



**GEPSD**  
Economic Consulting Inc.

# **Space Agency Budgets**

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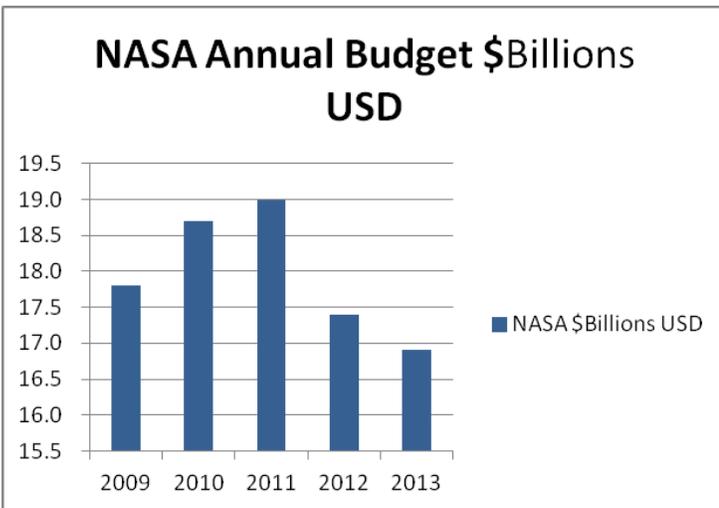
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# Space Development Space Agency Budgets

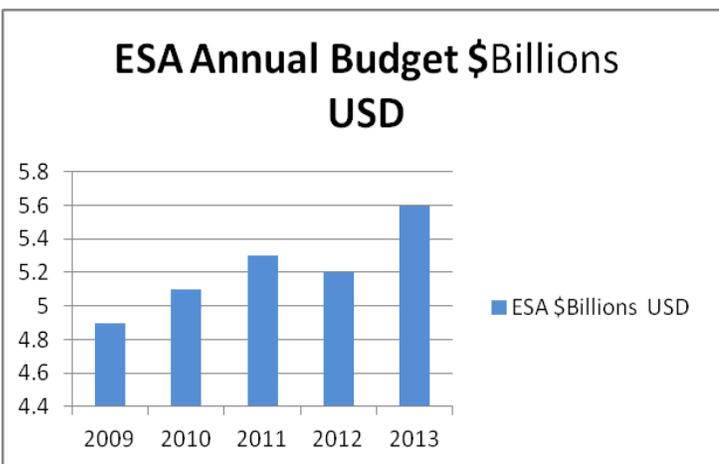
While the world's major space agencies receive significant funding currently from national governments, in order to achieve viable space travel initially within earth's solar system, and eventually solar system to solar system, in a reasonable timeframe, space agencies and companies will require considerably more funding. Hopefully from an implemented GEPSD space financing/funding proposal.

## Major Space Agency Budgets

Currently, for most Space Agency's, their funding is divided between space agency projects and collaborative corporate projects. While it is important and necessary that both corporations and space agencies receive funding for space development. With the limited national funding being received in recent years by space agencies there may be important projects, especially for the space agency's, that end up being pushed to the side or shelved. Should the GEPSD space funding proposal be adopted there should be sufficient funding for both space agencies and corporations for a variety of space development projects and R&D projects. As well the GEPSD space funding model would provide much more than the space agency budgets are allocated currently.

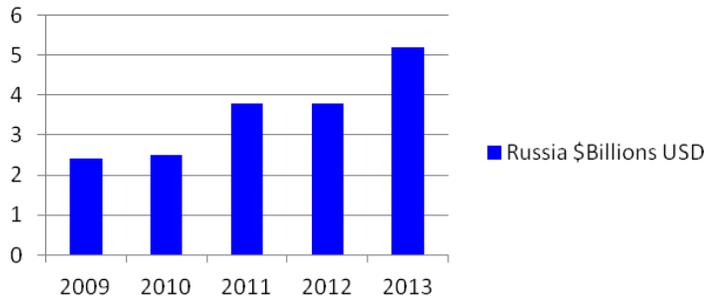


As can be seen from the chart NASA is experiencing some funding shortfalls due to the USA national government budgetary challenges and fiscal constraints.



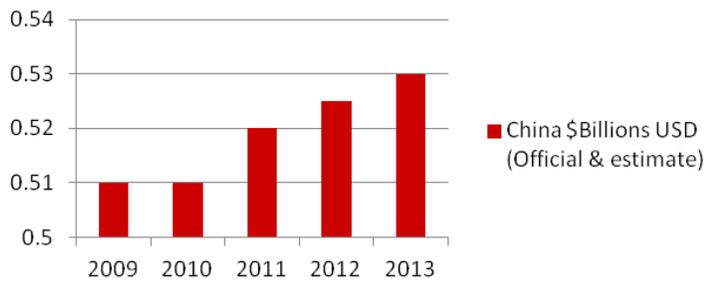
The European Space Agency is benefiting from continued support from the main contributors to ESA even under their own challenging economic conditions. Will this level of funding continue?

### Russia RFSA Annual Budget \$Billions USD



The Russian space program is able to benefit from strong energy resource revenues and a positive fiscal position of the Russian government.

### China CNSA Annual Budget \$Billions USD



The actual China budget numbers may be significantly higher relatively speaking since the cost of labour and services from state-run enterprises may perhaps actually understate costs, on a comparative basis, with for example NASA and EU costing.

This budget data indicated in the chart are estimates based on official budgetary numbers.

There are two other significant national space agencies. They are the Indian Space Research Organisation (ISRO), and the Japan Aerospace Exploration Agency (JAXA). They have been expanding their launch capabilities as well as space programs. However, Japan in particular has pulled back on its expansion plans for JAXA in 2012/3. In addition some EU countries, such as France, have their own space projects which they are engaged with outside the ESA programs.