



SNETP FORWARD

CALL FOR TENDERS

Technico-economic study on the impact of the Ukrainian conflict on the Ukrainian and European wide nuclear R&D&I landscape

Date: 01/06/2023

Since the start of the Ukrainian conflict, the Ukrainian nuclear landscape has been deeply impacted. However, also other European countries have been affected. This study should focus on the impacts of the Ukrainian conflict on the R&D&I landscape in the Ukraine and Europe wide. Not only have Ukrainian facilities been damaged or destroyed, also there has been an outflow of quality personnel across the borders.

It is hardly possible for policy makers to decide what to do to prevent safety incidents and to anticipate an upcoming resurrection of the nuclear R&D&I landscape in the Ukraine, without understanding the state of Ukraine's nuclear infrastructure, the impact of restrictions in R&D&I relations with Russia and Belarus, and the diaspora of the Ukrainian researchers.

Therefore, a study is proposed to address the following questions:

- What is the physical state of the Ukrainian nuclear R&D&I infrastructures?
- Where are the former Ukrainian nuclear researchers employed now and how can this workforce be maintained to return operations in the Ukraine after the conflict?
- What is the state of the Ukrainian training centers and universities?
- How can other European countries anticipate on filling the gap of training centers, universities, and R&D&I infrastructures?
- What are the short- and long term risks of the damage to the Ukrainian R&D&I infrastructures and outflow of personnel with respect to nuclear safety in the Ukraine and Europe at large?

In support to these questions, also the following questions will be helpful to be answered:

- Consult the IAEA to learn what is the state of the Ukrainian (former) NPP sites?
- What is the state of the Ukrainian uranium mines?
- What is the state of the Ukrainian equipment production lines?