

HORIZON 2020 - Übersicht der Topics 2018-20 (nach WP)

"Secure, clean and efficient energy"



Call - BUILDING A LOW-CARBON, CLIMATE RESILIENT FUTURE: SECURE, CLEAN AND EFFICIENT ENERGY	Opening Date	Deadline	Instrument
Energy efficiency			
Upgrading buildings' energy performance and smartness			
LC-SC3-EE-1-2018-2019-2020: Decarbonisation of the EU building stock: innovative approaches and affordable solutions changing the market for buildings renovation	25.01.2018	04.09.2018	IA
LC-SC3-EE-2-2018-2019: Integrated home renovation services	25.01.2018	04.09.2018	CSA
LC-SC3-EE-3-2019-2020: Stimulating demand for sustainable energy skills in the construction sector	24.01.2019	03.09.2019	CSA
LC-SC3-EE-4-2019-2020: Upgrading smartness of existing buildings through innovations for legacy equipment	24.01.2019	03.09.2019	IA
LC-SC3-EE-5-2018-2019-2020: Next-generation of Energy Performance Assessment and Certification	25.01.2018	04.09.2018	CSA
Energy efficient industry and services			
LC-SC3-EE-6-2018-2019-2020: Business case for industrial waste heat/cold recovery	25.01.2018	04.09.2018	CSA
LC-SC3-EE-8-2018-2019: Capacity building programmes to support implementation of energy audits	25.01.2018	04.09.2018	CSA
Energy efficiency is an investment			
LC-SC3-EE-9-2018-2019: Innovative financing for energy efficiency investments	25.01.2018	04.09.2018	CSA
LC-SC3-EE-10-2018-2019-2020: Mainstreaming energy efficiency finance	25.01.2018	04.09.2018	CSA
LC-SC3-EE-11-2018-2019-2020: Aggregation - Project Development Assistance	25.01.2018	04.09.2018	CSA
Energy efficiency is an energy source			
LC-SC3-EE-13-2018-2019-2020: Enabling next-generation of smart energy services valorising energy efficiency and flexibility at demand-side as energy resource	25.01.2018	04.09.2018	CSA
LC-SC3-EE-14-2018-2019-2020: Socio-economic research conceptualising and modelling energy efficiency and energy demand	25.01.2018	04.09.2018	RIA
Support for policy-driven innovations			
LC-SC3-EE-15-2018: New energy label driving and boosting innovation in products energy efficiency	25.01.2018	04.09.2018	CSA
LC-SC3-EE-16-2018-2019-2020: Supporting public authorities to implement the Energy Union	25.01.2018	04.09.2018	CSA
LC-SC3-EE-17-2019: European City facility - European Cities as key innovation hubs to unlock finance for energy efficiency	01.08.2018	05.02.2019	CSA
Global leadership in renewables			
Next Renewable energy solutions			
LC-SC3-RES-1-2019-2020: Developing the next generation of renewable energy technologies	01.08.2018	16.10.2018	RIA
LC-SC3-RES-2-2018: Disruptive innovation in clean energy technologies	05.12.2017	19.04.2018	RIA
Renewable energy solutions for implementation at consumer scale			
LC-SC3-RES-4-2018: Renewable energy system integrated at the building scale	31.10.2017	31.01.2018	RIA
LC-SC3-RES-5-2018: Increased performance of technologies for local heating and cooling solutions	31.10.2017	13.02.2018	IA
LC-SC3-RES-6-2018: Demonstrate significant cost reduction for Building Integrated PV (BIPV) solutions	31.10.2017	13.02.2018	IA

LC-SC3-RES-7-2019: Solar Energy in Industrial Processes	07.05.2019	27.08.2019	RIA
LC-SC3-RES-8-2019: Combining Renewable Technologies for a Renewable District Heating and/or Cooling System	05.09.2018	11.12.2018	IA
Renewable energy solutions for energy system level implementation			
LC-SC3-RES-11-2018: Developing solutions to reduce the cost and increase performance of renewable technologies	31.10.2017	31.01.2018	RIA
LC-SC3-RES-12-2018: Demonstrate highly performant renewable technologies for combined heat and power (CHP) generation and their integration in the EU's energy system	31.10.2017	13.02.2018	IA
LC-SC3-RES-13-2018: Demonstrate solutions that significantly reduce the cost of renewable power generation	31.10.2017	13.02.2018	IA
LC-SC3-RES-14-2019: Optimising manufacturing and system operation	01.08.2018	16.10.2018	RIA
LC-SC3-RES-15-2019: Increase the competitiveness of the EU PV manufacturing industry	05.09.2018	11.12.2018	IA
LC-SC3-RES-16-2019: Development of solutions based on renewable sources that provide flexibility to the energy system	07.05.2019	27.08.2019	RIA
LC-SC3-RES-17-2019: Demonstration of solutions based on renewable sources that provide flexibility to the energy system	05.09.2018	11.12.2018	IA
Renewable Fuels for transport			
LC-SC3-RES-21-2018: Development of next generation biofuels and alternative renewable fuel technologies for road transport	31.10.2017	13.02.2018	RIA
LC-SC3-RES-22-2018: Demonstration of cost effective advanced biofuel pathways in retrofitted existing industrial installations	05.12.2017	05.04.2018	IA
LC-SC3-RES-23-2019: Development of next generation biofuel and alternative renewable fuel technologies for aviation and shipping	07.05.2019	27.08.2019	RIA
LC-SC3-RES-24-2019: Boosting pre-commercial production of advanced aviation biofuels	05.09.2019	11.12.2018	IA
Market Uptake Support			
LC-SC3-RES-28-2018-2019-2020: Market Uptake support	31.10.2017	13.02.2018	CSA
Smart and clean energy for consumers			
LC-SC3-EC-1-2018-2019-2020: The role of consumers in changing the market through informed decision and collective actions	25.01.2018	04.09.2018	CSA
LC-SC3-EC-2-2018-2019-2020: Mitigating household energy poverty	25.01.2018	04.09.2018	CSA
Smart citizen-centred energy system			
LC-SC3-ES-1-2019: Flexibility and retail market options for the distribution grid	05.09.2018	05.02.2019	IA
LC-SC3-ES-2-2019: Solutions for increased regional cross-border cooperation in the transmission grid	05.09.2018	05.02.2019	IA
LC-SC3-ES-3-2018-2020: Integrated local energy systems (Energy islands)	05.12.2017	05.04.2018	IA
LC-SC3-ES-4-2018-2020: Decarbonising energy systems of geographical Islands	05.12.2017	05.04.2018	IA
LC-SC3-ES-5-2018-2020: TSO – DSO – Consumer: Large-scale demonstrations of innovative grid services through demand response, storage and small-scale (RES) generation	05.12.2017	05.04.2018	IA
LC-SC3-ES-6-2019: Research on advanced tools and technological development	05.09.2018	05.02.2019	RIA
LC-SC3-ES-7-2018: Pan-European Forum for R&I on Smart Grids, Flexibility and Local Energy Networks	05.12.2017	05.04.2018	CSA
LC-SC3-ES-8-2019: European Islands Facility - Unlock financing for energy transitions and supporting islands to develop investment concepts	05.09.2018	05.02.2019	CSA
Smart Cities and Communities			
LC-SC3-SCC-1-2018-2019-2020: Smart Cities and Communities	05.12.2017	05.04.2018	IA

Enabling near-zero CO2 emissions from fossil fuel power plants and carbon intensive industries	Opening Date	Deadline	Instrument
LC-SC3-NZE-1-2018: Advanced CO2 capture technologies	15.05.2018	06.09.2018	RIA
CE-SC3-NZE-2-2018: Conversion of captured CO2	15.05.2018	06.09.2018	RIA
LC-SC3-NZE-3-2018: Strategic planning for CCUS development	15.05.2018	06.09.2018	CSA
LC-SC3-NZE-4-2019: Integrated solutions for flexible operation of fossil fuel power plants through power-to-X-to-power and/or	07.05.2019	27.08.2019	IA
LC-SC3-NZE-5-2019-2020: Low carbon industrial production using CCUS	07.05.2019	27.08.2019	IA
Joint Actions			
LC-SC3-JA-1-2018: Joint programming actions to foster innovative energy solutions	15.05.2018	11.09.2018	ERA-NET
LC-SC3-JA-2-2018: Support to the realisation of the Implementation Plans of the SET Plan	15.05.2018	11.09.2018	CSA
LC-SC3-JA-3-2019: European Pre-Commercial Procurement Programme for Wave Energy Research &Development	14.11.2018	27.08.2019	PCP
LC-SC3-JA-4-2018: Support action in preparation of a Joint Programming activity	31.10.2017	31.01.2018	CSA
LC-SC3-JA-5-2019: Joint Programming with EU and African partners for a R&I actions in the area of renewable energy	14.11.2018	27.08.2019	COFUND-EJP
Cross-cutting issues			
LC-SC3-CC-1-2018-2019-2020: Social Sciences and Humanities (SSH) aspects of the Clean-Energy Transition	15.05.2018	06.09.2018	RIA
LC-SC3-CC-2-2018: Modelling in support to the transition to a Low-Carbon Energy System in Europe	15.05.2018	06.09.2018	RIA
LC-SC3-CC-3-2019: Support for the opening of low-carbon energy research databases in Europe	14.11.2018	27.08.2019	CSA
LC-SC3-CC-4-2018: Support to sectorial fora	05.12.2017	19.04.2018	CSA
LC-SC3-CC-5-2018: Research, innovation and educational capacities for energy transition	15.05.2018	06.09.2018	CSA
LC-SC3-CC-6-2018: Transition in coal intensive regions	15.05.2018	06.09.2018	CSA

RIA: Research and Innovation Action

IA: Innovation Action

CSA: Coordination and Support Action

SME: SME Instrument