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# S3-MANAGER CONSULTATION

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Meeting minutes 2021-02-04

Version 1

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Participants	Moreno Da Ros (S3 Manager veneto region) Enrico Segantin (Project Manager, t2i)
Date of meeting	February 4, 2021
Location	meeting realized through the Google Meet platform

17:00

- Description of TransFarm project
- Explanation, why S3 Managers are involved

- What are regional / national authorities doing to support the regional industry operating in Precision Farming?

The Veneto Region has included precision agriculture within the development trajectory of "SMART AGRIFOOD DEVELOPMENT TRAJECTORIES AND SUSTAINABLE AGRI-FOOD TECHNOLOGIES"

#### 1. DEVELOPMENT OF PRECISION AGRICULTURE AND ZOOTECHNY

The trajectory concerns innovation actions for the development of precision agriculture and animal husbandry. In this context, actions related to the assessments of the variable rate in fertilization, irrigation, treatments, hydrogeological risks, etc. can also be considered. using precision sensors, multispectral and hyperspectral analyzes, LiDAR scan. The creation of decision support systems and management of the agricultural and livestock sector by means of complex algorithms (e.g. epidemiological, climatic forecast models, etc., Internet of Things, use of drones, analysis of "Big Data").

#### 2. DEVELOPMENT OF MORE EFFICIENT PRODUCTS AND EQUIPMENT AND ENABLING TECHNOLOGIES FOR PRODUCTION IN ORGANIC AGRICULTURE

This trajectory includes all the interventions and enabling and innovative technologies to support the efficiency and quality of organic agricultural production. This includes innovations aimed at the conservation of the organic substance of the soils and the consequent microbial vitality, the enhancement of plant biodiversity for the defense against parasites, the recovery of ancient and traditional high quality agricultural specialties.

#### 3. INNOVATIONS AND RESOURCES FOR THE OPTIMIZATION OF THE NUTRITIONAL STATE AND THE ECO-SUSTAINABLE PLANT HEALTH DEFENSE OF CROPS

This trajectory includes all the innovations and technologies for optimizing the phytosanitary and nutritional status of crops, while reducing their environmental impact. These include strategies for reducing phytosanitary treatments and the use of less impacting active ingredients; biotechnologies applied to obtaining high quality products, to the genetic improvement of the response to environmental stress and to the defense against plant and animal parasites; the analysis and reproduction of specific ecosystems, functional to local crops; the optimization of ecological and microbial relationships between plant, soil and environment; technologies capable of detecting the presence of pathogens and parasites to reduce the use of plant protection products and increase their effectiveness; the analysis and use of biodiversity in local agricultural production.

#### 4. DEVELOPMENT OF METHODS AND TECHNOLOGIES IN FAVOR OF INTEGRATED SYSTEMS BETWEEN AGRI-FOOD, TOURISM AND ECOLOGY

This trajectory is dedicated to innovative interventions of integration between the various agri-food, tourism and environmental protection activities, aimed at the socio-economic enhancement of the territory. This context also includes innovations that can enhance prestige agricultural-forestry productions to give productive continuity and life to the areas concerned. In support of this trajectory, applications of innovative digital technologies can intervene for the multifunctional enhancement of territorial and cultural heritage, also compatible with international certification systems

Ask for numbers such as

- a. Existing supporting schemes
- b. Number of project financed
- c. Regional competence networks established
- d. M€ granted to innovation projects in PF

ad a) Progetti ERAPRA Ente Regionale per l'Addestramento e per il Perfezionamento Professionale in Agricoltura) finanziati con il PSR Veneto 2014-2020

ad b) The Rural Development Program for Veneto 2014-2020 was approved by European Commission decision n. 3482 of 26 May 2015 and ratified by the Veneto Region with the resolution of the Regional Council no. 947 of 28 July 2015. The 2014-2020 Veneto RDP is the programming tool for regional rural development that contributes, together with the other European Structural and Investment Funds (ESI), to the realization of the priorities of the "Europe 2020" strategy, in framework of the Partnership Agreement between the Italian State and the European Union.

ad c) regional competence networks are divided between the various entities Veneto Agriculture, Coldiretti, Confagricoltura, Avepa, with the aim of involving the largest number of interpreters of the Vitivinicola, Ortofrutticola Olive, Livestock, Dairy, Arable and Industrial Crops and also the Food Districts

ad d) Quantifying projects is difficult because many are still ongoing; a more reliable figure is expected for the next few weeks at the end of the monitoring. In Veneto The Agri Italy Platform guarantee fund is set up with the resources of Measure 4 of the 2014-2020 Veneto RDP and supports the disbursement of a total of 93 million euros. The fund supports investment loans from agricultural and agri-food businesses.

**Vision for the future (programming period 2021-2027)**

The S3 strategy for the future are being finalized in recent months