

\*\*\*\*\* GAF Information Note \*\*\*\*\*

## GAF established a Geo-data Management System for the Geological Survey Department of Malawi

In January 2018, GAF successfully established a Geological Data Management and Information system (GDMIS) for the Ministry of Natural Resources, Energy & Mining in Malawi.

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A modern and reliable management of geological and mining data is an essential asset to better understand existing natural resources, recognize mineral potentials, and attract investments of the extractive industry. The GDMIS project, funded by the World Bank Group, established such a management and geographic information system for the Geological Survey Department (GSD) of Malawi. The system is based on web-technology, allowing the administration and evaluation of non-public data (Intranet) and the promotion of public data (Internet) to attract potential investors of the extractive industry. The new website will be published soon – after pending clearance of some data copyright issues.

Currently, the GSD holds approximately one Terabyte of digital geo-data and digitized documents. Additional data will be available in the near future from ongoing field works. The new system is the main tool to publish, archive, manage, evaluate, and cross-relate the various information layers. In particular, the geographic information system (GIS) component of the system allows the combined analysis of spatial and attributive data. This is of major importance for the identification of prospects for mineral deposits.

GAF, a German technical consultancy company, used its modular and scalable software GeMinIS (Geological and Mineral Information System, <https://www.gaf.de/content/geminis>) to realize this project. GAF proved once more its capacities in technical consulting for the implementation of complex spatial data management projects.



*Meeting of project partners for a technical workshop.*

**About GAF**

GAF AG is an e-GEOS (Telespazio/ASI) company located in Munich and Neustrelitz, Germany. It is a leading geo-solutions provider with an international reputation as a skilled supplier of data, products and services in the fields of geo-information, satellite remote sensing, GIS and consulting for private and public clients. GAF offers geo-solutions in the sectors of mining and geology, natural resources, water and environment, security, land management, agriculture, forestry, and climate change. Since 1985, the company has been active in more than 1000 projects worldwide. For more information, please visit <https://www.gaf.de>.

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