

## PILOT PROJECT

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## Background

- This is the next R&D phase of the ESA initiative for the study of a space weather programme.
- The feasibility study has shown:
  - Strong European assets.
  - Rationale for a Programme exists.
  - Benefits and markets are spread over several disconnected domains.
  - Uncertainty of value of benefits
  - Customer base is sub-critical
  - European data are under-used in Europe.



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## Objectives

- Expand the market of space weather data by investigating new or consolidating initiated customer-service provider schemes.
- Federate these embryonic activities in a common network and develop the IT infrastructure for it.
- Encourage synergy between various users and service providers.
- Assess users requirement for future space based measurements.
- Get better data on value of services



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## Possible Approach

- Contracts to pairs user-service provider in co-funding.
- Attend user meetings (in conjunction with COST?).
- Provide inputs to cost-benefit analysis
- Provide inputs to analysis of requirements to future system.
- A common IT infrastructure will be developed.



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## Related Activities (cf Roadmap for details)

- A task force for preparing Pilot-Project;
- a market analysis study shall be performed including trends.
- a phase-A study of a space segment of a space weather programme.
- It is expected that the above two studies will start after the start of the PP.
- Other activities in ESA and Member states.
- New structures including a formal network of centres shall be established.



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## Schedule

- Task force: Now – 01-02-2002
- Start of PP: T0 (~03-2002)
- Start of IT infrastructure: T0
- Cost-benefits: T0+12 months-T0+24 months.
- Assess requirements for space system: T0+24.
- Evaluation and transition to future structure: T0+24-T0+36.



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