

Centre for Mining, Environmental Engineering and Resource Management (CEMEREM)



African Excellence

Deutscher Akademischer Austauschdienst
German Academic Exchange Service

CEMEREM promotes sustainable mining, resource management, and environmental engineering in Kenya through innovative academic programmes, applied research, and international knowledge exchange.

GOALS

Kenya's "Vision 2030" sets out ambitious development goals aimed at enhancing prosperity and quality of life. The resource sector is expected to contribute significantly to these aims. However, despite Kenya's **significant natural resources**, there is often a **shortage of skilled professionals and sustainable management strategies**. Additionally, **ecological challenges** persist. CEMEREM addresses these gaps by strengthening **practice-oriented education, applied research, and capacity development in mining, processing, environmental engineering, and resource management** – though the education of new generations of professionals and the training of practitioners. Close collaboration between Kenyan and German universities fosters **innovative and sustainable solutions for the sector**.

KEY ACTIONS

CEMEREM empowers African students with the expertise needed for the **responsible use of natural resources**. Its core activities include the **development and refinement of interdisciplinary study programmes** at all levels (BSc, MSc, MBA, and PhD), the provision of **training for academic staff and professionals**, and active engagement with government, industry, and local communities. International conferences, research visits, and summer schools further promote **collaborative, application-driven research**.



Focus

Mining and
Resource
Management



Current funding phase

2021–2025



Partner country

Kenya

Partner institutions

in Germany:

- TU Bergakademie Freiberg
- Hochschule für Technik und Wirtschaft Dresden – University of Applied Sciences

in Sub-Saharan Africa:

- Taita Taveta University, Kenya



More than **100 top East African talents** have received **scholarships** since the start of the project



8 new bachelor's, master's and PhD programmes have been **developed and launched**



245 individuals participated in **professional development and training events** of the Centre in 2024, 56 % men, 44 % women



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