

- User: National authorities, sectorial agencies
- Challenge/Needs: Mapping of areas with natural or other limitation for agricultural use as a basis for developing agricultural strategies.
- Initiative:
 - Integration of Sentinel-1 and Sentinel-2 time series,
 - Application of pixel based and object based image analysis,
 - Machine Learning classification of agricultural land and different crop types,
 - Detection the status of agricultural land usage,
 - Detection and mapping of terrasses in agricultural use.
- Results: Map of used and unused agricultural land for the territory of Croatia in the scale 1:5000
- Service Provider: Oikon Ltd. – Institute of Applied Ecology

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.

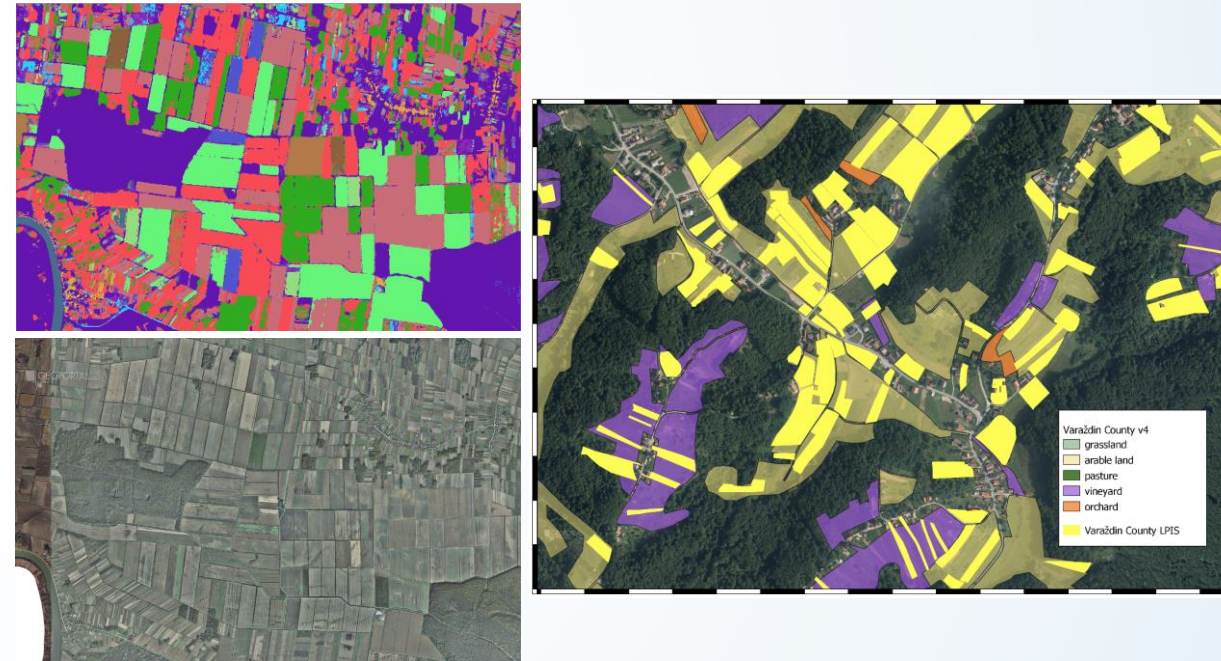


Figure: Classification of agricultural land (left), 1:5000 map of agricultural land in Croatia (right)

