

H2020. PILAR RETOS SOCIALES
RETO SOCIAL 3. Energía segura, limpia y eficiente

| Convocatoria (CALL) | TOPIC | Fecha de apertura | Fecha de cierre (Deadline) | Link |
|---|--|-------------------|----------------------------|----------------------------|
| H2020-LC-SC3-2018-2019-2020: BUILDING A LOW-CARBON, CLIMATE RESILIENT FUTURE: SECURE, CLEAN AND EFFICIENT ENERGY | LC-SC3-NZE-1-2018: Advanced CO2 capture technologies | 15/05/2018 | 06/09/2018 | Link topic |
| | CE-SC3-NZE-2-2018: Conversion of captured CO2 | 15/05/2018 | 06/09/2018 | Link topic |
| | LC-SC3-NZE-3-2018: Strategic planning for CCUS development | 15/05/2018 | 06/09/2018 | Link topic |
| | LC-SC3-NZE-4-2019: Integrated solutions for flexible operation of fossil fuel power plants through power-to-X-to-power and/or energy storage | 07/05/2019 | 27/08/2019 | Link topic |
| | LC-SC3-NZE-5-2019-2020: Low carbon industrial production using CCUS | 07/05/2019 | 27/08/2019 | Link topic |
| | LC-SC3-CC-1-2018-2019-2020: Social Sciences and Humanities (SSH) aspects of the Clean-Energy Transition | 15/05/2018 | 06/09/2018 | Link topic |
| | | 07/05/2019 | 27/08/2019 | |
| | 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 | Link topic |
| | LC-SC3-CC-3-2019: Support for the opening of low-carbon energy research databases in Europe | 14/11/2018 | 27/08/2019 | Link topic |
| | LC-SC3-CC-4-2018: Support to sectorial fora | 05/12/2017 | 14/04/2018 | Link topic |
| LC-SC3-CC-5-2018: Research, innovation and educational capacities for energy transition | 15/05/2018 | 06/09/2018 | Link topic | |
| LC-SC3-CC-6-2018: Transition in coal intensive regions | 15/05/2018 | 06/09/2018 | Link topic | |

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| H2020-LC-SC3-2018-2019-2020: BUILDING A LOW-CARBON, CLIMATE RESILIENT FUTURE: SECURE, CLEAN AND EFFICIENT ENERGY (Cont.) | 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 | Link topic |
| | | 24/01/2019 | 03/09/2019 | |
| | LC-SC3-EC-2-2018-2019-2020: Mitigating household energy poverty | 25/01/2018 | 04/09/2018 | Link topic |
| | | 24/01/2019 | 03/09/2019 | |
| | 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 | Link topic |
| | | 24/01/2019 | 03/09/2019 | |
| | LC-SC3-EE-2-2018-2019: Integrated home renovation services | 25/01/2018 | 04/09/2018 | Link topic |
| | | 24/01/2019 | 03/09/2019 | |
| | LC-SC3-EE-3-2019-2020: Stimulating demand for sustainable energy skills in the construction sector | 24/01/2019 | 03/09/2019 | Link topic |
| | LC-SC3-EE-4-2019-2020: Upgrading smartness of existing buildings through innovations for legacy equipment | 24/01/2019 | 03/09/2019 | Link topic |
| | LC-SC3-EE-5-2018-2019-2020: Next-generation of Energy Performance Assessment and Certification | 25/01/2018 | 04/09/2018 | Link topic |
| | | 24/01/2019 | 03/09/2019 | |
| | LC-SC3-EE-6-2018-2019-2020: Business case for industrial waste heat/cold recovery | 25/01/2018 | 04/09/2018 | Link topic |
| | | 24/01/2019 | 03/09/2019 | |

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| H2020-LC-SC3-2018-2019-2020: BUILDING A LOW-CARBON, CLIMATE RESILIENT FUTURE: SECURE, CLEAN AND EFFICIENT ENERGY (Cont.) | LC-SC3-EE-8-2018-2019: Capacity building programmes to support implementation of energy audits | 25/01/2018 | 04/09/2018 | Link topic |
| | | 24/01/2019 | 03/09/2019 | |
| | LC-SC3-EE-9-2018-2019: Innovative financing for energy efficiency investments | 25/01/2018 | 04/09/2018 | Link topic |
| | | 24/01/2019 | 03/09/2019 | |
| | LC-SC3-EE-10-2018-2019-2020: Mainstreaming energy efficiency finance | 25/01/2018 | 04/09/2018 | Link topic |
| | | 24/01/2019 | 03/09/2019 | |
| | LC-SC3-EE-11-2018-2019-2020: Aggregation - Project Development Assistance | 25/01/2018 | 04/09/2018 | Link topic |
| | | 24/01/2019 | 03/09/2019 | |
| | 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 | Link topic |
| | | 24/01/2019 | 03/09/2019 | |
| | LC-SC3-EE-14-2018-2019-2020: Socio-economic research conceptualising and modelling energy efficiency and energy demand | 25/01/2018 | 04/09/2018 | Link topic |
| | | 24/01/2019 | 03/09/2019 | |
| | LC-SC3-EE-15-2018: New energy label driving and boosting innovation in products energy efficiency | 25/01/2018 | 04/09/2018 | Link topic |
| | LC-SC3-EE-16-2018-2019-2020: Supporting public authorities to implement the Energy Union | 25/01/2018 | 04/09/2018 | Link topic |
| | | 24/01/2019 | 03/09/2019 | |

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| H2020-LC-SC3-2018-2019-2020: BUILDING A LOW-CARBON, CLIMATE RESILIENT FUTURE: SECURE, CLEAN AND EFFICIENT ENERGY (Cont.) | 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 | Link topic |
| | LC-SC3-ES-1-2019: Flexibility and retail market options for the distribution grid | 05/09/2018 | 05/02/2019 | Link topic |
| | LC-SC3-ES-2-2019: Solutions for increased regional cross-border cooperation in the transmission grid | 05/09/2018 | 05/02/2019 | Link topic |
| | LC-SC3-ES-3-2018-2020: Integrated local energy systems (Energy islands) | 05/09/2017 | 05/04/2018 | Link topic |
| | LC-SC3-ES-4-2018-2020: Decarbonising energy systems of geographical Islands | 05/09/2017 | 05/04/2018 | Link topic |
| | 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 | 05/09/2017 | 05/04/2018 | Link topic |
| | LC-SC3-ES-6-2019: Research on advanced tools and technological development | 05/09/2018 | 05/02/2019 | Link topic |
| | LC-SC3-ES-7-2018: Pan-European Forum for R&I on Smart Grids, Flexibility and Local Energy Networks | 05/09/2017 | 05/04/2018 | Link topic |
| | 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 | Link topic |
| | LC-SC3-JA-1-2018: Joint programming actions to foster innovative energy solutions | 15/05/2018 | 11/09/2018 | Link topic |
| LC-SC3-JA-2-2018: Support to the realisation of the Implementation Plans of the SET Plan | 15/05/2018 | 11/09/2018 | Link topic | |

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| H2020-LC-SC3-2018-2019-2020: BUILDING A LOW-CARBON, CLIMATE RESILIENT FUTURE: SECURE, CLEAN AND EFFICIENT ENERGY (Cont.) | LC-SC3-JA-3-2019: European Pre-Commercial Procurement Programme for Wave Energy Research & Development | 14/11/2018 | 27/08/2019 | Link topic |
| | 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 | Link topic |
| | LC-SC3-RES-1-2019-2020: Developing the next generation of renewable energy technologies | 01/08/2018 | First stage: 16/10/2018; Second stage: 25/04/2018 | Link topic |
| | LC-SC3-RES-2-2018: Disruptive innovation in clean energy technologies | 05/12/2017 | 19/04/2018 | Link topic |
| | LC-SC3-RES-7-2019: Solar Energy in Industrial Processes | 07/05/2019 | 27/08/2019 | Link topic |
| | LC-SC3-RES-8-2019: Combining Renewable Technologies for a Renewable District Heating and/or Cooling System | 05/09/2018 | 11/12/2018 | Link topic |
| | LC-SC3-RES-14-2019: Optimising manufacturing and system operation | 01/08/2018 | First stage: 16/10/2018; Second stage: 28/04/2019 | Link topic |
| | LC-SC3-RES-15-2019: Increase the competitiveness of the EU PV manufacturing industry | 05/09/2018 | 11/12/2018 | Link topic |
| | 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 | Link topic |
| | 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 | Link topic |
| LC-SC3-RES-22-2018: Demonstration of cost effective advanced biofuel pathways in retrofitted existing industrial installations | 05/09/2017 | 05/04/2018 | Link topic | |

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| H2020-LC-SC3-2018-2019-2020: BUILDING A LOW-CARBON, CLIMATE RESILIENT FUTURE: SECURE, CLEAN AND EFFICIENT ENERGY (Cont.) | 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 | Link topic |
| | LC-SC3-RES-24-2019: Boosting pre-commercial production of advanced aviation biofuels | 05/09/2018 | 11/12/2018 | Link topic |
| | LC-SC3-RES-28-2018-2019-2020: Market Uptake support | 05/09/2018 | 11/12/2018 | Link topic |
| | LC-SC3-SCC-1-2018-2019-2020: Smart Cities and Communities | 05/12/2017 | 05/04/2018 | Link topic |
| | | 05/09/2018 | 05/02/2019 | |

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| H2020-LCE-PRIZES-2016-01: HORIZON PRIZE – LOW CARBON ENERGY INDUCEMENT PRIZES 2016 - LOW CARBON HOSPITAL | LCE-Prize-RenewableHospital-01-2016: Horizon prize for a Combined Heat and Power (CHP) Installation in a hospital using 100% Renewable Energy Sources | 05/07/2016 | 03/04/2019 | Link topic |
| H2020-LCE-PRIZES-2016-02: HORIZON PRIZE – LOW CARBON ENERGY INDUCEMENT PRIZES 2016 - PHOTOVOLTAICS MEETS HISTORY | LCE-Prize-PhotovoltaicsHistory-01-2016: Horizon prize for Integrated Photovoltaic System in European Protected Historic Urban districts | 05/07/2016 | 26/09/2018 | Link topic |
| H2020-LCE-PRIZES-2016-03: HORIZON PRIZE – LOW CARBON ENERGY INDUCEMENT PRIZES 2016 - CO2 REUSE | LCE-Prize-CO2Reuse-01-2016: Horizon prize for CO2 reuse | 05/07/2016 | 03/04/2019 | Link topic |
| H2020-SUNFUEL-EICPRIZE-2021: EIC HORIZON PRIZE FOR 'FUEL FROM THE SUN: ARTIFICIAL PHOTOSYNTHESIS' | Sunfuel-EICPrize-2021: EIC Horizon Prize for 'Fuel from the Sun: Artificial Photosynthesis' | 12/12/2017 | 03/02/2021 | Link topic |

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| H2020-JTI-FCH-2018-1: FCH2 JU CALL FOR PROPOSALS 2018 | FCH-01-1-2018: Large Scale Demonstration of H2 fueled HD Trucks with High Capacity Hydrogen Refueling Stations (HRS) | 16/01/2018 | 24/04/2018 | Link topic |
| | FCH-01-2-2018: Demonstration of Fuel Cell applications for mid-size passenger ships or inland freight | 16/01/2018 | 24/04/2018 | Link topic |
| | FCH-01-3-2018: Strengthening of the European supply chain for compressed storage systems for transport applications | 16/01/2018 | 24/04/2018 | Link topic |
| | FCH-01-4-2018: Fuel cell systems for the propulsion of aerial passenger vehicle | 16/01/2018 | 24/04/2018 | Link topic |
| | FCH-01-5-2018: Next generation automotive MEA development | 16/01/2018 | 24/04/2018 | Link topic |
| | FCH-01-6-2018: Game changer fuel cell stack for automotive applications | 16/01/2018 | 24/04/2018 | Link topic |
| | FCH-01-7-2018: Improvement of innovative compression concepts for large scale transport applications | 16/01/2018 | 24/04/2018 | Link topic |
| | FCH-02-1-2018: Demonstration of a large-scale (min. 20MW) electrolyser for converting renewable energy to hydrogen | 16/01/2018 | 24/04/2018 | Link topic |
| | FCH-02-2-2018: Demonstration of large-scale steam electrolyser system in industrial market | 16/01/2018 | 24/04/2018 | Link topic |
| | FCH-02-3-2018: Robust, efficient long term remote power supply | 16/01/2018 | 24/04/2018 | Link topic |
| FCH-02-4-2018: Thermochemical Hydrogen Production from Concentrated Sunlight | 16/01/2018 | 24/04/2018 | Link topic | |

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| H2020-JTI-FCH-2018-1: FCH2 JU CALL FOR PROPOSALS 2018 (Cont.) | FCH-02-5-2018: Hydrogen carriers for stationary storage of excess renewable energy | 16/01/2018 | 24/04/2018 | Link topic |
| | FCH-02-6-2018: Cost-effective novel architectures of interconnects | 16/01/2018 | 24/04/2018 | Link topic |
| | FCH-02-7-2018: Efficient and cost-optimised biogas-based co-generation by high-temperature fuel cells | 16/01/2018 | 24/04/2018 | Link topic |
| | FCH-02-8-2018: Waste-stream based power balancing plants with high efficiency, high flexibility and power-to-X capability | 16/01/2018 | 24/04/2018 | Link topic |
| | FCH-03-1-2018: Developing Fuel Cell applications for port/harbour ecosystems | 16/01/2018 | 24/04/2018 | Link topic |
| | FCH-04-1-2018: PNR for safety of hydrogen driven vehicles and transport through tunnels and similar confined spaces | 16/01/2018 | 24/04/2018 | Link topic |
| | FCH-04-2-2018: Hydrogen admixtures in the natural gas grid | 16/01/2018 | 24/04/2018 | Link topic |
| | FCH-04-3-2018: Accelerated Stress Testing (AST) protocols for Solid Oxide Cells (SOC) | 16/01/2018 | 24/04/2018 | Link topic |
| | FCH-04-4-2018: Strengthening public acceptance and awareness of FCH-technologies by educating pupils at schools | 16/01/2018 | 24/04/2018 | Link topic |