



DEG

DEG, a member of the KfW Bankengruppe (KfW banking group), finances investments of private companies in developing and transition countries. As one of Europe's largest development finance institutions, it promotes private business structures to contribute to sustainable economic growth and improved living conditions.



DEKRA

DEKRA Certification SA was established in 1995 as part of the DEKRA Group of Companies, one of the leading international service provision organizations. DEKRA Certification SA offers auditing and certification services for organizations, processes. The local subsidiary has firmly established itself in Southern Africa by providing high performance service to industry and commerce.



ASSIST

ASSIST is a non-stock, non-profit international capacity building organization with its headquarters in the Philippines. It aims to achieve and witness meaningful change to and for our planet and the people living on it. Since 2003, ASSIST has implemented over 20 projects funded by multi-lateral donors such as European Union, USAID, UNEP, UNIDO, DEG, GIZ, etc.



**Sustainable Environment,
Health & Safety IntervEntions
for Local Construction
& Mining InDUstry**

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IMPLEMENTING PARTNERS



PROJECT BRIEF



While regulations and laws on Health and Safety (H&S) standards are in place in South Africa for many years, the accident rate of almost 15,000 per 100,000 workers is still high compared to Established Market Economies (3.240 per 100,000 workers).

A report recently published by the Construction Industry Development Board states that the construction sector contributes a disproportionate number of fatalities and injuries relative to other industrial sectors and that there is a high level of non-compliance with H&S legislation in South Africa generally. The report attributes the reasons to a lack of management commitment, inadequate supervision and inadequate or a lack of H&S training as well as lack of worker involvement, personal risk appreciation and work pressures. The majority of existing courses on Environment, Health and Safety (EHS) in South Africa are formal interpretations of local laws and standards, rather focusing on technical aspects than covering behavioral issues.

This specific PPP measure helps to address the need for enhancing the local capacity in South Africa on the areas of environment, health & safety specifically in the construction and mining industry through well structured education and training programs. The trainings would focus on the proven and recognized international standards – ISO 14001 for environment and OHSAS 18001 for health & safety.

PROJECT ACTIVITIES/ DELIVERABLES

CEO Forum

At least 100 SMEs are invited to 3 awareness sessions to tackle the current situation of the energy sector, particularly the opportunities and threats and to stress the importance and need for energy efficiency practices.

Multistakeholder Session

Facilitation of 2 Multistakeholder Sessions for at least 100 participants coming from government agencies, industry and academe to create and raise awareness on environment, health and safety standards.

Focus Group Discussion

Organization of one-day Focus Group Discussion with industry experts, local industry associations, government agencies to generate more information on the training needs and gaps on environment, health and safety of mining and construction industry.

Survey

Conduct of survey, using structured questionnaire, to a total of 100 multistakeholder group of individuals to supplement the results of the focus group discussion.

EHS-Body of Knowledge

Development of training course content for 3 modules – EHS 101 (Basic course for all mining and construction workers), EHS 102(Intermediate Course for all supervisory level in the industry), EHS 103 (Advanced Course for all managerial level in the industry, local chambers & associations and government agencies) in English and local language.

Instructor-Led Training Programs

Delivery of training programs on the 3 courses (EHS 101, EHS 102, EHS 103) in at least 3 locations targeting a total of 300 participants.

Train-the-Trainer Workshop

Implementation of 3-day ToT workshop to qualify 30 local experts in conducting further trainings on environment, health and safety.

Certified EHS Lead Implementer Program

Certification of 15 implementers, coming from the pool of qualified local trainers, through the 5-day EHS Lead Implementer Program.

Virtual EHS Training Academy

Set up of virtual training academy where developed training modules are offered online.

E-Learning Kits

Development and distribution of e-learning kits to at least 200 companies, industry associations and government agencies.

Best Practices Exchange Forum

Best Practices Forum to facilitate exchanges of lessons learned and challenges faced in relation to the implementation of the guidelines and practices.

METHODOLOGY



BENEFITS

SHIELD is a Public –Private Partnership project which targets the workers and professionals of the construction and mining industry as well as multipliers in both institutional and individual levels. Joining and supporting the project will allow the target group to benefit at three levels.

Output:

- Mass awareness campaigns, Focus Group Discussion, Best Practices Forum
- EHS Body of Knowledge
- Structured and practice-oriented EHS instructor-led and virtual Training Programs
- Certified EHS Lead Implementer Program
- E-Learning Kits

Outcome:

- Reducing frequency and severity of occupational injuries in construction and mining industry
- Improved productivity and minimization of costs due to accidents, health and environmental risks
- Build up capacity at institutional and individual level
- Better quality of life for worker and professionals

Impact:

- Policy changes and commitment towards continued compliance