



# SHAPING THE FUTURE OF NAVIGATION

Beyond the limits

## ESA COMMERCIALISATION GATEWAY

SPACE FOR BUSINESS BUSINESS FOR SPACE

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→ THE EUROPEAN SPACE AGENCY

SYNTONY GNSS: An ecosystem based on innovation and complementary activities





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### Subwave®: Stockholm Metro, effective deployment since 2017



A Plug & Play solution for the transportation industry: Rail and Road

#### SubWAVE® in brief is :

Underground extension of GPS/GALILEO coverage with 100% compatibility with existing receivers

- Precision location
- No competing solution to date
- Full compatibility with existing receivers and infrastructure
- Robust system, operating 24 hours a day for many years
- Strong intellectual property protection (2 patents acquired or in progress, several others in preparation)
- Large markets that can be addressed immediately



A disruptive technology benefiting from a favorable regulatory environment

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- Road: Member of 5G Automotive Association: contribution to the 3GPP standard for location of autonomous cars inside tunnels
- Rail: Alliance with multiple rail actors for certified rail receiver & SubWAVE (EUSPA and ADEME funded projects)
- Mobility trackers: EUSPA-funded low energy tracker (Apollo project): longest life of the market

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### Strong synergies between activities at SYNTONY





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