TEMPLATE C

TOOLS: "Space2030" Agenda Mid-term Review

For Member States

NOTE BY THE SECRETARIAT: In implementing the "Space2030" Agenda, Member States could contribute to and benefit from a number of international and regional mechanisms, programmes, projects and platforms that are already in place or are being developed (A/RES/76/3, paras. 24 and 25).

The responses on recent UNOOSA capacity-building activities would be greatly appreciated by the Office to determine the longer-term impact of our capacity-building activities and identify positive case studies.

1. Have you benefitted from any of the "Tools", listed in paragraph 24?

Yes ☐ No ☑

If YES, please indicate those mechanisms, and please summarize the impact [max 200 words]	
Office for Outer Space Affairs (UNOOSA), as century, and in cooperation with its partners (subsections (a)-(i) of the "Space2030" Agenda;	peen and are being developed by the United Nations part of its capacity-building for the twenty-first A/RES/76/3, para. 25), as listed in paragraph 25,
2.1. Have you benefitted from any of the "Tools	", developed by UNOOSA, listed in paragraph 25?
If YES, please indicate those mechanisms, and p	lease summarize the impact [max 200 words]
Earth-Observation-Based Services for	
National Reporting of the Sustainable Development Goal Indicators—Three	Hyperlink to the article: https://www.mdpi.com/2072-4292/14/11/2597
Showcases in Bulgaria	nttps://www.mupi.com/20/2-4292/14/11/239/
by Risk Space Transfer—Technology Transfer Office, Bulgarian Academy of Sciences (RST-TTO), 1113 Sofia, Bulgaria Earth Observation (EO) is used to monitor and	Aleksieva-Petrova, A.; Mladenova, I.; Dimitrova, K.; Iliev, K.; Georgiev, A.; Dyankova, A. Earth-Observation-Based Services for National Reporting of the Sustainable Development Goal Indicators—Three Showcases in Bulgaria. <i>Remote</i>

reflected them in its strategic documents. EO is one of the priority technologies for the	
development of the Bulgarian space sector.	
This article analyses, based on the "Earth	
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Observation for SDG - Compendium" and	
the developed methodology, how EO data	
could significantly help Bulgarian authorities	
in achieving and monitoring the progress of	
the SDG targets, based on three specific EO	
monitoring pilot RST projects' results	
(showcases), focused more on the policy	
management approach than scientific	
achievement:	
The first project (Copernicus Risk Relay)	
shows the applicability of EO data for	
integration of a national (local) geospatial	
database with the existing international	
networks for monitoring natural disasters and	
accidents.	
The EMOWAF Project demonstrates the time	
series of EO and in-situ data used for water	
quality monitoring.	
The "Smart Crop Production" Programme	
integrates EO data and in-situ measurements	
with ancillary data to provide phenology	
status and crop production forecast to support	
the Bulgarian agriculture sector	
modernisation.	

3. As the lists contained in paragraphs 24 and 25 of the "Space2030" Agenda and implementation plan are not exhaustive, and new initiatives could be developed, including by UNOOSA, with a view to assisting Member States in implementing the "Space2030" Agenda, please indicate additional relevant Tools and any proposed enhancements to the ones listed. [max 200 words]

Tools (new or enhanced existing ones)	How they could benefit your country