



GALILEO EGN 63

NAVIGATION MADE IN EUROPE





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EGNSS and Copernicus are at the core on many Precision Farming



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FARMING BY PRIZE

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EGNSS/EO Fast Facts in Agriculture



- Variable Rate Technology (VRT): Apply inputs at a precise location
 - Efficiency raises by 10-15%, reducing the application without impact on crop yield.
 - Site-specific management of nitrogen fertilizer ranges between 10€/ha and 25€/ha.
- Precision Livestock farming (PLF): Automatic monitoring
 - Higher yield and longer life can **reduce** agricultural methane emissions by **30%**.
- Controlled Traffic Farming (CTF): Lower energy for cultivation.
 - On average, a **50% saving in fuel** per tone of crop harvested is likely.
- Precision Irrigation: save water, improving yields and fruit quality
 - Deficit irrigation strategies enable 25% water savings (savings greater than 45€/ha).

EGNSS4CAP: EGNOS and Galileo in the farmers' smartphones



EGNSS4CAP

Enabling the digitalisation of agri-government controls through Galileo & EGNOS





Open Source Android and iOS application using GNSS measurements and **EGNSS differentiators (Dual-frequency, High Accuracy and Authentication)**

- Improved accuracy and filtered precision.
- Increasing robustness against data manipulation (position and time)
- To be integrated and customised for end-user solutions
- Generating input for the Integrated Administrative Control System (IACS) of the Common Agricultural Policy (CAP)

Linking space to user needs



How to get in touch:







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