CIVIL ENGINEERING AND CONSTRUCTION ON THE MOON AND MARS

MDA - Robotics & Space Operations

May 2023

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Moon to Mars
Key Surface Infrastructure and Operations
Challenges to go from Tools to infrastructure (and... Moon to Mars)

- Evolving from and building on...
  - Real-time (in-situ) to near-real time (moon) time to remote (Mars)
  - Human-in-the-loop to Human-on-the-loop to autonomous
  - Brought from Earth (mission oriented) to in-situ resource utilization (sustainable logistics)
  - Mission(s) to Sustainable Presence
THANK YOU

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