

Delivering competence based training and capacity building to support sustainable uranium mining in less prepared areas

Wednesday 25 June 2014 17:10 (1 minute)

The Project “Supporting sustainable uranium mining in less prepared areas” consist of a 3 years catalytic training and capacity building of a range of work packages/tasks targeted on Technical, operational, regulatory, environmental, stakeholders and governance needs in uranium mining of African francophone uranium producer or potentially producer countries. The scope is defined by the identification and the delivery of training and further capacity-building measures to enhance national and regional preparedness in these francophone MSs for the conduct of sustainable uranium mining and production, with particular reference to environmental, social, economic issues and good governance within the context of fostering good, safe practices in the comprehensive extraction of all possible economic resources from the mining process.

The participating countries are: New countries considering exploration and/or mining for the first time, but with no current commitment to the activity (Burkina Faso, Ivory Coast and Mauritius), the Restarting countries initiating or reinvigorating uranium mining, with known exploitable reserves (Algeria, Cameroon, Central African Republic, Chad, Democratic Republic of Congo, Mauritania, Morocco, Senegal and Tunisia) and the Active countries with a long history of uranium mining and milling wishing to enhance their existing capacity (Gabon and Niger).

The training courses will be adapted to the local conditions: needs of the aforementioned countries and of the different stakeholders: Professional beneficiaries (Governments, industries and academia) [modules covering the U life cycle with associated materials such as checklists, scorecards and SOPs addressing topics as: Technical and scientific; Regulatory; Governance and good management; Safety, Security and Safeguards] and affected local communities [Engagement and outreach planning, Communities and consultation process, Social returns and Social licensing].

The methodology is based on the Competency Based Training in a safe and sustainable conduct of U production life cycle. The training is considered as a mix of tactic/strategic means, delivering pilot courses in year 1, and then improving continually the model; deliver a capacity building programme of training for the sustainable resources management; amplify the results by the train the trainer's activities. The availability of a SharePoint and supported on-demand web resources is considered as a good and necessary exit strategy of the project.

The approach is based on the competency matrix by type of job description; training courses overall normalised adaptable to targets and local conditions; Personal Development Professional Plan; regular feedbacks, monitoring and evaluation allowing adjustments and readjustments of the training courses and the activity programme with a follow up of the relevant normative and summative indicators selected for ongoing monitoring and review, with a focus on normative indicators as guides to qualitative improvements in line with sustainability goals; control and assurance quality (“PDCA”).

The proposed outcomes are to enhance preparedness leading to improved national capability for uranium production delivering sustainable socio-economic returns and ability to comply with international standards and good practices based on a “Pathway to preparedness”.

Critical dependencies for achieving these outcomes will be a sustainable, probably virtual, competency centre tasked with supporting the professional community and critical mass in that community.

Author: Mr MIKO DIT ANGOULA, Ibrahim (IAEA)

Co-author: Mr TULSIDAS, Harikrishnan (IAEA)

Presenter: Mr MIKO DIT ANGOULA, Ibrahim (IAEA)

Session Classification: Poster Session

Track Classification: Education and training in the uranium production cycle