

SME Instrument - Keywords nomenclature

Main Keyword	Sub-Keyword
Agriculture / Rural Development / Fisheries	<ul style="list-style-type: none"> · Agronomy · Animal and Dairy science · Aquatic biology, Hydrobiology · Fishery · Forestry · Horticulture, viticulture · Husbandry · Paper and Wood · Plant breeding and plant protection · Soil management
Biotechnology	<ul style="list-style-type: none"> · Bacteriology · Biochemistry · Biodiversity · Bioeconomy · Biofuels · Biohazards, biological containment, biosafety, biosecurity · Bioprocessing technologies (industrial processes relying on biological agents to drive the process) biocatalysis, fermentation · Bioproducts (products that are manufactured using biological material as feedstock) biomaterials, bioplastics, biofuels, bioderived bulk and fine chemicals, bio-derived novel materials · Biotechnology (non-medical), bioreactors, applied microbiology · Cell biology, Microbiology · DNA synthesis, modification, repair, recombination, degradation · Genetics and heredity · Human biology · Microbiology · Mycology · Neurochemistry and neuropharmacology · Plant sciences, botany · Reproductive biology · Serology · Stem cell biology · Synthetic biology, chemical biology and new bio-engineering concepts · Tissue culture · Toxicology · Virology · Waste management · Zoology
Construction and Transport	<ul style="list-style-type: none"> · Aeronautics · Aerostructures AST · Air Traffic Management (ATM) · Aircraft · Aircraft Avionics, Systems & Equipment AVS · Airports APT · Architecture, smart buildings, smart cities, urban engineering · Automation · Automotive · Civil engineering · Communication technology, high-frequency technology

	<ul style="list-style-type: none"> · Construction engineering, Municipal and structural engineering · European Railway Traffic Management System (ERTMS) · Inland Waterways (IWW) · Intermodal station · Logistics · Low/nearly zero &-energy positive buildings · Maritime services · Motorways of the Seas (MoS) · Multimodality · Network infrastructures · Propulsion PRO · Railway · Road infrastructure · Sea vessels · Smart cities · Transport engineering, intelligent transport systems · Urban transport · Vehicles · Waterborne transport · Waterworks and coastal engineering
Consumer products and services	<ul style="list-style-type: none"> · Distribution and logistics · Electronic commerce (eCommerce) · Household Products · Leisure products · Leisure services · Personal products and services · Retail, wholesale or distribution · Specialty Retail · Textiles, Apparel and Luxury Goods · Tourism / Travel
Cultural and Creative Economy	<ul style="list-style-type: none"> · Arts (arts, history of arts, performing arts, music) · Behavioural change · Cultural heritage, cultural memory · Cultural studies, cultural diversity · Design innovation · History and Archaeology · Informal education · Languages and Literature · Life-long learning · Media and communications · Philosophy, Ethics and Religion · Post-secondary education · Primary and secondary education · Psychology · Social issues · Social media · Sociology · Specific business types (mutual, cooperatives, family businesses, liberal professions, etc) · Studies on Film, Radio and Television · Teaching materials · Visual arts, performing arts, design · Vocational training

Earth and related environmental sciences	<ul style="list-style-type: none"> · Women and gender studies · Aquaculture · Atmospheric chemistry, atmospheric composition, air pollution · Climatology and climate change · Ecology · Environment, Pollution & Climate · Flood forecasting · Geographical information systems, cartography · Geo-information and spatial data analysis · Geology, tectonics, volcanology · Hydrology · Integrated coastal zone management · Marine biology · Marine Biotechnology · Marine ecosystems and processes · Meteorology · Mineralogy · Natural Resources Exploration and Exploitation · Oceanography · Ozone, upper atmosphere, ionosphere · Palaeontology · Petrology · Wastewater treatment · Water
Energy	<ul style="list-style-type: none"> · Biodiesel · Bioenergy · Bioethanol · Biogas · Biomass · Biomethane · Clean Coal · Domestic appliances · Electricity Transmission/Distribution · Energy benchmarking · Energy Economics · Energy efficiency · Energy labels · Energy management · Energy systems (production, distribution, application) · Fossil Fuels · Fuel Production & Distribution · Green procurement · Liquid Biofuels markets · Local & Regional Energy Agencies · Local sustainable energy supply · Low/zero carbon communities · Natural gas · Nuclear · Oil · Photovoltaics · Pure plant oil · Renewable energies · Second Generation Biofuels · Solar cooling

	<ul style="list-style-type: none"> · Solar Thermal · Solid Biofuels markets · Sustainable energy · Transport / Fuel Use
Engineering and technology	<ul style="list-style-type: none"> · Acoustics · Advanced materials · Audio engineering, reliability analysis · Automation and control systems · Automotive engineering · Chemical engineering, technical chemistry · Civil engineering, maritime/hydraulic engineering, geotechnics, waste treatment · Communication engineering and systems telecommunications · Control engineering · Electrical and electronic engineering · Electromagnetism · Electromechanical engineering · Electronics, photonics · Graphene, layered material · Industrial bioengineering · Manufacturing · Materials engineering · Mechanical engineering · Metallurgy · Metrology and measurement · Micro (system) engineering · Nanotechnology · Ocean engineering · Optics (including laser optics and quantum optics) · Organic electronics · Photonics · Porous Materials · Production technology, process engineering · Propulsion systems engineering · Robotics · Semiconductors · Solid state materials · Superconductivity · Superfluids · Thermodynamics · Vehicle engineering
Finance	<ul style="list-style-type: none"> · Clusters · Data markets · Data reuse · Data value chains · Development, economic growth · Econometrics, statistical methods · Economics and Business · Economics of innovation · Economics, Econometrics · Entrepreneurship · Financial markets, asset prices, international finance · Fintech (Financial technology) · International trade

	<ul style="list-style-type: none"> · Labour economics, income distribution and poverty · Macroeconomics · Marketing · Microeconomics, behavioural economics · Political economy, institutional economics, law and economics · Social economics · Urban and regional economics · Web Entrepreneurship
Food and Beverages	<ul style="list-style-type: none"> · Agricultural products · Brewers · Distillers and Vintners · Food additives · Food contamination · Food packaging · Food preservation · Food quality · Food safety · Food storage · Food technology · Food toxicology · Secure food chain and wealth products · Soft Drinks · Tobacco
Health	<ul style="list-style-type: none"> · Ageing · Allergy · Animal embryology · Biomarkers · Cardiac and Cardiovascular systems · Clinical medicine · Critical care medicine and Emergency medicine · Dentistry, oral surgery and medicine · Dermatology and venereal diseases · Diagnostic tools · Drugs · eHealth · Electronic patient files · Gene therapy · Geriatrics and gerontology · Healthcare system · Health-related biotechnology · Human embryology · Human genetics · Immunology · Infectious diseases · Medical devices · Neurodegenerative disorders · Obstetrics and gynaecology · Oncology · Ophthalmology · Orthopaedics · Paediatrics · Pathology · Patient care · Pharmacology and pharmacy

	<ul style="list-style-type: none"> · Psychiatry · Radiology, nuclear medicine and medical imaging · Respiratory systems · Rheumatology · Robotics for healthcare · Surgery · Transplantation · Urology and nephrology · Vaccines · Wellbeing
Information and Communication Technology (ICT)	<ul style="list-style-type: none"> · Advanced computing · Algorithms and complexity · Artificial intelligence, intelligent systems, multi agent systems · Bioinformatics · BTT5 unmanned aircraft (drone) · Cloud computing · Collaborative Systems · Communication networks, media, information society · Computational engineering · Computer graphics, computer vision, multi media, computer games · Computer sciences, information science and bioinformatics · Cryptology, security, privacy, quantum crypto · Cyber-physical systems · Digital games, gamification, applied games, serious games · Digital services · E-learning, user modelling, collaborative systems · Human computer interaction and interface, visualization and natural language processing · Interaction, Multimodal, Brain-Computer-Interfaces, Assistive Technologies · Internet and semantic web, database systems and libraries · Internet Services & Applications · Machine learning, statistical data processing and applications using signal processing (e.g. speech, image, video) · Networks (communication networks, sensor networks, networks of robots, etc.) · Neuroimaging and computational neuroscience · Numerical analysis, simulation, optimisation, modelling tools, data mining · Ontologies, neural networks, genetic programming, fuzzy logic · Scientific computing, simulation and modelling tools · Semantic web technologies · Simulation tools & technologies · Software engineering, operating systems, computer languages · Web and information systems, database systems, information retrieval and digital libraries, data fusion
Public sector innovation	<ul style="list-style-type: none"> · Business management · Business model innovation · Business models · Circular economy · Corporate social responsibility · Global and transnational governance, international law, human rights · Human resource management · Innovation management

	<ul style="list-style-type: none"> · Innovation strategies · Innovation systems · New business opportunities · Open data · Open innovation · Policy development · Political systems and institutions, governance · Project management · Public administration · Public administration Innovation · Service innovation · Social enterprises · Social innovation · Supply chain management
Security	<ul style="list-style-type: none"> · Artificial Intelligence & Decision support · Biometric equipment · Chemical, Biological, Radiological and Nuclear (CBRN) protection and decontamination equipment · Crisis management · Critical infrastructure, emergency systems, security, safety engineering · Data mining · Detection technology · Explosives removal · Forensic technologies, others · Identification · Information Security Technologies · Intelligence · Interoperable secured communications (Security systems architecture) · Intervention and Neutralization · Opto-electronics: Laser, optics and related device · Navigation, guidance, control and tracking · Networks and information security systems · Photonic/Optical Materials and Device Technology · Plasma technology · Protection · Risk management · Search and detection · Optical sensors · Surveillance
Space	<ul style="list-style-type: none"> · Aerothermodynamics & Atmospheric entry · Astrobiology · Astrochemistry · Astronomy (including astrophysics, space science) · Astrophysics · Cosmology · Dark matter, dark energy · Defence · Earth Observation / Services and applications · Flight Dynamics / Position, Navigation, and Timing · Global Satellite Navigation System (GNSS) / Services & Applications · Gravity · Ground & Launch Systems Processing · Instrumentation - telescopes, detectors and techniques · Launchers

- On-Board Data Systems
- Optics
- Orbital transportation and re-entry systems
- Prelaunch operations
- Protection of assets in and from Space
- Remote Sensing
- RF Payload and Systems
- Satellites and Probes
- Space data exploitation
- Space Debris
- Space services and products
- Spacecraft
- Supporting Propulsion Technologies and Tools
- Telecommunications
- Thermal
- Upper atmosphere (Neutral and ionosphere)
- Very large data bases: archiving, handling and analysis