Breakout Session Group Presentation

Presented by: Mr. Wanjiru Taracisio (Kenya)
Discussion points:

- Reasons of interest in SMRs.
- Progress in decision-making process.
- Potential challenges.
Reasons for Interest in SMRs

- Financial point of view.
- Low capital cost.
- Reduction of EPZ size.
- Safety and security features.
- The SMR can contribute easily in the energy mix.
- For desalination purpose and heat supply for petrochemical industry.
- Sitting process easier in case of SMR.
- The modularity concept (ease to add).
- Flexible with grid size.
- Short construction period.
- High availability since multi units will be installed.
- Operation the SMR will lead to public acceptance on the nuclear industry.
Progress in decision-making process

Stakeholders

- Ministry of Environment
- Ministry of interior
- Ministry of defense
- Ministry of transportation
- Ministry external affairs
- Ministry of finance
- Notional electricity company
- Ministry of industrialization
- Ministry of education

NB; NEPIO Nuclear energy program implementing organisation
Challenges

• The absent of the SMR features in the real life (EPZ, the timeline of the project).
• Staffing management.
• Public acceptance.
• Security problems – floating design and remotely controlled, Security and safeguards (some designs)
• Egyptian Technical requirements for nuclear technology is based on the Proven technology.
• Lack of experts – depending with the design
Thank you.

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