Übersicht: Neue Topics im aktualisierten Horizon 2020 Arbeitsprogramm 2018-2020


Marie Skłodowska-Curie Actions (MSCA)
- H2020-MSCA-RR-2018: MSCA for researchers at risk (CSA)

Future and Emerging Technologies (FET)
- FETPROACT-04-2019: Community building and roadmapping for high performance and smart electrochemical energy storage (CSA)
- FETHPC-03-2019: International Cooperation on HPC (RIA)

Research Infrastructures
- INFRADEV-04-2019: Fast track to the implementation of an ESFRI research infrastructure (RIA)

Leadership in Enabling and Industrial Technologies (LEIT)
- NMBP-34-2019: In support of documentary standards (CSA)
- SU-SPACE-23-SEC-2019: Advanced research in Near Earth Objects (NEOs) and new payload technologies for planetary defence (RIA)
- SU-SPACE-31-SEC-2019: Research and innovation network of governmental users of secure satellite communications (CSA)

Societal Challenge 1: Health, demographic change and well-being
- SC1-BHC-30-2019: Towards risk-based screening strategies for non-communicable diseases (RIA)
- SC1-BHC-31-2019: Pilot actions to build the foundations of a human cell atlas (RIA)
- SC1-BHC-32-2019: Towards a next generation influenza vaccine to protect citizens worldwide – an EU-India collaboration (RIA)
Societal Challenge 2: Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy

- RUR-17-2019: Reinforcing the EU agricultural knowledge base (CSA)
- RUR-18-2019: Support to the BIOEAST initiative: boosting knowledge and innovation-based bioeconomies (CSA)

Societal Challenge 3: Secure, clean and efficient energy

- LC-SC3-EE-18-2019: Bioclimatic approaches for improving energy performance in buildings in Africa and Europe (CSA)
- LC-SC3-RES-29-2019: Converting Sunlight to storable chemical energy (RIA)
- LC-SC3-RES-30-2019: Demonstration of plug and play solutions for renewable off-grid electricity (IA)

Societal Challenge 4: Smart, green and integrated transport

- LC-MG-1-11-2019: Structuring R&I towards zero emission waterborne transport (CSA)

Societal Challenge 5: Climate action, environment, resource efficiency and raw materials

- LC-CLA-09-2019: ERA-NET Cofund action on biodiversity and climate change: Impacts, feedbacks, and nature-based solutions for climate change adaptation and mitigation (ERA-NET Cofund)
- SC5-22-2019: Assessing and fostering the impacts of Research and Innovation Actions (RIA) and Innovation Actions (IA) granted by Societal Challenge 5 in 2014-2015 (CSA)
- SC5-23-2019: Multi-stakeholder dialogue platform to promote nature-based solutions to societal challenges: follow-up project (CSA)

Societal Challenge 6: Europe in a changing world – inclusive, innovative and reflective societies

- TRANSFORMATIONS-16-2019: Social platform on the impact assessment and the quality of interventions in European historical environment and cultural heritage sites (CSA)
- TRANSFORMATIONS-17-2019: Societal challenges and the arts (RIA)
- GOVERNANCE-16-2019: Reversing Inequalities (CSA)
- GOVERNANCE-17-2019: Democratic crisis? Resolving social-economic and political challenges to reinvigorate democracies (CSA)
GOVERNANCE-19-2019: A European Social Catalyst Fund to scale up high performing social innovations in the provision of social services (CSA)

Cross-cutting activities – Next Generation Batteries:

- LC-BAT-1-2019: Strongly improved, highly performant and safe all solid state batteries for electric vehicles (RIA)
- LC-BAT-2-2019: Strengthening EU materials technologies for non-automotive battery storage (RIA) [übertragen aus LEIT-NMBP]
- LC-BAT-3-2019: Modelling and simulation for Redox Flow Battery development (RIA)
- LC-BAT-4-2019: Advanced Redox Flow Batteries for stationary energy storage (RIA)
- LC-BAT-5-2019: Research and innovation for advanced Li-ion cells (generation 3b) (RIA)
- LC-BAT-6-2019: Li-ion Cell Materials & Transport Modelling (RIA)
- LC-BAT-7-2019: Network of Li-ion cell pilot lines (CSA)