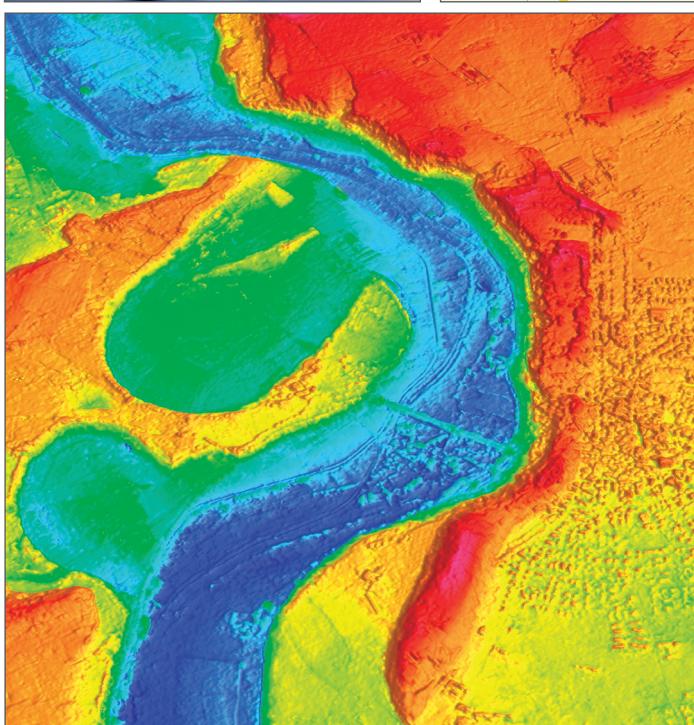
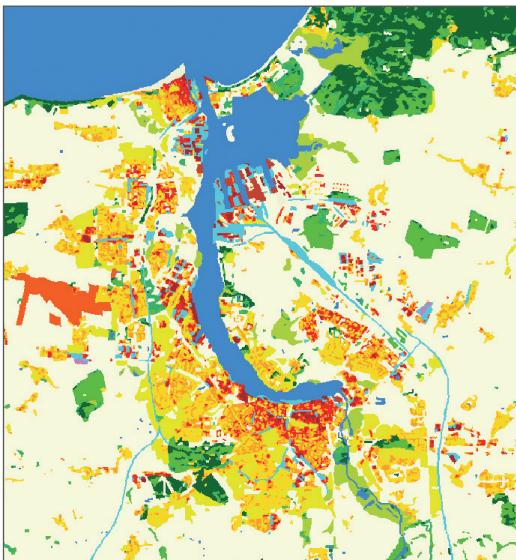
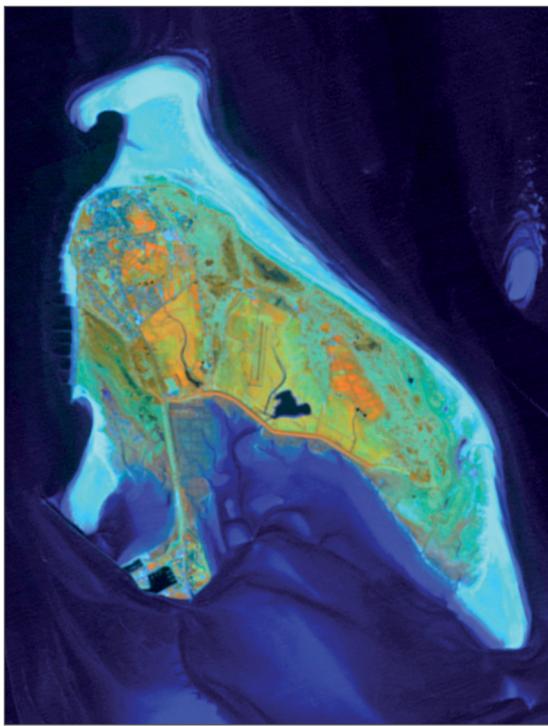




## Geoinformation and more



## Our Service Portfolio

**Expertise and complete solutions from a single source**

Based on many years of expertise and experience in the fields of geo-information, remote sensing, GIS, information and communication technology, GAF AG (GAF) provides its customers with highly efficient and powerful solutions that are at the same time comprehensive and customised to specific needs. GAF offers fully integrated technical and institutional assistance and management consultancy underpinned by services and products which include geo-data procurement, the provision of standard products and recurrent services, as well as comprehensive IT solutions.

In this context, GAF has identified and developed a portfolio for the following key areas:

## Geo-Data Store and Data Reception

- One-stop-shop for earth observation data
- Land cover and land use data
- Digital elevation and surface models
- Bathymetry

## Data Processing

- Digital image processing
- Mapping and monitoring
- Digital cartography and map production
- Virtual reality 3D/4D

Spatial Information Systems

- System analysis, integration and migration
- GIS/DB design and implementation
- Application development
- Spatial data structure concepts

## Integrated Satellite Services

- Combination of space & non-space technologies
- Integration of satellite communication, navigation and earth observation

## Geo-Software

- Development of customized spatial software
- Desktop-, Web- and mobile-GIS
- Geo-webservices, SDI-development
- 3D and virtual reality

## Management Consulting and Training

- Project requirements analysis, definition, supervision and management
- Sector and process analysis
- Professional and institutional consulting
- Training and knowledge transfer





## The Company

GAF was founded as a private sector enterprise by Dr. Rupert Haydn in Munich in 1985. Since then, it has developed from being a value-adding company within the sphere of remote sensing and digital image processing into an internationally active company with leading competence and global experience in management consultancy, development assistance, earth observation, information systems and spatial software development.

GAF is part of the Telespazio Group, which constitutes a multinational network, and is strategically embedded in the Space Alliance consisting of the European high-tech leaders Leonardo and Thales.

Today, GAF is globally active and has an international reputation as a competent provider of project design, management and implementation services to private and public clients. GAF has set new standards in quality, competence and reliability, while simultaneously developing a high-performance and multi-disciplinary range of products and services.

GAF's interdisciplinary team comprises highly qualified individuals with professional experience in geoinformation and information technology, disposing a mix of educational backgrounds in geography, geology, agriculture, forestry, cartography, informatics, surveying and land management. GAF employs more than 220 professionals.

## Our Philosophy

GAF's mission is always to develop products and services that exactly match the needs of the customers and the market, and that exceed the expectations of users and recipients. Today, the firm is proud of its developments and solutions, which guarantee its clients customised and often unrivalled products and services, and which therefore also document and reflect the leading technological position of the company.

The company's service philosophy is based on the following key principles:

- Listening carefully to clients and providing individual solutions
- The provision of integrated and demand-oriented solutions
- Being attentive to market developments and policy directives
- The development and implementation of sustainable solutions
- Continuous enhancement of the in-house quality management system
- A particular focus on technical excellence and customer satisfaction



## Market Segments

Multi-disciplined and multi-facetted analytical approaches have enabled GAF to recognise and satisfy customer needs both in the public and the private sector.

While in the private sector the majority of geo-information needs are driven by innovation and products, development in the public sector is controlled mainly by national and international policies. These processes are intimately linked to the concerns of governments and international organizations, as well as the interests of and issues faced by global citizens.

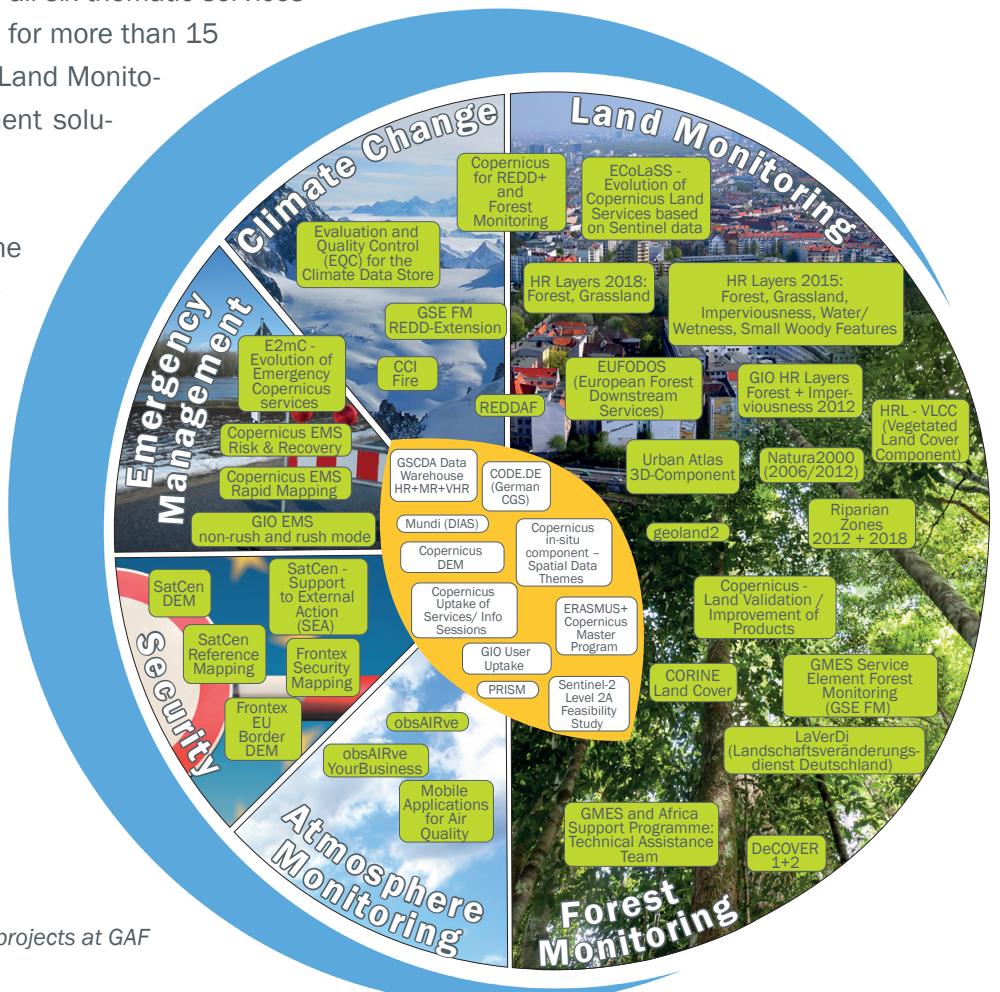
In the past three decades since its founding GAF has constantly developed and addressed new business sectors (see opposite page). At the same time, the company has continuously and systematically expanded its production, application and consulting capacities to fully match the needs of the market.

## Focus on Copernicus

The European Earth observation programme Copernicus aims at ensuring a reliable and sustainable provision of global data and information products on environmental, climate and security related issues.

GAF is significantly involved in all six thematic services of the Copernicus programme for more than 15 years, with a strong focus on Land Monitoring and Emergency Management solutions.

Meanwhile GAF is one of the most important European service providers in the Copernicus programme, capitalising on its long-standing experience and leading role in operational earth observation applications.



## Public Sector

### **Mineral Sector Reform**

geological mapping, geological and sub-surface information systems, mineral/hydrocarbon cadastres, capacity development

### **Nature Resources Management**

biodiversity, habitat and sensitivity mapping, change detection, sustainability and impact assessment, Decision Support Systems (DSS)

### **Forestry Policy**

land cover, land type and forest mapping, monitoring, modelling, climate change, REDD

### **Agricultural Policy**

subsidy controls, production statistics, cadastres, software

### **Defence/Military**

geo-data, GIS, topographic feature mapping, software development

### **Coastal Zone Management/Marine**

mapping and GIS, Environmental Sensitivity Index (ESI) mapping and oil spill monitoring

### **Civil Security**

subsidence and rapid mapping, flood information systems, navigation and rescue systems, emergency mapping services (24/7)

### **Water Management**

water resources mapping and monitoring, modelling, integrated and trans-boundary water resources management

### **Air Quality**

monitoring and forecasting, information dissemination (web mapping, apps...)

### **Border Information**

boundary mapping, border management and monitoring, information systems

### **Land Management**

technical processes in land administration, land use management and land development, information systems

## Private Sector

### **Utility/Infrastructure**

network information, mapping and management information systems

### **Media/Press**

3D visualisation, rapid mapping

### **Oil/Gas/Mining**

exploration mapping, GIS, geo-data, Digital Terrain Models (DTM)

### **Telecommunication**

land cover and DTM data

### **Telematics/Automotive Industry**

software, geodata, geomarketing, fleet management

### **Insurance/Banks**

damage mapping, vulnerability assessment, tailor-made software development



## Company Data

**Company name:**

GAF AG

**Managing Director (Vorstand):**

Philippe Moreels

**Supervisory board:**

Bruno Versini (Chairman)

**Type of business:**

- Geo-data Store and Data Reception
- Data Processing
- Spatial Information Systems
- Integrated Satellite Services
- Geo-Software
- Management Consulting and Training

**Affiliated to:**

e-GEOS S.p.A., Matera, Italy,  
a Telespazio S.p.A/ASI company,  
member of Leonardo/Thales Space Alliance

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an e-GEOS (ASI / Telespazio) Company

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