

# Yield Prediction and Estimation from Earth observation (YIPEEO)

## Objectives

[1] Providing inputs for the development of the next generation of “fit for purpose” observation systems for agricultural monitoring

[2] Setting the bases for enhanced cooperation between ESA and EC, **working towards a Common Science Agenda** addressing the grand agriculture-related challenges

[3] A proper Science-Society interface & dialogue resulting in a **transfer of science & technology results into practical solutions for farmers** and other food system actors

[4] Establishing a sound scientific basis for **developing a Digital Twin of crop areas** and agricultural activities

**Goal:** YIPEEO aims to improve field-scale crop yield forecasts through the usage of high-resolution remote sensing data and cutting edge scientific methods

