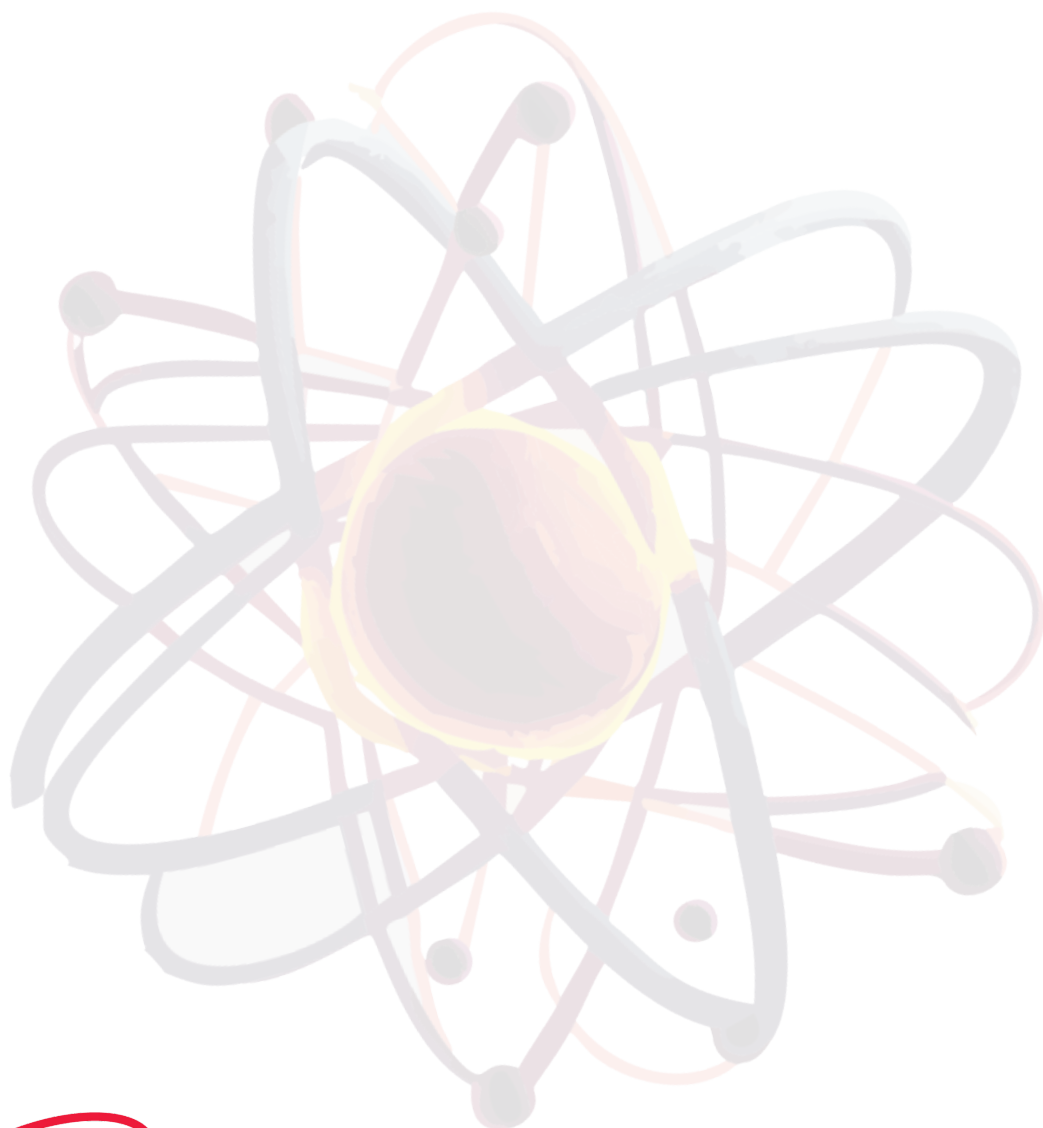


7th European Nuclear Safety Conference
**Responding to the growing
interest in nuclear energy**

24-25 June 2024



Capacity and skills

Andrzej Głowacki

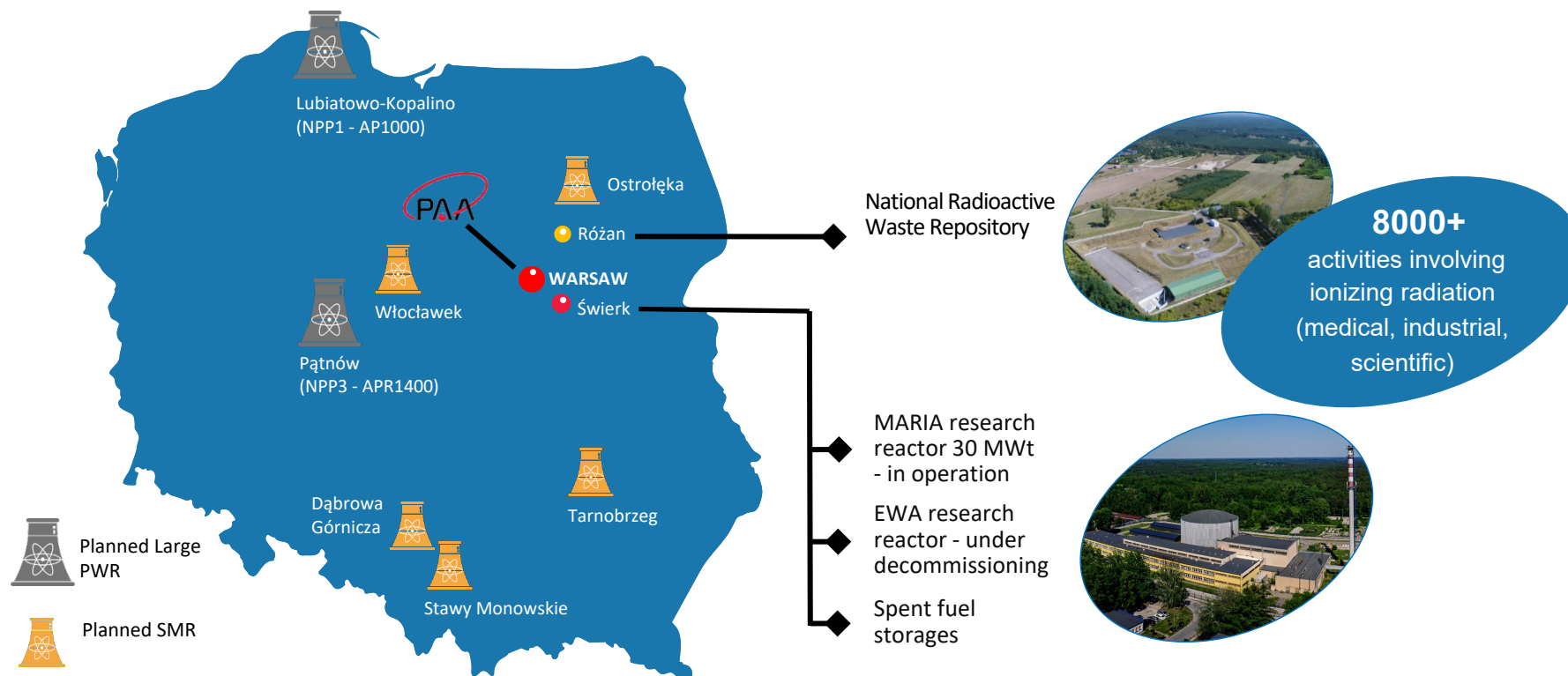
President of the National Atomic Energy Agency (PAA)

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*



Possible solutions

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.

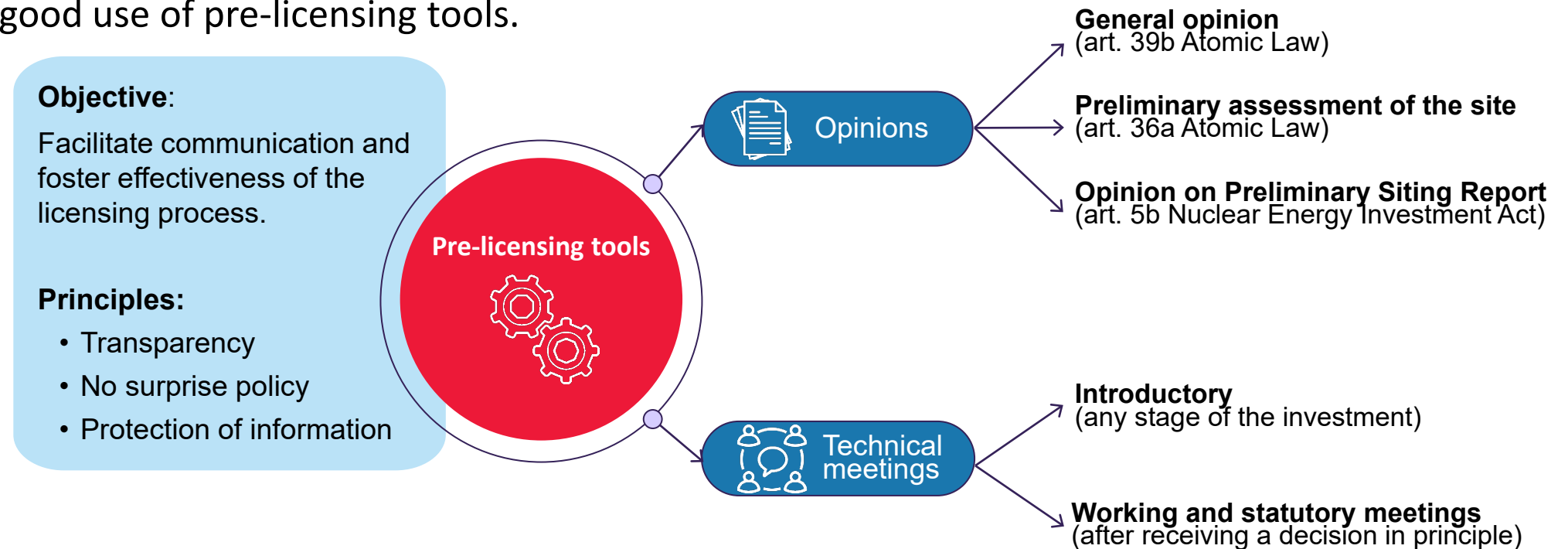


On 2 October 2020 the Council of Ministers adopted the updated **Polish Nuclear Power Programme**.

Possible solutions

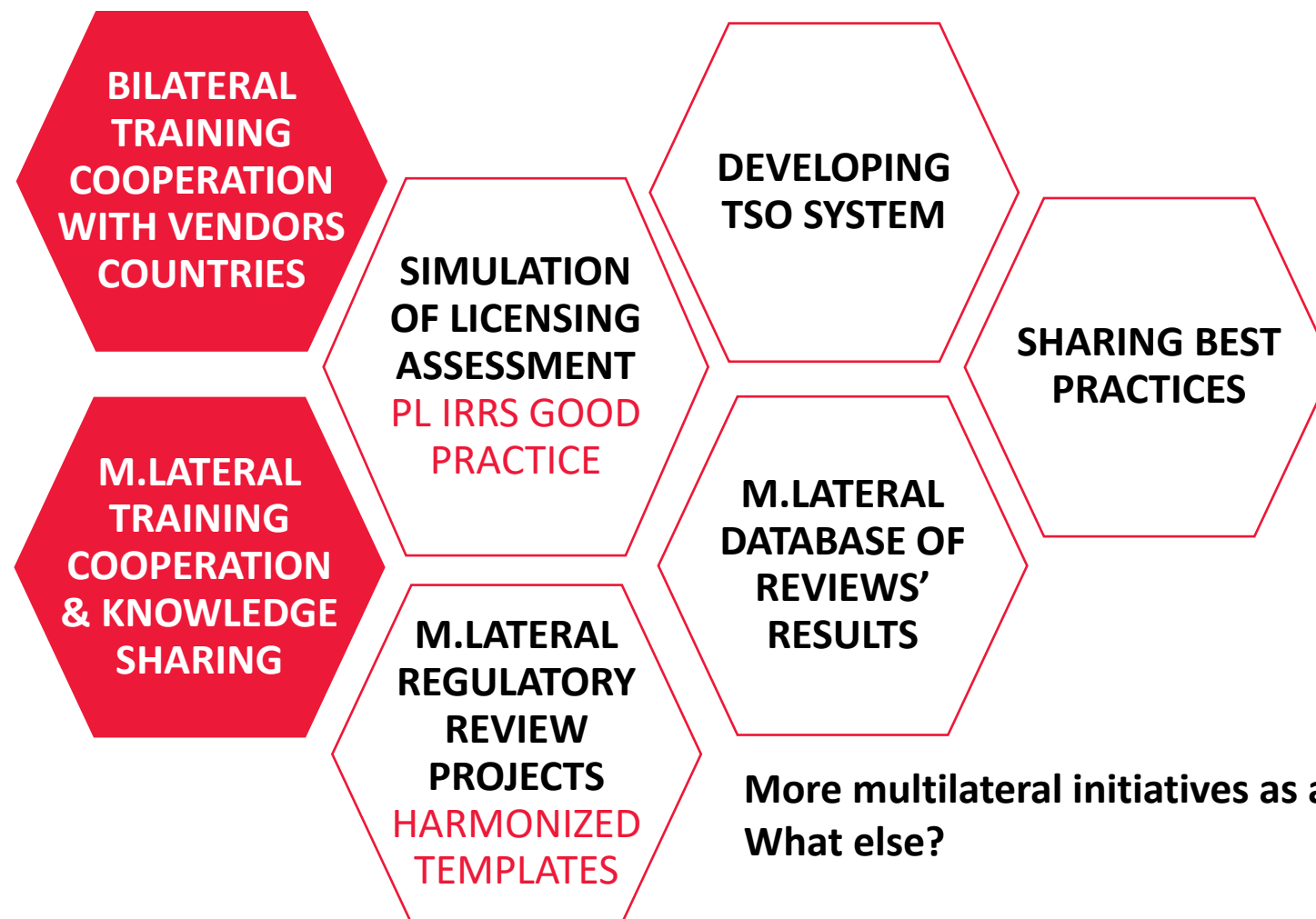
Start early and identify priorities

Make a good use of pre-licensing tools.



Possible solutions

Cooperate with others



More multilateral initiatives as a solution?
What else?

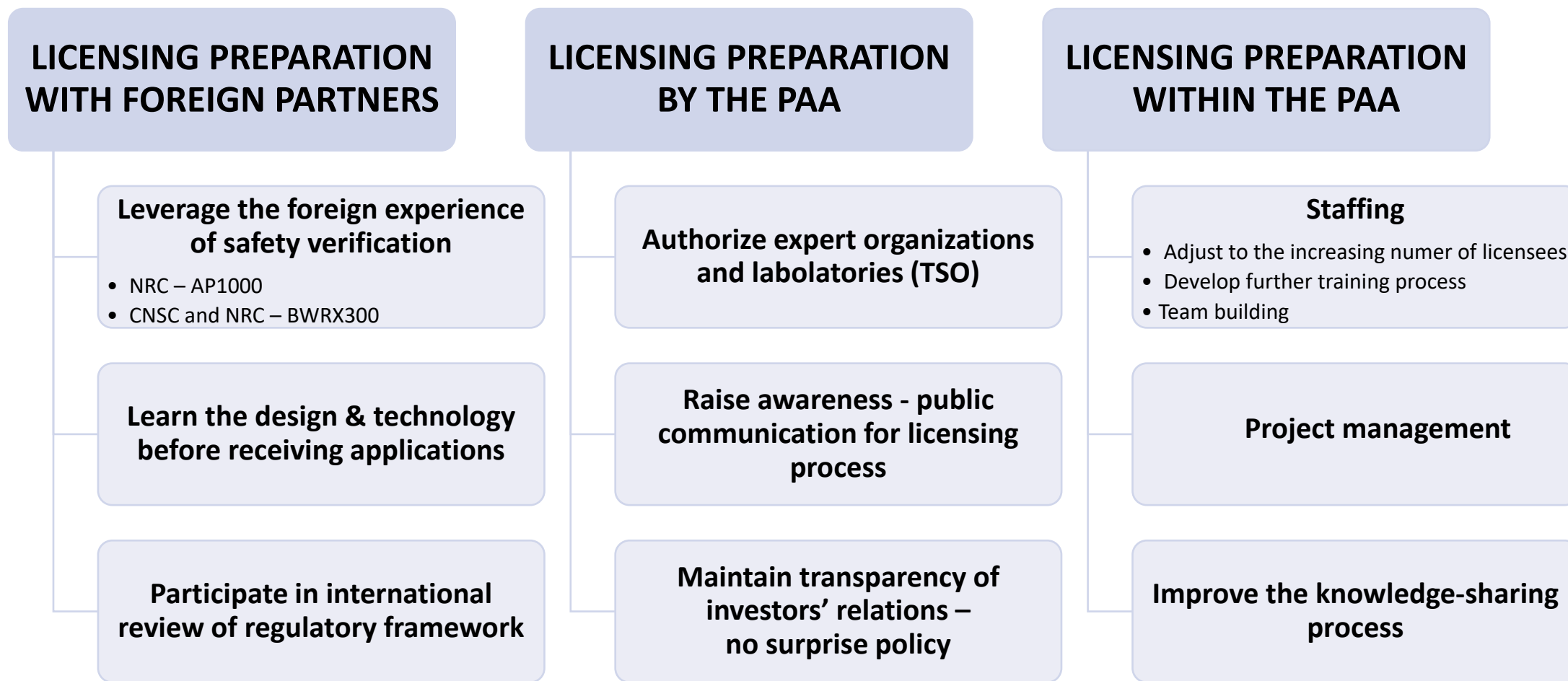
Possible solutions

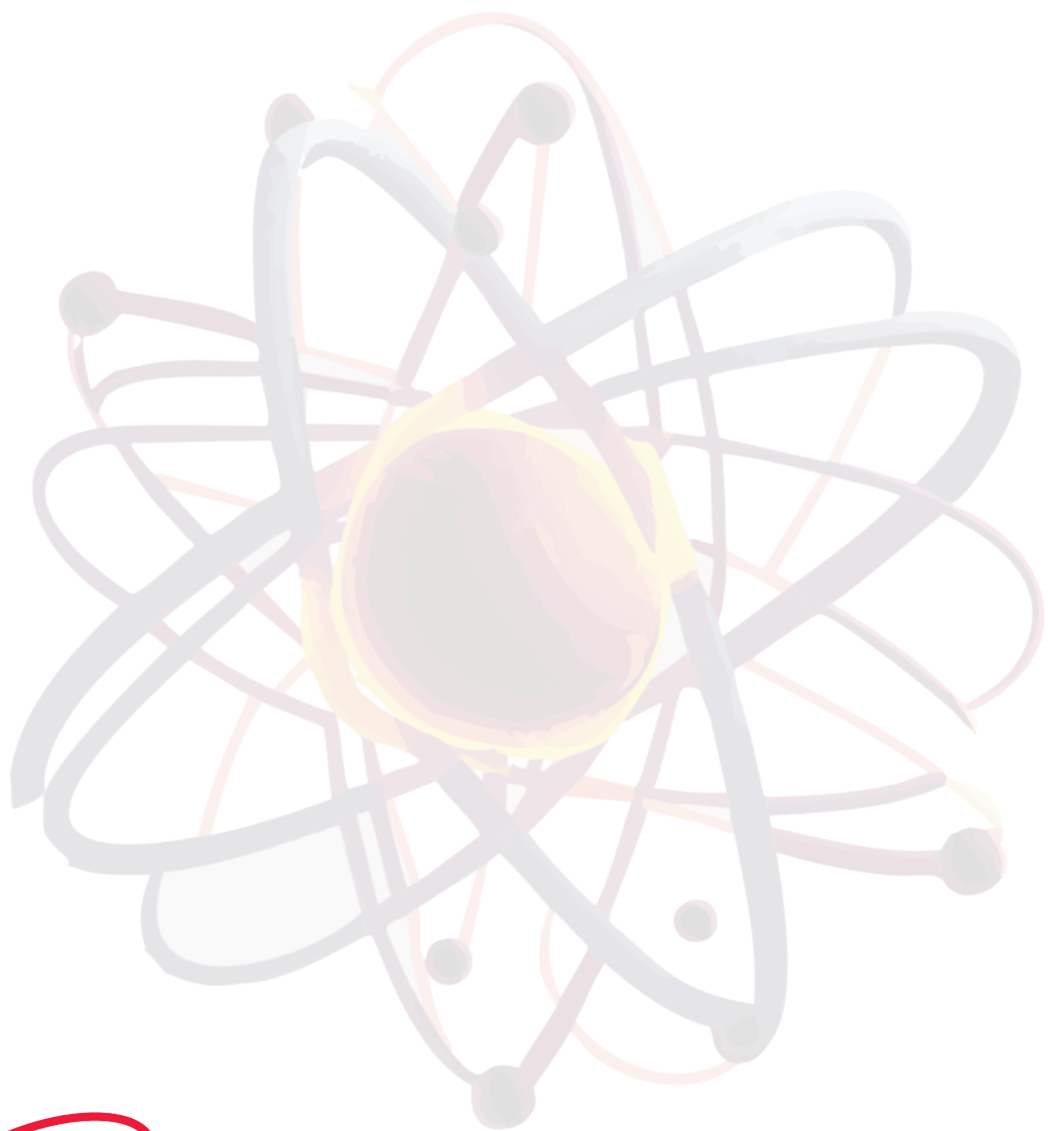
Create attractive workplace



Conclusions

Next steps and challenges





Thank you for your attention.