

## Call for proposals 2020

### Secure, clean and efficient energy

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CALL: BUILDING A LOW-CARBON, CLIMATE RESILIENT FUTURE: SECURE, CLEAN AND EFFICIENT ENERGY			Project type	Total budget (EUR)	Submission deadline
<b>Buildings in energy transition, energy efficiency</b>	LC-SC3-B4E-1-2020	Towards highly energy efficient and decarbonised buildings	CSA	7 000 000	15 January 2020
	LC-SC3-B4E-10-2020	Self-assessment and self-optimisation of buildings and appliances for a better energy performance	IA	6 000 000	15 January 2020
	LC-SC3-B4E-5-2020	Integrated design concepts for energy efficient ICT in buildings	IA	3 000 000	15 January 2020
	LC-SC3-B4E-8-2020	Renewable and energy efficient solutions for heating and/or cooling, and domestic hot water production in multi-apartment residential buildings	IA	7 000 000	15 January 2020
	LC-SC3-B4E-12-2020	National roundtables to implement the Smart Finance for Smart Buildings initiative	CSA	3 000 000	15 January 2020 10 September 2020
	LC-SC3-B4E-9-2020	Support to the coordination of European smart buildings innovation community	CSA	1 500 000	15 January 2020
	LC-SC3-B4E-6-2020	Big data for buildings	IA	12 000 000	15 January 2020
	LC-SC3-B4E-13-2020	Aggregation - Project Development Assistance	CSA	16 000 000	10 September 2020
	LC-SC3-B4E-11-2020	Financing for energy efficiency investments - Smart Finance for Smart Buildings	CSA	16 000 000	1 September 2020
	LC-SC3-B4E-2-2020	Stimulating demand for sustainable energy skills in the building sector	CSA	4 000 000	10 September 2020
	LC-SC3-B4E-3-2020	Upgrading smartness of existing buildings through innovations for legacy equipment	IA	8 000 000	10 September 2020
	LC-SC3-B4E-14-2020	Enabling next-generation of smart energy services valorising energy efficiency and flexibility at demand-side	CSA	6 000 000	10 September 2020
	LC-SC3-B4E-4-2020	Next-generation of Energy Performance Assessment and Certification	CSA	6 000 000	10 September 2020

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<b>Smart and clean energy for consumers</b>	LC-SC3-EC-4-2020	Socio-economic research: non-energy impacts and behavioural insights on energy efficiency interventions	RIA	10 000 000	15 January 2020
	LC-SC3-EC-3-2020	Consumer engagement and demand response	IA	16 000 000	29 January 2020
	LC-SC3-EC-1-2018-2019-2020	The role of consumers in changing the market through informed decision and collective actions	CSA	12 000 000	10 September 2020
	LC-SC3-EC-2-2018-2019-2020	Mitigating household energy poverty	CSA	12 000 000	10 September 2020
<b>Grid development</b>	LC-SC3-ES-10-2020	DC – AC/DC hybrid grid for a modular, resilient and high RES share grid development	IA	14 000 000	29 January 2020
	LC-SC3-ES-11-2020	Rapid Relief through Transitions on Islands	IA	4 000 000	29 January 2020
	LC-SC3-ES-12-2020	Integrated local energy systems (Energy islands): International cooperation with India	IA	9 000 000	29 January 2020
	LC-SC3-ES-3-2018-2020	Integrated local energy systems (Energy islands)	IA	15 000 000	29 January 2020
	LC-SC3-ES-4-2018-2020	Decarbonising energy systems of geographical Islands	IA	40 000 000	29 January 2020
	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	IA	22 000 000	29 January 2020
<b>Smart Cities and Communities</b>	LC-SC3-SA-1-2020	Smart Airports	IA	12 000 000	29 January 2020
	LC-SC3-SCC-1-2018-2019-2020	Smart Cities and Communities	IA	55 000 000	29 January 2020
	LC-SC3-SCC-2-2020	Positive Energy Districts and Neighbourhoods for urban energy transitions	ERA-NET cofund	5 000 000	1 September 2020
<b>Cross-cutting issues, low carbon industries</b>	LC-SC3-CC-7-2020	European Energy and Climate Modelling Forum (2020-2024)	RIA	5 000 000	1 September 2020
	LC-SC3-CC-9-2020	Industrial (Waste) Heat-to-Power conversion	IA	14 000 000	1 September 2020
	LC-SC3-NZE-5-2020	Low carbon industrial production using CCUS	IA	15 000 000	1 September 2020
<b>Energy transition</b>	LC-SC3-CC-1-2018-2019-2020	Social Sciences and Humanities (SSH) aspects of the Clean-Energy Transition	RIA	10 000 000	1 September 2020
	LC-SC3-EC-5-2020	Supporting public authorities in driving the energy transition	CSA	9 000 000	10 September 2020

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Next generation batteries, energy storage	LC-BAT-8-2020	Next-generation batteries for stationary energy storage	RIA	20 000 000	21 April 2020
	LC-BAT-9-2020	Hybridisation of battery systems for stationary energy storage	RIA	10 000 000	
	LC-SC3-NZE-6-2020	Geological Storage Pilots	RIA	14 000 000	1 September 2020
Renewable energy	LC-SC3-RES-1-2019-2020	Developing the next generation of renewable energy technologies	RIA	45 000 000	21 April 2020
	LC-SC3-RES-18-2020	Advanced drilling and well completion techniques for cost reduction in geothermal energy	RIA	8 000 000	21 April 2020
	LC-SC3-RES-31-2020	Offshore wind basic science and balance of plant	RIA	8 000 000	21 April 2020
	LC-SC3-RES-32-2020	New test rig devices for accelerating ocean energy technology development	RIA	8 000 000	21 April 2020
	LC-SC3-RES-20-2020	Efficient combination of Concentrated Solar Power and desalination (with particular focus on the Gulf Cooperation Council (GCC) region)	IA	10 000 000	1 September 2020
	LC-SC3-RES-25-2020	International cooperation with Japan for Research and Innovation on advanced biofuels and alternative renewable fuels	RIA	5 000 000	1 September 2020
	LC-SC3-RES-3-2020	International Cooperation with USA and/or China on alternative renewable fuels from sunlight for energy, transport and chemical storage	RIA	10 000 000	1 September 2020
	LC-SC3-JA-5-2020	Long Term EU-Africa Partnership for Research and Innovation actions in the area of renewable energy	RIA	15 000 000	26 March 2020
	LC-SC3-RES-34-2020	Demonstration of innovative and sustainable hydropower solutions targeting unexplored small-scale hydropower potential in Central Asia	IA	10 000 000	1 September 2020
	LC-SC3-RES-10-2020	Pre-Commercial Procurement for a 100% Renewable Energy Supply	PCP	15 000 000	26 March 2020
	LC-SC3-RES-36-2020	International cooperation with Canada on advanced biofuels and bioenergy	RIA	5 000 000	1 September 2020
	LC-SC3-RES-26-2020	Development of next generation renewable fuel technologies from CO2 and renewable energy (Power and Energy to Renewable Fuels)	RIA	8 000 000	21 April 2020
	LC-SC3-RES-37-2020	Combined clean biofuel production and phytoremediation solutions from contaminated lands worldwide	RIA	6 000 000	21 April 2020