

General Introduction & Overview of Opportunities in the Field of Space Resources

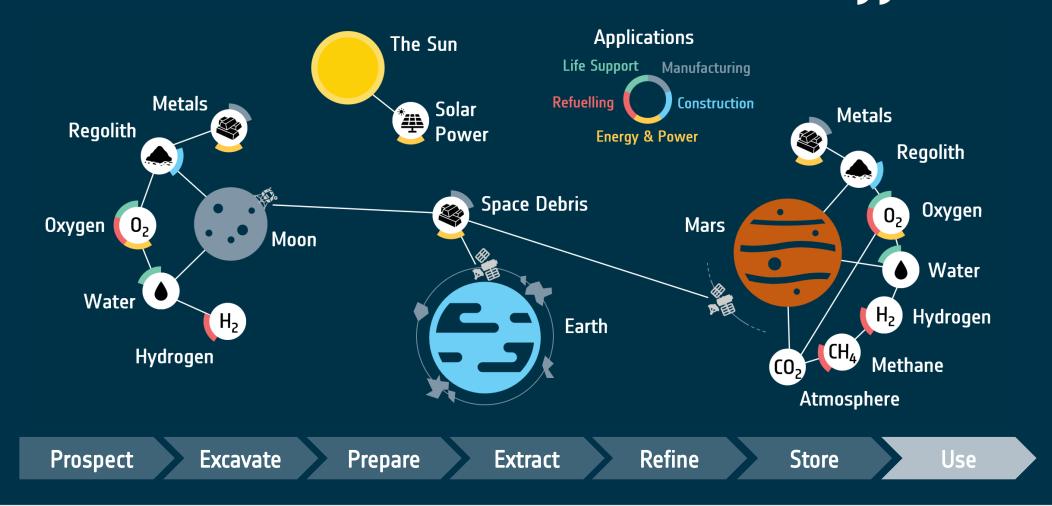
ESA Human and Robotic Exploration Commercialisation and Innovation Team HRE-XI

19/01/2024

What is In-Situ Resource Utilisation (ISRU)?



Use in-situ resources to fuel our journey into Space and build a sustained human presence beyond Earth with limited dependence on terrestrial resources.



ESA Research Activities in Space Resources







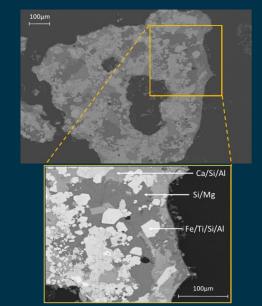




SPACESHIP, ESA DISCOVERY & PREPARATION, AND TDE ACTIVITIES







ESTEC INTERNAL
RESEARCH ON THE FFC
PROCESS

... and many more!

New Facilities at ESRIC





Business support and incubation



Research and testing facilities



Knowledge management



Community management



esric

The research platforms will be available to third-party users to test ISRU technologies and applications!









Start-Up Incubation Opportunities

The ESRIC Start-up Support Programme (SSP) in a few numbers...

- **2** calls per year
- 5 start-ups selected for the pre-incubation phase
- Up to 200.000 € of funding available to selected projects
 - 3 month programme
 - winner supported to open an entity in Luxembourg!

Winners of SSP1 & SSP2!





Stay tuned for the launch of SSP5!





Community Engagement via the Space Resources Challenge





We are launching the second Challenge in 2024!



Want to get involved?



Support innovative ideas and increase the visibility of your company by becoming a sponsor of the Second ESA & ESRIC Space Resources Challenge!





Thank you for listening!