

**Report on the activities of MFTTT-WG4SDG in 2018**  
**Compiled for MFTTT Executive Board Meeting**  
**10<sup>th</sup> December 2018, Budapest, Hungary**

In accordance with resolution MFTTT Executive Board No. 17/2017 (XII. 12.) MFTTT-WG4SDG for the achievement of UN Sustainable Development Goals continued its work in the field of national and international cooperation in 2018.

**A. Activities in 2018, events and cooperation**

**1. Personalia**

The WG was widened in 2018. Members of the WG: Dr. Szabolcs MIHÁLY as chair, Dr. Gábor REMETÉY-FÜLÖPP, Prof. László ZENTAI (new member) and Tamás PALYA.

**2. Papers, presentations and reports**

- a) Paper: MIHÁLY-PALYA-REMETÉY: MFTTT a fenntartható fejlődésért (in Hungarian, MFTTT for Sustainable Development). Geodézia és Kartográfia, 2018/3, Budapest, HUNGARY
- b) Presentation: European Surveyors' Day: MIHÁLY-PALYA-REMETÉY: Az ENSZ Fenntartható Fejlődési célok és a hazai földmérés és térinformatika lehetőségei (in Hungarian, UN Sustainable Development Goals and the opportunities of national surveying and geoinformation). European Surveyors' Day, 21. March 2018., Budapest, HUNGARY
- c) Presentation: PALYA in Szilárd Zielenski Vocational College at Budapest University of Technology and Economics. 4. May 2018., Budapest, Hungary
- d) Presentation and Paper: ZENTAI-MIHÁLY-PALYA-REMETÉY: Hungarian Activities, Geospatial Data And Services To Support The UN Agenda 2030 Implementation.
- e) ICA-ICC&GIS Conference. 18-23 June 2018., Sozopol, BULGARIA.
- f) Speeches:
- g) REMETÉY presented the activities of MFTTT-WG4SDG and called for attention to country reports connected to SDG-HLPF forum, which were running at the same time in New York, USA. at the plenary and round table of InterCarto-InterGIS conference. July 2018., Bonn, Germany.
- h) Briefing the activities at Croatian and Greek Conferences by ZENTAI.
- i) Presentation and Paper: PALYA-MIHÁLY-REMETÉY-ZENTAI: Hungarian GIS Data for SDGs. XI. European Forum on Geography and Statistics, 16-18 October 2018., Helsinki, FINLAND.
- j) PALYA's recommendation for the integrated utilization of statistics and geoinformation data in Census 2021. EuroGeographics POLKEN meeting, 17. October 2018., Helsinki, FINLAND.
- k) Presentation: REMETÉY: Földmegfigyeléssel a fenntartható fejlődési célok eléréséért (in Hungarian, Earth Observations for the achievement of Sustainable Development Goals). Fény-Tér-Kép Conference, 15-16 November 2018., Gárdony, HUNGARY.

- l) Report presentation:
- m) REMETÉY et. al.: Hungarian Contribution To EO4SDG. GEO Week 2018., 29. October 2018., Kyoto, JAPAN.
- n) In the paper not only the activities of MFTTT-WG4SDG, but the Earth Observation Research Laboratories in Hungary were presented. The WG accepted the offer of Mr. Peter HARGITAI (HUNSPACE), and welcome him as a member of the WG. By this way the WG would expand its activities with Earth Observation and Space Industry as well. ESA made many such surveys about Hungary, and the WG wanted to investigate them. Since REMETÉY has monthly webinar meeting with the leaders of EO4SDG, publication of results would not be difficult.
- o) Referencing to Department of Space Research and Space Activities at the Ministry of Foreign Affairs 7<sup>th</sup> December 2018., Budapest, HUNGARY:
- p) At the meeting of the Hungarian Space Research Council REMETÉY was invited as a speaker. REMETÉY made a recommendation for the Hungarian Space Research Office (HSRO) to connect to CEOS. He presented the importance of an expanded HSRO document, which showed the role of National Spatial Data Infrastructure, Earth Observations and integrated statistics data in the measurement and monitoring of SDG's indicators. It is also important to present the role organizations in public and private sectors and the activities of MFTTT-WG4SDG.

### 3. Documentation on national and international level

- a) **RFG Diary** <https://hunagi8.blogspot.com/> about SDG, EO<sup>1</sup>, GI<sup>2</sup> events and news;
- b) **Document warehouse** of MFTTT-WG4SDG, <https://rfg155.wixsite.com/erfg> ;
- c) MFTTT-WG4SDG activities were uploaded to **Research Gate**;
- d) **MFTTT-WG4SDG** is correspondence to GISCO, which is dealing with the cooperation among the National Statistics Institutes and National Mapping Agencies,
- e) MFTTT-WG4SDG regularly receives information about training programmes from UNSCC-SDG Knowledge Center
- f) MFTTT-WG4SDG is on the mailing list of IISD. WG provided information for Global Day of SDG Action,
- g) WG participated at European Sustainability Week, 26. April 2018.
- h) At SDG HLPF Forum, July 2018:
  - i) Hungarian representation (REMETÉY)
  - j) Hungarian results were indicated in Declaration
  - k) SDG's Knowledge Platform: <https://sustainabledevelopment.un.org/memberstates/hungary>, **Voluntary National Review 2018: Main Messages of Hungary**
  - l) REMETÉY followed the activities of GEO (Group on Earth Observation) by personal participation by 2017 as GSDI mandated

person. From 2018 he is mandated by the Hungarian Space Research Office.

- m) GEO ministerial meeting accepted GI-18 EO4SDG initiative in November 2015. REMETEY attended to EO4SDG meetings in 2015 (Mexico City, MEXICO), in 2016 (Saint Petersburg, RUSSIA) in 2018 (Kyoto, JAPAN).
- n) REMETEY is a special invited person of the webinars, organized by GEO.
- o) In 2017. and 2018 MFTTT-WG4SDG made reports, which were send to EO4SDG.
- p) But today promotion activities are not enough. GEO requires applications and skills, in which Earth observations and Geoinformation effectively support the achievement of SDGs. Measuring the factors/indicators, monitoring them and national reports are also required.
- q) UN-GGIM expects the integrated usage of GI/EO/STAT data.
- r) Committee on Earth Observation Satellites (CEOS)
- s) MFTTT-WG4SDG reported its activities in 2017: Annapolis (USA) and Beijing (CHINA) and in 2018: Oberpfaffenhofen (GERMANY).
- t) MFTTT-WG4SDG initiated the data integration between the Central Statistics Office and Mapping Agency of Hungary.

## **B. Conclusions and recommendations**

During the execution of UN Agenda 2030 focusing on the measurement, monitoring and documentation of Sustainable Development Goals' indicators needs a special attention by the utilization of statistical, geoinformation and Earth observation data. It needs special efforts from the participating countries to provide policies, actions, cooperations, knowledge base, human resources, organizational and financial background.

Direct support by EO/GI tools of SDG has not been established yet in Hungary. During the years 2017-2018 MFTTT-WG4SDG made preparation works, by the motivation of public and private sector for cooperation.

**Results of these activities should be included Voluntary National Review of Hungary and in the report of national EO4SDG Group as well.**

Actions should be taken:

- Continuing the involvement of national geoinformation and Earth observation bodies,
- Strengthening collaboration with UN and SDG bodies on national and international level,
- Starting geoinformation and Earth observation services for SDGs and establishing related jurisdiction,
- Establishment of Hungarian National Spatial Data Infrastructure, including the legal framework, data policy and interoperability.
- Integration of statistical, Earth observation and geoinformation data,
- Establishment connections to Governmental organizations responsible for the achievement of SDGs in Hungary.

In order to hit these targets, investment is needed by MFTTT. These investments are:

- Supporting the expansion of WG, firstly by Mr. Péter HARGITAI (HUNSPACE).
- Give extended mandate for the WG
- Find financial funds for supporting WG's activities.

MFTTT-WG4SDG kindly ask the Executive Board for supporting these ideas.

10<sup>th</sup> December 2018., Budapest, HUNGARY

Szabolcs MIHÁLY  
Chair of MFTTT-WG4SDG

1 EO – Earth Observation, földmegfigyelések, földmegfigyelési adatok

2 GI – Térinformáció, térinformációs adatok