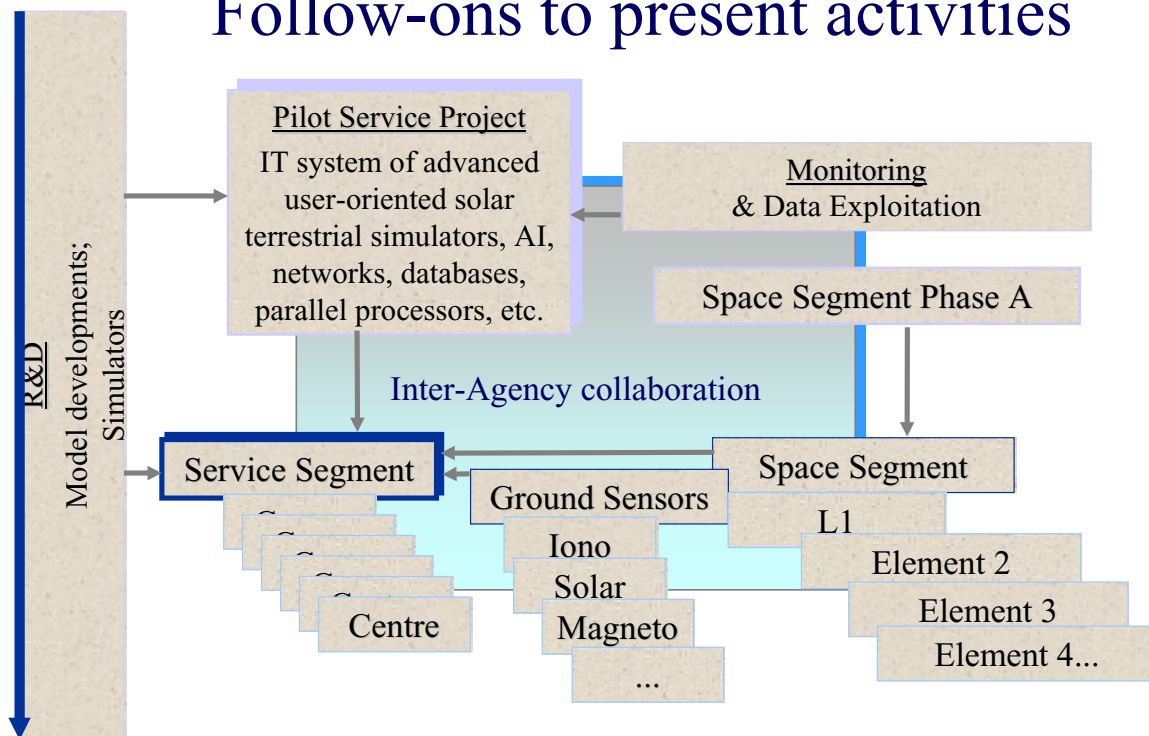


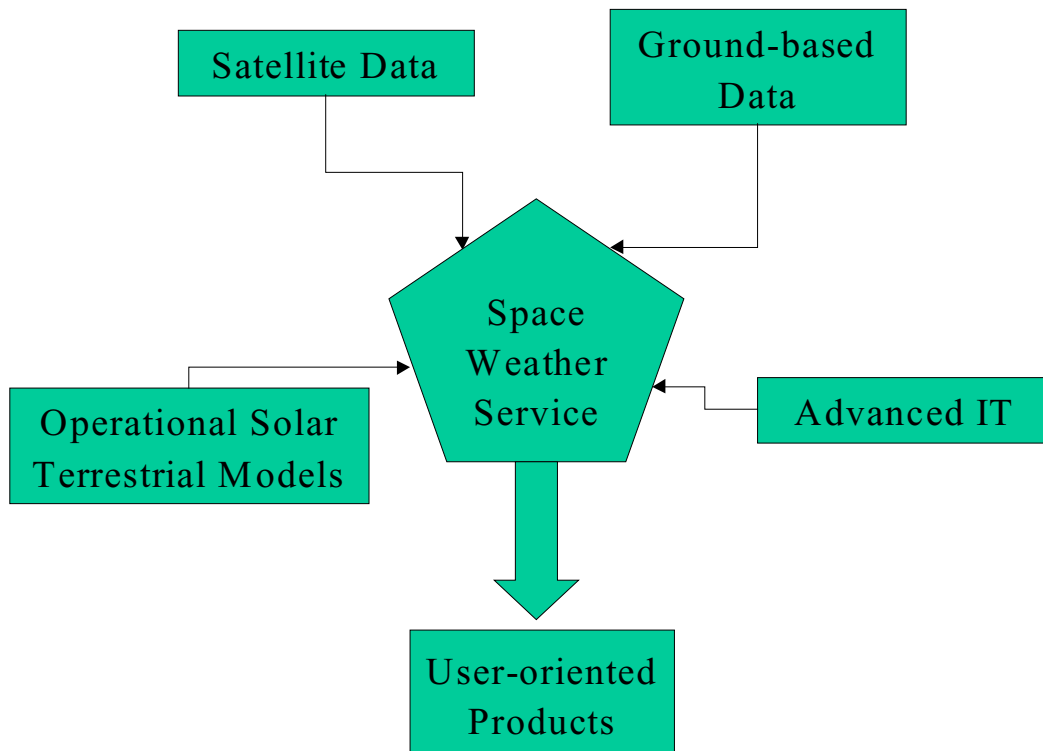
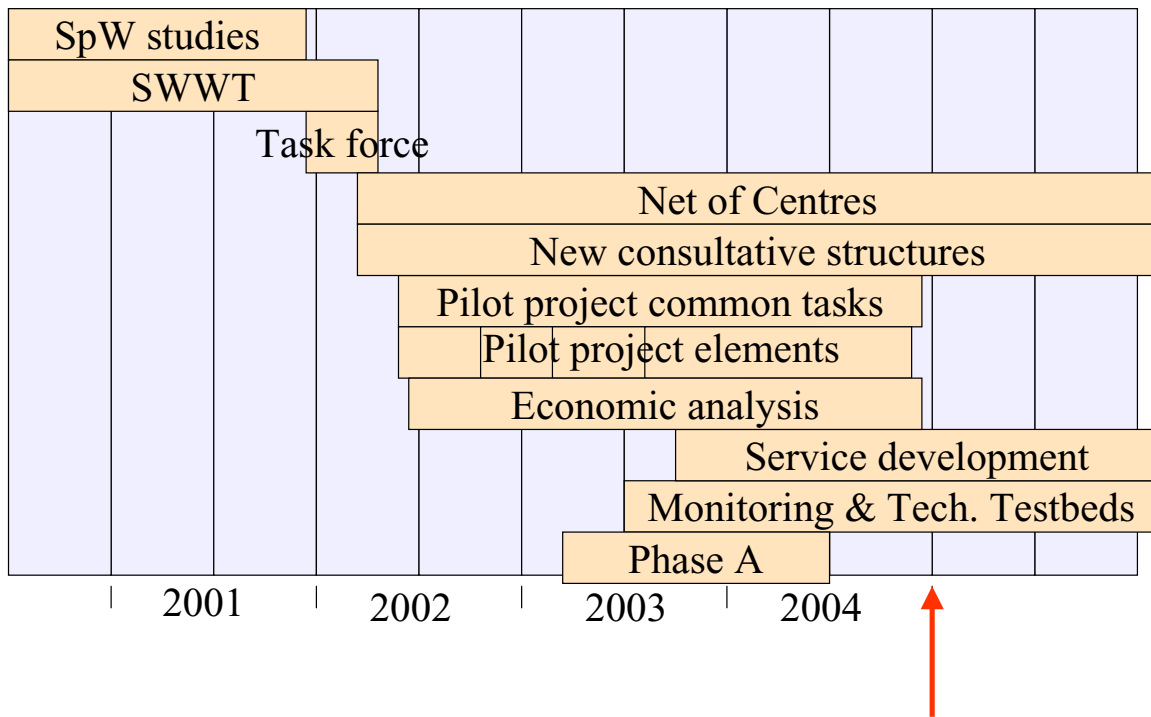
Follow-ons to present activities



Roadmap

- 6-7 Dec final presentations
- 17-19 workshop -> recommendations SWWT and ESA strategy
- probably:
 - transition phase SWWT+task team
 - -> definition of structure of pilot project (infrastructure; components; funding/contracting arrangements)
 - a pilot project starts 2002Q3
 - an economic analysis
 - a phase A
- New structures established 2002Q2, and should run/monitor:
 - Network of Centres
 - European Space Weather Forum
 - Federation of national activities

roadmap



Issues (to be addressed)

- role of ESA
(even: should ESA play ANY further role?)
 - ESA acts as co-ordinator; executes PP; prepares proposal; establish partnerships
- role of member state Agencies
 - bring activities to network; co-fund optional programme (e.g. GSTP)
- content of (long-term) proposal (+3 years?) w.r.t.:
 - space segment
 - service segment
- preparation strategy (pilot, experiments, service establishment)
 - to be established by ESA + task force

Issues

- Scale of eventual proposal (Full-blown; Partial; Minimal?)
- Content (Space Segment; R&D)
- Phasing (Pre-operational constructs,...)
- Initial activities (Pilot Project...)
- Co-ordination mechanisms
- Data policy
- ...

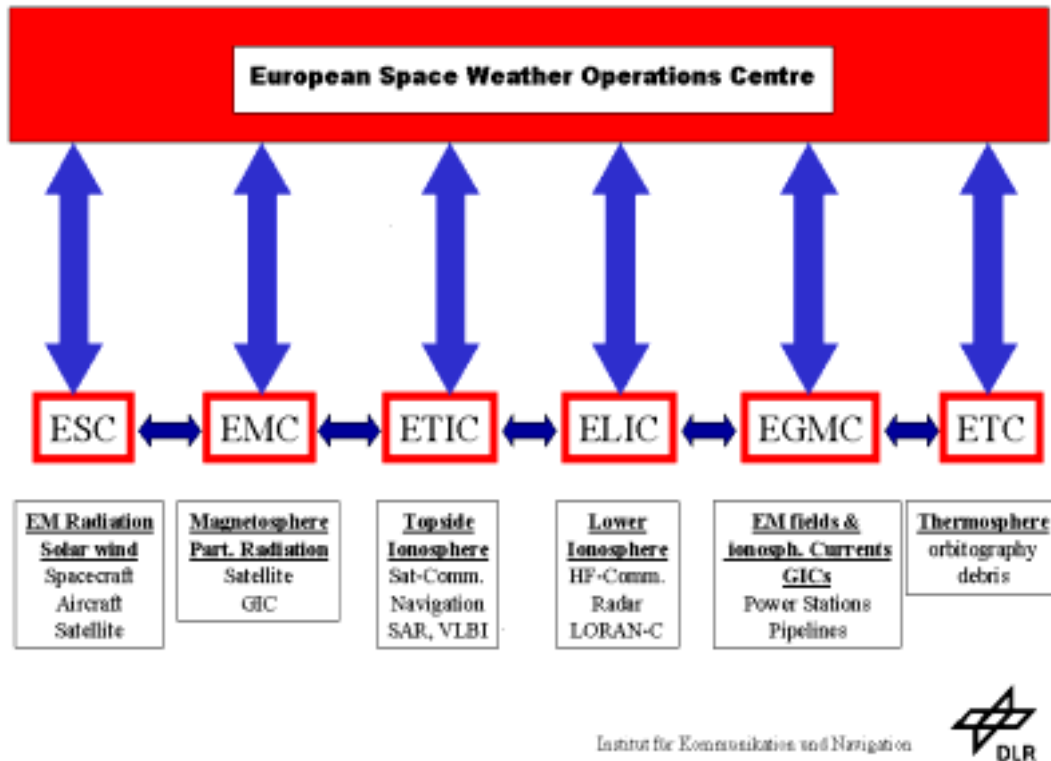
Immediate Activities

- In-orbit Monitoring (eg low cost monitors) exploitation
- Use of Existing and Planned In-Orbit Assets (Science (usual caveat), others)
- Use of Existing Ground Assets (highly relevant European resources)
- User Services, System Integration - A Pilot Project
 - establishment of the informatics infrastructure, the data assimilation system and the physical models to be implemented, (e.g. models of the physical processes in the sun-earth system and artificial intelligence systems to predict the consequences of observed on-set of space weather events)
 - + existing services and the data sources mentioned above will be used and promoted within this development.
 - = a *pilot project*, which will lead on to the establishment of the pre-operational space weather service segment.
- World-Wide Collaboration
(US agencies (NASA, NOAA, DoD), Japanese agencies (ISAS, NASDA, CRL), and to a lesser extent, Russian agencies. Furthermore, the EU, Eumetsat and other multinational European agencies may need to be involved.)

2 consortia views on organisation

- Alcatel: strong central co-ordination
 - Space Weather Centre
 - expert centres;
- RAL: no overarching service?
 - Space weather outreach (youth/ decision makers)
 - space weather research group (scientists)
 - self standing services
 - federation
 - 5 candidate focussed services (no forecasts)

SWWT discussion



Preparatory Phase

- updating of the briefing pack based on the review of the ESA space weather study contract;
- contacts with national delegations to present the output of the study and gauging the extent of national contributions to the pilot project and/or NoC;
- prospect for existing interested and committed users in particular geographic or domain areas and establishing potential sources of co-funding;
- Identify co-funding sources for the pilot-project.