

Brussels, 19 May 2025

COST 081/25

CSO DECISION

To: Committee of Senior Officials

Subject: **Approval of 70 COST Actions – oc-2024-1**

Delegations will find below the list of the 70 COST Actions related to oc-2024-1 as approved unanimously by the CSO at the 221st Extraordinary CSO meeting on 19 May 2025.

Action Number	Proposal Title	Country of Main Proposer
CA24101	Testing Fundamental Physics with Seismology	Poland
CA24102	A Glossary of Technical Construction Vocabulary in 17th-18th Century European Court Residences	Italy
CA24103	EUropean COllaborative Network on electroCatalysis for Efficient Renewable Technologies	Italy
CA24104	Stochastic Differential Equations: Computation, Inference, Applications	Ireland
CA24105	Enabling Translation of Retinal Disease Diagnosis and Therapies: A Roadmap for a Future	Portugal
CA24106	Building Education and One Health with Adaptive Convergence and Open Networks	Albania
CA24107	Patient SAFety Related Outcome Measures in European ICUs	Ireland
CA24108	Oxidative stress at the Crossroads of adverse outcome Pathways - pesticides - ONE health	France
CA24109	Many-body Open Quantum Systems	Portugal
CA24110	Resource-Inclusive Renewable Materials: Leveraging Global Biomass for Sustainable Innovations	Sweden
CA24111	European Network for Valorizing Food Processing Waste into Sustainable Fibers	Türkiye
CA24112	Implementation of Tear Fluid Biomarkers in Precision Medicine	Netherlands
CA24113	Global network on Culture Heritage Conservation Under Climate Change (Go2CHANGE)	Norway
CA24114	EUROPEAN NETWORK OF SoHO ESTABLISHMENTS FOR RAPID AND SUSTAINABLE ACCESS TO ATMPs	Spain
CA24115	Connecting an International Network of Academic Manufacturers of ONcoimmunotherapies	Spain
CA24116	Multidisciplinary consortium to accelerate plant cell wall knowledge	Czech Republic
CA24117	Innate lymphoid cells – the European quest for innovative cancer prognosis and immunotherapy	Serbia
CA24118	Advancing human brainstem MRI and its application in clinical research and practice	Austria
CA24119	Cultural Property Protection for All	Cyprus
CA24120	Sustainable Thermoelectrics European Network	Portugal
CA24121	Knowledge Graphs in the Era of Large Language Models	Italy
CA24122	multiscale Stochastics, Patterns, and Analysis of Combinatorial Environments	Germany
CA24123	Extended Reality Neurorehabilitation of Spatial Neglect and Related Disorders After Brain Injury	Denmark
CA24124	Network for the Advancement of Neutropenia Research and Patient Support	Greece
CA24125	Cultural Heritage in Crisis. Transdisciplinary Assessment of Legal and Regulatory Frameworks	Poland

CA24126	Fostering Nature-Centred BioDESIGN to Explore regenerative futures	Portugal
CA24127	Action Pan European Commission on Photoantimicrobial Testing	Austria
CA24128	European Network to Advance the Development and Implementation of Vocal Biomarkers	Luxembourg
CA24129	European Media and Born-digital Art Conservation and Knowledge Network	Germany
CA24130	Psychedelic renaissance: turn on, tune in and drop in	Czech Republic
CA24131	European Network for radiation-detection based Research and Innovation addressing increasing societal CHallenges	Italy
CA24132	Accelerating Innovation and Development of European Microbial Foods	United Kingdom
CA24133	European network for animal evolutionary immunology: interlinking laboratory and wildlife infection biology	Czech Republic
CA24134	Observatory of Innovative Strategies for Repurposing Terrain Vague	United Kingdom
CA24135	European Atmospheric Research LIdar COoperation on Science and Technology	Greece
CA24136	Interactions between Control Theory and Machine Learning	Croatia
CA24137	Literary multilingualism and social transformations in superdiverse societies	Ireland
CA24138	EU-Resolution Biology Network	United Kingdom
CA24139	Superfluid Condensates in Astrophysics and Laboratory Experiments	Poland
CA24140	One Health zoonotic Hepevirus Network	Spain
CA24141	Climatic Resilience Initiative for Pavement Infrastructure	Belgium
CA24142	Precision Medicine for Cardiac Arrest	Netherlands
CA24143	LEonardo's Codex Atlanticus and other miscellaneous Folios: A Digital Reconstruction	Italy
CA24144	ANTICIPATE: extended-range multi-hazard predictions and early warnings	United Kingdom
CA24145	International Food Techno-functionality - Data	Netherlands
CA24146	Machine Learning and Quantum Computing for Future Colliders	Italy
CA24147	Artificial Intelligence Driven Dental AgEstimation Network	Türkiye
CA24148	EEG101: Fundamentals of Open & Rigorous EEG Science	United Kingdom
CA24149	Extreme Plasma Network for Advanced Discovery	Portugal
CA24150	Values in Turbulent Times: Navigating Social Changes and Challenges	Italy
CA24151	Towards PERsonalized Cancer Chronotherapy	France

CA24152	Epitranscriptomics and ncRNAs for climate-change-resilient and sustainable crops	Spain
CA24153	Edge Deep Learning for Particle Physics	United Kingdom
CA24154	Networking European Security Knowledge	France
CA24155	Climate Reference Upper-air, Column and In-Situ measurements	Italy
CA24156	Seed Priming Solutions: Boosting Crop Resilience for a Sustainable Future	Bosnia and Herzegovina
CA24157	COordinated and STandardized Monitoring of Permafrost Response to Climate Change	Switzerland
CA24158	Disparities In Surgical Specialization and Education in Cancer Training	Belgium
CA24159	Structure and spectroscopy of hadrons research project	Portugal
CA24160	Comics and Sciences through Multidisciplinary Investigation and Collaboration	France
CA24161	Improving Neuroimaging Data for Sharing	Germany
CA24162	Adaptive and acquired resistance in gastrointestinal cancers-contemporary and emerging resolutions	Croatia
CA24163	Modelling cross-sectoral cascading climate impacts on Europe to design coherent policy reponses	Germany
CA24164	Sensing Europe's Court Spaces at the Crossroads of Past, Present and Future	Netherlands
CA24165	Network for Cardiovascular Pharmacogenomics and Precision Medicine	Bosnia and Herzegovina
CA24166	Pan-European Network for Inflammaging: A Multi-omics Integration Approach	Croatia
CA24167	Disruptive Innovation and Exponential HRM: Crafting Next-Gen Employee Experience, Workplace, Job Market	Albania
CA24168	European Initiative to Enhance the Current SABV Policy in Preclinical Biomedical Research	Switzerland
CA24169	Science in Diplomacy Network: implementing multilateral policymaking in intersectoral, cross-disciplinary & strategic domains	Italy
CA24170	Building resilient rural communities through synergy of traditional knowledge and technological innovation	Moldova