

Austria in Space

Big Data

Wien, 5. Dezember 2013

ALR-PPT-0336-2013_rev2



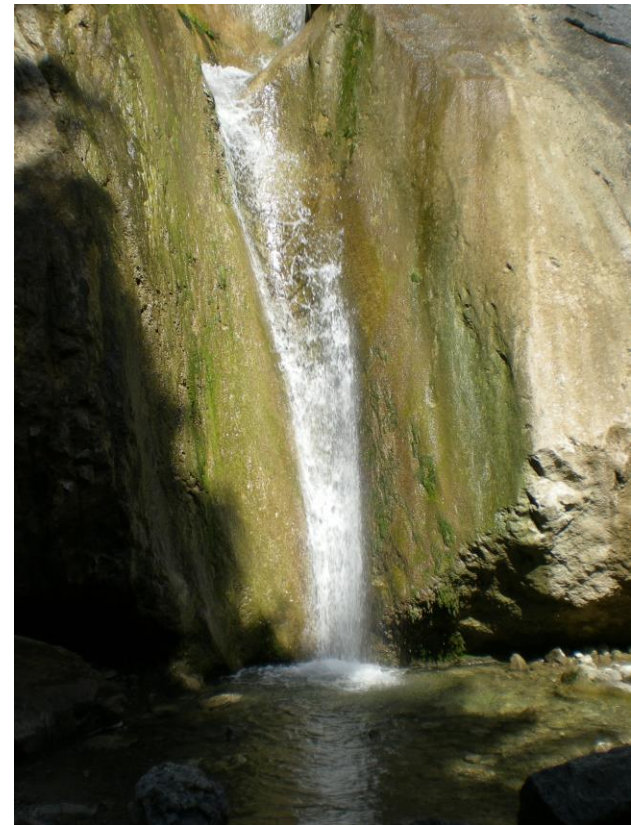
Strategiepapier des bmvit 2012 Weltraum - Zukunftsraum



- **Weltraumaktivitäten nutzen uns allen**
Für die Erde ins All – österreichische Weltraumtätigkeiten orientieren sich am Bedarf der Menschen
- **Ein wettbewerbsfähiger österreichischer Raumfahrtsektor**
Raumfahrt als Motor wirtschaftlicher Entwicklung
- **Die Wissenschaft braucht den Weltraum**
Weltraumforschung öffnet das Tor zum Verständnis des Universums und der Erde
- **Österreich als international anerkannter und sichtbarer Partner in Europa**
Eine gemeinsame politische Agenda Europas im internationalen Kontext



- Building up the Infrastructure of the 21st century and providing services to everybody
 - Water
 - Land Usage
 - Emergency Management
 - Weather and Climate Change
 - Alpine Regions
 - Transport
 - energy
 - Environment
 - Space Weather
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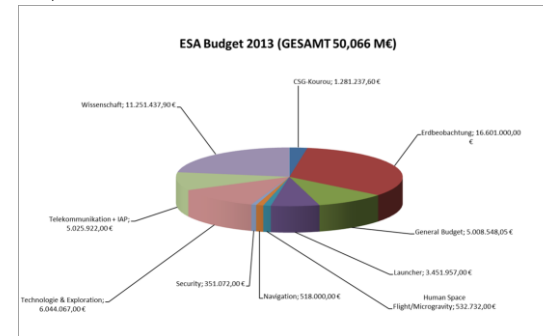
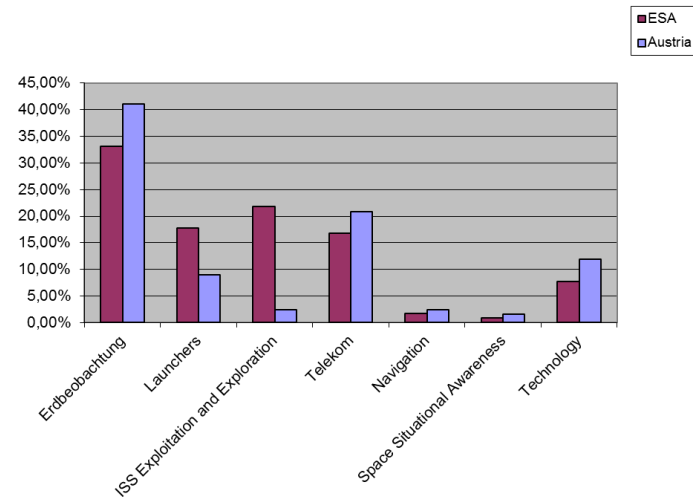


A competitive industrial Sector



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- Competitive Industry embedded in AT landscape aiming for growth and jobs
- Activities along the whole value added chain
- International visibility and competitiveness
- Support via technological development in ESA as well as ASAP in order to support the growth of the past



- ESA as well as bilateral cooperations
 - Planetology, Exoplanets, Cosmology
 - Plasmaphysics, Magnetosphere
 - Geophysics (Athmosphere, Hydrology, Gravity Field, ..)
 - Climate Research
 - Quantum Physics
 - ...
 - Education and Outreach
 - Aerospace Engineering
 - Space Science and Earth from Space
 - Geospatial Technologies
 - Summerschool Alpbach



Space as an international endeavour

- AT Space activities are integral part of our national innovation system
 - ESA contribution
 - EU Programs
 - National Program ASAP as leveraging instrument
 - EUMETSAT contribution for operational services
- Contribution to ESA as the main instrument to realize national ambitions
- International cooperation is key
 - United Nations
 - ESPI
 - Space Law – NPOC et al



ESPI Governance

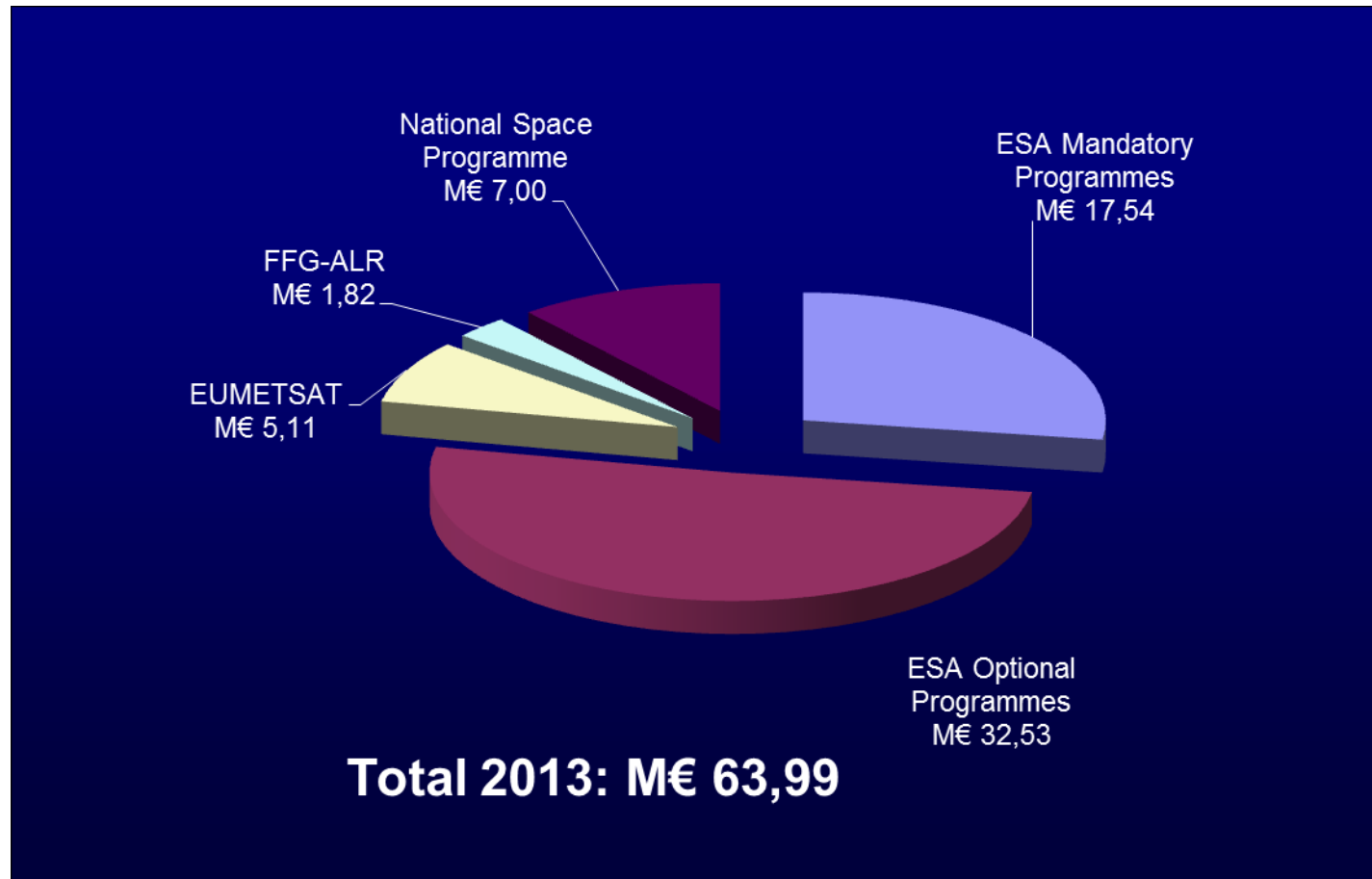
2002 created as a European think tank by a decision of the Member States of ESA
2003 set up as an association under Austrian law in Vienna

ESPI Members	Advisory Council	ESPI Partners
Founding Members 	<ul style="list-style-type: none">- Herbert Algeier- Frank Asbeck- Alvaro Azcárraga- Frances Brown- Alain Gaubert- Leen Hordijk- Peter Jankowitsch- Ulrike Landfester- André Lebeau- Alfredo Roma 	
Members 	European Space Policy Research and Academic Network (ESPRAN) coordinated by ESPI 	
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AT Spacebudget 2013



The Sound of Innovation



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THANK YOU FOR YOUR ATTENTION

