



Civil Nuclear Energy Workshop: Partnering for Implementation

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Shokhmirzo Umarov

*Chief Specialist
UzAtom Agency*

Shokhmirzo Umarov Bakhrom ugli is a nuclear engineer at Uzatom, the Atomic Energy Agency under the Cabinet of Ministers of the Republic of Uzbekistan, where he has worked since 2020. He is actively involved in assessing Small Modular Reactor technologies and their potential application in Uzbekistan's energy sector. His work focuses on advancing nuclear innovations and ensuring the safe integration of nuclear technology into the country's energy strategy.



Umarov holds a Master of Science in Nuclear Engineering from KEPCO International Nuclear Graduate School in South Korea and is currently pursuing a PhD in Nuclear Engineering, specializing in SMR applications for Uzbekistan. Alongside his engineering role, he also teaches as a part-time professor in the Nuclear Engineering Department at a local university, mentoring future professionals in the field.

Organization Overview:

I work at the Department of Nuclear Energy and Nuclear Technology within the Atomic Energy Agency of Uzbekistan. Our department is responsible for overseeing the development, deployment of nuclear energy and related technologies in Uzbekistan, aiming to ensure the safe and effective use of nuclear power to meet the country's growing energy needs.

Delegate Interests:

- Nuclear project financing and public-private partnerships
- Approaches to nuclear infrastructure development in emerging markets
- Challenges in nuclear workforce development and training programs

Topics / subjects the delegate wishes to be included in the Workshop and site visits :
XE-100, BWRX-300, i-SMR, SMR-300