LUNAR EXPLORATION AT THE EUROPEAN SPACE AGENCY

→ UNITED SPACE IN EUROPE
Forward to the Moon
Drilled Polar Samples

Measurements

Knowledge
Local Resource Potential

Missions of Opportunity

- PILOT and PROSPECT (Luna-27)
- Science, technology and ISRU payload preparation
- New possibilities: Commercial, Chang’e+ series, NASA (CLPS), JAXA

Map of polar water ice stability within 1m (Paige et al. 2010.)
THE MOON AS
A SPACEPORT
TO THE UNIVERSE
Thank you!

stefaan.de.mey@esa.int

Strategy & Innovation Team

Directorate of Human and Robotic Exploration