

THE WORLD'S LEADING SPACE RISKS CONFERENCE
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NON-TRADITIONAL COMMERCIAL SPACE ACTIVITIES

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Window for Action

- Business plans and economic returns will be affected by policy and legal regimes relating to the commercialization of off-Earth resources
- Both governments and private enterprise are facing a condition of uncertainty - risk - in defining space resources activities
- There is interest in working jointly to reduce that uncertainty to define market conditions and respect international obligations
- Coordination of national and international law will help states establish the conditions under which socio-economic benefit could result from space resources development



“Non-traditional” Space Applications

Rapid expansion in the number & types of commercial space applications is challenging existing policy context for space activities



Image Source: NASA

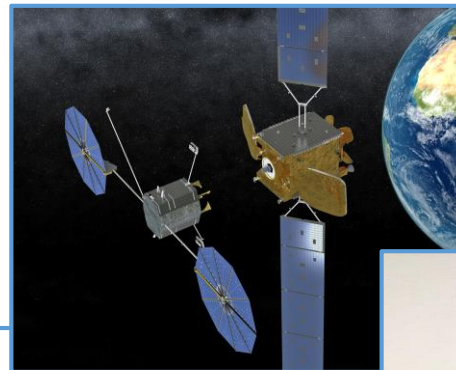


Image Source: SpaceX



Image Source: Planetary Resources

Image Source: Orbital
ATK



Policy and regulation must be developed to support these activities...and others

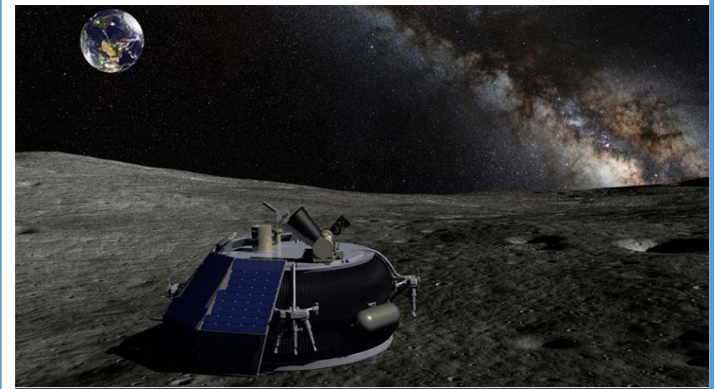
Moving Towards Implementation

- Increasing focus on “authorization and supervision” aspects
- Further domestic law and policy action
 - Japan
 - Luxembourg
 - UAE
 - US
- Further policy definition of impact, benefit, and use case



Moon Express wins U.S. government approval for lunar lander mission

by Jeff Foust — August 3, 2016



Moon Express's MX-1 lander. Credit: Moon Express artist's concept

Regulatory Context For New Applications

- Space traffic management
- Regulatory authority & process
- Licensing efficiency
- Smallsats & cubesats
- New actors & best practices

The Hague Space Resources Governance Working Group

- Multilateral, effort to define policy and legal “building blocks”

In December SWF will publish the Handbook for New Actors in Space

- Overview of fundamental principles, laws, norms, and best practices for safe, predictable, and responsible activities in space



Thank you.



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