

Governmental Authorities for Nuclear Activities in NEA Member and Select Partner Countries

Updated May 2025

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	Nuclear Policy	Nuclear Regulatory Body	Technical Support Organisation (TSO) ¹
Argentina	Comisión Nacional de Energía Atómica (CNEA) // Argentine Atomic Energy Commission (CNEA)	Autoridad Regulatoria Nuclear (ARN) // Nuclear Regulatory Authority (ARN)	Comisión Nacional de Energía Atómica (CNEA) // Argentine Atomic Energy Commission (CNEA)
Australia	Australian Nuclear Science and Technology Organisation (ANSTO)	Australian Radiation Protection and Nuclear Safety Agency (ARPANSA)	Radiation Health and Safety Advisory Council; Nuclear Safety Committee; and Radiation Health Committee
Austria		Bundesministerium für Innovation, Mobilität und Infrastruktur (BMIMI) // Federal Ministry for Innovation, Mobility and Infrastructure Climate Action, Environment, Energy, Mobility, Innovation and Technology Bundesministerium für Bildung (BMB) // Federal Ministry of Education (BMB)	TU Wien: Technische Universität Wien (TUW) // TU Wien: Vienna University of Technology

¹ According to the IAEA, “Technical and Scientific Support Organizations (TSOs) comprise experts who deliver technical and scientific services to national nuclear regulatory authorities and industry and may advise governments to assist them in achieving the highest possible levels of safety and security for nuclear, waste management, radiation protection, and so on. TSOs comprise professional experts who maintain high levels of competence, have long-standing experience, and are able to provide global, consistent technical and science-based answers and approaches to safety and security — independent of external interests.” In this document, TSO has been interpreted broadly to also include, where appropriate, external organisations that provide research services to national nuclear regulatory authorities.

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Belgium	FÖD Wirtschaft, K.M.B., Mittelstand und Energie [German] // FOD Economie, K.M.O., Middenstand en Energie [Dutch] // SPF Economie, P.M.E., Classes moyennes et Energie [French] // FPS Economy, SMEs and Self-Employed and Energy [English]	Federaal Agentschap voor Nucleaire Controle (FANC) [Dutch] // Agence Fédérale de Contrôle Nucléaire (AFCN) [French] // Federal Agency for Nuclear Control (FANC) [English]	Bel V SKC CEN (Belgian Nuclear Research Center)
Bulgaria	Министерство на енергетиката // The Ministry of Energy	Българската агенция за ядрено регулиране (А Я Р) // Nuclear Regulatory Agency of the Republic of Bulgaria (BNRA)	Institute for Nuclear Research and Nuclear Energy (INRNE) at the Bulgarian Academy of Sciences
Canada	Natural Resources Canada (NRCan)	Canadian Nuclear Safety Commission (CNSC)	No external technical support organisation
China	国家原子能机构 (CAEA) // China Atomic Energy Authority (CAEA)	生态环境部 (国家核安全局) // Ministry of Ecology and Environment (National Nuclear Safety Administration) (MEE (NNSA))	Nuclear and Radiation Safety Center State Council Research Office (SCRO) China National Nuclear Corporation (CNNC) China Institute of Atomic Energy (CIAE)

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Czechia	Ministerstvo průmyslu a obchodu (MPO) // Ministry of Industry and Trade	Státní úřad pro jadernou bezpečnost (SÚJB) // State Office for Nuclear Safety (SÚJB)	Státní ústav jaderné, chemické a biologické ochrany (SÚJCHBO) // National Institute for Nuclear, Chemical and Biological Protection (SÚJCHBO) Státní ústav radiační ochrany (SÚRO) // National Radiation Protection Institute (NRPI) Výzkumný ústav jaderné energie (ČEZ) // Czech Nuclear Research Institute (ČEZ)
Denmark	Klima-, Energi- og Forsyningsministeriet (KEFM) // Danish Ministry of Climate, Energy, and Utilities (KEFM)	Beredskabsstyrelsen (BRS) // Danish Emergency Management Agency (DEMA), Nuclear Division Sundhedsstyrelsen (SST) // Danish Health Authority, Radiation Protection	DTU Nutech // The Technical University of Denmark
Finland	Työ- ja elinkeinoministeriö (TEM) // Ministry of Economic Affairs and Employment (MEAE)	Säteilyturvakeskus (STUK) // Radiation and Nuclear Safety Authority (STUK)	<i>VTT Teknologian tutkimuskeskus</i> // VTT Technical Research Centre of Finland Ltd Lappeenranta Technical University (LUT)

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France	Ministère de la transition écologique, de la biodiversité, de la forêt, de la mer et de la pêche – Direction Générale de l’Energie et du Climat (DGEC) – Direction Générale de la Prévention des Risques (DGPR) // Ministry of Ecological Transition biodiversity, forests, sea and fisheries: – General Direction for Energy and Climate – General Direction for Risk Prevention Commissariat à l’énergie atomique et aux énergies alternatives (CEA) // Alternative Energies and Atomic Energy Commission (CEA)	Autorité de sûreté nucléaire et de radioprotection (ASNR) // Nuclear Safety and Radiation Protection Authority (ASNR)	No external technical support organisation
Germany	Bundesministeriums für Wirtschaft und Klimaschutz (BMWK) // Federal Ministry for Economic Affairs and Climate Action (BMWK)	Bundesministerium für Umwelt, Naturschutz, nukleare Sicherheit und Verbraucherschutz (BMUV) und die zuständigen Behörden der Länder // Federal Ministry for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection (BMUV) and the competent <i>Länder</i> authorities	Gesellschaft für Anlagen- und Reaktorsicherheit (GRS) // Global Research for Safety (GRS) Technischer Überwachungsverein (TÜV)

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Greece	Υπουργείο Παιδείας, έρευνας και Θρησκευμάτων, Γενική Γραμματεία Έρευνας και Τεχνολογίας // Ministry of Education, Research and Religious Affairs, General Secretariat for Research and Technology (GSRT)	Ελληνικής Επιτροπής Ατομικής Ενέργειας (EEAE) // Greek Atomic Energy Commission (EEAE)	Institute of Nuclear Physics – National Center for Scientific Research “Demokritos”
Hungary	Nemzeti Fejlesztési Minisztérium // Ministry of National Development	Országos Atomenergia Hivatal (OAH) // Hungarian Atomic Energy Authority (HAEA)	No single technical support organisation for HAEA, but instead a network of institutes
Iceland	Umhverfis-, orku- og loftslagsráðuneytið // Ministry of Environment, Energy and Climate Orkustofnun // National Energy Authority (NEA)	Icelandic Radiation Safety Authority (IRSA)	Icelandic Radiation Safety Authority (IRSA)
India	परमाणु ऊर्जा विभाग // Department of Atomic Energy (DAE)	परमाणु ऊर्जा नियामक बोर्ड // Atomic Energy Regulatory Board (AERB)	Bhabha Atomic Research Centre (BARC)
Ireland		Environmental Protection Agency (EPA), Office of Radiological Protection	Radiological Protection Institute of Ireland (RPII)

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Italy	Ministero dell'Ambiente e della Sicurezza Energetica // Ministry of Environment and Energy Security	Ispettorato Nazionale per la Sicurezza Nucleare e la Radioprotezione (ISIN) // National Inspectorate for Nuclear Safety and Radiation Protection (ISIN)	National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA)
Japan	原子力委員会 (AEC) // Japan Atomic Energy Commission (JAEC) (Policy) 経済産業省 (METI) // Ministry of Economy, Trade and Industry (METI) (Promotion)	原子力規制委員会 (NRA) // Nuclear Regulation Authority (NRA)	日本原子力研究開発機構 (JAEA) // Japan Atomic Energy Agency (JAEA) 量子科学技術研究開発機構 (QST) // National Institutes for Quantum and Radiological Science and Technology (QST)
Korea	원자력진흥위원회 (AEC) // Atomic Energy Commission (AEC) (Policy) 산업통상자원부 (MOTIE) // Ministry of Trade, Industry and Energy (MOTIE) (Promotion)	원자력안전위원회 (NSSC) // Nuclear Safety and Security Commission (NSSC)	한국원자력안전기술원 (KINS) // Korea Institute of Nuclear Safety (KINS) 한국원자력연구원 (KAERI) // Korea Atomic Energy Research Institute (KAERI)

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Luxembourg	Ministère de l'Énergie et de l'Aménagement du territoire, Direction général Energie // Ministry of Energy and Spatial Planning, Energy Directorate	Division de la Radioprotection // Department of Radiation Protection (DRP)	Division de la Radioprotection // Department of Radiation Protection (DRP)
Mexico	Secretaría de Energía (SENER) // Ministry of Energy	Comisión Nacional de Seguridad Nuclear y Salvaguardias (CNSNS) // National Commission on Nuclear Safety and Safeguards (CNSNS)	Instituto Nacional de Investigaciones Nucleares, (ININ) // National Institute for Nuclear Research
Netherlands	Ministerie van Klimaat en Groene Groei // Ministry of Climate Policy and Green Growth	Autoriteit Nucleaire Veiligheid en Stralingsbescherming (ANVS) // Authority on Nuclear Safety and Radiation Protection (ANVS)	Gesellschaft für Anlagen- und Reaktorsicherheit (GRS) // Global Research for Safety (GRS) Nuclear Research & Consultancy Group (NRG)

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Norway	Helse- og omsorgsdepartementet // Ministry of Health and Care Services Utenriksdepartement // Ministry of Foreign Affairs Klima- og miljødepartementet (KLD) // Ministry of Climate and Environment (KLD)	Direktoratet for strålevern og atomsikkerhet (DSA) // Norwegian Radiation and Nuclear Safety Authority (DSA)	Institutt for energiteknikk (IFE) // Institute for Energy Technology (IFE)
Poland	Ministerstwo Klimatu i Środowiska // Nuclear Energy Department of the Ministry of Climate and Environment	Państwowa Agencji Atomistyki (PAA) // National Atomic Energy Agency (PAA)	Various institutes and universities
Portugal	Ministério do Ambiente, e Energia // Ministry of Environment and Energy	Agência Portuguesa do Ambiente // Portuguese Environmental Agency	Various national institutions and experts

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Romania	Ministerul Energiei // Ministry of Energy	Comisia Națională pentru Controlul Activităților Nucleare (CNCAN) // National Commission for Nuclear Activities Control (CNCAN)	Regia Autonomă de Tehnologii pentru Energia Nucleară (RATEN) // Technologies for Nuclear Energy State Owned Company (RATEN) Institutul de Cercetări Nucleare (ICN) // Institute for Nuclear Research (ICN)
Russia²	Государственная корпорация по атомной энергии (Росатом) // The State Atomic Energy Corporation ROSATOM (ROSATOM)	Федеральная служба по экологическому, технологическому и атомному надзору (РОСТЕХНАДЗОР) // Federal Environmental, Industrial and Nuclear Supervision Service (Rostechнадзор)	Научно-технический центр по ядерной и радиационной безопасности // Scientific and Engineering Center for Nuclear and Radiation Safety (SEC NRS) ВО Безопасность // VO Safety
Slovak Republic	Ministerstvo hospodárstva Slovenskej republiky // Ministry of Economy of the Slovak Republic	Úrad jadrového dozoru Slovenskej Republiky (ÚJD SR) // Nuclear Regulatory Authority of the Slovak Republic (ÚJD SR)	Vyskumny ustav jadrovej elektrarni (VUJE) // Nuclear Power Plant Research Institute (VUJE) NUCCON GmbH, Nuclear Safety and Technology, Vienna, Austria

² Suspended Member

Slovenia	Ministrstvo za infrastrukturo (MZI) // Ministry of Infrastructure	Uprava Republike Slovenije za jedrsko varnost (URSJV) kot organ v sestavi Ministrstva za okolje in prostor // Slovenian Nuclear Safety Administration (SNSA) as a regulatory body within the Ministry of Environment and Spatial Planning	Inštitut “Jožef Stefan” - Ljubljana, Slovenija (IJS) // Jožef Stefan Institute Inštitut za kovinske materiale in tehnologije (IMT) – Ljubljana, Slovenija // Institute of Metals and Technology Inštitut za metalne konstrukcije (IMK) – Ljubljana, Slovenija // Institute of Metal Constructions Inštitut za varilstvo – Ljubljana, Slovenija // Welding Institute Elektroinštitut Milan Vidmar (EIMV) – Ljubljana, Slovenija // Milan Vidmar Electric Power Research Institute IBE, svetovanje, projektiranje in inženiring – Ljubljana, Slovenija // IBE Consulting Engineers Zavod za varstvo pri delu (ZVD) - Ljubljana, Slovenija //
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			Institute of Occupational Safety Fakulteta za strojništvo Univerze v Ljubljani (FS) – Slovenija // Faculty of Mechanical Engineering INKO Svetovanje – Ljubljana, Slovenija // INKO Consulting SIPRO Inženiring – Krško, Slovenija // SIPRO Inženiring EKONERG, Institut za energetiku i zaštitu okoliša – Zagreb, Croatia // EKONERG – Energy and Environmental Protection Institute ENCONET – Zagreb, Croatia // ENCONET Fakultet elektrotehnike i računarstva (FER) – Zagreb, Croatia // Faculty of Electrical Engineering and Computing, University of Zagreb Institut za elektroprivredu (IE) – Zagreb, Croatia
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			// Institute for electricity and energy APPOS – Zabog, Croatia // APOSS Enconet Consulting GmbH (ENCO) – Vienna, Austria
Spain	Ministerio para la Transición Ecológica y el Reto Demográfico // Ministry for the Ecological Transition and the Demographic Challenge	Consejo de Seguridad Nuclear (CSN) // Nuclear Safety Council (CSN)	No technical support organisation
Sweden	Klimat- och näringsdepartementet // Ministry of Climate and Enterprise	Strålsäkerhetsmyndigheten (SSM) // Swedish Radiation Safety Authority (SSM)	No technical support organisation

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Switzerland	Eidgenössisches Departement für Umwelt, Verkehr, Energie und Kommunikation (UVEK) [German] // Département fédéral de l'environnement, des transports, de l'énergie et de la communication (DETEC) [French] // Dipartimento federale dell'ambiente, dei trasporti, dell'energia e delle comunicazioni (DATEC) [Italian] // Federal Department of the Environment, Transport, Energy and Communications (DETEC) [English]	Eidgenössische Nuklearsicherheitsinspektorat (ENSI) [German] // Inspection fédérale de la sécurité nucléaire (IFSN) [French] // Ispettorato federale della sicurezza nucleare (IFSN) [Italian] // Swiss Federal Nuclear Safety Inspectorate (ENSI) [English]	No technical support organisation
Türkiye	Ministry of Energy and Natural Resources (MENR) Turkish Energy, Nuclear, Mineral Research Authority (TENMAK)	Nükleer Düzenleme Kurumu (NDK) // Nuclear Regulatory Authority (NDK)	Nükleer Teknik Destek Anonim Şirketi (NÜTED) // Nuclear Technical Support Incorporated Company (NÜTED) Çekmece Nükleer Araştırma ve Eğitim Merkezi // CENG
United Kingdom	Department for Energy Security and Net Zero (DESNZ)	Office for Nuclear Regulation (ONR)	National Nuclear Laboratory (NNL)

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United States	Department of Energy (DOE)	Nuclear Regulatory Commission (NRC)	No external technical support organisation