

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® Network Alert

planetek
italia



- User: Water and Wastewater Utilities
- Challenge/Needs: improving inspection planning & efficiency of water and sewerage networks, by enabling predictive analysis to prevent structural failures.
- Initiative: Internal Development
- Results: multi-utilities improved stressed pipeline detection and inspection efficiency of about 40%
- Service Provider: Planetek Italia's Rheticus platform

References links

- <https://www.rheticus.eu/rheticus-services/network-alert/>
- [Video of Hera Group use case, winner of the World Smart City Award 2019](#)

Target 6.4.: eo services based on Water user efficiency. Indicator 6.4.1: Water user efficiency & 6.4.2: Water stress
Target 9.1.: eo services based on Inform on infrastructures development & planning.



Figure: Rheticus® Network Alert service geoportals with analytics tools