

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]

The Charter on Cooperation to Achieve the Coordinated Use of Space Facilities in the Event of Natural or Technological Disasters	It was activated by Brazil in many times in different occasions, such as the Brumadinho Dam Collapse and the Rio Grande do Sul Disaster.
The United Nations Platform for Space-based Information for Disaster Management and Emergency Response (UN-SPIDER)	The University of Rio Grande do Sul is a regional support office of the platform and provides extension and specialisation courses in risk management and space technologies, training professionals to work on disaster prevention and response projects.
The regional centres for space science and technology education	Brazil offered many capacity building courses for Brazilians and for the countries in the region when its CRETEALC Campus was active.

2. In addition, several tools and initiatives have been and are being developed by the United Nations Office for Outer Space Affairs (UNOOSA), as part of its capacity-building for the twenty-first century, and in cooperation with its partners ([A/RES/76/3](#), para. 25), as listed in paragraph 25, subsections (a)-(i) of the “Space2030” Agenda;

2.1. Have you benefitted from any of the “Tools”, developed by UNOOSA, listed in paragraph 25?

Yes ☒ No ☐

If YES, please indicate those mechanisms, and please summarize the impact [max 200 words]

TOOL	IMPACT
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The Open Universe Initiative	<p>Open Universe is an initiative to promote and facilitate access to high-quality astronomical and space-based scientific data for the benefit of all potential users. Its main objective is to promote and facilitate the visibility, free accessibility and ease of utilization of space science data, and in particular astronomical data, collected by space- and ground-based facilities. In this regard, it is a way of promoting transparency by creating projects to broaden and facilitate access to space science data for everyone.</p> <p>To that end, the impact of its development and activities in Brazil has been:</p> <ul style="list-style-type: none"> (a) Enhancing and completing the online availability and visibility of astronomical and space science data, following internationally agreed standards. (b) Promoting the development of software applications and educational and outreach environments for astronomy and space. (c) Furthering the progress of astronomy and space sciences in terms of culture and knowledge dissemination, in particular among young people, irrespective of the previous level of knowledge of the field.
The Space for Women Project	<p>The “UN/Brazil/United Arab Emirates Space for Women Expert Meeting: Initiatives, challenges and opportunities for women in space” was able to offer capacity building for many Brazilians. Many Brazilians have also benefited from the meetings in the USA, South Korea and Canada. Brazilians have also participated in the Mentorship Programme, both as mentors and mentees.</p>
The World Space Forums	<p>Brazilians have benefited from the participation both in person and online of the different editions of the World Space Forum.</p>

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
The Open Universe Initiative	<p>Concerning proposed enhancements to the Open Universe initiative, we recommended:</p> <ul style="list-style-type: none"> (a) Promote further cooperation between countries and relevant stakeholders, including space agencies, astronomical observatories, data centres, for enhanced data archiving and dissemination. (b) Liaise and foster partnerships among the research community in the development, extension and provision of visibility for the data services and applications of the initiative. (c) Promote the establishment and dissemination of the initiative for outreach, STEM education, and citizen science, encouraging the translation of resources and production of tutorials using the tools and platforms of the initiative. (d) Foster new opportunities for young scientists, encouraging the organization of workshops at local institutions, in cooperation with existing capacity-building efforts of the initiative.

The Space for Women Project	The country would benefit from the continuity of the mentorship programme.
The World Space Forums	The country would benefit from having one of the Forums in Latin America.

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