



Atomic Industry Development Association
Атом Индустрия Дамыту Қауымдастығы
Ассоциация Развития Атомной Индустрии

Strategic Roadmap

Goals and Objectives

2024-2025

AIDA - Platform for Atomic Industry Development

Further improvement of the civil nuclear industry is of cornerstone importance for sustainable economic growth and energy security of the Republic of Kazakhstan.

The establishment of AIDA marks a significant stride towards creating a unified platform for the prompt coordination of nuclear and energy entities in Kazakhstan, to present a common vision of development, to protect common interests, and to comprehensively inform general public about nuclear power development in the face of the national Referendum on the construction of the first Nuclear Power Plant.

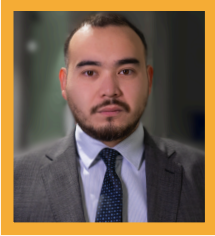
MISSION

Uniting the industry and national regulators for the cohesion in the development of sustainable and coordinated nuclear technology, science and industry sectors

VISION

To create a platform combining the advanced industry expertise with best international practices for protection of the interests of Kazakhstan's nuclear industry entities in light of the global "revival" of the nuclear energy sector and its pivotal role for Kazakhstan's energy security and sustainable development.

The logo for AIDA, featuring the letters "AIDA" in a bold, serif font. The letter "A" is stylized with a circular emblem inside it, resembling a nuclear symbol or a globe. The background of the slide features a decorative green and white network pattern of dots and lines in the bottom-left corner.



Aldiyar Toktarov
Chairman of AIDA

“

AIDA will be instrumental for fostering cooperation between the industry and government agencies, shaping a shared vision for the future of the nuclear industry and merging industry best practices with international standards. By joining AIDA, you become part of an ambitious initiative designed to contribute to the growth of the nuclear industry and every AIDA member equally!



Timur Zhantikin
AIDA Board of Directors Member
Kazakhstan Nuclear Power
Plants LLP Director General

“

The establishment of AIDA marks a significant stride towards creating a unified platform coordinating the initiatives of Kazakhstan's nuclear entities, which is a crucial to protect the common industry interests in the face of the global 'renaissance' of atomic energy, a sector that plays a pivotal role in achieving energy security and sustainable economic growth in Kazakhstan.

AIDA



“ *AIDA will contribute to the protection of the interests of all entities in the nuclear industry.* ”

Ambassador Dastan Yeleukenov
AIDA Board of Directors Member

Objectives

1

To stimulate the development of nuclear energy and industry in the communities of Central Asia, including the general public, businesses, government, and quasi-governmental structures.

2

To serve as the leading platform for analytics, knowledge exchange, and coordination of best practices, for implementation of solutions promoting the development of the nuclear industry and communities in the region.

3

To provide incentives for business community and investors, act as a center for generating solutions for nuclear industry entities, and be an effective intermediary in conveying coordinated vision to regulatory bodies.

1

To stimulate the development of nuclear energy and industry in the communities of Central Asia, including the general public, businesses, government, and quasi-governmental structures.

▶▶ Conducting Research and Development within the framework of the first Nuclear Power Plant construction project in Kazakhstan, aligned with international standards and IAEA guidelines, specifically - **Milestones in the Development of National Nuclear Infrastructure**



National position



Nuclear safety



Management



Funding and financing



Legal framework



Safeguards



Regulatory framework



Radiation protection



Electrical grid



Human resource development



Stakeholder engagement



Site and supporting facilities



Environmental protection



Emergency planning



Nuclear security



Nuclear fuel cycle



Radioactive waste management



Industrial involvement



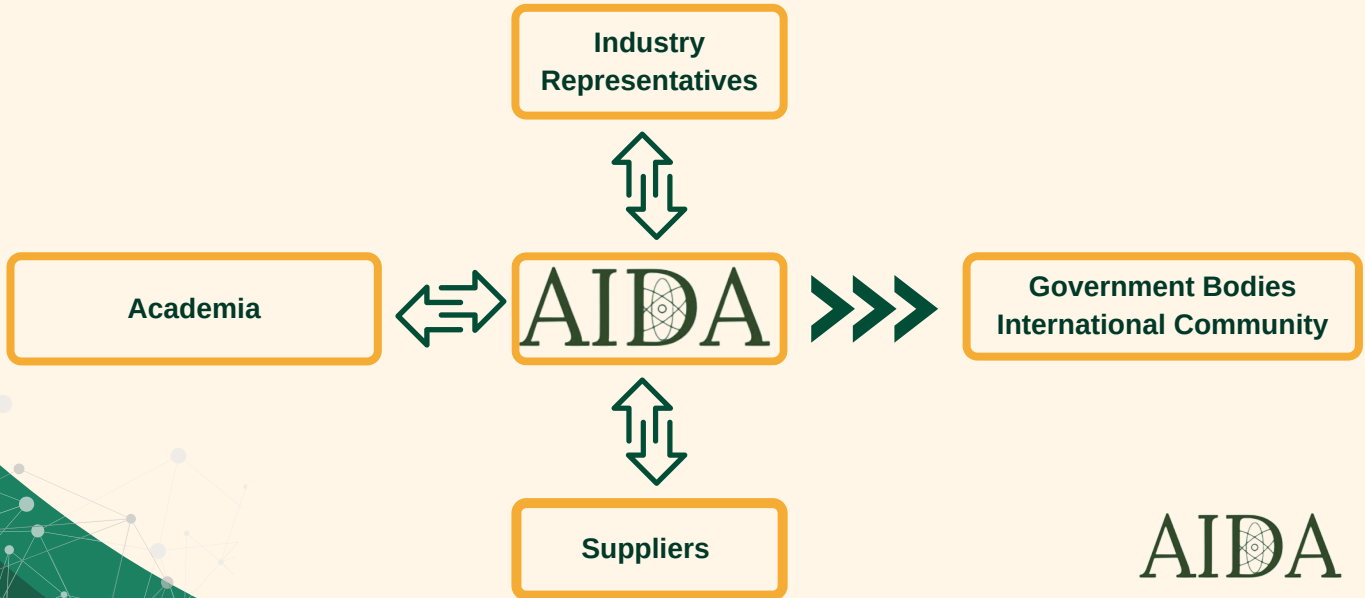
Procurement

AIDA

2

To serve as the leading platform for analytics, knowledge exchange, and coordination of best practices, for implementation of solutions promoting the development of the nuclear industry and communities in the region.

- ▶ Development of a comprehensive long-term **Strategy for the Development of the Nuclear Industry** in the Republic of Kazakhstan with multiple phases for research, implementation and development.

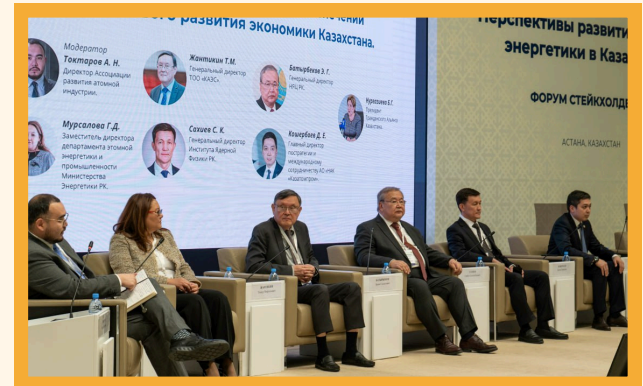


AIDA

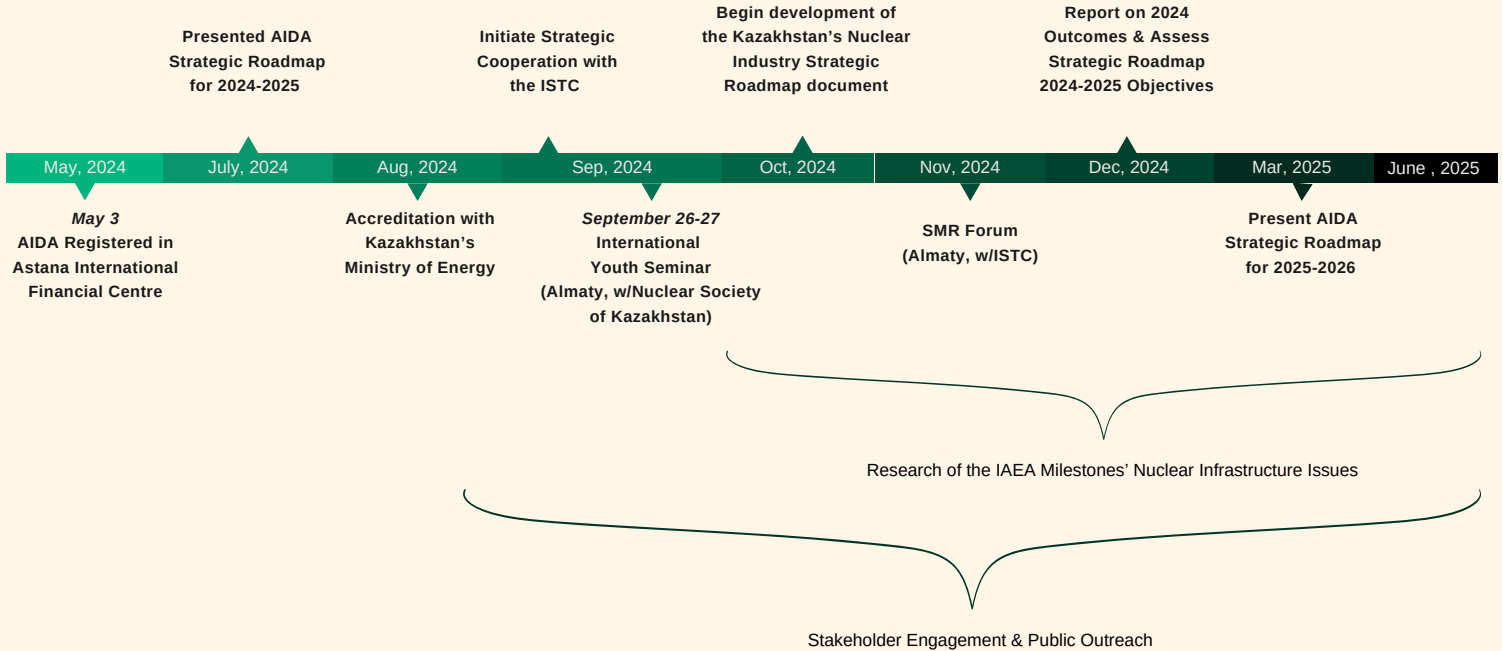
3

To provide incentives for business community and investors, act as a center for generating solutions for nuclear industry entities, and be an effective intermediary in conveying coordinated vision to regulatory bodies.

- Organization and conduct of international, state, and regional events promoting nuclear energy and industry in 2024-2025, such as regional **Business Forums, Youth Engagement Forums, Small Modular Reactor technology advancement Forum**, and more.



Roadmap for 2024 - 2025



Structure and Areas of Activity

Board of Directors

Advisory body. Shapes AIDA strategic vision and oversees implementation of projects in each Working Groups.

Director

Implements Board of Directors initiatives and decisions, coordinates activities of the Working Groups.

Working Groups

Groups of industry experts. Manage projects in the relative areas of expertise:

- Uranium & Rare Metals Mining
- Nuclear Generation
- IRS (Ionizing Radiation Sources) and RW (Radioactive Waste)
- Stakeholder Engagement

Events previously carried out by our team to promote Nuclear Energy

Seminars on risk mitigation of nuclear generation projects (with **NAC International**, USA)

Business Forum "Enhancing economic activity in light of the construction of Kazakhstan's first NPP", supported by the **National Chamber of Entrepreneurs "Atameken"** and **KNPP LLP**

Seminars on legal support in the nuclear power industry (with **Pillsbury Winthrop Shaw Pittman**, USA)

Forum for Stakeholders "Prospects of Nuclear Power Development in Kazakhstan", supported by the **Ministry of Energy of the Kazakhstan** and **KNPP LLP**

We develop strategic partnerships with following entities:



Ministry of Energy of
the Republic of Kazakhstan

**WORLD NUCLEAR
ASSOCIATION**

AIDA

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