

# Lunar Development

An Affordable Earth\Moon Transportation and Infrastructural System

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The basic conditions for an affordable lunar and space development are:

low cost space accessibility through a commercial airline type of operation  
maximum utilization of existing resources already in  
space

We are proposing several interrelated systems, their design goals and evaluation parameters including:

Orbital Cruiser – a two stage entirely reusable Earth to LEO commercial  
space plane vehicle  
Astrorient – A proposed technology for asteroid deflection system  
AstroHab – a modular extraterrestrial station construction system  
utilizing local resources

Applications of such technologies for Moon development are several, ranging from an Earth\Moon cyclical spaceship utilizing deflected asteroid, the creation of an hotel in such a cycler, the development of lunar stations, bases, hotels for further development.

The cost involved are several orders of magnitude lower than existing and would allow serious and profitable space development for new players including private enterprise. Such applications are discussed with potential benefits and schedules.