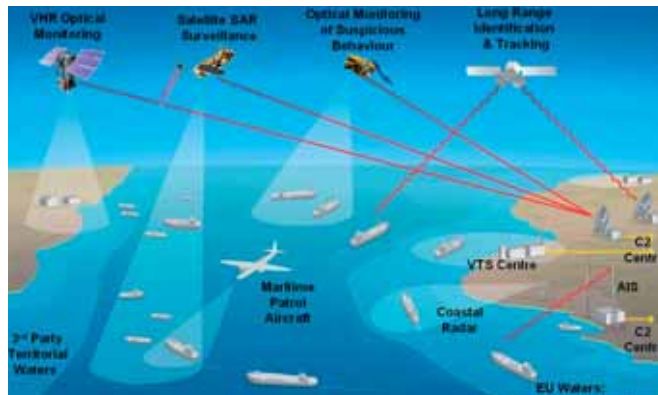
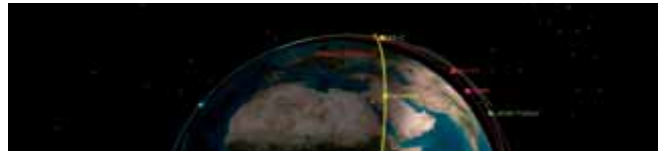


Global Monitoring for Environment and Security

Global Monitoring for Environment and Security (GMES) is a joint initiative of the European Commission and the European Space Agency (ESA).

Based on existing earth observation technologies an independent infrastructure is being created in Europe, which provides operational information services for environmental monitoring and civil security.

All services are adapted to the requirements of the user and have their main areas of application in the fields of environment, climate change, sustainable development, humanitarian aid and security related topics.



Partners



CIS GmbH



Consinto GmbH



Deutsches Zentrum für Luft- und Raumfahrt,
Deutsches Fernerkundungsdatenzentrum



DVZ Datenverarbeitungszentrum
Mecklenburg-Vorpommern GmbH



Fraunhofer-Institut für Grafische
Datenverarbeitung IGD



GeoMV e.V.



GTA Geoinformatik GmbH



Leibniz-Institut für Ostseeforschung
Warnemünde



Scheller Systemtechnik GmbH



Steinbeis-Transferzentrum Geoinformatik
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GMES-MV Network

Innovation Network for Development,
Utilization and Application of Satellite-Based
Earth Observation Services



Objectives of the GMES Initiative

- | Development of an independent European system for environmental and security monitoring
- | Linking of satellite, remote sensing and terrestrial based observation systems
- | Provision of user-friendly earth observation services
- | Creation of a European market for innovative services
- | Support of efficient and comprehensible political decisions in Europe
- | Support of the fulfillment of legal tasks and EU/UN reporting requirements in environmental management and spatial planning, transportation and civil defence, as well as disaster management

GMES-MV Network

- | Market-oriented development of the potentials of GMES technologies
- | Focus and enhancement of partner skills
- | Platform for technology transfer
- | Support of and inspiration for research and development projects
- | Marketing of GMES technologies and competences of regional companies and research institutes

Main Focus in Mecklenburg-Vorpommern

Development, implementation and operation of satellite-based realtime space services for:

- | Maritime systems and maritime security
- | Environmental applications
- | Emergency management
- | Applications for agriculture and forestry
- | Space Weather Application Center Ionosphere (SWACI)

Calibration and validation of remote sensing missions and sensors.

Photos: DLR, Leibniz-Institut für Ostseeforschung, DVZ Mecklenburg-Vorpommern, Steinbeis-Transferzentrum Geoinformatik Rostock

