

# EO services contributing to SDGs

## AgroApps Climate Intelligence Engine



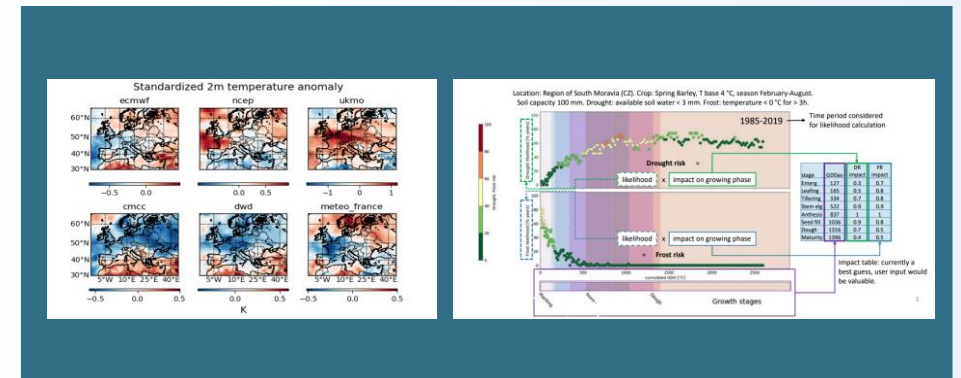
13 CLIMATE ACTION



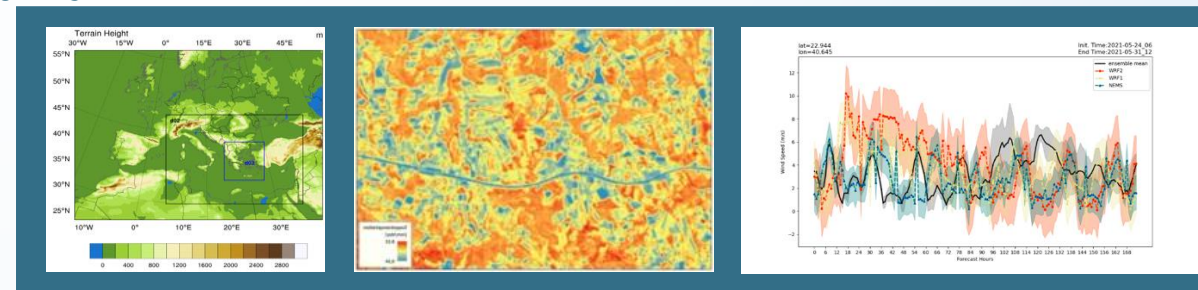
- **User:** Farmers, Farmers Associations., Agri-consultants, AgriFood Companies, Policy makers, Public sector
- **Challenge/Needs:** To make better, data-driven decisions and:
  - support a more effective farm/parcel management and related options for adaptation on climatic changes;
  - guide and assist local and regional policy formulation leading to better landscape management;
  - enable protection against climatic risks and implementation related to mitigation on microclimate changes.
 Services based on Identifying, monitoring and preparing for climate related hazards.
- **Initiative:** Agriculture is perhaps the most weather/climate dependent sector of the economy, and changes in the weather/climatic patterns are strongly affecting it, in terms of the productivity, risk assessment/management, and environmental preservation.
- **Results:** Climate services supporting the climate smart farm management and land-use planning.
- **Service Provider:** AgroApps P.C.

Target 13.1.: strengthen resilience and adaptive capacity to climate related hazards and natural disasters in all countries

Mutli-model seasonal forecasts (left) and historical climate risk analysis.



High resolution deterministic forecasts (2x2km), hyperlocal weather with fusion techniques and multi-model medium range ensembles (from left to right).



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