



# Market status and adoption plan

[virginia.anton@essp-sas.eu](mailto:virginia.anton@essp-sas.eu)



# EGNOS adoption status

Over 550 Operational aircraft in EU  
More than 140 operators  
More than 780 EGNOS-based procedures



Nearly 200.000 freight assets are foreseen to be retrofitted by 2022 with EGNOS and GALILEO receivers

Retransmission of SBAS corrections through IALA beacons  
EGNOS enabled PPU's  
93% SOLAS  
89% non-SOLAS



More than 90% of new GNSS devices in surveying and mapping are EGNOS enabled



Around 85% of tractors in Europe using GNSS are equipped with EGNOS for precision farming



# Aviation

## Online tools



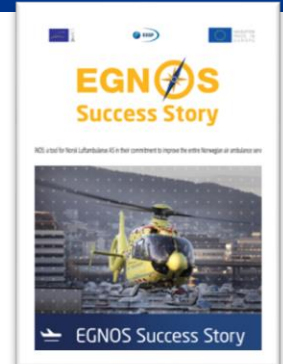
### LPV MAP

Where to fly an EGNOS-based Instrument Approach Procedure?



### EBCAST

An EGNOS Business Case Assessment Tool for airports and airlines



Customised traffic assessments & CBAs  
under request

Guidance material



# Maritime



Architecture analysis and CBA for IALA/AIS stations recapitalization using EGNOS

IEC Standardisation for SBAS L1 Maritime receivers

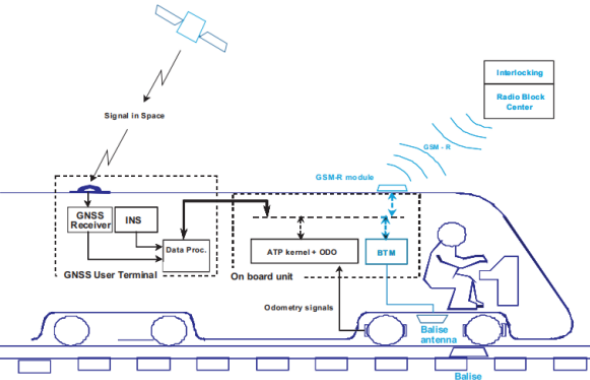
Test campaigns (dynamic performances)



Monitoring of EGNOS compatibility in maritime receivers and success stories



# Rail



- Contribution to Change Request CR1368 to ensure availability of EGNOS correction data in ETCS on-board through the EURORADIO

- Monitoring of the evolution of telematic devices installed on board freight wagons
- Support in configuration
- EGNOS benefits awareness
- Looking for new potential areas and applications: passenger trains



# Agriculture and Geomatics



CBA tool (EASE) for farmers



EGNOS demonstrator for agriculture

EGNOS provides affordable solutions for precision farming over Europe

Performance analysis

EGNOS visibility maps



Dynamic EGNOS data campaign and analysis in real conditions





**Thanks for your attention!**



**Now it is  
your turn**