

ispace Series 1 and Series 2 Lunar Missions

Author: Kyle Acierno

United States, kyle.acierno@ispace-us.com

ispace endeavors to expand humanity's economic sphere beyond Earth by developing a transportation system to the moon and contributing to the development of infrastructure on the lunar surface and in cis-lunar space.

Over the past five years, ispace inc. has significantly expanded its global presence. Growing from its first office in Tokyo , Japan, ispace has over 200 people including 30 people in Luxembourg and, as of 2022, over 50 people in the United States.

This presentation will update the community on progress made towards ispace's M1 and M2 missions facilitated by the Series 1 lander, designed by ispace Tokyo and currently undergoing assembly, integration and test in Germany, to be launched in Q4, 2022. The presentation will overview the key science objectives accomplished by our upcoming missions and illustrate the payloads that will be flown to the Moon.

Next, the presentation will introduce the progress made on the Polar Ice Explorer, as well as other mobility systems being developed by ispace Europe.

Finally, the presentation will detail ispace's expanded presence in the United States, introduce the design of the Series 2 lander, and explain how this larger lander will provide a large platform for future missions to the Moon.

###