**Main Topics of “The SME Instrument”**

**SMEInst-01-2016-2017 Open Distributive Innovation Scheme**

**Innovative Startups and SMEs in the ICT sector. Focus on companies proposing distributive ICT concepts, products and services applying new sets of rules, values and models which ultimately create new markets or disrupt existing markets.**

**SMEInst-02-2016-2017 Accelerating the uptake of nanotechnologies advanced materials or advanced manufacturing and processing technologies by SMEs**

Industries, harvesting the hitherto untapped potential of nanotechnologies, advanced materials an advanced manufacturing and processing technologies. The main goal is tocreate added value by creatively combing existing research results with other necessary elements, transfer results across sectors, accelerate innovation and create profit or other benefits. The research should bring the technology and production to industrial readiness and maturity for commercialization after the project.

**SMEInst-03-2016-2017 Dedicated support to biotechnology SMEs closing the gap from lab to market**

SMEs working in the field of industrial biotechnology and ideas/concepts involving the use of systems and/or synthetic biology

**SMEInst-04-2016-2017 Engaging SMEs in space research and development**

SMEs in space R&D, especially those traditionally involved in it and reduce as much as possible the entry barriers to SMEs for Horizon 2020 funding. Cover: any aspect of the Specific Programme for Space, in connection to the flagship programs Galileo and Copernicus

**SMEInst-05-2016-2017 Supporting innovative SMEs in the healthcare biotechnology sector**

SMEs in the Healthcare biotechnology sector: Cell technologies in medical applications : cell manufacturing (culture, multiplication, scale-up, automation), preservation, banking and transport, identification, cell sorting & delivery, imaging, tracking, process & quality control, genetic engineering and gene editing, production of therapeutic biomolecules. Medical applications: diagnostics and biosensors, cell and gene therapy, tissue engineering, bio-artificial organs, immunotherapy, vaccine and antibody production, predictive toxicology, synthetic biology, modeling and development and disease processes OR clinical research for the validation of biomarkers and medical devices

**SMEInst-06-2016-2017 Accelerating market introduction of ICT solutions for Health, Well-Being and Ageing Well**

SMEs and young companies that are looking for swift support to their innovative ideas : overcome gaps in exploitation of promising research results in ICT for Health, Well-being and ageing well.

**SMEInst-07-2016-2017 Stimulating the innovation potential of SMEs for sustainable and competitive agriculture, forestry, agri-food and bio-based sectors**

Agri-Food sector, bio-based products, primary production systems, ecosystem services

**SMEInst-08-2016-2017 Supporting SMEs efforts for the development – deployment and market replication of innovative solutions for blue growth**

Marine biotechnology, fisheries, marine and fresh water aquaculture (including production and processing of feed and food), innovative maritime economic activities

**SMEInst-09-2016-2017 Stimulating the innovation potential of SMEs for a low carbon and efficient energy system**

Producing energy efficient products and services, low-cost & low-carbon electricity supply (renewable energy, carbon capture, storage and re-use), alternative fuels and mobile energy sources, new knowledge and technologies

**SMEInst-10-2016-2017 Small Business Innovation research for Transport and Smart Cities Mobility**

Transport sector: Actions to develop new services, products, processes, technologies, systems and combinations thereof that contribute to achieving the European transport and mobility goals

**SMEInst-11-2016-2017 Boosting the potential of Small Businesses in the areas of climate action, environment, resource efficiency and raw materials**

Innovative SMEs: Commercializing innovative solutions from SMEs B2B and B2C context ideas addressing climate action, environment, resource efficiency, raw materials challenge. Strategic priorities of systemic eco-innovation and circular economy, nature-based solutions, climate services, sustainable supply of raw materials, cultural heritage for sustainable growth

**SMEInst-12-2016-2017 New Business models for inclusive, innovative and reflective societies**

SMEs, including social enterprises and cultural actors. Creating innovative e public services using open data (new business opportunities).

**SMEInst-13-2016-2017 Engaging SMEs in security research and development**

SMEs in innovation activities in the domain of security, especially those not traditionally involved in it and reduce as much as possible for the entry barriers to SMEs for Horizon2020 funding (fighting crime, illegal trafficking & terrorism, protecting and improving the reliance of critical infrastructures, supply chains and transport models, strengthen security, improve cyber security, increase Europe’s resilience to crises and disasters, ensure privacy and freedom including the internet & enhance the societal legal and ethical understanding of all areas of security, risk and management, enhance standardization and interoperability of systems, support Union’s external security policies