

Field -testing and demonstration of digital and space based technologies with agroecological and organic practices in systemic innovation

PestNu is a 3 year project that aims to revolutionise ICT technology and organic farming practices to reduce the dependence on hazardous pesticides and the losses project uses novel Digital and Space-based technologies (DST) along with Agro-ecological and Organic practices (AOP) in systemic innovation under circular

INNOVATIVE TECHNOLOGIES

























GOALS

- · Reduce pesticide and fertiliser use by 50% by 2030
- Deliver full organic farming using precision agriculture tools and agro - ecology methods
- · Improve food yield improvement by 30%
- · Use a multi-actor approach along Farm to Fork with more than 150 members on PestNu Industrial Advisory Board
- Reduction of production costs by at least 30%
- · Deliver healthy, nutritious, safe and affordable food for all
- · Decrease organic food prices by 20%
- Evaluation of pesticide residues and creation of an ecotox catalogue on the basis of the ecotox index
- Communicate with more than 5,000 stakeholders







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