



Civil Nuclear Energy Workshop: Partnering for Implementation

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Denis Zarva

Deputy Chief Engineer

National Nuclear Center of the Republic of Kazakhstan

Denis Zarva is a highly skilled expert in nuclear technologies and automated control systems. He currently holds the position of Deputy Chief Engineer at the National Nuclear Center of the Republic of Kazakhstan. Since June 2020, he has been overseeing key projects related to the peaceful use of atomic energy, controlled thermonuclear fusion, and the management of the Kazakhstan Material Testing Tokamak (KTM) facility. Denis Zarva has extensive experience in the supervision of work processes to the compliance of requirements, norms in labor safety and protection, in fire, industrial and radiation safety. Recent years, he was actively engaged in the public awareness work on nuclear related issues. In a prior role as Head of the Investment Projects Department (2015–2020), Head of Advanced Developments Department (2013 – 2015), he was actively involved in the development and promotion of investment projects, methodological and organizational support for the implementation of construction and installation work, start-up and commissioning work at the tokamak KTM test bench complex. Denis was also involved in several scientific and technical in support of nuclear energy development in the Republic of Kazakhstan, construction of the International Thermonuclear Experimental Reactor ITER, technical and economic assessments to implement nuclear power plant in the Republic of Kazakhstan. Denis Zarva earned a PhD in Technical Science from the National Research Tomsk Polytechnic University in 2021, specializing in automated control systems, and an engineering degree from Semipalatinsk State University. Throughout his career, Denis has been honored with numerous awards, including the prestigious State Prize of the Republic of Kazakhstan in the field of science and technology in 2023 as well as medals recognizing his contribution to the nuclear industry, such as the “Medal for Excellent Work in the Nuclear Industry” and the “Medal of Honorable Worker of the Nuclear Industry”.



Organization Overview:

Nuclear Power Development in Kazakhstan
Development of CTF Technologies and Hydrogen Power
Radiation Safety and Ecology in Kazakhstan
Support of Non-Proliferation Regime and CTBT
Information and Staff Support to Nuclear

Delegate Interests:

Nuclear waste management technologies if it's possible

Topics / subjects the delegate wishes to be included in the Workshop and site visits :

SMR technologies, medium and big scale reactors if it's possible