

BUSINESS INNOVATION SYMPOSIUM (E6)  
New Business Models in Traditional Space Industry Applications (2)

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COMMERCIALISATION OF SPACE TRANSPORTATION AND ITS CONSEQUENCES

**Abstract**

In 2006, the National Aeronautics and Space Administration signed the first Space Act Agreement with private-sector companies to guarantee the access to space to the United States of America. This concerns Crew and Cargo program to re-supply the ISS after the retirement of the Space Shuttle. The success of the launch of the Falcon 9 rocket + Dragon Capsule in December 2010 showed that it was possible to develop new space system in a short time fame and with low cost. This paper will begin with a brief description of the Commercial Orbital Space Transportation market program and analyse the business case of key industries such as SpaceX, Orbital Science Corporation, Bigelow... Next, the consequence on the space industry within the US and in the world will be explored. Finally, the paper will analyse the reaction of the space community and identify consequences and lessons learned for the European Space Agencies and European Industries.