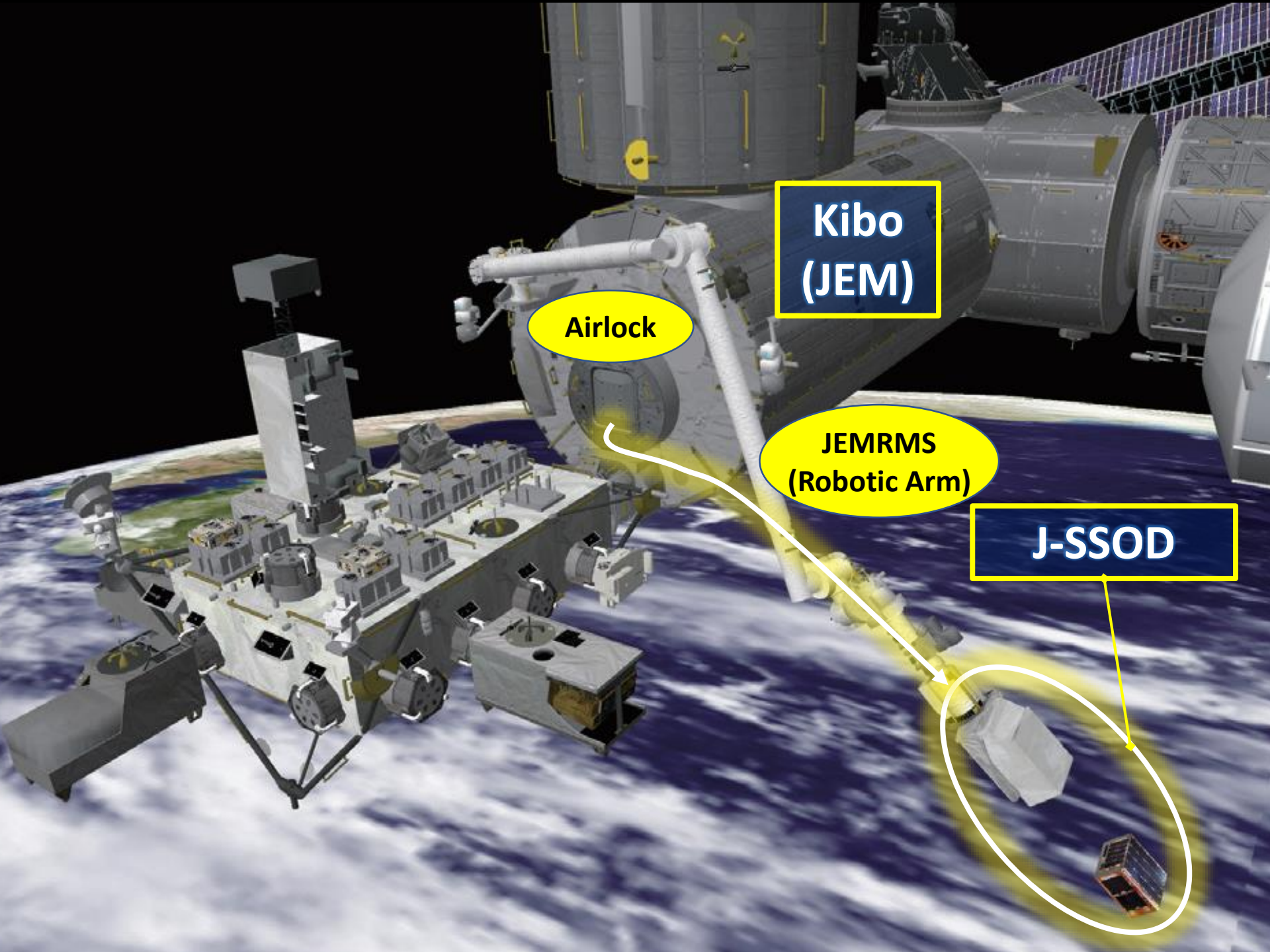
The background of the slide is a photograph taken from space. It shows a portion of a space station's structure, including a large solar panel array on the left and various equipment and modules on the right. Below the station, the curved horizon of the Earth is visible, showing a blue sky and white clouds. The text is overlaid on this image.

# How JAXA contributes to KiboCUBE and the future ambition of the programme

JEM Utilization Center  
Japan Aerospace Exploration Agency (JAXA)

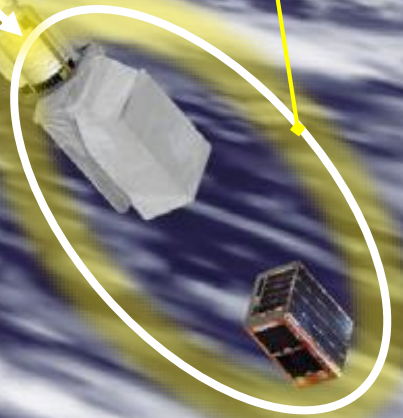


**Kibo  
(JEM)**

**Airlock**

**JEMRMS  
(Robotic Arm)**

**J-SSOD**



# Small Satellite Deployment Process

CubeSat



J-SSOD Satellite Install Case



Cargo Transfer Bag



Launch as  
pressurized cargo

Japanese Experiment Module (Kibo)



# JAXA contributes to KiboCUBE

- ◆ Provide satellite deployment opportunities from ISS
- ◆ Technical support for safety review
  - Small satellites should be designed and developed to avoid harming astronauts.
  - Small satellites should be deployed to avoid destroying ISS.



Technical meeting with JAXA



Hand over to JAXA @ 2<sup>nd</sup> Round

# Achievements for KiboCUBE deployment



The Kenyan government, representatives from the University of Nairobi and the Japanese government watched the deployment of the CubeSat from the “Kibo” Mission Control Room in Tsukuba Space Center (Japan).

The live streaming of the deployment was broadcast on YouTube.



# Future ambition of KiboCUBE

- JAXA's contribution for KiboCUBE is not only providing the deployment opportunities but also enhances the capacity building.
  - Sustained support is needed to help emerging space nations build technological capability.
  - It is also important to give technical feedback so they can improve their applications for the next opportunity.
- We are discussing how to strengthen the capacity building for these possible applicants in satellite development, satellite operations, and data utilization between JAXA and University of Japan.
  - ex.) Web seminars for Small Satellite, technical support
  - ... under positive consideration ...

**We are looking forward to seeing you in the 6th round of applications!!!**