

TRAINING AND QUALIFICATION



CHALLENGES

Many developing and emerging countries heavily depend on extractive industries. The countries' educational systems often do not offer an adequate framework for mining-related vocational training. Lack of skills and short-sighted exploitation are causing a variety of technical, environmental, health, safety, and socio-political problems. The improper use and disposal of chemical reagents such as mercury or cyanide required for mineral processing often pollute the environment near mine sites and along the drainage of local rivers. None or insufficient timbering of underground mines expose miners to the risk of death or serious accidents. Limited mine management skills lead to exploitation of non-renewable resources without generating social and economic rents. Miners, their families, and local communities must bear the consequences which often negatively affect their living conditions and livelihoods.

PROJEKT-CONSULT

Capacity building, skills development, and knowledge transfer play an essential role in Projekt-Consult's implementation concepts either as an activity for a specific target group or as a side event for partners, project stakeholders, or local staff. We believe that open access to information and knowledge sharing can translate the exploitation of non-renewable resources into human and social development in mining areas. Our holistic training approaches build on long-standing success in project implementation, and capitalize on a vast pool of experienced technical experts. Projekt-Consult's ability to combine local training concepts with international mining expertise and long-lasting implementing experience is highly appreciated by clients all over the world. Our advanced

trainings are not limited to environmental and social issues but comprise specific technical and mine management support - both for the public and private sector.

OUR SERVICES

TRAINING CONTENTS AND SCOPE strongly depend on the individual level of the target groups' entry skills. Therefore, Projekt-Consult designs its training services in a demand-oriented way and based on a thorough training needs assessment. Taking target groups' heterogeneity in terms of social and educational backgrounds as well as time frames into consideration, we offer comprehensive concepts such as training on-the-job, classroom-based courses, on-site coaching, training of trainers, and staggered follow-up courses. Our training interventions comprise a scope of services that have been refined continuously and includes the following tailor-made deliverables:

- Training needs assessment
- Concepts development and feasibility studies
- Curriculum development and teaching materials
- Establishing training facilities
- Implementing workshops and seminars

DESIGNING TOOLS FOR POLICY ANALYSIS

Meaningful policies need a good data base. With studies and projects, we deal with material flows and production conditions in mining and develop analysis instruments for policy practitioners. For example, we have developed a method to assess the ecological availability of resources, which extended the existing German criticality system.

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MINING AND APPLIED GEOSCIENCES

Projekt-Consult's training services address all levels of the mining sector in a holistic approach that converts mining into a professional, prosperous, and profitable business. The elements of Projekt-Consult's skills development for mining and applied geoscience encompass technical as well as business and management skills:

- Prospecting & exploration techniques
- Mining & mine planning
- Mineral processing techniques
- Gold & other mineral commodities
- Occupational safety & health
- Environmental impact of mining
- Social aspects of mining
- Gender issues & child labour
- Community relations
- Conflict prevention and management
- Mining in regional & local context
- Mining legislation and standards
- Formalization
- Trade chain from mine to market
- Due diligence & responsible mining and sourcing practice
- Management of mining operations
- Financial management & bookkeeping
- Sustainable business planning

Target groups of our trainings, who shall be equipped with methodical as well as social competences, include miners, mine foremen, mine managers, mineral buyers, geological surveys, mine inspections, exporters, mine owners, cooperatives, and mining associations.



TAILOR-MADE LEARNING FORMATS BASED ON MODERN CONCEPTS OF ADULT EDUCATION

As a member of GFA Consulting Group, Projekt-Consult is using the C³ methodology for its train-ng-of-trainer projects. C³, or Creation of Competence for Competition, is a training methodology which has been developed by GFA over the last 20 years, and is based on project experiences around the world. C³'s training methodology stimulates active learning by encouraging the exchange of experience among participants (www.c3-training.de). It also aims at the direct application and transfer of newly acquired knowledge and skills to learners' working environment. The C³ Unit for Better Learning of GFA supports clients in the selection and implementation of different learning modes best suited to learners' working environments. All formats rely on effective didactical procedures for instructional design, material development, and learner support.

CONTACT

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