



IAEA

International Atomic Energy Agency
Atoms for Peace and Development

21st INPRO Dialogue Forum

The Deployment of Small Modular Reactor Projects and Technologies to Support the Sustainable Development Goals

Sung Soo Kim / INPRO Section

Division of Nuclear Power, Department of Nuclear Energy

28 August - 1 September 2023

St Petersburg, Russian Federation



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International Project on
Innovative Nuclear Reactors
and Fuel Cycles

Objectives

To discuss the role of SMRs in achieving SDGs with a broad set of participant perspectives including technology developers, potential suppliers and users

To identify the functions and features of SMRs that can contribute to achieving SDGs

To explore the status of development and deployment of SMRs including associated fuel cycles

To discuss the roles that various SMR related industries and institutions can play to contribute to achieving SDGs

To promote an open dialogue on national, regional, and global opportunities and challenges in achieving SDGs through development and deployment of SMRs

Agenda Overview

➤ Key 4 plenary sessions on:

- The role of SMRs in achieving SDGs
- Current status of SMR in energy planning for embarking countries
- Current status of developing SMRs and their further implementation
- Host Country Session

➤ Break-out session

➤ Wrap-up session (Summary & Suggestions)

**Please see the agenda on your table*

Session Chairs and Invited Speakers

➤ Session chairs:

- Mr. Khammar Mrabit (Main chair), President of Parliamentary Group, Morocco, Former DG of Moroccan Regulatory Body
- Ms Nadezhda Salnikova, OKBM, Russia
- Mr Topan Setiadipura, BRIN, Indonesia
- Ms Mariia Roslaia, JSC «Afrikantov OKBM», Russia
- Mr Dong Wook, Jerng, SC chair of i-SMR, R. Korea

➤ Invited speaker / IAEA speakers

- Mr Dong Wook, Jerng, SC chair of i-SMR, R. Korea
- Mr Alexander Bychkov, NENP, IAEA
- Mr Hadid M. Subki, NENP, IAEA
- Mr Jae-Sung Lee, SG, IAEA

Break-Out Session

- 13:30-15:30, Thursday, 31 August
- 8 Groups: Group Chair + IAEA/Russia facilitator
- Member States' views on:
 - 1) Status of SMR development and deployment including fuel cycle options
 - 2) Role of SMRs with various functions and features in achieving sustainable development goals (SDGs)
 - 3) Role of SMR related industries and institutions in contributing to SDGs
 - 4) National, regional, and global opportunities and challenges for the successful development and deployment of SMRs and their contributions to achieving SDGs
- “Feedback to all in a room,” led by group chairs, (prepare presentation (10 minutes, ~2-3 PPT slides))

Breakout Session: Groups 1-4



Group 1

Chair: Mr Khammar Mrabit

Facilitator: Mr Maxim Galdyshev (IAEA)

Mr Ramin Pashayev,
Mr Mojalefa Sello,
Ms Justine Nuay,
Mr Fredrick Chewe,
Russian participants(6)

Group 2

Chair: Mr Topan Setiadipura

Facilitator: Mr Sung Soo Kim (IAEA)

Mr Shanjib Karmaker,
Mr Musbah Alhengari,
Mr Qusa Aljafri,
Mr Yury Volkov,
Ms Yuqing Wang,
Russian participants(5)

Group 3

Chair: Ms Mariia Roslaia

Facilitator: Mr Hadid M Subki (IAEA)

Mr Nader M. A. Mohamed
Mr Baldorj Myagmarsuren
Mr Aban Alwaznah
Mr Evgeny Kulikov
Mr Vijai Chaudhry
Russian participants(5)

Group 4

Chair: Mr Dong Wook, Jerng

Facilitator: Mr Alexander Bychkov (IAEA)

Mr Kaleb Tadesse Tebelu
Mr Esam Bafarj
Mr Vahe Grigoryan
Mr Mahdi Ghorbani Ashraf
Russian participants(6)



Breakout Session: Groups 5-8

Group 5

Chair: Ms Fairuz Suzana M.Chachuli,
Facilitator: Russia

Mr Uwaisu Shuaibu Adam
Mr Michel Bakar Diop
Mr Svyatoslav Sikorin
Mr Luis Gerardo Guerrero Gutierrez
Russian participants (6)

Group 6

Chair: Mr Muyi Ni,
Facilitator: Russia

Mr Sidik Permana,
Mr Atif Mahmood Tayyab
Mr Ibrahim Othman
Ms Tatsiana Hryharovich
Russian participants(6)

Group 7

Chair: Mr Andrei Burov,
Facilitator: Russia

Mr Tariq M. M. Mheidat,
Mr Jorge Esteban Rodas Benitez,
Mr Subhonjon Odinaev,
Mr Chengxu Lu,
Russian participants(6)

Group 8

Chair: Ms Ana C. de Souza Lima,
Facilitator: Russia

Mr Alvaine Ibarola,
Mr Peeravuth Boonsuwan,
Ms Nevriye Simge Ozgulec,
Mr Min Wang,
Russian participants(6)



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Thank you!



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