

PROMOTING THE USE OF EO/GI DATA AND SUPPORT THE RELATED **ECOSYSTEM DEVELOPMENT FOR SDGS**



Gábor Remetey-Fülöpp^{1,5} Szabolcs Mihály¹ Tamás Palya² László Zentai³ Péter Hargitai⁴ Gyula Iván¹

1 Hungarian Society of Surveying, Mapping and Remote Sensing (MFTTT), 2 Lechner Nonprofit Ltd, 3 Department of Cartography and Geoinformatics Eötvös Loránd University of Sciences (ELTE), ⁴Hungarian Space Cluster (HUNSPACE), ⁵Corresponding author: gabor.remetey@gmail.com

Setting the scene and mission goals of the MFTTT WG4SDG

- The UN Agenda 2030 and the SDGs and the established targets and indicators
- Role of EO/geospatial data in monitoring and reporting on SDG targets &
- From interdisciplinary collaboration to trans-disciplinary approach
- Stakeholder engagement and capacity building from local to global Importance of exploitation of Digital Earth vision and technologies to support informed decisions in SDG-related issues
- Mission goal of MFTTT WG4SDG: advocate, promote and facilitate the use of EO/GI data and information for SDG by awareness raising and sharing

Evolution of the MFTTT WG4SDG - milestones in nutshell



Some stakeholders and engaged actors from academia



Some of MFTTT WG4SDG outreach activities in 2019



Some selected GI Systems for SDGs in Hungary



Promoting engagement, interdisciplinary cooperation

In Hungary, the inter/transdisciplinary cooperation and collaboration among stakeholders on domestic level is guided by the national strategy on SD and other documents including:

GEO EO4SDG Strategy Implementation Plan

- - CEOS/ESA guide on Earth Observation for SDG
- Good practices in capacity building and curricula development (as promoted by the Sustainable Development Solution Network-SDSN)
- Recommendations on the integrated use of geospatial information and statistical data for indicator monitoring and reporting (UN-GGIM,, EFGS)
- CEOS Ad-hoc WG on SDG
- Documents of relevant ICA, FIG and ISPRS activities
- UN-GGIM regional and thematic networks EC DG GROW and EC DG JRC publications
- ISDE's SDG-related documents and messages (Florence Declaration 2019)

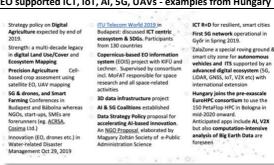
The Emerging Landscape of the SDG-related Stakeholders



Engaged actors from the space Industry sector HUNSPACE



EO supported ICT, IoT, AI, 5G, UAVs - examples from Hungary



Conclusions

- Setting up interoperable EO and geospatial data infrastructures for the benefit of the public administration and private sector supports national programs on digital governance and prosperity
- Supported by innovation, exploitation of novel technologies, investments in broadband rollout and ICT solutions the digital ecosystem will provide synergies and opportunities for the transformation of the society and digital economy including the acceleration of the implementation of global policies on SDGs, Climate Change and Disaster Reduction
- 0 Need for interdisciplinary cooperation of engaged stakeholders

































