Earth Observation services contributing to SDGs

Industry contribution to targets
(examples)

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EO services contributing to SDGs
Rheticus® Wildfires

- User: National Park Authorities
- Challenge/Needs: easily detect burnt area, improve fire severity classification, vegetation regrowth monitoring as well as detection of potentially illegal infrastructure activities within burnt areas.
- Initiative: Internal Development
- Results: Timely analyse and plan recovery activities for parks, forests and remote areas affected by wildfires. By means of maps, geo-analytics, and pre-set reports park managers and authorities will be able to coordinate and manage response teams, while also detecting any illegal man-made activity.
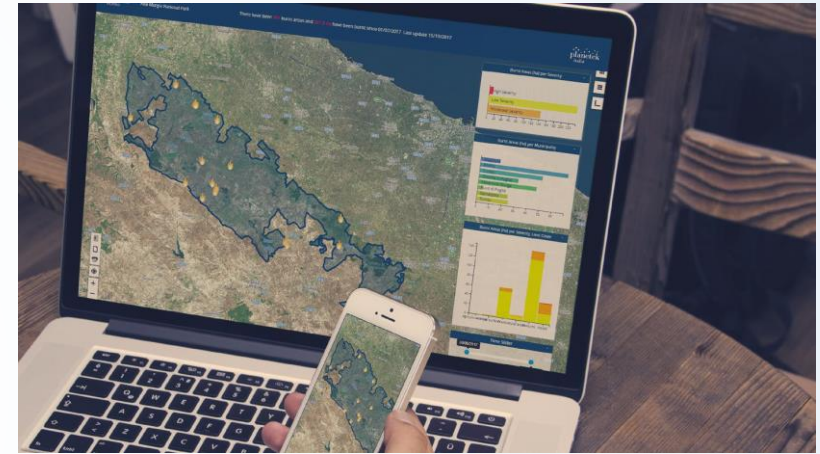- Service Provider: Planetek Italia's Rheticus platform

Figure: Rheticus® Wildfires service geoportal with analytics tools

References links
- https://www.rheticus.eu/rheticus-services/wildfires/
- https://www.rheticus.eu/case-history/wildfires-capture-from-space/

Target 1.5.: eo services focus on: Build resilience of vulnerable populations contributing to management of disaster risk reduction.
Target 15.1.: eo services based on Monitor land use and land cover change on land ecosystems. Indicator 15.1.1: Forest areas
Target 15.2.: eo services based on Progress towards sustainable forest management (biomass, area of change, etc) Indicator 15.2.1: Sustainable forest management
Target 15.4.: eo based on Conservation & sustainable management of mountain ecosystems (protected areas, green cover) Indicator 15.4.2: Mountain green cover

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