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For the past two years, NORCAT has led a team of small and medium enterprises, known as Space Resources Canada (SRCan), through development of mobility enabled ISRU technologies and operational capabilities that were successfully deployed and tested in analogue missions on the slopes of Mauna Kea in 2008 and 2010.

The 2008 deployment was led by NASA, involved a variety of ISRU related hardware and allowed the SRCan team to work with a number of the systems and capabilities it was developing in order to reduce risk associated with the continued development and deployment of the full suite of technologies in 2010. The 2008 deployment presented a learning opportunity such that NORCAT was well prepared to lead the significantly larger 2010 deployment involving over 100 personnel from 6 NASA centres, the Canadian Space Agency, Natural Resources Canada, DLR, Universities from the US, Canada and Germany, and at least eleven private companies from the US, Canada and Germany.

This presentation will focus on the logistical management of that deployment, detailing the lessons learned from the 2008 deployment as they were applied in 2010. The implementation of the resulting procedures and infrastructure will be evaluated.