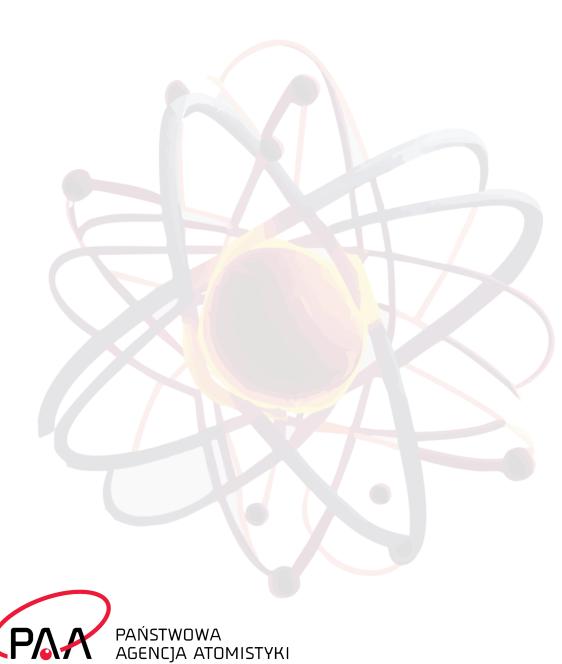


7th European Nuclear Safety Conference Responding to the growing interest in nuclear energy 24-25 June 2024



Capacity and skills

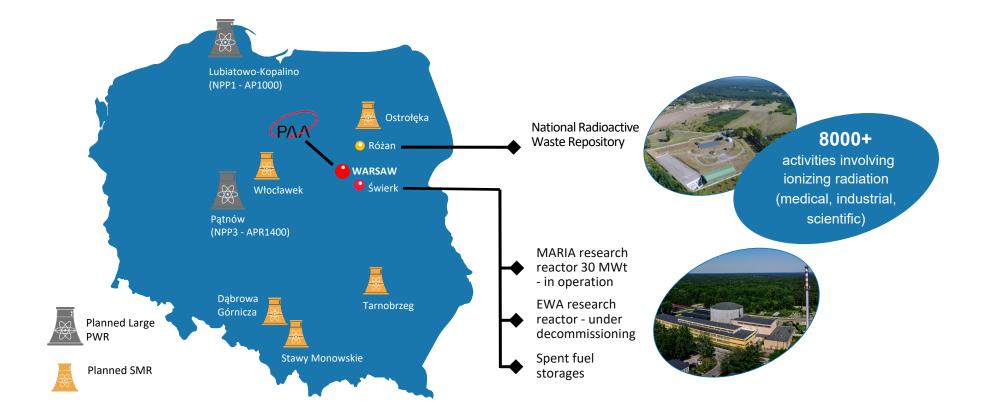
Andrzej Głowacki President of the National Atomic Energy Agency (PAA)

Content:

- 1. Current landscape
- 2. Main challenges
- 3. Possible solutions

Current landscape

Nuclear energy deployment in Poland





Nuclear energy deployment in Poland

	Name	Technology	Investor	Regulatory status
1.	NPP1 (Polish Nuclear Power Program)	AP1000 (selected in November 2022)	PEJ (100% share by GOV)	Pre-licensing dialogue
2.	NPP2 (Polish Nuclear Power Program)	Not selected	PEJ (100% share by GOV)	-
3.	NPP3 (PGE ZEPAK)	APR1400	PGE (majority share by GOV) ZEPAK (private)	Preliminary discussion
4.	SMR (OSGE)	BWRX300	Orlen (majority share by GOV) Synthos Green Energy (private)	Pre-licensing dialogue
5.	SMR (KGHM)	NuScale	KGHM (majority share by GOV)	Pre-licensing dialogue

Main challenges

Situation:

Growing interest in nuclear energy Preparation for simultaneous licensing of many designs, including first of a kind

Scarcity of resources and competencies

Challenges:

- Achieving adequate regulatory readiness before licensing
- Simultaneous licensing of many designs
- Finding appropriate resources





Main challenges

Possible solutions:

- 1. Start early and identify priorities
- 2. Cooperate with others
- 3. Create attractive workplace

Key:

Financial resources for **development of skills and competencies** should be guaranteed in a multiannual financial framework





Start early and identify priorities

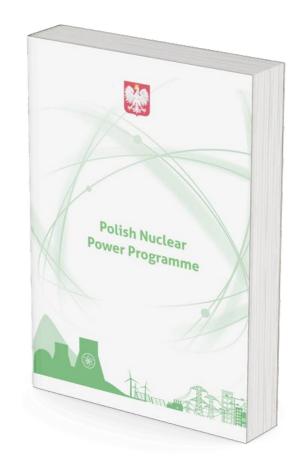
Make future licensees aware that they should follow the same approach.



STAY AGILE

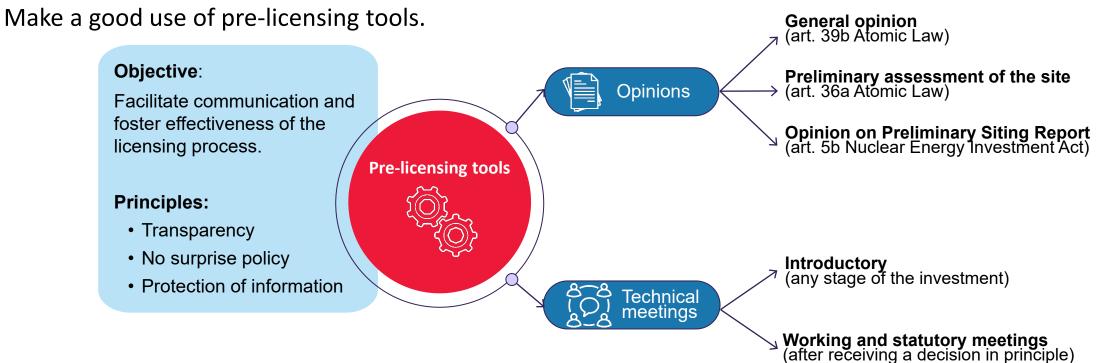
Identify needs and propose changes. Envisaged amendment of the PNPP: 2025. Featuring updates related to SMR.

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On 2 October 2020 the Council of Ministers adopted the updated Polish Nuclear Power Programme.

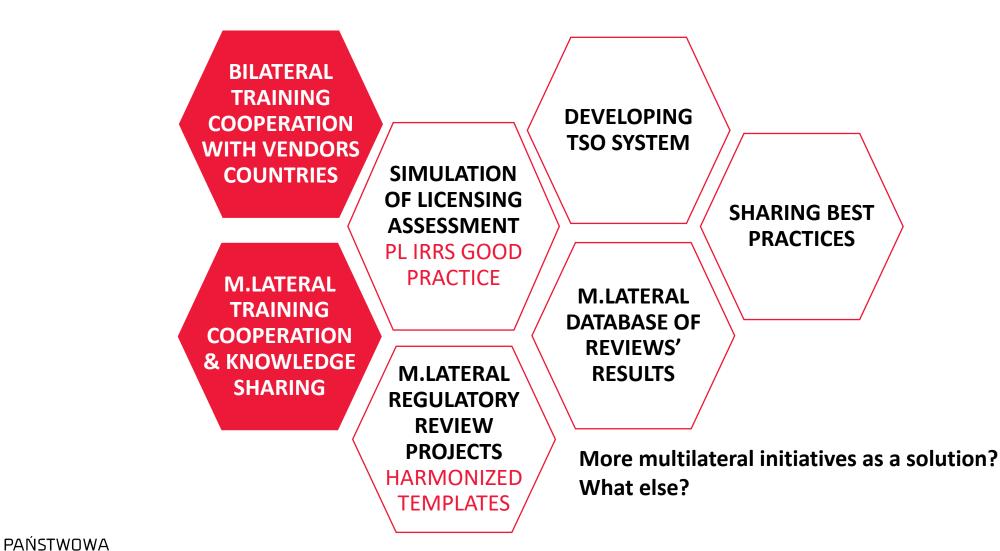
Start early and identify priorities





Cooperate with others

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Create attractive workplace

RECRUIT

Attract competent and diverse candidates

ONBOARD

Welcome new employees through a smooth and professional process

ENGAGE

Promote employee engagement as a vital component of a successful and thriving workplace

DEVELOP

Provide tailored individual development opportunities

PROGRESS

Retain employees through increased performance and job satisfaction

EXIT

Ensure appropriate and timely knowledge transfer on changing position or leaving the organization.



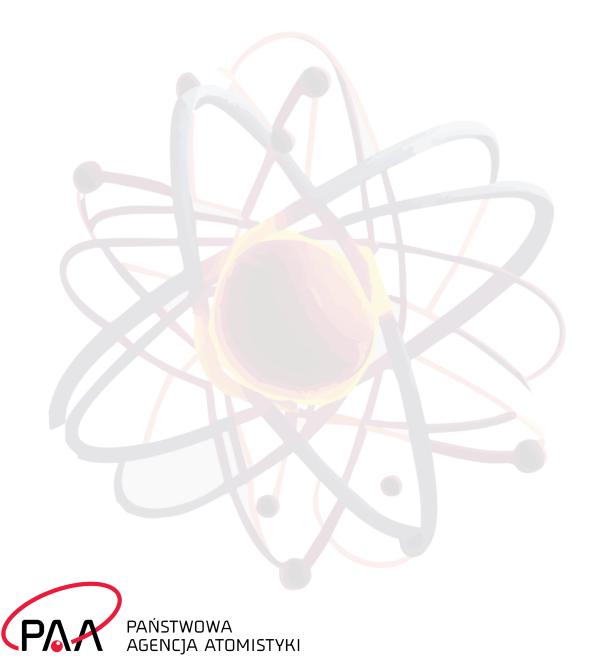


PAŃSTWOWA

AGENCJA ATOMISTYKI

Next steps and challenges

CENSING PREPARATION ITH FOREIGN PARTNERS	LICENSING PREPARATION BY THE PAA	LICENSING PREPARATION WITHIN THE PAA
Leverage the foreign experience of safety verification • NRC – AP1000 • CNSC and NRC – BWRX300	Authorize expert organization and labolatories (TSO)	 Adjust to the increasing numer of licensee Develop further training process Team building
Learn the design & technology before receiving applications	Raise awareness - public communication for licensing process	g Project management
Participate in international review of regulatory framework	Maintain transparency of investors' relations – no surprise policy	Improve the knowledge-sharing process



Thank you for your attention.

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