

20 October 2026 (Tue)
PWR Prague Conference

From Cooperation to Long-Term Partnership

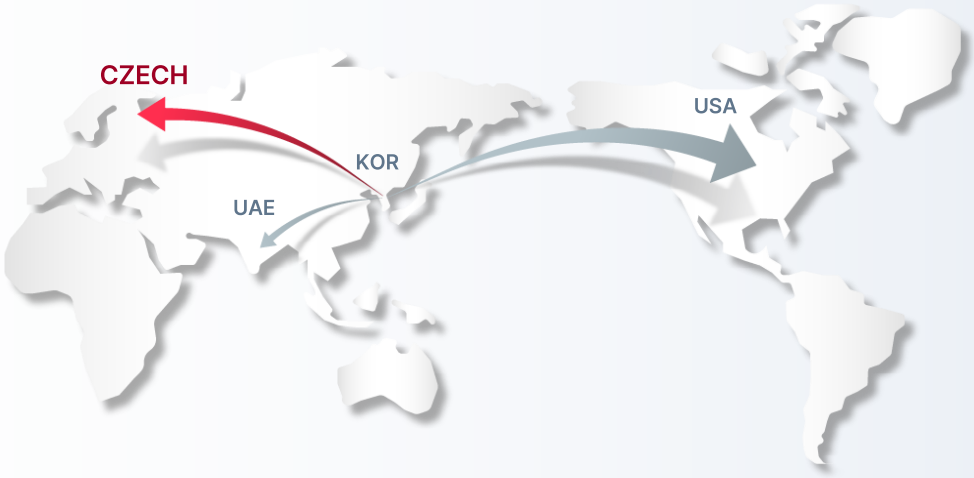
Strengthening Czech–Korean Nuclear Cooperation

FNC TECHNOLOGY CO., LTD.

1 | What is FNC?

FNC Technology

- Private Korean nuclear engineering company established in 2000
- 180 professionals, including 49 Ph.D. and 66 Master's degree holders
- Specialized in nuclear safety, plant engineering, advanced R&D
- Headquarters and research institute in Yongin, near Seoul
- International project experience in Korea, UAE, and United States



2 | Our Expertise

Proven Engineering Expertise

- Nuclear safety analysis, risk assessment, severe accident analysis
- Development of safety analysis codes and advanced safety systems
- In-house experimental facilities for fluid systems and water chemistry

Experience with APR and SMR

- Engineering experience supporting Korean APR technology
- Development of Passive Auxiliary Feedwater Systems (PAFS)
- Participation in development of SMR and advanced nuclear technologies

3 | CZ-KR Cooperation

Growing partnership with Czech Republic

- Joint R&D with TES and Brno University of Technology (2019-2023)
- Cooperation with Czech universities and research organizations
- Supporting internships for Czech students (Master, Ph.D.)
- Two young Czech engineers working at FNC's headquarters in Korea

Supporting Industry and Cultural Exchange

- Partner of Prague Spring International Music Festival since 2025
- Supports Czech-Korea Future Forum (2025 Praha, 2026 Seoul)
- Supporting nuclear industry events (Nuclear Days, PWR Prague, NERS)

4 | Czech Branch Office

FNC Prague Branch – Opening in October 2026

- Strengthening partnerships with Czech industry and research
- Expanding technical cooperation, R&D, and knowledge exchange
- Supporting localization through cooperation with Czech companies





THANK YOU

PWR Prague 2026

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