

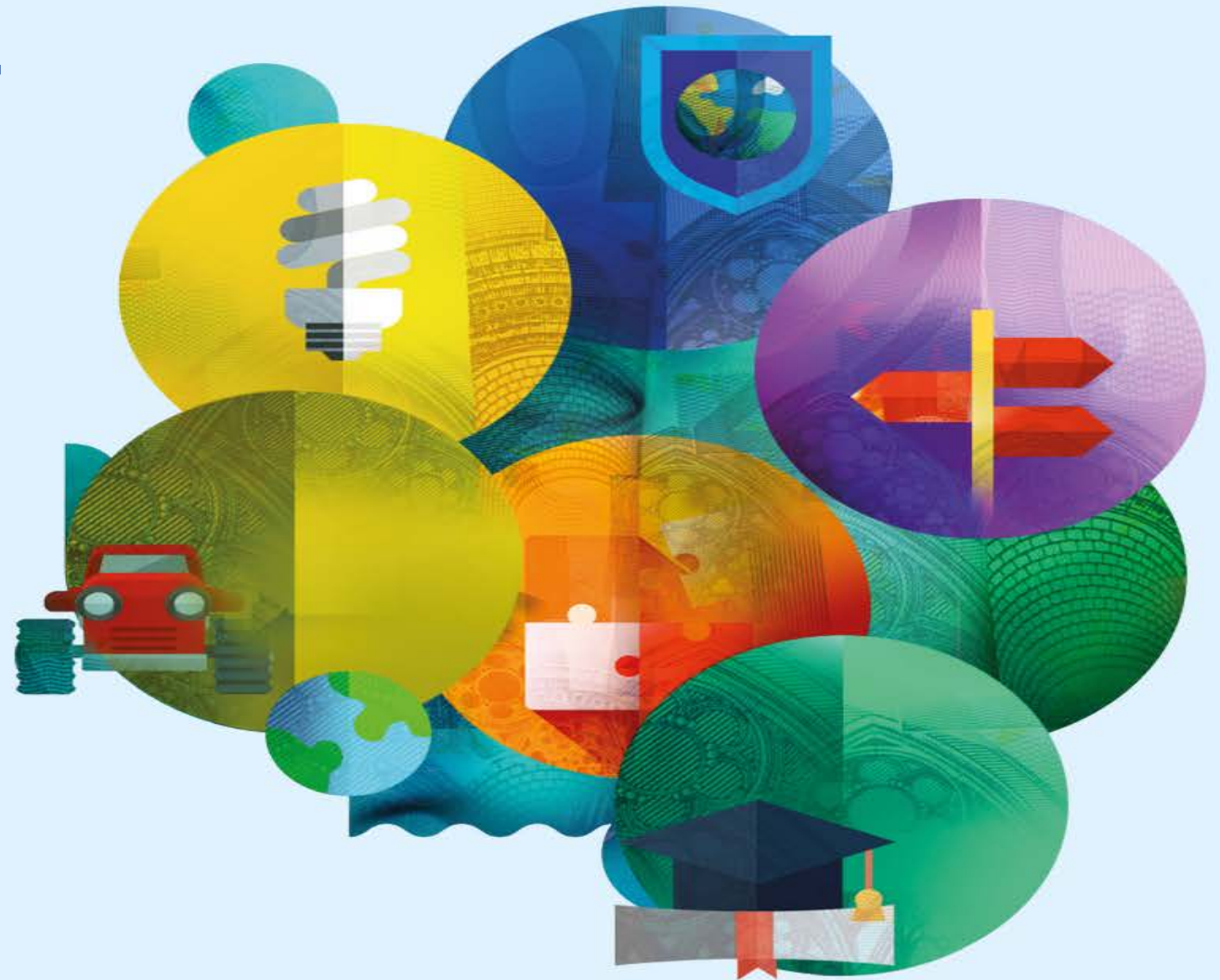
COMMON AGRICULTURAL POLICY

post-2020

The Farm Sustainability Tool for Nutrients - FaST

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#FutureofCAP



WHAT? – Recital 22 COM(2018) 392

*As part of **GAEC** framework, in order to support both the agronomic and the environmental performance of farms, nutrient management plans will be established with the help of a dedicated electronic Farm Sustainability Tool made available by the Member States to individual farmers. The tool should provide **on-farm decision support starting from minimum nutrient management functionalities**. A wide interoperability and modularity should also ensure the possibility to add other electronic on-farm and e-governance applications. In order to ensure a level playing field between farmers and across the Union, the Commission may provide support to the Member States in the design of the Tool as well as with the data storage and processing services required.*

WHAT? – Art.12 (3) COM(2018) 392

*Member States shall establish a system for providing the **Farm Sustainability Tool for Nutrients referred to in Annex III**, with the minimum content and functionalities defined therein, to beneficiaries, who shall use the Tool.*

WHAT? – Annex III COM(2018) 392

GAEC 5: Use of Farm Sustainability Tool for Nutrients (FaST)

The Tool shall provide at least for the following elements and functionalities:

a) Elements

- *Relevant farm information based on LPIS and IACS;*
- *Information from the soil sampling , on an appropriate spatial and temporal scale;*
- *Information on relevant management practices, crop history, and yield goals;*
- *Indications regarding legal limits and requirements relevant to farm nutrients management;*
- *A complete nutrient budget.*

b) Functionalities

- *Automatic integration of data from various sources (LPIS and IACS, farmer-generated data, soil analyses etc.) as far as possible, to avoid data input duplication for farmers;*
- *Two-way communication between PA/MAs and farmers allowed;*
- *Modularity and possibility to support further sustainability objectives (e.g. emissions management, water management)*
- *Respect of EU data inter-operability, openness and re-use principles;*
- *Guarantees for data security and privacy in line with best current standards.*



European
Commission

GAEC 5 - Use of Farm Sustainability Tool for Nutrients (FaST)

Objectives:

- **optimise the use of nutrients in all EU farms**, with immediate benefits in terms of farmer's income, soil and water quality, and emissions;
- **Simplification**;
- boosting the **digitalisation** of the sector and of the CAP.

Change in approach:

The farmer's GAEC obligation in the proposal is limited to "**use**" = **activation and data entry**. Farmers should **not be subject to control/inspections on the data inputted and actual follow-up of instructions** provided by the FaST. Farmers would use the FaST convinced about its real value added provided (agronomic, simplifications of administrative tasks).

GAEC 5 - Use of Farm Sustainability Tool for Nutrients

Why:

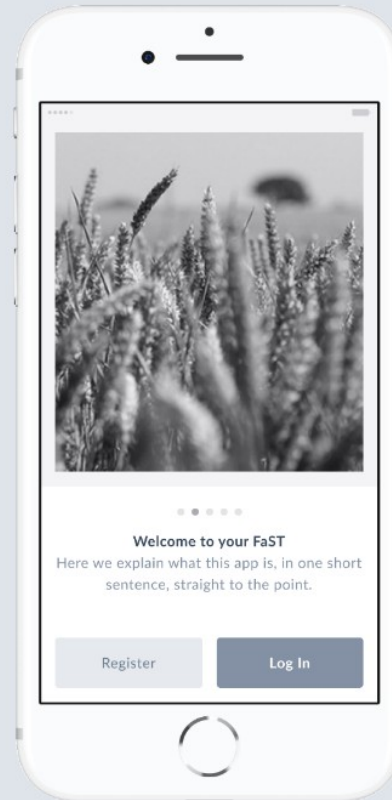
- EU-wide positive environmental impact on diffuse pollution from agricultural nutrients;
- **Higher environmental and climate benefits while optimising farm income.**
- Through incentives and **behavioural changes that make sense also from an economic point of view**
- **Win-win solution** beyond compliance model (agronomic and simplification gains for farmers, environmental gains due to scale);
- **Simplification** of farmers' tasks (clear instruction, inclusion of all nutrient-related legal obligations in one tool, no data entry duplication and minimum manual data input;
- Catalyst for on-farm innovation and digitalization;
- Optimising data use and re-use (for policy making, designing environmental measures etc.

GAEC 5 - Use of Farm Sustainability Tool for Nutrients (3)

What:

- A mobile application showing the LPIS farm boundaries and parcels, together with other existing information on the farm, satellite imagery, in user-friendly customizable layers.
- Able to **integrate further modules/apps/widgets**, driving localisation and diversification of services to farmers (advisory services, commercial services etc).
- Its **modular and minimalistic structure** will not replace existing commercial providers, but provide a platform for smaller, possibly more innovative service providers, for researchers or farm advisors, for whom the FaST open source 'core module' will act as on-farm entry support.
- Potential to **develop into the 'on-farm, digital and mobile terminal' for most interaction between the farmer and the MA/PAs** (to support payment applications, adhesion to and implementation of various contracted commitments, information exchange/notifications etc.).

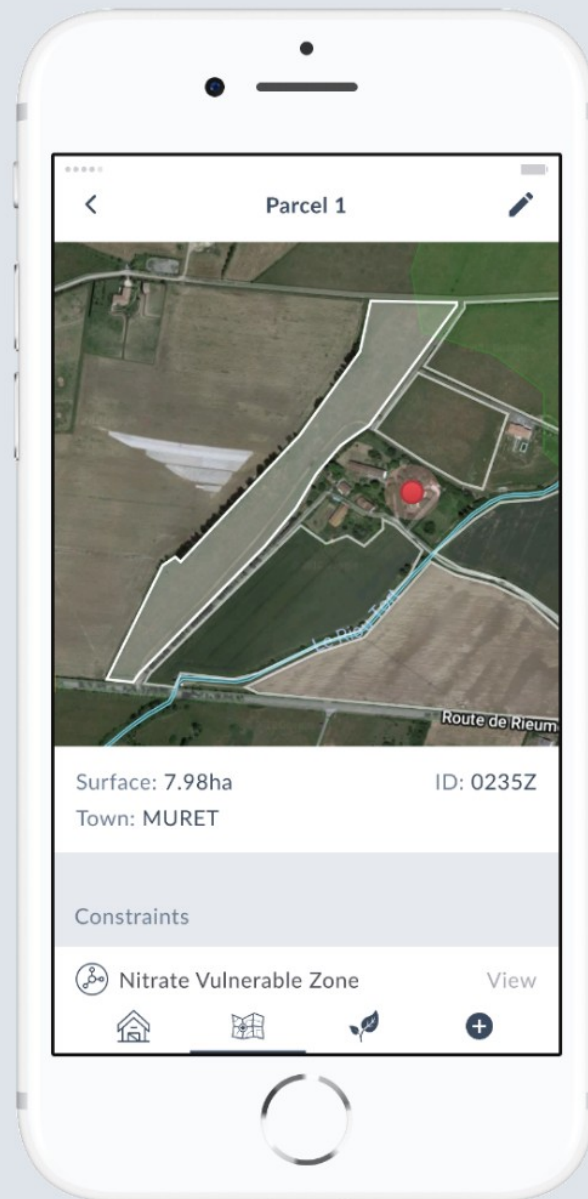
The interactive online FaST demonstrator



Data entry by farmer and data input duplication reduced to minimum

Automatic data integration:
IACS, LPIS,
but also other
databases and public records

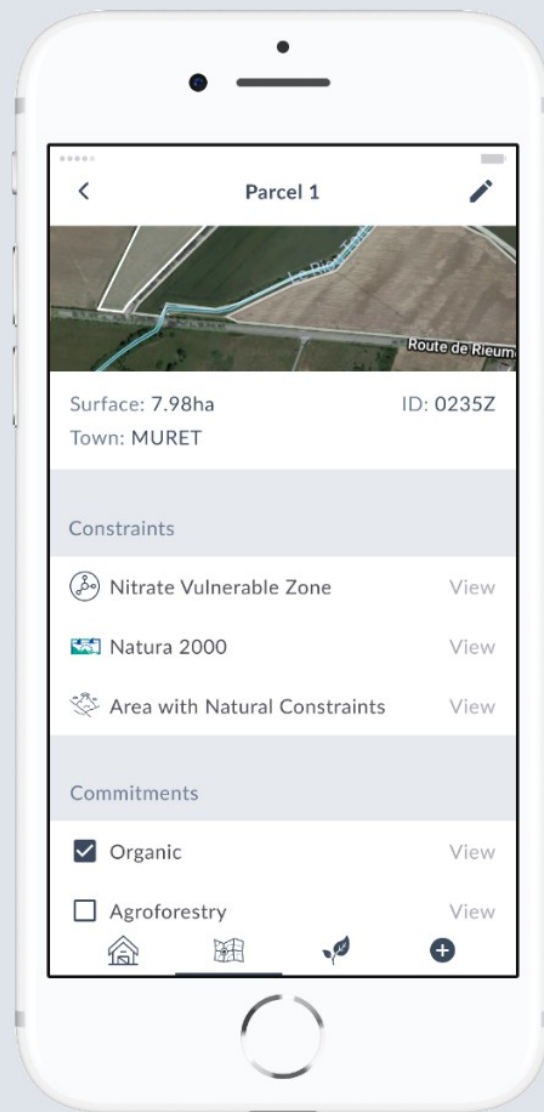




Simplification and clarification of farmer's tasks through **incorporation of relevant legal limits and obligations (NVZs etc.).**



Two-way communication between farmer and DA /



<https://rebrand.ly/fast-demonstrator>

THANK YOU!

Further information is available at:

- https://ec.europa.eu/commission/publications/factsheets-long-term-budget-proposals_en
- http://ec.europa.eu/budget/mff/index_en.cfm
- https://ec.europa.eu/info/food-farming-fisheries/key-policies/common-agricultural-policy/future-common-agricultural-policy_en