

MINE WATER &
MINE WASTE MANAGEMENT
> www.squ.se/en/ITP308



Sweden

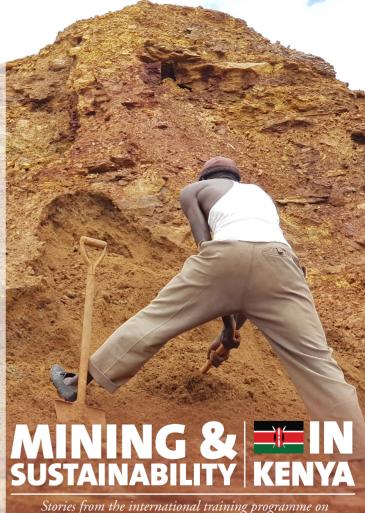
Sverige











Stories from the international training programme on mine water and mine waste management - ITP308









"For me as an environmental inspector, the ITP308 has been an eye opener."

Environmental awareness on the rise in Kenya

With more than 15 years of experience at the National Environmental Protection Agency (NEMA), Joyce Imende has been with the relatively young agency since the very beginning. Throughout her career, she has seen the awareness of environmental concerns grow: both on grassroot levels and within government management.

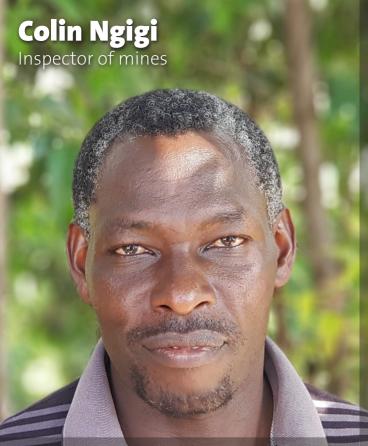
To inspect and having to be an expert on everything

Despite the positive trend of environmental awareness, challenges to efficiently safeguard the environment in Kenya remains, according to Joyce.

Inspectors have a heavy duty when they are called upon to carry out enforcement and review reports. Whether it be issues connected to mining, plastic or water quality, an inspector must understand the specific challenges in each situation, and know how to indentify risks for environmental or social impacts. Without capacity training, the quality of these inspections are left vulnerable.

After having partaken in the ITP308 together with other collegues, Joyce now feels that NEMA is gaining in-depth capacity to successfully review and inspect mines in Kenya.





"The main gain from the ITP308 is how it has impacted our TSF licencing and compliance monitoring procedures. Now we need to see how they plan to take care of their waste, even after mine closure."

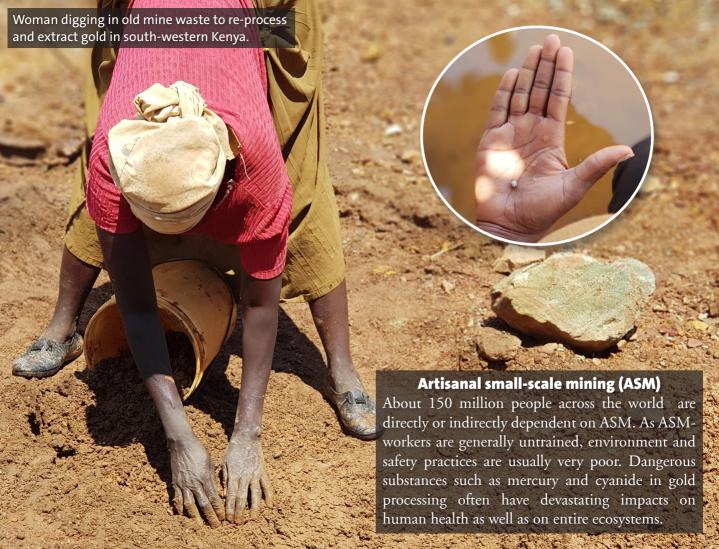
Ensuring safe mining in Kenya

With his position at management level within the Ministry of Petroleum and Mining (MoPM), Colin Ngigi is directly involved in the agency's efforts to fulfil its aim: ensuring that Kenyan mining activities are safe and according to the law.

The challenge to achieve sufficient competence

According to Colin, one of the major areas of concern at MoPM is the competence level of its staff. Although ambitions are high, inspectors are finding many challenges in their work due to the lack of proper training and the wide scope of up-to-date knowledge required to conduct good inspections. Colin is concerned that the relevant national universities programs have some catching up to do to be at par with recognised international standards, and he explains that it is challenging for the agency to train staff internally due to lack of funds.

As such, capacity training is now sought elsewhere to ensure high competence in inspections. Colin emphasises how external training programmes like the ITP308 bring positive organisational change to the activities of MoPM. According to him, staff that are able to attend training get deeper understanding of their role and tasks as inspectors. In addition, the inspectors usually feel more confident and able to deal more efficiently with disagreeing mine operators after trainings.



Elizabeth Ngotho

Environmental inspector



"I think there is a lot of success in bringing different authorities together in Sweden to discuss the issues of mining. We have come to realise that we cannot separate the issues of the environment from just viewing mining as an economic activity."

Mining and development in Kenya

With her background in both environmental and developmental studies, Elizabeth Ngotho specialises in community development within environmental bounderies at NEMA. A growing concern in Kenya is how to make mining activities more beneficial for the local populations, especially in artisinal small-scale mining (ASM) contexts.

The complexity of ASM

From a state regulatory perspective, ASM poses a huge challenge to inspectors. Elizabeth worries that the wrong approach to ASM could result in a backlash of severe livelihood degradation for the most vulnerable.

Instead of not recognising ASM workers and viewing the entire activity as a crime against the environment, Elizabeth belives that the state should aid them in becoming organised and regulated. In doing so, some basic practices of environmental protection can at least be put in place. She argues that an extensive analysis of these issues are warranted to find long-term and sustainable solutions, and time is of the essence. As long as the matter remain in status quo, vulnerable people will be exposed to harm and devastating environmental degradation will continue.



"The ITP308 is an International Training Programme commited to knowledge sharing for government officers working with mining and sustainability across the world."



Training programme

The ITP308 includes a three week course in Sweden, led by experts from government, academia and industry. The course is followed by 10 months of project work supported by a mentor from the Geological Survey of Sweden, SGU.



Worldwide networks

The programme builds and encourages worldwide networks on the subject of mining and sustainability. Professional connections and collaborations are built on transparency and sharing of expertise.



Development cooperation

The programme is funded by the Swedish International Development Cooperation Agency, Sida, and performed by SGU in collaboration with SEPA and LTU. Eligable countries may apply thorugh the online application.

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