## Proposals for new COST Actions

| Final Domain | Action N° (if approved) | Title | Proposal from |
|---|---|---|---|
| BMBS | BM1201 | Developmental Origins of Chronic Lung Disease | DE |
| BMBS | BM1202 | EUROPEAN NETWORK ON MICROVESICLES AND EXOSOMES IN HEALTH AND DISEASE (ME-HAD) | IE |
| BMBS | BM1203 | EU-ROS | NL |
| CMST | CM1201 | BIOMIMETIC RADICAL CHEMISTRY | IT |
| CMST | CM1202 | Supramolecular photocatalytic water splitting (PERSPECT-H2O) | DE |
| CMST | CM1203 | PoCheMoN: Polyoxometalate Chemistry for Molecular Nanoscience | UK |
| ESSEM | ES1201 | NETLAKE - NETworking LAKe observatories in Europe | IE |
| ESSEM | ES1202 | Conceiving Wastewater Treatment in 2020. Energetic, environmental and economic challenges (Water_2020) | ES |
| ESSEM | ES1203 | Enhancing the resilience capacity of SENSitive mountain FORest ecosystems under environmental change (SENSFOR) | FI |
| ESSEM | ES1204 | Loss of the Night Network (LoNNe) | DE |
| FA | FA1201 | EPIGENETICS AND PERICONCEPTION ENVIRONMENT Periconception environment as an epigenomic lever for optimising food production and health in livestock | BE |
| FA | FA1202 | A European Netwok For Mitigating Bacterial Colonisation and Persistence On Foods and Food Processing Environments | TR |
| FA | FA1203 | Sustainable management of Ambrosia artemisiifolia in Europe (SMARTER) | CH |
| FA | FA1204 | VEGETABLE GRAFTING TO IMPROVE YIELD AND FRUIT QUALITY UNDER BIOTIC AND ABIOTIC STRESS CONDITIONS | IT |
| FPS | FP1201 | Forest LAnd Ownership Changes in Europe: Significance for Management And Policy (FACESMAP) | AT |
| FPS | FP1202 | Strengthening conservation: a key issue for adaptation of marginal/peripheral populations (MaP-FGR) of forest tree to climate change in Europe. | IT |
| ICT | IC1201 | BETTY: Behavioural Types for Reliable Large-Scale Software Systems | UK |
| ICT | IC1202 | TACLe: Timing Analysis on Code-Level | SE |
| ICT | IC1203 | ENERGIC (European Network Exploring Research into Geospatial Information Crowdsourcing): software and methodologies for harnessing geographic information from the crowd. | IT |
| ICT | IC1204 | Trustworthy Manufacturing and Utilization of Secure Devices | FR |
| ISCH | IS1201 | Disaster Bioethics: addressing ethical issues triggered by disasters | IE |
| ISCH | IS1202 | Dynamics of Virtual Work | UK |
| ISCH | IS1203 | In search of transcultural memory in Europe (ISTME) | SE |
| ISCH | IS1204 | Tourism, Wellbeing and Ecosystem Services (TObeWELL) | UK |
| ISCH | IS1205 | Social psychological dynamics of historical representations in the enlarged European Union | BE |
| MPNS | MP1201 | Nanoscale Superconductivity: Novel Functionalities through Optimized Confinement of Condensate and Fields (NanoSC -COST) | BE |
| MPNS | MP1202 | Rational design of hybrid organic-inorganic interfaces: the next step towards advanced functional materials | FR |
| MPNS | MP1203 | Advanced X-ray spatial and temporal metrology | FR |
| MPNS | MP1204 | TERA-MIR Radiation: Materials, Generation, Detection and Applications | UK |

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|---|---|---|---|
| TDP (**MPNS**, CMST, ICT, ISCH) | TD1201 | COSCH - Colour and Space in Cultural Heritage | DE |
| TDP (**ICT**, ESSEM, ISCH) | TD1202 | Mapping and the citizen sensor | UK |
| TDP (**FA**, CMST) | TD1203 | Food waste valorisation for sustainable chemicals, materials & fuels (EUBis) | UK |
| TUD | TU1201 | Urban Allotment Gardens in European Cities – Future, Challenges and Lessons Learned | DE |
| TUD | TU1202 | Impact of climate change on engineered slopes for infrastructure | UK |
| TUD | TU1203 | Crime Prevention through Urban Design and Planning | IT |

**From the reserve list**

| Final Domain | Action N° (if approved) | Title | Proposal from |
|---|---|---|---|
| BMBS | BM1204 | An integrated European platform for pancreas cancer research: from basic science to clinical and public health interventions for a rare disease | ES |
| FA | FA1205 | Assessing and improving the quality of aquatic animal gametes to enhance aquatic resources. The need to harmonize and standardize evolving methodologies, and improve transfer from academia to industry | ES |
| MPNS | MP1205 | Advances in Optofluidics: Integration of Optical Control and Photonics with Microfluidics | IT |
| ICT | IC1205 | Computational Social Choice | NL |
| TDP (BMBS, CMST, MPNS) | TD1204 | Modelling Nanomaterial Toxicity (MODENA) | UK |

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