

Nuclear Programme & Excellence

Nuclear programme is a major undertaking

that requires careful **planning, preparation, human resources, investment** in time and engagement of relevant institutions. Nuclear power is unique because of **nuclear safety, security** and **safeguards requirements** associated with the usage of **nuclear materials**. **Launching a nuclear power programme**, including the **construction, operation** and **decommissioning** of nuclear facilities is a challenge involving a wide range of competencies and expertise.



DANUBE Capital Advisors (DCA) promotes the enhancement of nuclear safety and provides expertise and advisory with **hands-on experience** and know-how in the nuclear energy field to nuclear **regulatory authorities, power utilities** and **nuclear power programme operators and owners**.

Our experts are trusted professionals with working experience from the European Commission, the European Bank for Reconstruction and Development, the European Investment Bank, the International Atomic Energy Agency, national nuclear safety authorities, operators and owners of nuclear power plants. Their unique skills enable DCA to provide sound advice, consultancy services and informed, well-supported expert opinions in **nuclear safety, radiation protection**, and **environmental protection** areas. Our team draws from decades of experience working on various European nuclear power programmes. DCA strives to become a key player in **nuclear energy expertise** to enhance nuclear safety and radiation protection in Europe and worldwide, to assist **countries embarking nuclear power programmes** with safe and reliable **operation** and **decommissioning** of nuclear power plants.

DCA MAIN GOALS

- ✓ Enhancement and strengthening of the nuclear & radiation safety and environmental protection
- ✓ Safe management of radioactive waste and spent fuel from decommissioning
- ✓ Application of the state-of-the-art science and technology

Planning
Design

Construction
Procurement

Operation
Maintenance

Decommissioning

WE OFFER

- ✓ Independent advice in nuclear safety and radiation protection policy
- ✓ Assistance to nuclear regulators with international safety standards and integrated management systems
- ✓ Renowned, competent, and dedicated European expert teams with long-term experience in following areas:
 - Development and strengthening of national nuclear regulatory frameworks
 - Implementation of international nuclear safety requirements
 - Leadership and management of nuclear safety culture and process based management systems in regulatory authorities and other nuclear energy organizations
 - Inspection plans and activities during the construction, the operation and the decommissioning of nuclear facilities
 - Safety assessment and licensing activities
 - Assistance in EIA process for new nuclear facilities
 - Assistance in strengthening of infrastructure issues for embarking countries to nuclear power programmes
 - Independent evaluation of readiness for the commissioning of nuclear power plants (NPPs)
 - Improvement of operational processes and performance of NPPs
 - LTO (Long Term Operation) strategies and programmes for NPPs
 - Decommissioning strategies and plans for nuclear facilities
 - Waste management and spent nuclear fuel strategies
 - Emergency preparedness in nuclear facilities

We offer the best combination of strengths and skills to be your advisor

DANUBE Capital Advisors is an advisory boutique focusing on strengthening the cooperation between EU - EU Accession & Emerging Markets countries with a strong focus on access to finance, by providing regulatory reforms advisory (functional & effective market) in the nuclear energy field and promoting the state of the art technology (devices, companies, projects, technique and scientific field) with the aim to contribute to poverty reduction and increased shared prosperity through the economic growth, inclusion and sustainable development.



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