

The Global Exploration Strategy

Framework for Coordination

As a result international discussions
during 2006,

ASI, BNSC, CNES, CNSA, CSA, CSIRO, DLR,
ESA, ISRO, JAXA, KARI, NASA, NSAU, and
ROSCOSMOS

Produced a common set of space
exploration themes

Space Exploration Themes

- New Knowledge in Science and Technology
- A Sustained Presence – Extending Human Frontiers
- Economic Expansion
- A Global Partnership
- Inspiration and Education

The Global Exploration Strategy

Recognizing that space exploration is a challenge that no one nation can do on its own..

GES offers:

1. A vision for robotic and human space exploration
2. A voluntary framework to develop collaboration

GES Features

- A voluntary, non-binding mechanism
- Not a proposal for a single program
- Open to new participants
- Sets stage for development of an
“international coordination mechanism”

Future Coordination Mechanism

- Space exploration coordination should be based on:
 - Openness and inclusiveness
 - Flexibility and evolutionary approach
 - Effectiveness
 - Establishment of mutual interest

Next Steps

- Further definition of the space exploration coordination mechanism by interested space agencies
- International space exploration conference in Berlin in November 2007

Exploration's Driving Factors

- Human Civilization
- Quest for new knowledge and technology
- Global partnership
- Economic expansion
- Public engagement

Benefits and Opportunities

- Social Benefits
 - Better understanding of the Earth
 - New applications to support sustainable development and improve life on Earth
- Economic Benefits
 - Entrepreneurial opportunities
 - Creation of new business
 - Shared cost of exploration

Benefits and Opportunities

- Political Benefits
 - Strengthening of international partnerships
 - New partnerships in peaceful endeavor
- Intellectual Benefits
 - New science discoveries
 - Inspiration and education of next generation of scientists and explorers
 - Opportunities for Scientist-Scientist collaboration

*Each agency that has contributed to the **Global Exploration Strategy** shares the vision and invites other agencies or institutional bodies around the world to join them in translating the vision to reality.*

http://www.nasa.gov/pdf/178109main_ges_framework.pdf