

**LESSONS FROM EARTH:  
EXPERIENCES WHICH CAN GUIDE  
LUNAR AND ASTEROIDAL DEVELOPMENT**

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Although space-based projects face unique technical challenges, they will encounter many of the same regulatory, logistical and financial issues which other large-scale enterprises have been presented with in the past. Given this commonality, it is possible many of the same solutions engineered for issues confronted on Earth may be applied to the challenges faced in space as well.

This paper will examine the successes of a few key technologies, social policies and business frameworks of the past century and consider what lessons may be learned from those examples to assist public and private sector projects involving the Moon, Mars and Near Earth Asteroids.

These examples will include:

- the development of global infrastructure for the Liquid Natural Gas industry;
- the increased effectiveness of asset use due to land title reform;
- the objective of resource claims for assets extracted from public land;
- asset distribution to citizens through the Alaska Permanent Fund Dividend Program; and
- the regulatory environment behind the rapid emergence of 802.11b / Wi-Fi technology.

By looking to these past projects and social frameworks for examples of success in their respective fields of endeavour, the Space Resources Roundtable may assist national space agencies and emerging private sector enterprises by proposing policies and frameworks which draw upon the best of this industrial experience. Actions which may be taken within the scope of the SRR's activities over the next year to assist this goal will be proposed as part of this paper's conclusions.