



UNITED NATIONS
Office for Outer Space Affairs

ACCESS TO SPACE FOR ALL INITIATIVE

- Bring space to all through global partnerships



United Nations/China 2nd Global Partnership Workshop
on Space Exploration and Innovation
2022.11.22





Access to Space for All Initiative

WHAT IS

“Access to Space
for All Initiative”?



UNITED NATIONS OFFICE
FOR OUTER SPACE AFFAIRS

Access to Space for All is a joint initiative of UNOOSA and space agencies, research institutions and industry aimed at developing technical know-how, engineering processes and infrastructure of the United Nations Member States in the areas of hypergravity and microgravity, satellite development and space exploration.

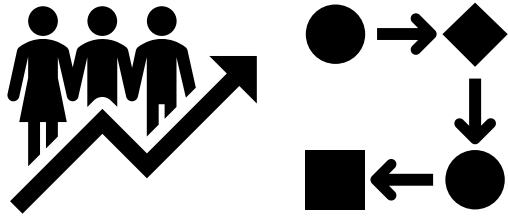
Access to Space for All provides research and orbital opportunities for Member States to access space and to ensure that the benefits of space, in particular for sustainable development, are truly accessible to everyone.



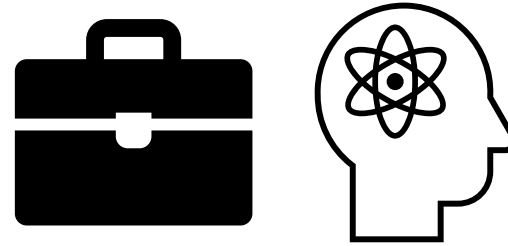


Access to Space for All Initiative

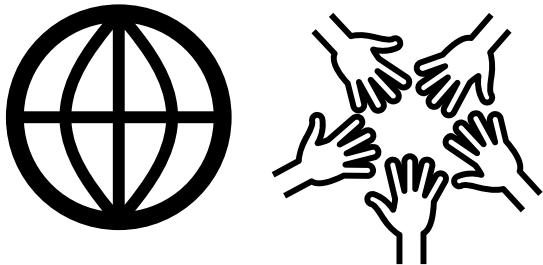
*The goal of the Access to Space for All Initiative is to provide research and orbital opportunities for UN Member States **to access space and to ensure that the benefits of space, in particular for sustainable development, are truly accessible to all***



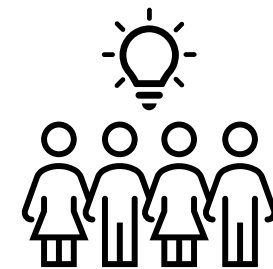
Hands-on Capacity from A-Z
Responsible & Sustainable Way



Provides cutting edge skills for
jobs and other opportunities



Fosters international cooperation



Social Impact: To your country,
region and young generations



Access to Space for All Initiative

WHAT ARE

“Access to Space for All” **Opportunities?**

HYPERGRAVITY AND MICROGRAVITY

Building capacity for conducting experiments in orbit



Hands-on opportunities in hypergravity and microgravity from ground to orbit



Open source tools bridging hands-on and education components



Educational material for building up experiments

SATELLITE DEVELOPMENT

Building capacity that enables the development, deployment, and operation of satellites



Hands-on opportunities for satellite deployment



Open source tools bridging hands-on and education components



Educational material supporting the whole life-cycle of satellites

SPACE EXPLORATION

Broadening the engagement in space exploration



Hands-on opportunities to engage in space exploration



Open source tools bridging hands-on and education components



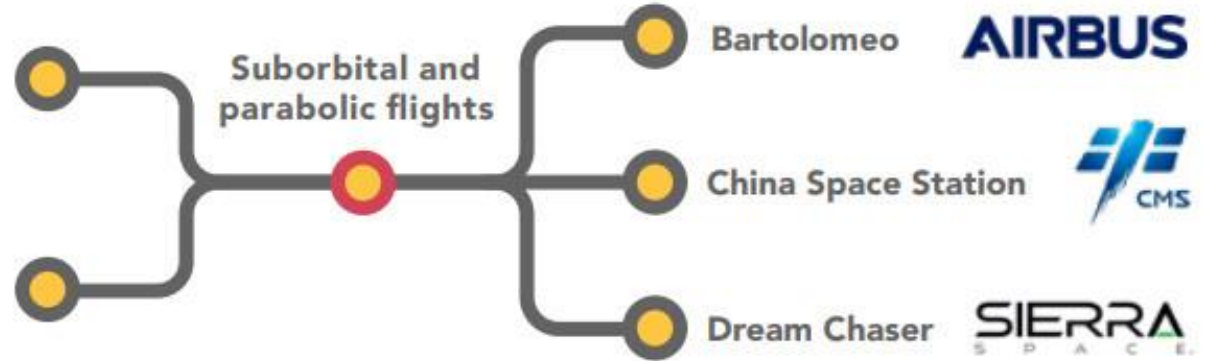
Educational material for space exploration



Access to Space for All Initiative

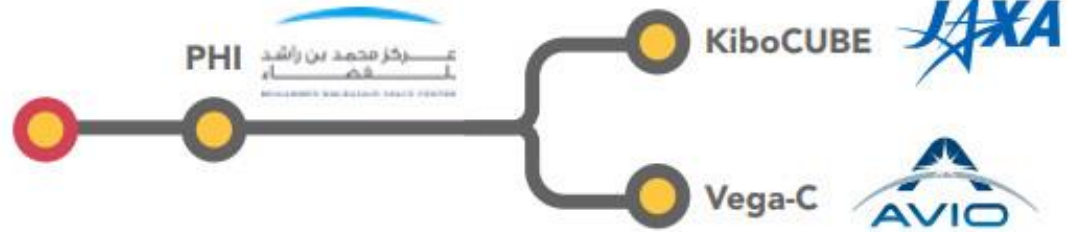
WHAT ARE

“Access to Space for All” **Opportunities?**



canSATs

PHI
مركز محمد بن راشد
للفضاء
Mohammed Bin Rashid Space Centre



Ground Analogues





Access to Space for All Initiative



Fellowship Programme for the Drop Tower Experiment Series "DropTES"

In collaboration with the Center of Applied Space Technology and Microgravity (ZARM) and the German Aerospace Center (DLR), the Drop Tower Experiment Series (DropTES) Fellowship Programme has been open since 2014 to research teams from United Nations Member States.

New round is open for applications until January 2023

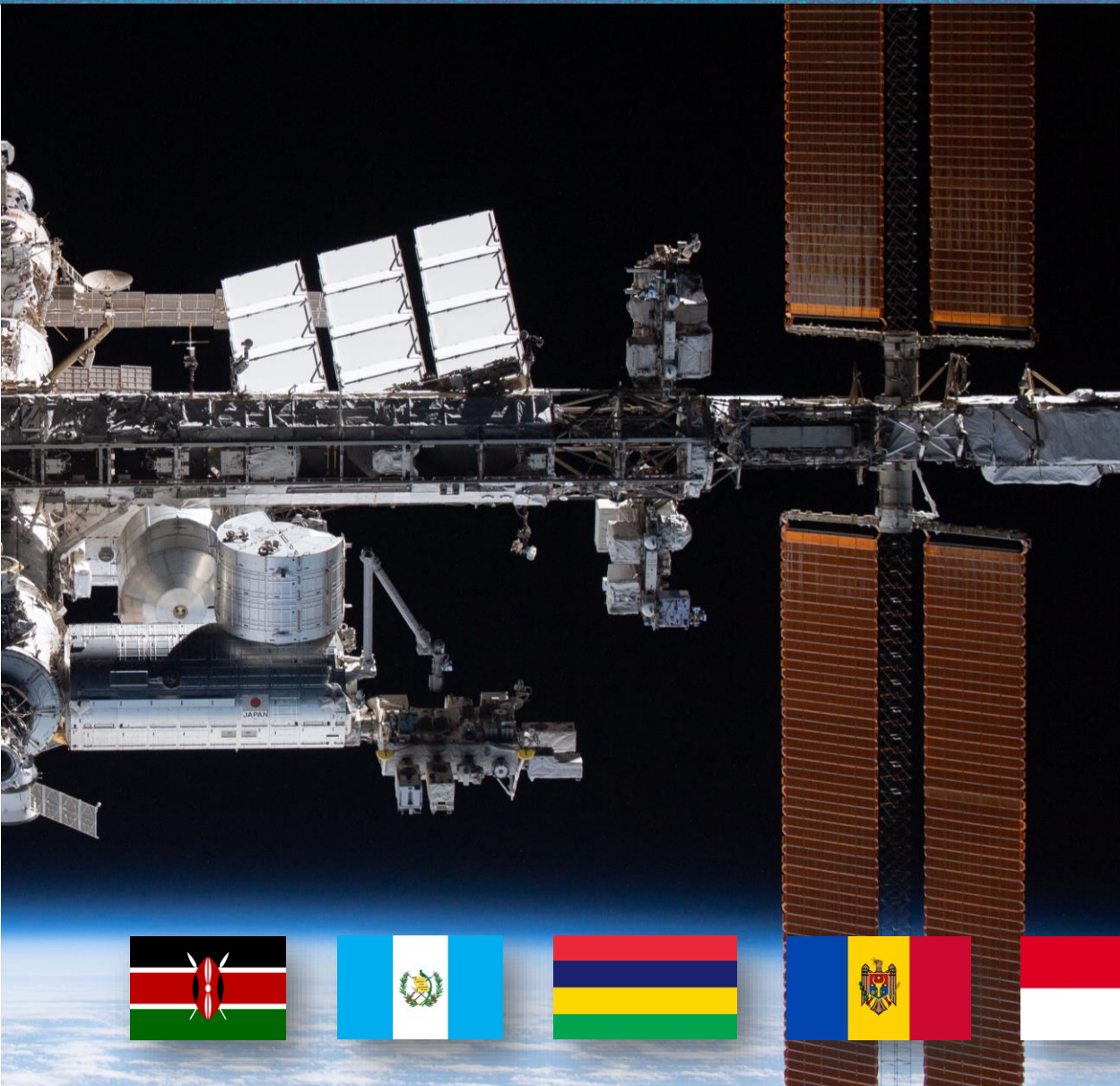


7 Awardees





Access to Space for All Initiative



United Nations/Japan Cooperation Programme on CubeSat Deployment from the International Space Station (ISS) Japanese Experiment Module "KiboCUBE"

Started in 2015, KiboCUBE is the collaboration programme between UNOOSA and JAXA that provides educational and research institutions from developing countries with the opportunity to develop a CubeSat and have it deployed from the Japanese module "Kibo" of the International Space Station.

8 Awardees

4 CubeSats launched





Access to Space for All Initiative



“ISONscope” Telescope provision in cooperation with the Keldysh Institute of Applied Mathematics of the Russian Academy of Sciences

UNOOSA and the Keldysh Institute of Applied Mathematics of the Russian Academy of Sciences (KIAM RAS) supply telescopes to developing countries and associated capacity-building on astronomy.



2 Awardees





Access to Space for All Initiative

HOW ARE WE supporting Sustainability?

Space technology and space applications are critical to supporting the 2030 Agenda on Sustainable Development and achieving the Sustainable Development Goals. Learn how UNOOSA support SDGs:

<https://www.unoosa.org/oosa/en/ourwork/space4sdgs/index.html>

Access to Space for All also attaches importance to promote the link between our activities and the SDGs.

Access to Space for All contributes to the SDGs, especially Goal 4 on Quality Education, Goal 8 on Decent Work and Economic Growth, and Goal 9 on Industry, Innovation and Infrastructure.

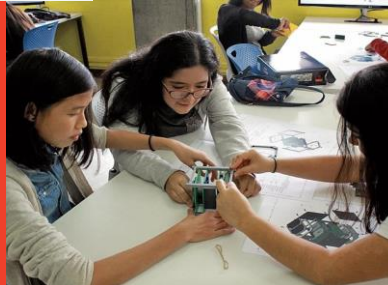




Access to Space for All Initiative



Access to Space for All requires applicants to make the link between what they try to achieve with their application and the SDGs.





Access to Space for All Initiative

HOW ARE WE
supporting
Partnerships?

17 PARTNERSHIPS FOR THE GOALS

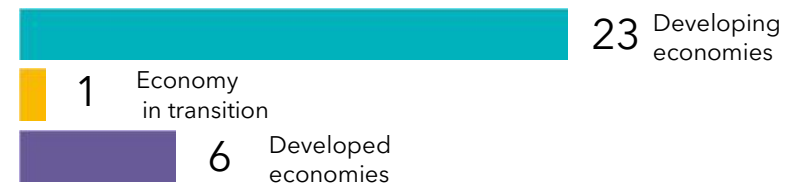


Our Partners



Applicants and Awardees

Principal investigator distribution



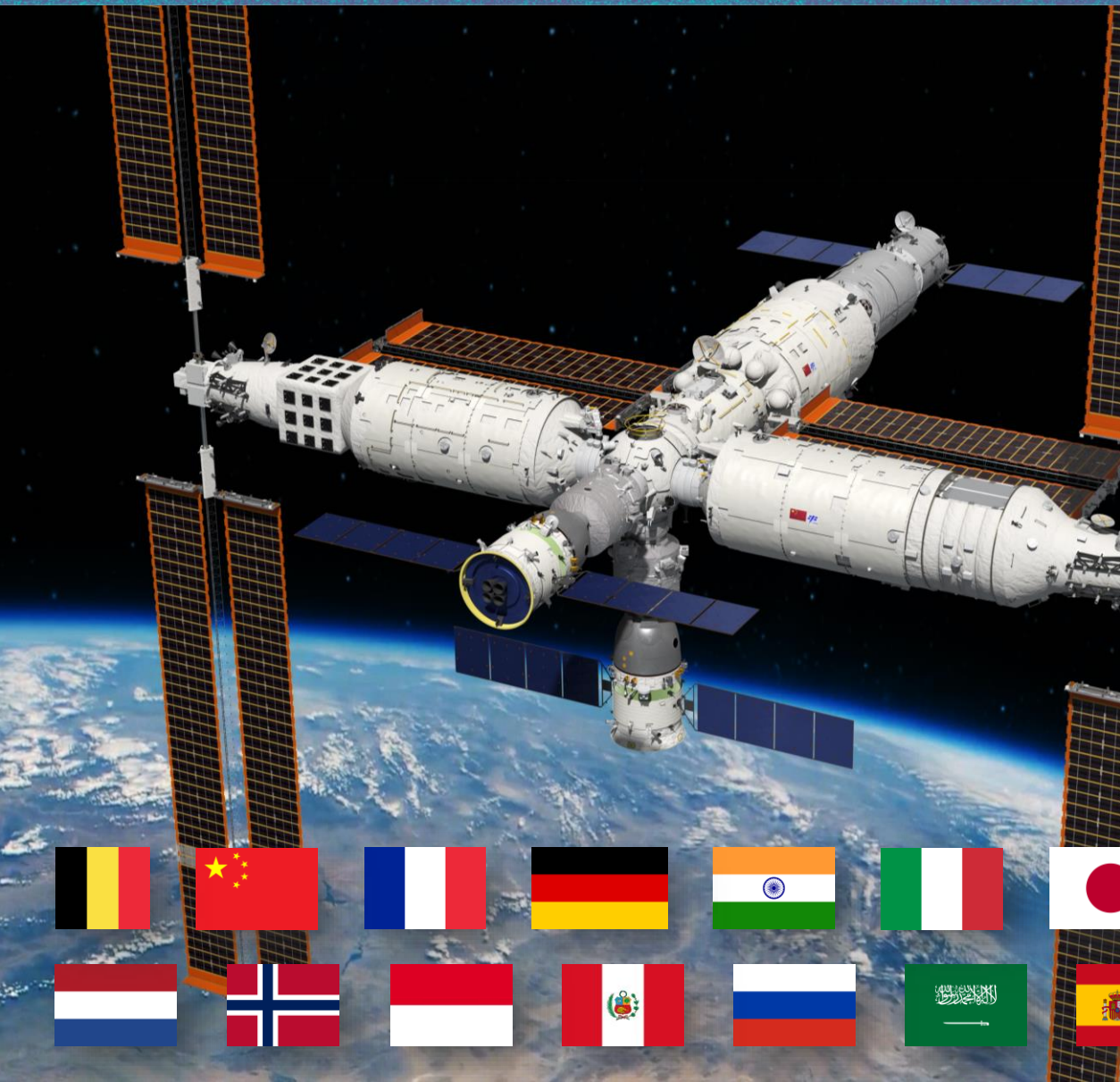
30 awardees

46 entities

33 countries and regions



Access to Space for All Initiative



The United Nations/China Cooperation on the Utilization of the **China Space Station**

UNOOSA, in cooperation with the China Manned Space Agency (CMSA), UNOOSA launched the "United Nations/ China Cooperation on the Utilization of the China Space Station" programme under the framework of the UNOOSA Access to Space for All initiative.

8 Awardees

21 Institutions

17 Member states





Access to Space for All Initiative



Accessing Space with the ISS **Bartolomeo** Platform

UNOOSA is partnering with Airbus Defence and Space GmbH to offer the opportunity to operate a payload on the Airbus Bartolomeo external platform on the International Space Station. The mission is open to entities from Member States of the United Nations, and developing countries are particularly encouraged to participate.



1 Awardee team of
3 African countries

AIRBUS





Access to Space for All Initiative



WHAT IS
our "Future"?



The Access to Space for All Initiative is only possible thanks to partnerships with various public and private actors, who are contributing to the initiative in various manners.

New contributions to the Initiative are possible and encouraged.

Contact us

 unoosa-access-to-space@un.org

Help us promote
#AccSpace4All



Download and learn more about us!
Available in English and French

<https://www.unoosa.org/oosa/en/our-work/access2space4all/index.html#Tag9>

