

Importance of Economic Incentives

- Nurture and support nascent industries
- Develop leadership in innovative areas
- Motivate decisions or actions by others
- Goal/outcome oriented

Types of Economic Incentives

Government

- Grants
- Subsidies
- Low interest loans
- Loan guarantees
- Carbon credits/ offsets
- Other incentives
- Tax holidays
- Reduced tax rates
- Performance-Based Tax Credits
- Transferrable tax credits
- Prizes
- Pre-Purchase Agreements
- Preferential procurement policies
- Guaranteed annual revenues, etc
- Depletion allowances vs Depreciation

Non-government

- Prizes
- Patronage

Property Rights and Licenses

KEY ISSUES – Economic Incentives or Access?

Inexpensive, reliable ACCESS to Space IS the Deal Breaker.

Key Long-term Motivators

- Survival of the Species
- Resource Scarcity
 - –Energy
 - -Minerals



The Space Industry and Incentives

- NASA Changing IPP
 - SBIRS
 - Centennial Challenges
 - COTS
- Oklahoma and Rocketplane
- Senator Nelson 2010 proposals





- Production/Investment credits focused on green energy generation
- Carbon Credits/Offsets/RECs
- Rebate programs
- RPS requirements (Renewal Production Standards)
- Loan Guarantees

Best analogy for space resource development = Canadian Oil and Gas Exploration

- Flow-through shares
- CEE = Canadian Exploration Expense
- ITCE = Investment Tax Credit for Exploration
- Packaged for smaller investors
- Achieve multiple policy goals
- Mineral property right structure

