Group 5: Key Infrastructure
Group 5: Key Infrastructure

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
**Group 5: Key Infrastructure**

**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**