

PIANOFORTE Partnership

European Partnership for Radiation Protection Research

Horizon-Euratom – 101061037

D 7.2 - Ranked list of eligible projects to be funded from the joint international peer review of full proposals for the PIANOFORTE open Call 1

Lead Author: NCBR

Reviewer(s): [PIANOFORTE Coordination team]

Work package / Task	WP 7	T 7.3
Deliverable nature:	Report	
Dissemination level: (Confidentiality)	Public	
Contractual delivery date:	Month 17	
Actual delivery date:	Month 18	
Version:	v.1	
Total number of pages:	4	
Keywords:	Recommended proposals, Pianoforte first Call	
Approved by the coordinator:	12 December 2023	
Submitted to EC by the coordinator:	12 December 2023	

LIST OF PROPOSALS RECCOMENDED FOR FUNDING BY PEER-REVIEWED-PANEL WHICH TOOK PLACE ON 15TH OF NOVEMBER 2023

IMPORTANT: Please note that the final funding decision is based on available funding for 2023 Call.

ID	Project acronym	Project title	Topic	Institutions
PIANOFORTE2023-015	SONORA	Towards safe, optimized and personalized radiology and radiotherapy procedures for pregnant patients	TOPIC 2	Project Coordinator: Faculty of dental medicine and health Osijek; Faculty of medicine in Osijek (MEFOS); Nuclear Physics Institute Of The Cas Vvi (NPI); University of Helsinki (STUK); Aarhus University, Dept. of Clin. Medicine (DCPT); Instituto Superior Técnico (IST); National Radiation Protection Institution (SURO); Greek Atomic Energy Commission (EEAE); Institute for radiation protection and nuclear safety (IRSN); Dubrava University Hospital (DUH); Ruder Boškovic Institute (IRB); Veneto Institute of Oncology (VIO); Skandion Clinic (SKANDION); Polytechnic Institute of Lisbon (IPL); Institute of Nuclear Physics, Polish Academy of Sciences (IFJ); Institute for Medical Research and Occupational Health (IMROH); Belgian Nuclear research centre (SCK-CEN); University of Kragujevac, Faculty of Science (UKG); GLOWNY INSTYTUT GORNICTWA (GIG); National Institute of Health (ISS)
PIANOFORTE2023-021	LutADose	Personalized dosimetry to improve the clinical outcome of prostate cancer patients treated with ¹⁷⁷ Lu/ ²²⁵ Ac-PSMA targeted therapies.	TOPIC 2	Project Coordinator: KU Luven; Rijksinstituut voor Volksgezondheid En Milieu (RIVM); Commissariat A L Energie Atomique Et Aux Energies Alternatives (CEA); Bundesamt fuer Strahlenschutz (Bfs); LMU Hospital; Belgian Nuclear Research Centre (SCK CEN); Institut National De La Sante Et De La Recherche Medicale (INSERM); Erasmus Medical Centre
PIANOFORTE2023-027	VERIFIED	In vivo patient-specific real-time dosimetry for adaptive radiotherapy	TOPIC 2	Project Coordinator: Belgian Nuclear Research Centre (SCK CEN); Maastricht University, UM; University of Antwerp, inViLab; Gasthuiszusters Antwerpen University Hospital, GZA; University of Antwerp, MIPRO; National Institute for Public Health and the Environment; Institute for Medical Research and Occupational Health; University Hospital Centre Zagreb KBC

PIANOFORTE2023-034	RRADEW	Resilience to RADiological Events in Wartime	TOPIC 3	Project Coordinator: Nuclear Protection Evaluation Centre (CEPN); Belgian Nuclear Research Centre (SCK CEN); Karlsruhe Institute of Technology (KIT); Institute for Radiological Protection and Nuclear Safety (IRSN); Norwegian University of Life Sciences (NMBU); Institute for Safety Problems of Nuclear Power Plants of National Academy of Sciences (ISPNPP); National Research Center for Radiation Medicine, National Academy of Medical Sciences (NRCRM); Lund University (LU); United Kingdom Health Security Agency (UKHSA); University of South Bohemia in České Budejovice (USB); Centre for Energy, Environmental and Technological Research (CIEMAT); Portuguese Environment Agency (APA); University of Antwerp (UA); French National Fire Officers Academy (ENSOSP); National Radiation Protection Institute (SURO); Swedish Radiation Safety Authority - Stralsakerhetsmyndigheten (SSM); Helmholtz-Zentrum Dresden-Rossendorf EV (HZDR);
PIANOFORTE2023-038	CITISTRA	Citizen measurements as complementary radiation monitoring strategy in threats due to armed conflict or natural disasters	TOPIC 3	Project Coordinator: Czech National Radiation Protection Institute; Institute of Nuclear Physics, Polish Academy of Sciences (IFJ PAN); Slovak Medical University in Bratislava; Central Mining Institute
PIANOFORTE2023-041	DISCOVER	Dissecting radiation effects into the Cerebellum microEnvironment driving tumour promotion	TOPIC 1	Project Coordinator: Italian National Agency for New Technologies, Energy and Sustainable Economic Development; Federal Office for Radiation Protection; National Public Health Centre
PIANOFORTE2023-048	PREDICT	Improvements in atmospheric dispersion modelling and protective action strategies in case of nuclear detonations	TOPIC 3	Project Coordinator: Federal Office for Radiation Protection (BfS); Norwegian University of Life Sciences (NMBU); PDC-ARGOS ApS; National Institute for Public Health and the Environment (RIVM); Swedish Radiation Safety Authority (SSM); Department of Health (UKHSA); Met Office (UKMO); Danish Emergency Management Agency (DEMA), governmental agency under MINISTRY OF DEFENCE (MoD); Technical University of Denmark (DTU); Norwegian Radiation and Nuclear Safety Authority (DSA); Environmental Protection Agency (EPA); Helmholtz-Zentrum Dresden-Rossendorf EV (HZDR); Karlsruhe Institute of Technology (KIT)
PIANOFORTE2023-056	IMAGEOMICS	Optimizing Benefit/Risk Ratio in Breast Cancer Diagnosis and Radiotherapy: Identifying Molecular, Cellular and Imaging Signatures of Breast Cancer Heterogeneity to Improve Personalized Therapeutic Strategies for Synergistic Treatment Combinations	TOPIC 2	Project Coordinator: National Public Health Center (NNK); Barcelona Institute for Global Health (ISGlobal); Italian National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA); University of Pavia (UNIPV); EUROPEAN ALLIANCE FOR MEDICAL RADIATION PROTECTION RESEARCH (EURAMED); Otto von Guericke University (OvGU); CENTRO DE INVESTIGACIONES ENERGETICAS, MEDIOAMBIENTALES Y TECNOLOGICAS (CIEMAT)
PIANOFORTE2023-065	IMMPRINT	Integrated molecular imaging for personalized biomarker-based breast cancer characterization and treatment	TOPIC 2	Project Coordinator: Otto-von-Guericke-University; Heinrich Heine University Düsseldorf (HHU); National Public Health Center (NNK); Jožef Stefan Institute (JSI); Agencia Estatal Consejo Superior de Investigaciones Científicas (CSIC); EUROPEAN ALLIANCE FOR MEDICAL RADIATION PROTECTION RESEARCH (EURAMED);

PIANOFORTE2023-018	SOPRANOS	Multi-Scale Optimised Patient-tailored molecular RAdiotherapy to iNcrease Overall Survival	TOPIC 2	Project Coordinator: Belgian Nuclear Research Center; Commissariat à l'Energie Atomique et aux énergies alternatives (CEA); Rijksinstituut voor Volksgezondheid en Milieu (RIVM); National Radiation Protection Institute (SURO);
PIANOFORTE2023-020	INTERACTOME	Understanding Key Intercellular Signalling Mechanisms in Bone Marrow Microenvironment Contributing to Radiation Leukaemogenesis	TOPIC 1	Project Coordinator: National Public Health Centre (NNK); Federal Office for Radiation Protection (BfS); Italian National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA); Universitätsklinikum Erlangen (UKER); UK Health Security Agency (UKHSA);
PIANOFORTE2023-024	IRENE	Inverse modelling tools foR management of Emerging Nuclear thrEats	TOPIC 3	Project Coordinator: National Centre for Scientific Research "Demokritos" (NCSR); Institute for Radiological Protection and Nuclear Safety (IRSN); Federal Office for Radiation Protection (BfS); National Institute for Public Health and the Environment (RIVM); Danish Meteorological Institute (DMI); Ukrainian Center of Environmental and Water Projects (UCEWP); SigLyx PC; SCK CEN; Kalisio
PIANOFORTE2023-031	PROPHET	Predicting Lu177-PSMA Therapy Response and Toxicity	TOPIC 2	Project Coordinator: CNRS; IRSN; BfS, Federal Office for Radiation Protection; UAB; COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES (CEA)
PIANOFORTE2023-059	QUARTET	QUALity of RadiaTion Evaluated with TimePix for proton and carbon ion therapy	TOPIC 2	Project Coordinator: Institute of Nuclear Physics Polish Academy of Sciences; ADVACAM; MedAustron Ion Therapy Center; National Institute of Nuclear Physics (INFN); National Radiation Protection Institute (SURO); GLOWNY INSTYTUT GORNICTWA (GIG);