

HASHTAG: Trusted digital farming data for policy implementation

Enabling reliable agricultural data for effective policies, better support for farmers, and transparent digital governance.

Key Messages

1. HASHTAG enables trusted, traceable, and verifiable agricultural data using European **space and digital assets**.
2. This supports effective implementation of agricultural, sustainability, and digital policies at EU and national level, helping ensure that policies deliver real benefits for farmers and society.
3. **Digital farming data is widely available**, but often not reliable enough for policy use.

What is HASHTAG?

HASHTAG addresses a key policy challenge: while agriculture is increasingly digitalised, the data generated by farming operations is often fragmented and difficult to verify.

By combining European space services with data governance and certification approaches, HASHTAG enables agricultural data that can be trusted and used as evidence for policy implementation, monitoring, and decision-making.

Applications



Trusted machine data flows

Trace and verify field operations through reliable task and as-applied data.



Authenticated high-accuracy navigation

Enable farm automation through verified, spoof-resistant positioning and geofencing, allowing autonomous machines to operate safely and independently in the field.



Certified Earth Observation processing

Ensure transparent and verifiable use of satellite data for agricultural monitoring and assessment.

Policy relevance

Common Agricultural Policy (CAP)

Relevant for: eco-schemes, monitoring, verification

Why it matters: Trusted operational data supports fair and efficient implementation of agricultural support measures.

EU Space Programme (Galileo & Copernicus)

Relevant for: uptake of EU space services in agriculture

Why it matters: Reliable positioning and satellite data strengthen precision farming and public-sector monitoring.

EU Data Strategy / Agricultural Data Space

Relevant for: data sharing, interoperability, governance

Why it matters: Verifiable data flows enable trusted data exchange across farmers, authorities, and value-chain actors.

Trustworthy digital and AI-enabled systems

Relevant for: automated decision tools, accountability

Why it matters: High-quality, verifiable input data is essential for responsible digital and AI-based systems.

Sustainability reporting and value-chain transparency

Relevant for: environmental reporting, supply-chain requirements

Why it matters: Traceable farm data supports credible sustainability assessment and reporting.



Conclusion

As agriculture becomes increasingly data-driven, trust in digital information is essential for effective governance. HASHTAG demonstrates how trusted agricultural data can bridge the gap between on-farm digital practices, farmers' needs, and policy objectives.



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