

Group 5: Key Infrastructure



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Question 1: Requirements to Support SMR Deployment

- **Human resource development as a basic requirement**
 - regulatory issues, operation, licensing, public acceptance, etc.
- **Grid system**
 - It should reach remote areas.
 - Widespread network, interconnection
- **Newcomers should have collaborations with experienced member states** (at regional and international levels).
 - It could facilitate the introduction of SMR.
 - Small member states work together at regional level to develop SMR.
- **Harmonization, standardization** (including licensing)
 - At national, regional levels, regulatory bodies are needed.
- **Regulatory matters**
- **Supply chain**
- **Site to develop SMRs** (probably depending on a country's conditions and demand)
 - Localization

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Question 2: Collaborative Planning between Energy Stakeholders and Local Communities and Recommendations for IAEA

- **Agencies should prioritize non-traditional stakeholders** (interaction at the political levels), **involvement of relevant stakeholders in addition to technical and infrastructure matters.**
- **Educational program** (basic level)
 - Setting up basic educational programs
 - Providing accurate public information
- **An event, a platform to share/promote best practices, essential information to gain public acceptance**
 - To create youth's understanding of SMR, nuclear energy
 - Bilateral approach to gain engagement
- **Emphasizing the nuclear energy roles towards the international, regional, national commitments** (for example, energy targets and achievements) **through the influences of high-level personnel engagement.**
- **Cooperation and collaboration at regional level to promote SMR to meet SDGs, climate change, living standards**