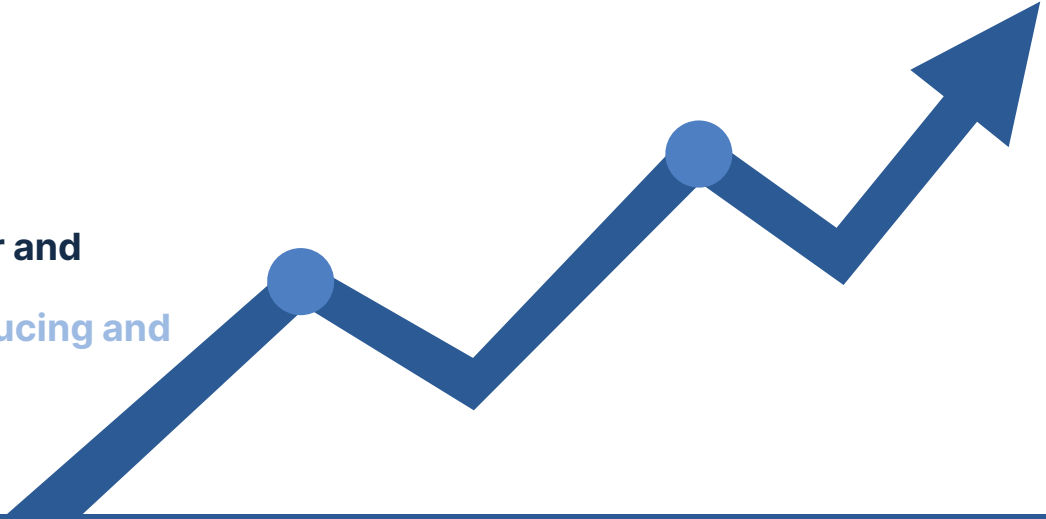


**Comprehensive Solutions in Nuclear and
Radiological Fields**
Engineering, Consulting, Servicing, Producing and
Calibration Expertise



Overview



- K2 is a privately owned company established in 2015 by a team of engineers with extensive experience in nuclear and industrial engineering.
- ◁ • The company's expertise spans main domains as Industrial, Transport, and Medical sectors.
- K2 specializes in serving industries such as Energy, Steel, Cement, Wood, Oil & Gas, and Aluminium, Metrological/Calibration nuclear domain offering tailored solutions and innovation.
- The K2 team is composed of highly motivated and skilled professionals, including electronic engineers and nuclear physicists, dedicated to delivering exceptional results.



Fields of Activity



Industrial

- Providing turn key solutions, Installation, Commissioning and Maintenance of Industrial Equipment with Ionizing Radiation Sources
- Installation, Commissioning and Maintenance of Systems with Radiation Sources on Offshore Platforms
- Design, Producing, Installation, Commissioning and Maintenance of Radiation Portal Monitors (RPM), for trucks and rails
- Design, Producing, Installation, Commissioning and Maintenance of Radiation Area Monitors (RAMK-2), for industrial and medical environments.



Fields of Activity



Transport

- Authorized Transport of Radioactive Materials in Romania
- International Transport of Radioactive Materials (including HASS)
- Consultancy for Maritime and Land Transport Operations
- Transport of Uranium Ore Concentrate (UOC) via the Trans-Caspian Route



1) Authorizations & Consultancy:
Consultation with CNCAN and relevant authorities
Obtaining Licenses: Maritime transport & Storage in transit

2) Radiation Safety Officer (RSO) Services:
RSO with Level 2 Permit for nuclear materials transport
RSO oversees all operations, including transport and storage in transit

3) Port Operations:
Transshipment: Vessel to truck with storage in transit
Handling: storage area handling
Customs Clearance

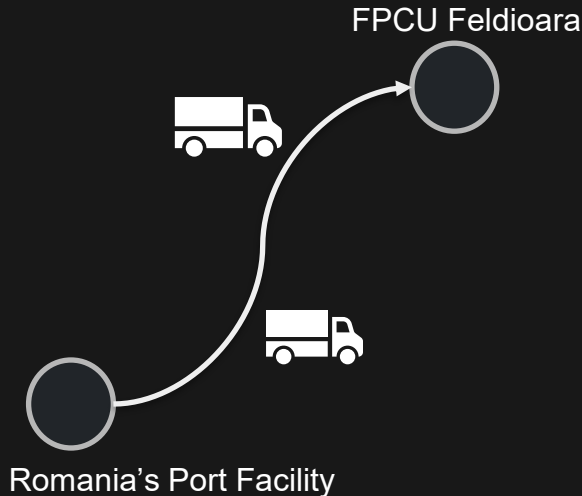
4) Road Transport:
Route: Constanța Port to FPCU Feldioara
Transport: Flat trailers
Convoys: 5 to 10 trucks each

5) Security Protection: Armed guard by Romanian Gendarmerie

Example: Transport of Drummed Uranium Oxide Concentrate (UOC) on Romanian Territory

Transport Overview:

- material: XX containers of UOC
- origin: Kazakhstan
- destination: Romania
- route: Constanța Port to Feldioara, Brașov



Fields of Activity



Radiological Protection

- Decommissioning and Decontamination of Nuclear and Radiological Facilities
- Area Dosimetric Measurements and Reports
- Inspection of Radioactive Contamination/Sealed Source Integrity
- Certified Radiological Protection Experts Accredited by CNCAN (Industrial Applications)
- Radiological Emergency Response Capabilities under National Authority





Other activities and responsibilities

Technical Documentation:

- Preparation of documentation for obtaining various authorizations from CNCAN, including *import/export* license, radiological safety approval, supply, usage, transport, and other related authorizations.
- Calculation briefs for radiation shielding screens
- Emergency response plans for radiological incidents
- Specific working procedures for handling radiological installations

Services:

- Radiation Protection Officer
- Coordination of radiation protection training courses
- Installation, maintenance, repair, and dismantling of radiological installations
- Maintenance work on Laboratory Irradiators
- Project management for complex projects (decommissioning furnaces, construction of a Radiochemistry Excellence Center)
- Technical support for the SLD project

Personal skills & trainings

Our engineers have course trainings regarding nuclear fields such as:

- IAEA certificates
- Schlumberger
- Halliburton
- Berthold Technology
- Euratom
- Oak Ridge
- U.S. Department of Energy - National Nuclear Security Administration under the SLD Program (Second line of defence)



Other activities

Calibration Laboratory for:

- Dose Equivalent for gamma and neutrons
- Absorbed Dose in X-ray Radiation Beams
- Calibration of kVp Meters for X-ray Radiation
- Calibration of Contamination Meters for Alpha, Beta, and Gamma Radiation
- Calibration of Irradiation Stands

CLIENTS



NUCLEARELECTRICA



PHILIP MORRIS
INTERNATIONAL



LafargeHolcim

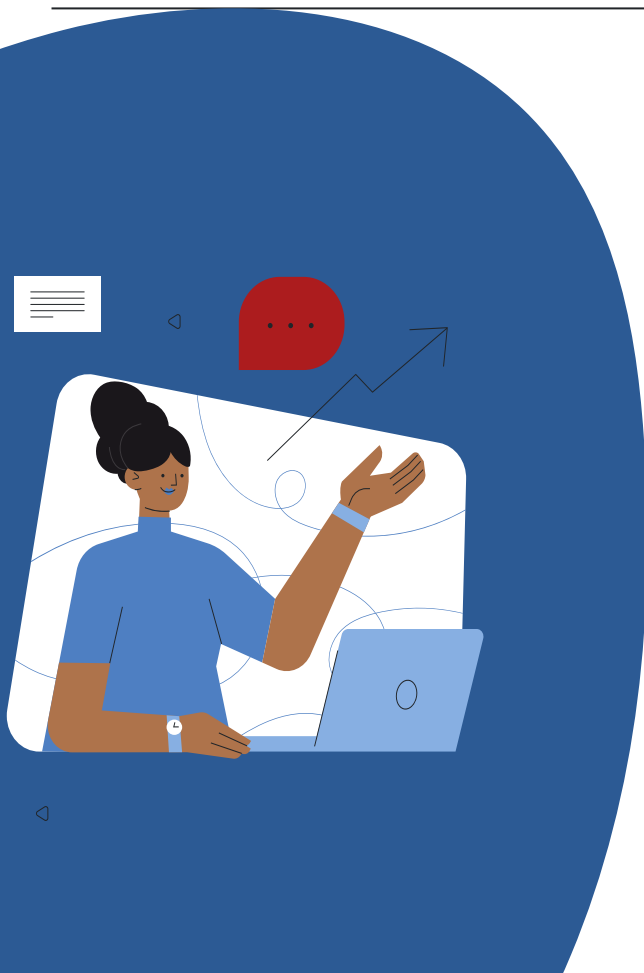


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