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Space Economy: Valuing the Uses (3)

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FINANCIAL, ECONOMIC AND POLICY ISSUES AND SOLUTIONS TO BE ADDRESSED IN THE
COMMERCIALISATION AND PRIVATISATION OF DIFFERENT AREAS OF THE SPACE
INDUSTRY GLOBALLY.

Abstract

In international markets across many industries one can see motivational changes in the markets towards collaboration and development of core competencies. This is not only due to increased globalisation, competition and technical advance. Complementary technology or research techniques allow for sharing of capital requirements, risk spread, economies of scale and overcoming barriers to entry. There has also been a change in organisational structure of cooperation to non-equity partnerships which is visible in the space programs and individual projects. These are of particular interest to developing nation participation and the development of their policies towards collaboration. This paper seeks to explore new economic approaches to valuing space projects and the subsequent benefit to the entities and economies involved as well as the associated policy implications. With new changes in partnership structures and the increased interest and participation of the private sector in space programs, how do private partners participate in a way so as to preserve commercial practises while preserving the space treaties? This paper seeks to explore commercialising and privatising various sectors within the space arena with a focus too on the issues being faced as space flight becomes increasingly commercialised, particularly as sub orbital flights become a reality for members of the public, and what challenges are faced from a policy perspective.