

## Space Summit Proposals

PROGRAM PROPOSALS	TIME FRAME	TARGET SUBSCRIPTIONS (€ Millions)
<b>A. Level of resources for mandatory activities</b>		In current economic conditions (e.c.) over the period 2009-13
<b>a. Scientific Program</b>	2009-13	2,327
<b>b. Basic activities:</b> -General Studies, Technology Transfer Program, Earthnet, Education and Corporate/ Administrative activities	2009-13	1,117
<b>B. Optional programs</b>		In 2008 economic conditions
<b>Launchers</b> - CSG Funding - Ariane 5 ARTA - Ariane 5 post ECA (phase 1) - Vega VERTA - Future Launchers Prep. Prog. 2.2	2009-13 2011-13 2009-11 2011-12 2009-12	391 585 340 120 200
<b>Earth Observation</b> - GMES SC Segment 2 - Meteosat (3rd generation) - ECV-Climate Change Initiative	2009-18 2009-20 2009-14	857 860 70
<b>Human spaceflight/ Microgravity/ Human Exploration</b> - ISS Exploitation P3 - ISS Evolution - ISS ELIPS P3 - Transportation & human exploration (including early activities for transportation)	2008-12 2008-12 2008-12 2008-11	1,376 74 220 160
<b>Exploration</b> - Enhanced ExoMars - Mars Robotic Exploration	2006-18 2009-12	1,023 (*) 20
<b>Telecom and Integrated Applications</b> ARTES (period 3): - ARTES 1 (preparatory activities); 3-4 and 5 (technology and applications); 8 extension (Alphabus/Alphasat), 11 extension (Small GEO) - ARTES 7 (EDRS) - ARTES 10 (Iris, phase 2.1) - ARTES 20 (IAP)	2009-13 2009-13 2009-11 2009-13	915
<b>Satellite Navigation</b> - GNSS evolution extension (EGEP)	2009-11	78
<b>Space Situational Awareness</b> -Space debris, space weather, radar bread-boarding, pilot data centers	2009-11	55
<b>Technology</b> - GSTP phase 5	2009-13	400

(\*)The given total will be decreased by €663 million already contributed in 2005 (at 2006 e.c., equivalent to €691 million at 2008 e.c.)- The total "value" of the Enhanced ExoMars mission is €1.223 billion, with about €200 million expected to be offset by international cooperation agreements and simplification of the mission. Contributions will remain open to participating member states until fall 2009.

Source: European Space Agency