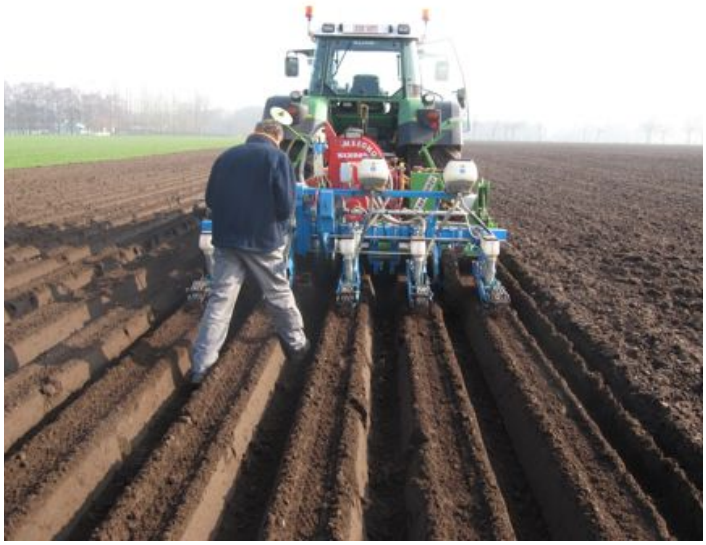
UNIFARM

GNSS User Forum in agriculture



GNSS based applications

	Position	**Position, Time**	**Position, Time and Navigation**
Production Efficiency	Mapping; Variable Rate Application; Field work optimisation; sampling;	Harvest monitoring; animal tracking;	Machine Guidance; Robotics; UASs
Farm Management	Mapping; Crop Rotation; Daily Planning; contracting.	Farm machine movement; Registration of field work; animal tracking; virtual fencing;	
Logistics	Unique parcel ID;	Track&Trace (produce, livestock, manure, etc.)	Harvest pick-up; Transport.
License to Operate	Mapping; CAP declaration; Area Measurement; Control; Eco Focus	Livestock Welfare in Transport; Spraying logbook;	

GNSS User Forum

Presenting the needs of agriculture

Agriculture is a growing user community for satellite navigation. With satellite navigation, the agricultural sector can meet increased productivity targets while maintaining (improving) sustainability. The objectives of UNIFARM are to:

- Create a European network of GNSS based innovation initiatives, involving farmers, government, industry, science;
- Develop tools (best practices, roadmaps, harmonised user cases, user requirements etc.) to improve awareness among farmers (beyond the 'early adopters') about how GNSS technology can contribute to their business;
- Provide feedback to policy makers (both in SPACE and AGRI) at the national and European level on the state-of-play concerning GNSS based innovations in agriculture through a technology white paper and roadmap.

Agriculture is a lead market for GNSS. It has many challenging applications that can improve production efficiency. It therefore contributes to the challenge agriculture has for the next decades: feeding the world under changing conditions in a sustainable way.

The needs of agriculture towards GNSS combine the GNSS segment and the applications. In order to contribute to agriculture GNSS must be helpful to/Improve (farm) operations, show a positive business case and be reliable, accurate and transparant.

UNIFARM is carried out in the context of the Galileo FP7 R&D programme supervised by the GSA. (nr. 287026). For more information please check http://www.project-unifarm.eu