

Filling the gaps and emerging E-GNSS receivers technologies



Project



GAMMS
ROBOTS MAPPING FOR ROBOTS

by:



- **Objective:** develop an Autonomous Terrestrial Mobile Mapping System, based on the tight integration of autonomous vehicle, navigation/geodetic, and artificial intelligence technologies, for cm-level accurate and certifiable mapping to serve the needs of High-Definition maps for autonomous vehicles.
- **Galileo E1+E6+E5 AltBOC triple-frequency receiver** capable of processing E6 HAS data and making use of OSNMA to ensure a high accuracy and robust navigation solution.
- GNSS receiver integrated with trajectory determination software combining GNSS with CSAC clock, IMU and odometer measurements.

Project end date:

31/12/2023

Galileo differentiators:

Galileo HAS

Galileo OSNMA

Multi-frequency (E1 + E6 + E5 AltBOC)

ON-
GOING

