

An aerial satellite view of a rural landscape, showing a winding river through a patchwork of agricultural fields in various shades of green and brown. The image is partially obscured by a dark blue banner on the left side.

Earth Observation services contributing to SDGs

Industry contribution to targets
(examples)

EARSC

European Association
of Remote Sensing
Companies



EO services contributing to SDGs

Rheticus® Aquaculture



- User: Fish & Shellfish farms
- Challenge/Needs: threats caused by climate change and worsening of environmental conditions may cause variations on quantity and quality of nutrients, or on sea temperature eventually affecting productivity, mussels' quality or sanitary conditions.
- Initiative: several mussel farming sites monitored as agreed with Associazione Mediterranea Acquacoltori.
- Results: improving production efficiency, by monitoring seawater quality parameters, and potential risks to livestock, assessing the optimal time for selling products.
- Service Provider: Planetek Italia's Rheticus service

References links

- <https://www.rheticus.eu/rheticus-services/aquaculture/>

Target 2.3.: eo services focus on Management of farming
Target 6.4.: eo services based on Water user efficiency. Indicator 6.4.1: Water user efficiency & 6.4.2: Water stress

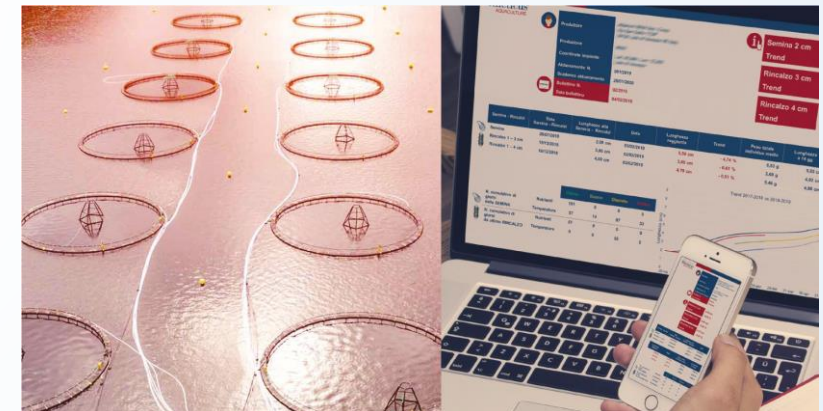


Figure: Rheticus® Aquaculture service delivering daily reports and analytics