

INTERNATIONAL SMART SPECIALISATION AGRI-FOOD PARTNERSHIP

High Technology Farming

CONTRIBUTION TO SDGs



PARTNERSHIPS AND COLLABORATION

▶ PARTNERS

The Partnership connects **34** regional and national administrations from **18** countries (15 EU and 3 non-EU countries) with a strong priority related with the innovation and adoption of new technologies in the agricultural sectors: *Tuscany, Galicia, Extremadura, Gelderland, Central Macedonia, Marche, Western Macedonia, Weser-Ems, South Holland, Limburg, North East Romania, Emilia-Romagna, East Sweden, Northern Ireland, Estonia, North Holland, Food Valley/East Netherlands, Pays de la Loire, South Ostrobothnia, Veneto, Noord Brabant, Basilicata, Flanders, Centro, Umbria, Luxemburg, Bretagne, Norway, Friuli Venezia Giulia, Eastern Slovenia, Provincia Autonoma di Trento, Provincia Autonoma di Bolzano, Montenegro, Slavonia.*

▶ STAKEHOLDERS

The Partnership involves industrial companies, ICT-companies, farmers, knowledge institutes with scientific and applied expertise, and public authorities.

▶ WEBPAGE

<https://europa.eu/!uG93UX>

ACTION

PROBLEM ◀

Modernisation of four food value chains: arables, horticulture, protected cultivations and livestock.

INNOVATION ◀

Development of the following technology areas for agriculture: EYES and TOUCH (Meteo sensors, Soil sensors, Canopy sensors, Product sensors; On-board/proximal sensors), MIND (Data acquisition, Data analysis, Layers/images, DSS), INTELLIGENT ARMS (Machineries, Programming/Automation, Robotic), technology oriented SERVICES (Installing, Maintenance, Repairing), and educational oriented SERVICES (Training, Demo farms and sites).

EXAMPLE OF PROJECT: ◀ POULTRY DUST REDUCTION

Is a pilot developed to reduce emissions in livestock keeping.

SUSTAINABILITY ◀

Improving health and welfare of farmers, animals and environment.