

GOSIS

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GMES Organisational and System Integration Scenarios

GMES GOVERNANCE

The GOSIS project provided assistance to the European Commission in preparing for operational Global Monitoring for Environment and Security (GMES). In particular, GOSIS focused on the organisational aspects of GMES, i.e. how GMES will deliver its services and infrastructure components, who should be involved, what are the relationships between players, what governance and funding sources to use.

ASPECTS OF GMES STUDIED

- An analysis of "GMES communities" – groups of existing users of geo-information for environmental and security purposes who could benefit from GMES services and infrastructure, such as the oceans, land, civil protection, and humanitarian aid and security communities;
- An examination of a wide range of potential governance structures for GMES;
- Investigation of a range of related communities such as meteorology and related initiatives and programmes (e.g. INSPIRE, EIONET);
- Development of a generic value chain for GMES information services and mapping of the GMES fast-track projects;
- Introduction and discussion about a system of systems engineering approach, with the phased integration of new and legacy systems at European and Member State level.
- A legal study to provide more insight into GMES institutional and scoping scenarios, particularly in the context of satellite data;
- The development of three possible governance models based on the balance of functions between the different key organisations involved in GMES.

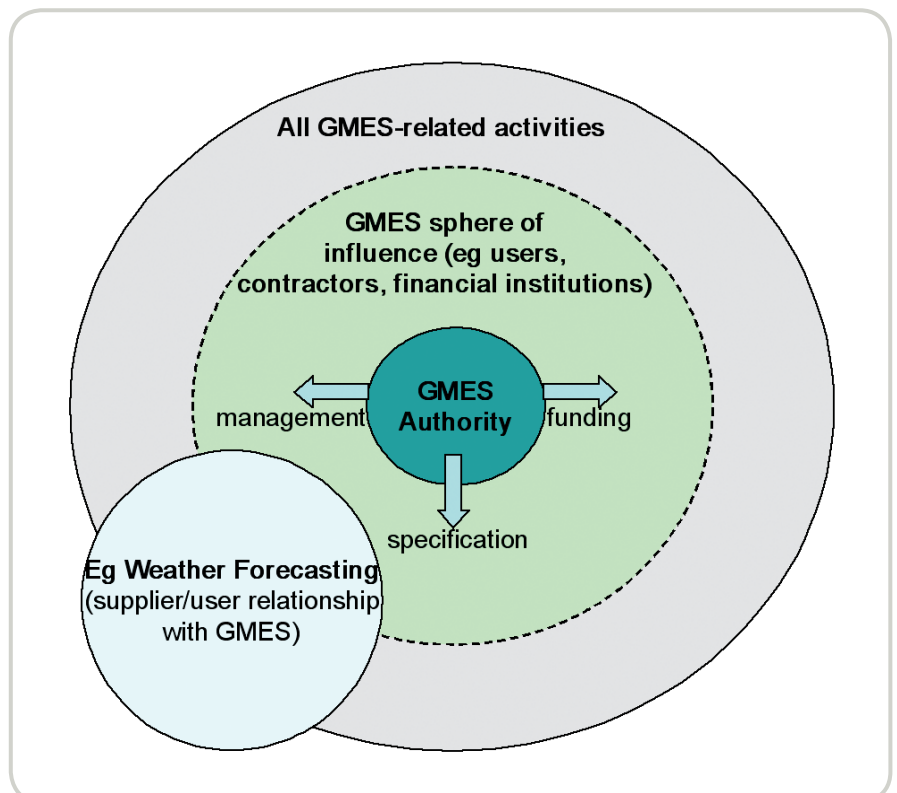
THREE MODELS FOR GMES GOVERNANCE

After consideration of a wide range of options, the project has presented three potential models for GMES, in particular looking at the role of a central GMES management body - the GMES Authority - and its interfaces and integration with other key players in the GMES domain. The models all acknowledge the need to integrate new and legacy systems and work with a range of user and provider organisations in Europe.

In the Centralised Model the GMES Authority effectively becomes synonymous with GMES itself. The key assumptions in this model are that the GMES Authority manages all GMES funds and as such has overall political, managerial and technical responsibility for the programme.

The Current Competences Model sees the GMES Authority working in partnership and networking with a large range of supplier and user organisations.

In the Services Centric Model the GMES Authority is primarily a coordination body between a number of baseline service providers. The main funding, managerial and technical roles are channelled through the service organisations.



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Integration Scenarios
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