NEW TCEU REGIONAL PROJECTS APPROVED FOR THE 2022-2023 CYCLE
CRITERIA FOR PARTICIPATION
DEADLINE 20 JANURAY 2021

Instructions for NLOs/NLAs:

Please add the names and full contact details of the counterparts for those projects which your country wishes to participate in accordance with the respective criteria and return to TCEU Division by email (J.Abazi@iaea.org and I.Beria@iaea.org) not later than 20 January 2022

Member State: REPUBLIC OF SERBIA

Proj.Design/ TC Project No.	Title	Objective	Criteria for Member State (MS) participation and national counterparts	PMO/TO Name(s) and e-mail	Lead Project Coordinator (LPC)	Designated Counterpart *Provide full contact details*
RER2020003 / RER2018	**Analysing Low Carbon Pathways towards an Ambitious Decarbonized Energy Sector by 2050**	To assist Member States in achieving the Paris Agreement target and aid in the preparation of their National Energy and Climate Plans and Nationally Determined Contributions.	**Target Member States:** • Member States interested in increasing their capacity in evaluating and assessing the role of energy technologies to climate change mitigation. • Member States interested and committed to use capacity gained in developing and/or updating their NDCs and NECPs. **Target Counterparts:** • Institutions mandated with the development of energy and/or climate plans and strategies in their countries, specifically NDCs and NECPs. • Specialists in energy and climate planning with direct involvement in related policy making and NDC/NECP development.	**PMO:** HENRICH, Christoph c.henrich@iaea.org **TO**: WELSCH, Manuel (NEPK) M.Welsch@iaea.org	Mr Zeljko Tomsic University of Zagreb; Faculty of Electrical Engineering and Computing (FER) Department of Energy and Power Systems Unska 3 10000 Zagreb CROATIA Phone: +385 16 129 983 Fax: +385 16 129 890 E-mail: zeljko.tomsic@fer.hr	**Dr Vladimir NIKOLIĆ** *Professional designation:* Research Professor PhD in Physical Chemistry *Counterpart Institution & Contact Details:* Institute of General and Physical Chemistry Studentski Trg 12/V 11000 Belgrade SERBIA E-Mail: nikolic79@gmail.com Mobile: +381 69 24 24 075

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RER2020004 / RER5027	**Enhancing Preparedness Capacities of the Veterinary Sector to Confront with Emerging and Re-emerging Diseases of Livestock and Wildlife**	To strengthen veterinary capacities and protection of animal health, production and trade to reduce hunger and poverty.	**Target Member States:** • Member States with officially designated veterinary laboratories for a detection and / or differentiation of animal diseases; and/or capture, detection and differentiation of animal disease vector carriers (primarily, but not exclusively, arthropod vectors). **Target Counterparts:** • Professionals working in the officially designated veterinary laboratories for detection and / or differentiation of animal diseases; and/or • Professionals working in the officially designated laboratories for capture, detection and differentiation of animal disease vector carriers (primarily, but not exclusively, arthropod vectors). Target in the project, where appropriate, will be also national sectors which are close related to the work of the laboratories, such as the veterinary authorities and wildlife services.	**PMO**: Ludmila, WISZCZOR L.Wiszczor@iaea.org **TO**: Ivancho Naletoski (NAFA) I.Naletoski@iaea.org	Ms Lorena Jemersic Croatian Veterinary Institute Savska cesta 143 10000 Zagreb CROATIA Phone + 385 16 123 645 E-mail: jemersic@veinst.hr	**Mr Mišo KOLAREVIĆ** *Professional designation*: dr.vet.spec *Counterpart Institution & Contact Details*: Veterinary Specialized Institute Kraljevo Zicka 34 36000 Kraljevo SERBIA E-mail: miso.kolarevic@gmail.com kolarevic@vsikv.com Phone +381 36 361 361 Mobile +381 64 8247 508
RER2020005 / RER9157	**Strengthening Implementation of the Justified and Optimized Use of Ionizing**	To enhance radiation protection and safety in medical uses of ionizing radiation through improved implementation of	**Target Member States:** • The project is oriented towards the Members States with an established regulatory framework in the area of medical exposure in line with IAEA GSR Part 3, although support will also be provided to the Member States that	**PMO:** KATUKHOV, Alexey A.Katukhov@iaea.org **TO:**	Mr Dario Faj Medical Faculty; University J.J. Strossmayer J. Huttlera 4	**Ms Snežana ALEMPIJEVIĆ** *Professional designation*: Master Engineer of Technology *Counterpart Institution & Contact Details:*

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	Radiation in Medicine	the requirements for justification, optimization, and prevention of unintended and accidental medical exposure.	are still in the process of developing an adequate framework in line with the GSR Part 3 requirements. **Target Counterparts:** • Institutions (healthcare providers or government organizations) with deep understanding of all elements of radiation protection of patients in diagnostic and interventional radiology, nuclear medicine, and radiotherapy.	VASSILEVA, Jenia Nachkova (NSRW) J.Vassileva@iaea.org	31000 Osijek CROATIA Telephone + 385 31 511 478 E-mail: dariofaj@mefos.hr	Serbian Radiation and Nuclear Safety and Security Directorate Terazije 41a/IV 11000 Belgrade SERBIA E-Mail: alempijevic@srbatom.gov.rs Phone: +381 11 455 0 505 Mobile: +381 63 618 983
RER2020007/ RER1023	**Harmonizing Implementation of Radiotracer and Sealed Sources Techniques for Efficient Use of Natural Resources and Environmental Monitoring**	To harmonise and strengthen Member States' capabilities for radiotracers and sealed source technologies as applied in the efficient and sustainable management of natural resources and environment preservation and remediation.	**Target Member States:** • Member States which have or intend to establish radiotracers and nucleonic gauges technology applications in industry & environment. **Target Counterparts:** • Institutions equipped with the necessary infrastructure and human resources to carry out radiotracer and nucleonic gauges applications in industry & environment. • Institutions have the physical infrastructure (e.g., suitable buildings, laboratory facilities, necessary materials and equipment like data acquisition systems, detectors, radiation sources, radiotracers, nucleonic gauges, modelling software). • Institutions have the experts with knowledge regarding radiotracers, availability for open and sealed sources and nucleonic gauges applications;	**PMO:** FURUSAWA, Tomo T.Furusawa@iaea.org **TO**: MAGHELLA SEMINARIO, Gerardo G.Maghella-Seminario@iaea.org	Mr. Andrzej Grzegorz Chmielewski Institute of Nuclear Chemistry and Technology ul. Dorodna 16 03-195 Warsaw POLAND Email: a.chmielewski@ichtj.waw.pl Phone: +48 225041205 Fax: +48 228111532	**SERBIA IS INTERESTED IN PARTICIPATING IN THE PROJECT. CP DETAILS SHALL BE SUBMITTED LATER.**

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			radiochemistry or radiometric laboratories. • Institutions have the information on industrial and environmental users of radiotracer and nucleonic gauges technology in the country.			
RER2020012 / RER9160	**Strengthening Capabilities on Safety Assessment and Risk Informed Decision Making for Severe Accidents and Off-Site Consequences**	To strengthen the capabilities of Member States in the area of risk informed approaches to support severe accident management.	**Target Member States:** • Member States interested in increasing their capacity in severe accident management and analyses of offsite consequences for nuclear installations. **Target Counterparts:** • Institutions mandated with development of regulations on severe accident management and analyses of offsite consequences. • Institutions mandated with severe accident analysis and SAMG development or off-site consequence simulations and/or equipped with relevant tools for such analysis. • Institutions/authorities/bodies involved in the development of deterministic and probabilistic safety analysis for nuclear installations. • Specialists/experts having experience or interested to strengthen their knowledge in the area of severe accident management and analyses of offsite consequences and using the risk-informed techniques to support these analyses.	**PMO:** Emina ALIC e.alic@iaea.org **TO**: POGHOSYAN, Shahen (NSNI) S.Poghosyan@iaea.org		**Mr Milan VUJOVIĆ** *Professional designation*: MSc EECs, Nuclear Engineer *Counterpart Institution & Contact Details:* Serbian Radiation and Nuclear Safety and Security Directorate Terazije 41a/IV 11000 Belgrade SERBIA E-Mail: vujovic@srbatom.gov.rs Phone: +381 11 455 0 500 Mobile: +381 63 655 978

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RER2020019 / RER6041	**Enhancing and Harmonizing Nuclear Medicine and Diagnostic Imaging Capabilities**	To improve the management of patients with most fatal conditions, including non-communicable diseases, infections and communicable diseases, with the use of nuclear medicine and radiology techniques.	**Target Member States:** • Member States interested in strengthening nuclear medicine applications for the diagnosis and therapy of non-communicable diseases, and the use of novel radiopharmaceuticals for theranostics. • Member States are expected to have a nuclear medicine facility, or intending to introduce nuclear medicine. • All participating Member States should have national radiation safety regulatory authorities, national laws and safety regulations. **Target Counterparts:** • Nominated counterpart should be nuclear medicine professionals (nuclear medicine physicians/radiologists, medical physicists, radiopharmacist, and technologitst) who work in nuclear medicine facilities in MSs.	**PMO:** Mayumi YAMAMOTO, M.Yamamoto@iaea.org **TO**: JALILIAN, Amirreza (NAPC) A.Jalilian@iaea.org PAEZ, Diana Isabel Gutierrez (NAHU) D.Paez@iaea.org ESTRADA LOBATO, Enrique (NAHU) E.Estrada-Lobato@iaea.org	Mr Sergei Nazarenko Raua 8-16 10124 Tallinn ESTONIA Email: Sergei.Nazarenko@gmail.com Phone: 3725015558 Fax: 3726171493	**Mr Vojislav ANTIĆ** *Professional designation*: PhD EE, Medical Engineer, Medical physics specialist, Assistant Research Professor *Counterpart Institution & Contact Details:* University Clinical Center of Serbia, Pasterova 2, 11000 Belgrade SERBIA E-Mail: antic.vojislav@gmail.com Phone: +381 11 3663888 Mobile: +381 66 8301833
RER2020020 / RER6040	**Enhancing Radiotherapy Delivery Through Improved Use of Advanced Dosimetry and Radiotherapy Techniques**	To improve radiotherapy delivery for effective and safer treatment through use of advanced dosimetry and radiotherapy techniques.	**Target Member States:** • Member States interested in improving radiotherapy service through QA and training for advanced RT techniques. • Availability of at least one radiotherapy department involved in modern radiotherapy treatment in participating Member States. • All participating Member States should have national radiation safety	**PMO:** Mayumi YAMAMOTO, M.Yamamoto@iaea.org **TO**: AKBAROV, Kamal (NAHU) K.Akbarov@iaea.org	Ms Borislava Petrović Institute of Oncology Vojvodina Put Dr Goldmana 4 21204 Sremska Kamenica SERBIA	**Ms Borislava PETROVIĆ** *Professional designation*: PhD, Medical Physicist Qualified *Counterpart Institution & Contact Details*: Institute of Oncology Vojvodina Put Dr Goldmana 4 21204 Sremska Kamenica SERBIA

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			regulatory authorities, national laws and safety regulations. **Target Counterparts:** • Nominated counterpart should be radiotherapy professionals (RO, MP, RT) who work in cancer centres in MSs.	KAZANTSEV, Pavel (NAHU) P.Kazantsev@iaea.org	Email: nsbim@eunet.rs Phone: +381 21 4805 643 Fax: +381 21 6613741	Email: nsbim@eunet.rs Phone: +381 21 4805 643 Fax: +381 21 6613741
RER2020021 / RER1022	**Enhancing Utilization and Safety of Research Reactors**	To enhance utilisation and support the safe operation of the research reactors in the region.	**Target Member States:** • The project is oriented towards the Members States operational or shut-down research reactor, having plans to embark on a research reactor or having educational programmes to be supported using research reactor from other countries. **Target Counterparts:** • Counterparts should have an operational or shut-down research reactor or an educational programme to be supported by using research reactors from other countries.	**PMO:** KATUKHOV, Alexey A.Katukhov@iaea.org **TO:** SITNIKOV, Andrey (NENP) A.Sitnikov@iaea.org SUN, Kaichao (NSNI) K.Sun@iaea.org PESSOA BARRADAS, Nuno (NAPC) N.Pessoa-Barradas@iaea.org	Mr Abdurakhim Dosimbaev Institute of Nuclear Physics, Academy of Sciences of the Republic of Uzbekistan Mirzo-Ulugbek Distr. 101214 Tashkent UZBEKISTAN Telephone + 99890 620 6332 E-mail: dosimbaev@inp.uz	/
RER2020022 / RER9158	**Strengthening the Regulatory Infrastructure**	Contribute to protecting workers, public and the environment from the hazardous	**Target Member States:** • MS participating in the TCEU programme in need of targeted support to address different priority areas within the regulatory infrastructure.	**PMO**: Carmina Elizabeth, JIMENEZ VELASCO C.Jimenez@iaea.org	Mr Vaidas Statkus Radiation Protection Centre	**Ms Ivana AVRAMOVIĆ** *Professional designation:* Dipl. ing, Nuclear Engineer

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	for Radiation Safety	effects of ionising radiation.	• MS lacking important elements of the regulatory infrastructure, MS that to improve their core regulatory activities, and/or MS that need to enforce the regulatory bodies' management systems. **Target Counterparts:** • Institutions/authorities/bodies involved in the development and implementation of radiation safety regulations or that have a coordination role to facilitate this. • The requirements of project counterparts are to complete a tailored SARIS question set (on functions and responsibilities of the national competent authorities) and to update/endorse/publish RASIMS profiles once a year.	**TO:** Olga German (NSRW) O.German@iaea.org Flavio Andrada-Contardi (NSRW) F.Andrada-Contardi@iaea.org Manuel Recio Santamaria (NSRW) M.Recio@iaea.org	Kalvariju 153, LT-08221 Vilnius, LITHUANIA Tel.: +370 5 236 1936 Email: vaidas.statkus@rsc.lt	*Counterpart Institution & Contact Details:* Serbian Radiation and Nuclear Safety and Security Directorate Terazije 41a/IV 11000 Belgrade SERBIA E-Mail: avramovic@srbatom.gov.rs Phone: +381 11 3061 461 Fax: +381 11 3061 552
RER2020025 / RER5028	**Improving Efficiency in Water and Soil Management**	To contribute to improving and strengthening the regional capacity in applying nuclear techniques for improving land and water management under climate change.	**Target Member States:** • All Member States which have problems with agricultural water management and soil erosion, and which have intention to improve land and water management with the help of nuclear techniques. **Target Counterparts:** • Research and education institutions (universities and governmental research institutes) having basic laboratory and human capacities for research of land and water management and having an intention to build capacities for nuclear and isotopic techniques used in soil and water management, mainly the	**PMO:** Ludmila, WISZCZOR L.Wiszczor@iaea.org **TO:** Emil Fulajtar(NAFA) E.Fulajtar@iaea.org	Ms Aurora Ranca Research Station for Viticulture and Oenology Murfatlar Calea Bucuresti, no.2, 905100 Murfatlar ROMANIA E-mail: aurororaranca@yahoo.com	**Ms Snežana DRAGOVIĆ** *Professional designation*: Principal Research Fellow, PhD in Physical Chemistry *Counterpart Institution & Contact Details*: "VINČA" Institute of Nuclear Sciences – National Institute of the Republic of Serbia, University of Belgrade Mike Petrovića Alasa 12-14 11351 Belgrade SERBIA Email: sdragovic@vin.bg.ac.rs Phone: +381 11 3408 104 Mobile: +381 63 172 5464

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			techniques based on gamma ray and neutron detection.			
RER2020038 / RER0048	**Enhancing National Legal Frameworks**	To assist Member States in the Europe and Central Asia region in establishing and maintaining adequate national legal frameworks for the safe, secure and peaceful use of nuclear energy and ionising radiation, in line with relevant international legal instruments, IAEA safety standards and guidance documents.	**Target Member States:** • Member States interested in establishing or strengthening the country's national legal framework. The Governments of the participating Member States are required to give a firm commitment to the assessment and enhancement of the national legal framework. **Target Counterparts:** • Designated Government officials responsible for activities related to assessment and revision of the nuclear legal framework, including the preparation of Member State specific work plan of activities.	**PMO:** Sandra Steyskal s.steyskal@iaea.org **TO**: Antony Christian, WETHERALL (OLA) A.Wetherall@iaea.org	TBC	**Ms Jasmina MILOVANOVIĆ** *Professional designation:* Special Adviser for Oversight *Counterpart Institution & Contact Details:* Serbian Radiation and Nuclear Safety and Security Directorate Terazije 41a/IV 11000 Belgrade SERBIA E-Mail: milovanovic@srbatom.gov.rs Phone: +381 11 455 0 500 Mobile: +381 63 651 583
RER2020039 / RER0049	**Enhancing the Capacities of Educational Institutions for the Sustainable use of Nuclear Technologies**	To enhance capacity and quality of educational institutions for the sustainable, safe, and secure use of nuclear technologies	**Target Member States:** • Member States interested in increasing their capacity and quality of educational institutions (universities) for the sustainable, safe, and secure use of nuclear technologies **Target Counterparts:** • Educational institutions (universities) • Nuclear organizations including governmental and regulatory authorities and national nuclear organization	**PMO:** Emina, ALIC E.Alic@iaea.org **TO:** Eric Edward Freeman (NSOC) E.Freeman@iaea.org		**Ms Milica MARČETA KANINSKI** *Professional designation:* PhD in Physical Chemistry Research Professor *Counterpart Institution & Contact Details:* Institute of General and Physical Chemistry Studentski Trg 12/V 11000 Belgrade SERBIA E-Mail: milica1@gmail.com

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				Geza Macsuga(NSNI) G.Macsuga@iaea.org Tea Bilic Zabric(NSNI) T.Bilic-Zabric@iaea.org		Mobile: +381 63 1208130
RER2020041 / RER6042	**Building Capacities of Medical Physicists in Diagnostic Radiology to Support the Establishment of Quality Management Systems**	To improve quality and safety in diagnostic and interventional radiology in the region by building the capacity of medical physicists through increase of their knowledge, skills, and competences.	**Target Member States:** • Member States that are in different stages of development of capacities in diagnostic radiology medical physics. **Target Counterparts:** • Counterpart institutions should be able to make an impact on safe use of radiation sources in diagnostic and interventional radiology trough medical physics activities.	**PMO:** KATUKHOV, Alexey A.Katukhov@iaea.org **TO:** Giorgia Loreti(NAHU) G.Loreti@iaea.org Olivera Ciraj Bjelac (NAHU) O.Ciraj-Bjelac@iaea.org Olivier Jacques Pellet (NAHU) O.Pellet@iaea.org	Mr Adnan Beganovic Clinical Center University of Sarajevo Bolnicka 25 71000 Sarajevo BOSNIA AND HERZEGOVINA Tel: +38733298808 E-mail: adnanbeg@gmail.com	**SERBIA IS INTERESTED IN PARTICIPATING IN THE PROJECT. CP DETAILS SHALL BE SUBMITTED LATER.**
RER2020042/ RER9159	**Enhancing the Application of the Principles of Radiation Protection to Control the**	To strengthen the capacity of the Member States to protect the public from radiation exposure to	**Target Member States:** • MSs interested in enhancing understanding and application of radiation protection concepts to control public exposure to radioactive sources such as consumer products,	**PMO:** Tomoko, FURASAWA T.Furusawa@iaea.org **TO:**	TBC	**Ms Maja EREMIĆ SAVKOVIĆ** *Professional designation:* MSc Physicist *Counterpart Institution & Contact Details:*

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	Exposure of the Public	consumer products, non-medical human imaging, inspection devices and commodities.	non-medical human imaging, inspection devices, and commodities; • MSs aiming for better implementation of the GSR Part 3 and improved TSA4 in RASIMS2; • MSs having the basic public radiation protection arrangements in place, the technical services available, and the important end-users identified. **Target Counterparts:** • Authorities/institutions in the area of regulatory control of public exposure to radioactive sources such as commodities, consumer products, non-medical human imaging, inspection devices, etc.	Olga German(NSRW) O.German@iaea.org		Serbian Radiation and Nuclear Safety and Security Directorate Terazije 41a/IV 11000 Belgrade SERBIA E-Mail: eremic.savkovic@srbatom.gov.rs Phone: +381 11 455 0 506 Mobile: +381 63 651 433

Note :

MS : Member States
TBC : To be confirmed