

Mr. Horváth, Kristóf Csaba holds a Master of Science degree as Nuclear Engineering Physicist from the Technical University of Budapest, which he attended from 1992 until 1997. Between 2005 and 2006, he obtained a PhD in the National Defence University, with his thesis work on source term estimation after severe accidents occurring in a VVER type reactor.

Mr. Horváth has over 25 years of experience working in the nuclear sector, including 19 years as regulator at the Hungarian Atomic Energy Authority, and 7 years as a senior officer at the International Atomic Energy Agency. His carrier was a continuous sweeping process: (1997) he started his carrier as a nuclear safety inspector being responsible for safety licensing, review and assessment, and inspection of the Paks Nuclear Power Plant and the other Hungarian nuclear facilities, (2004) he led the section of emergency preparedness and response, and internal training of inspectors, (2006) he led the department of safeguards then (2009) the department of safeguards and security of nuclear and other radioactive material and associated facilities and activities, and then (2012) as one of the two deputy director generals lead the regulatory activities in radiation protection, transport safety, nuclear security and nuclear safeguards, as well as the legal affairs, computer security, international relations and public communication. He joined the International Atomic Energy Agency (2017), where he was involved to activities related to establishing, developing and sustaining regulatory regimes, threat assessment, risk management, nuclear safety and security culture, information and computer/cyber security, interface between nuclear and radiation safety and nuclear security, application of safety standards and security guidance to Small Modular Reactors, sabotage protection, safety, security and safeguards by design, emergency preparedness and response. After a promotion (2021) he headed the unit responsible for the security of nuclear material and nuclear facilities, including all the lifetime stages of nuclear fuel cycle facilities from design to decommissioning, from mining to disposal.

Mr. Horváth has broad experience in drafting laws, regulations and regulatory guidelines in Hungary as well as supporting other States, nuclear safety and security licensing, accountancy for nuclear material and registration of radioactive material, information and computer/cyber security, safety and security culture assessment and enhancement, risk informed decision making, training, regulatory control of nuclear and radiological facilities and use, storage and transport of nuclear and other radioactive material, regulatory inspections, reviews and assessments, evaluation of reports, event investigations, enforcement actions, contingency planning, emergency preparedness and response, coordination of national and international research and development, and upgrade projects, ageing management and environmental qualification, radiation protection, transport safety, radioactive waste management and remediation. He is among those few professionals, who worked in each field of regulatory supervision, thus he has extensive experience in safety, security and safeguards.

Mr. Horváth has been involved in a huge number of international projects in more than 50 states, participating in and leading IAEA review (IRRS, OSART, EPREV, INIR) and advisory (IPPAS) missions, providing lectures in IAEA and EURATOM training courses and chairing several IAEA workshops, technical and consultancy meetings. His expertise and leadership skills were recognized by the election to be the president of the European Safeguards Research and Development Association in 2010-2011 and the European Security Regulators' Association in 2015, and participation in ENSREG and EU Art 51 Radiation Protection Committee. He has over 50 publications in technical and scientific journals.

Mr. Horváth is fluent in English and Hungarian and has a good command of German and basic command of French and Russian.