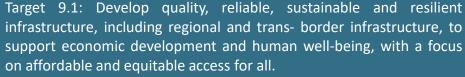# EO services contributing to SDGs
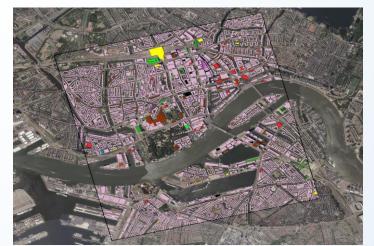## Rooftop Potential Analysis

- User: Urban Planners, City Developers, Architects, Municipalities
- Challenge/Needs: Dense population of the Netherlands needs efficient planning to maximize land use and urban planning potential
- Initiative: Created Roof Potential Map of existing and potential rooftop uses within Rotterdam city centre - users can utilize map to find practical and environmentally friendly solutions
- Results: Map visualizing existing rooftop uses, classified into 16 categories, indicating blue or green infrastructures and solar energy potential
- Service Provider: Space4Good (Gemeente Rotterdam + Zoarchitecten)

Target 9.1: Develop quality, reliable, sustainable and resilient infrastructure, including regional and trans- border infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all.

Target 9.4: By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, with all countries taking action in accordance with their respective capabilities.

Target 11.1: By 2030, ensure access for all to adequate, safe and affordable housing and basic services and upgrade slums.

Target 11.3: By 2030, enhance inclusive and sustainable urbanization and capacity for participatory, integrated and sustainable human settlement planning and management in all countries.

Detected roof types of Rotterdam overlayed on an RGB image

References link: https://www.space4good.com/portfolio