EO services contributing to SDGs Rheticus® Urban Dynamics

- User: Urban planning departments
- Challenge/Needs: enabling continuous monitoring of land use/ land-cover changes, soil consumption, impervious surfaces assessment, and urban heat islands detection, as well as supporting spatial planning to achieve smart growth.
- Initiative: H2020 Eugenius
- Results: allows to monitor urban changes and their evolutionary trend over time, facilitating planning activities and land management
- Service Provider: Planetek Italia's Rheticus platform

References links
- https://www.rheticus.eu/rheticus-services/urban-dynamics/

Target 1.5.: eo services focus on: Build resilience of vulnerable populations contributing to management of disaster risk reduction.
Target 9.1.: eo services based on Inform on infrastructures development & planning.
Target 11.3.: eo services based on Urban growth monitoring for sustainable use of land. Indicator 11.3.1: Land consumption
Target 11.6.: eo services based on Spatial mapping of cities & waste management
Target 11.7.: eo services based on Mapping extend of urban areas

Figure: Rheticus® Urban Dynamics service geoportal with analytics tools

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