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International Bank for Nuclear Infrastructure (IBNI) –A comprehensive and multi-dimensional solution to enable accelerated global scaling of SMRs

[Article relates to Topic 4: Tracks 13, 14, 15, 16 & 17]

The proposed multilateral nuclear infrastructure bank, IBNI[1] embodies a set of comprehensive solutions addressing unique multi-dimensional challenges impeding global scaling of nuclear technologies (including SMRs). This article will expressly address how IBNI will support SMR deployment within the specific context of ‘Topic 4’.

IBNI Standards & Criteria (S&C), together with IBNI funding and financing products, services and other support will promote ‘best international practices’, specifically related to:

- Track 13: long-term decarbonisation policies and energy system planning supporting sustainable investments in low-carbon energy systems (including nuclear/SMRs);
- Track 14: supporting IAEA MSs in accelerating nuclear infrastructure, human resource capacity development (and multinational resource pooling), institutions;
- Track 15: optimal sets of revenue, financing, commercial/business, contractual, risk-allocation and project/program management models;
- Track 16: diverse networks of political, industry and civil society stakeholder engagements in nuclear power project and programs; and,
- Track 17: high degree of multinational alignment to a set of generally harmonised and standardised regulatory, energy and financial markets, ESG and business model frameworks.

The article will further develop the unique value proposition of IBNI with respect enabling accelerated global scaling of SMRs and other nuclear technologies.

[1] For additional details related to the proposed International Bank for Nuclear Infrastructure (IBNI), please see: www.nuclearbank-io-sag.org

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Track Classification: Topical Group D: Considerations to Facilitate Deployment of SMRs: Track 14: Nuclear Infrastructure and Enabling Environment for SMRs