

The electronic Mining Cadaster framework

About eMC+

eMC+ encompasses GAF's framework for providing Mining Cadaster authorities worldwide with a complete package of services and a platform tailored to the specific requirements of the cadaster domain. eMC+ enables you to increase institutional capacities and efficiency by delivering a comprehensive mineral tenure management solution.

eMC+ key components

Extensible software platform



The eMC+ platform includes a scalable, open, and GIS- and web- based mineral tenure management platform with configurable workflows and business rules. Through its modular design, it allows you to establish a tailored solution by only selecting the components that are actually needed. eMC+ provides an efficient way to manage mineral tenures.

Tailored services



The eMC+ framework provides all services relevant to a sustainable implementation of a modern Mining Cadaster. Whether it is the analysis of the legal basis or procedures, requirements specification, data consolidation and migration, or capacity building: eMC+ delivers the support and helps strengthening the capacities of your organization.

Six steps towards a modern electronic Mining Cadaster

From our experience in the implementation of electronic Mining Cadasters in complex mineral sector environments we learned that a clear development path is the key element to success. Our framework for implementing modern Mining Cadasters is aligned to a **six steps** approach. These steps cover all aspects from the analysis of the legal basis to system implementation to capacity building.



1. Review and analysis of the legal requirements



2. Analysis of cadastral procedures and business processes



3. Assessment of IT environment and human resources



4. Configuration of workflows and software adaptation



5. Data consolidation, quality control, and migration



6. Institutional strengthening and capacity building

Main benefits

- Increased business efficiency and overall quality of services
- Improved attractiveness and confidence for investors through advanced transparency
- Enhances customer care and accelerated workflow management
- Facilitated revenue collection and monitoring of compliance with regulations

GAF has more than 15 years of experience in the institutional setup and implementation of Mining Cadasters - qualifying us to provide best value consultancy services and state-of-the-art software. Get in contact with our team to retrieve more information about eMC+ or visit us on www3.gaf.de/emcplus.