

Linking space to user needs

Galileo Services for Seagriculture

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Galileo services for sustainability

Galileo supports ecological and efficient farming at sea.

Galileo High Accuracy Service (HAS) enables free centimeter-level precision, allowing eco-friendly **site location and management**, reducing habitat damage, and optimizing yield efficiency.



Use cases: Positioning for moorings, buoy arrays, farm zoning.

Precision matters in offshore farming

The need for accuracy will arise in the future as market scale increases and operations move further offshore.

As seaweed operations scale and move to deeper waters, reliable GNSS is no longer optional. Galileo High Accuracy Service (HAS) provides **accurate positioning** for inspections, even in harsh conditions.



Use cases: Offshore structures, spatial management, remote site inspections.

Secure signals protect your farm's future.

Resilience against spoofing and jamming incidents.

Galileo Open Service Navigation Message Authentication (OSNMA) ensures you're working with authentic, **trusted signals**. A critical feature as digital tools for traceability and remote monitoring become standard in aquaculture.



Use cases: Marine sensors, autonomous systems.

Galileo is Europe's positioning system. Free and ready for you.

**Galileo provides
global navigation and
interoperability with
other GNSS services
as GPS**

Galileo is the **European Union** civil-funded, navigation satellite system. Galileo is **freely available** and already supporting maritime innovation: from fishing to algae farming.



Potential synergies: EU branding, Copernicus/Galileo synergies, alignment with funding.

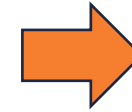
Galileo Services

- **Open Service (OS)** for freely accessible **Positioning, Navigation and Timing (PNT)**.

New upcoming service 2025

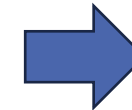
- **OSNMA, Open Service Navigation Message Authentication Service:**

*“Navigation Message Authentication” is the ability of the system to guarantee to the users that they are utilising **navigation data that has not been modified** and **comes from the Galileo satellites** and not from any other source.”*



Open Service (OS)
OS-Navigation Message
Authentication (OS-NMA)

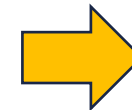
- **Freely accessible Global High Accuracy positioning Service (HAS).**



**High Accuracy
Service (HAS)**



- **Assists locating** people in distress with **Search and Rescue Service (SAR)** and confirms that help is on the way with **Return Link Service**.



**Search and Rescue
Service (SAR)**

Easy access to Galileo Services. Galileo Equipment



Galileo Services
are free and
ready to improve
your activities.

Using Galileo HAS does not require a massive investment. Many GNSS devices **already support it**, and the integration process can be straightforward and inexpensive.

[Visit UseGalileo.eu](http://UseGalileo.eu)

[Check Galileo HAS and OSNMA equipment](#)

SAMSUNG



SONY



MEDIATEK



THALES



Your smartphone is not alone,
discover the other devices that are Galileo-enabled.



How?: Free advice, device list available.

Check the EUSPA Market Report. Let's talk!



We offer free advice and visibility to your projects.

EUSPA and the GSC (European GNSS Service Centre) can help you to implement Galileo services by assessing your requirements as a user. We look forward to publishing your success stories!

EDITOR'S SPECIAL
Resilient societies

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Thank you

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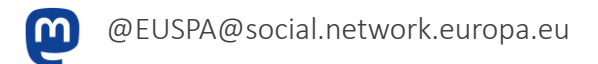
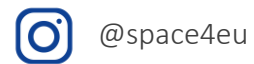
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