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Space and Science in the context of the European Space Policy

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PART III THE POLICIES AND FUNCTIONING OF THE UNION

SECTION 9 RESEARCH AND TECHNOLOGICAL DEVELOPMENT AND SPACE

1. To promote scientific and technical progress, industrial competitiveness and the implementation of its policies, the Union shall draw up a **European space policy**. To this end, it may promote joint initiatives, support research and technological development and coordinate the efforts needed for the **exploration and exploitation of space**.
2. To contribute to attaining the objectives referred to in paragraph 1, European laws or framework laws shall establish the necessary measures, which may take the form of a **European space programme**.
3. The Union shall embrace any appropriate relations with the European Space Agency

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Why a EU Space Policy? (1/2)

- Common objectives with a common plan
- Extended co-ordination & co-operation in Europe
- Coherence, elimination of unnecessary duplication
- Bring together all stakeholders: public & private
- Being a strong and credible partner in international co-operation

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Why a EU Space Policy? (2/2)

- Invest in the knowledge economy
- Sustainable development
- Take a larger role in the world
- Fight poverty & aid development
- Security for citizens

⇒ **federating the citizens' demand and policies' needs**

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EU political vision on space exploration

- **The Challenge** (in the spirit of the Lisbon's strategy)
 - push forward the boundaries of human capabilities
 - explore beyond the limits of today's knowledge
 - inspire the coming generation

- **The Opportunity**

To prepare Europe for a possible contribution to future exploration of the solar system (to be performed in an international context).

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Wise Persons Group

Mandate

“The group will deliver within 12 months a vision for space exploration as a basis for EC and ESA to examine the potential feasibility, costs and opportunity for Europe to participate in the exploration of the solar system by mankind.”

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Initial institutional view on space exploration: The European Parliament

- Essential to cement and extend the traditional cooperation with the US
- Necessary to clarify what role is assigned to ISS
- Take part in the installation of Soyuz system at the European base of Kourou
- Fundamental for Europe to be a full partner in international manned flight projects.

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Initial institutional view on space exploration: European Economic and Social Committee

- Activity justified by the humankind's deeply rooted desire for adventure
- Need for symbols that can stimulate and maintain public interest
- Realistic programmes should be devised, based on global co-operation

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Initial Reflection on EU contribution (1/3)

Space exploration: a priority for the European citizen
?

Opportunities to take into account:

- technological challenge
- cultural challenge
- human endeavor

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Initial Reflection on EU contribution (2/3)

- Europe speaking with a single voice
- Not only Europe but the whole space community would benefit from a solid European position.

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Initial Reflection on EU contribution (3/3)

- The EU would consider an exploratory programme if:
 - the civil society is positive
 - there is a clear international strategy

Any international space exploration programme should be based on the following guidelines

- worldwide endeavor
- robust and adaptable programme

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Themes for discussion with partners

- Exchange information on Visions for Space exploration
- Identify possibilities for cooperation
- Stimulate interoperability
- Agree International Standards
- Define common policy elements
(space transportation policy, ...)
- Identify Drivers for Exploration
- ...

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Commission's initial reactions on President Bush's vision

- Welcome of the renewed American interest for space exploration
- Space exploration as a possible emblematic project for international cooperation
- Avoid discontinuity for some ongoing international projects like the ISS
- Europe will be a solid and credible international partner only by being a space power itself.

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The new Commission

- Space and Security-related research to Commissioner for Enterprise and Industry
- Responsibility of Vice President
- Seventh Framework Programme
- Financial Perspectives
- EU-ESA Framework Agreement
- Space Council

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Earth and Space Week

Brussels, 12-20 February 2005

- GEO
- EO Summit
- International Conference
- Exhibition and events



An opportunity to address the concept of an international strategy for space cooperation

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