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SOUTH AFRICA SPACE INDUSTRY INDICATORS AND ANALYSIS

Abstract

This paper summarizes the results of a study conducted with the cooperation of the Foundation for Space Development South Africa to define and characterize the space industry in South Africa. Unique access to the industry through the Foundation, in combination with research and analysis from The Tauri Group contribute to an authoritative introduction and overview. A version of these results will be distributed to all IAC 2011 conference attendees. The methodology of the study includes exhaustive open source data review, combined with targeted interviews with leaders in the South African space industry. The results will be compiled and presented in both quantitative and qualitative terms. The industry is depicted in terms of:

- **Overall South African Economy**
- GDP, GNP, overall investment, budget, and natural resources
- Major technology sectors
- Employment and labor force data
- **South African Space Industry**
- Government space budgets
- Commercial space revenues
- Key commercial, civil, and defense policies
- Infrastructure
- Products and services
- Labor force data
- Profiles of major space companies
- Directory of government organizations and personnel with space responsibilities

Additional qualitative sections will summarize particular areas of innovation and interest in the South African space economy. Primary among those are development activities like the Square Kilometer Array radio telescope. Profiles of existing and development activities are characterized by budgets, customers and consortium partners, and their competitive space relative to other options.