

EO services contributing to SDGs [Sustainable Agriculture] AgroApps Agriculture and Food Systems toolkit

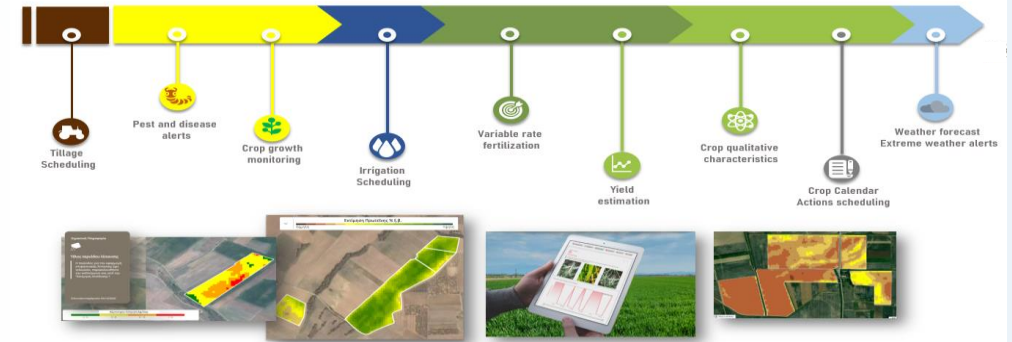


2 ZERO HUNGER

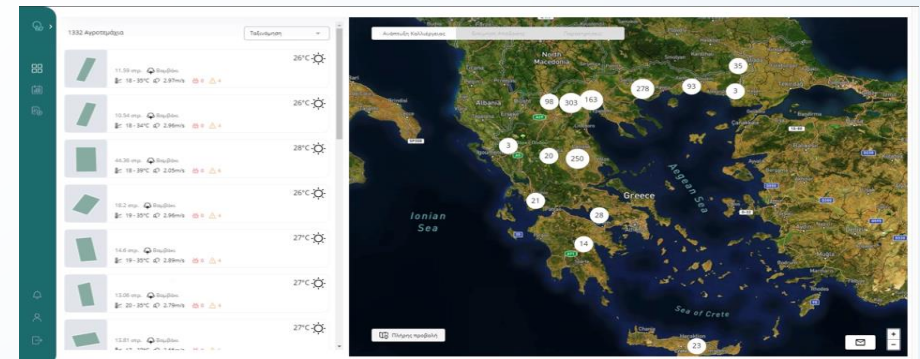


- **Users:** Farmers, Farmers Associations., Agri-consultants, AgriFood Companies, Policy makers, Public sector
- **Challenge/Needs:** To support the implementation of resilient agricultural practices that increase productivity and production, strengthen capacity for adaptation to climate change, progressively improve soil quality and minimize the environmental impact of farming (services focus on Agricultural productivity & env. impact of agriculture).
- **Initiative:** Agricultural production needs to expand faster than population growth to tackle food security while reducing food losses and minimising its environmental impact.
- **Results:** The toolkit comprises a number of microservices such as: i) crop growth monitoring; ii) tillage scheduling; iii) irrigation scheduling; iv) variable rate mid-season N fertilization; v) yield estimation; vi) cereals protein content
- **Service Provider:** AgroApps P.C.

Target 2.4: By 2030, ensure sustainable food production systems and implement resilient agricultural practices that increase productivity and production, that help maintain ecosystems, that strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters and that progressively improve land and soil quality.
Indicator 2.4.1.: Proportion of agricultural area under productive and sustainable agriculture



Services based on the combination of weather and satellite data



Registered and monitored crops throughout the cultivation period

EARSC

European Association
of Remote Sensing
Companies

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