION

- ❖ Analyse how to improve the EGNOS documentation for a non-technical audience.

Conclusions

- SoL Performances observed every month are very good with the exception of slight degradations observed in the East and South-East borders.
- With respect to daily values, SoL commitment maps are well covered except some days. The main causes of those degradations are:
 - Ionosphere monitoring problems degrading the North area.
 - Punctual loss of monitoring of GPS SV's or Ionosphere Grid Points.
 - Data quality issues at some RIMS stations degrading the South-East.
- OS and EDAS performances are beyond commitment.
- There is an uptrend in the EGNOS User Satisfaction.



Thank you!



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Corporate Video