

## Horizon 2020 Work Programme 2018-2020

### Secure, clean and efficient energy

ISJEČAK SADRŽAJA SA POZIVIMA ZA 2019. I 2020. GODINU

CJELOVITI DOKUMENT MOŽE SE PREUZETI NA:

[http://ec.europa.eu/research/participants/data/ref/h2020/wp/2018-2020/main/h2020-wp1820-energy\\_en.pdf](http://ec.europa.eu/research/participants/data/ref/h2020/wp/2018-2020/main/h2020-wp1820-energy_en.pdf)

Godina poziva	Datum otvaranja poziva	Datum zatvaranja poziva
<b>2019</b>	01.08.2018. 14.11.2018. 12.03.2019. 07.05.2019.	25.04.2019. (druga faza) 27.08.2019. 03.09.2019.
<b>2020</b>	Biće definisan	Biće definisan

# Call - BUILDING A LOW-CARBON, CLIMATE RESILIENT FUTURE: SECURE, CLEAN AND EFFICIENT ENERGY

## Energy efficiency

- LC-SC<sub>3</sub>-EE-3-2019-2020: Stimulating demand for sustainable energy skills in the construction sector
- LC-SC<sub>3</sub>-EE-4-2019-2020: Upgrading smartness of existing buildings through innovations for legacy equipment
- LC-SC<sub>3</sub>-EE-17-2019: European City Facility - European cities as key innovation hubs to unlock finance for energy efficiency
- LC-SC<sub>3</sub>-EE-18-2019: Bioclimatic approaches for improving energy performance in buildings in Africa and Europe

## Global leadership in renewables

- LC-SC<sub>3</sub>-RES-1-2019-2020: Developing the next generation of renewable energy technologies
- LC-SC<sub>3</sub>-RES-29-2019: Converting Sunlight to storable chemical energy
- LC-SC<sub>3</sub>-RES-7-2019: Solar Energy in Industrial Processes
- LC-SC<sub>3</sub>-RES-8-2019: Combining Renewable Technologies for a Renewable District Heating and/or Cooling System
- LC-SC<sub>3</sub>-RES-14-2019: Optimising manufacturing and system operation
- LC-SC<sub>3</sub>-RES-15-2019: Increase the competitiveness of the EU PV manufacturing industry
- LC-SC<sub>3</sub>-RES-16-2019: Development of solutions based on renewable sources that provide flexibility to the energy system
- LC-SC<sub>3</sub>-RES-17-2019: Demonstration of solutions based on renewable sources that provide flexibility to the energy system
- LC-SC<sub>3</sub>-RES-30-2019: Demonstration of plug and play solutions for renewable off-grid electricity
- LC-SC<sub>3</sub>-RES-23-2019: Development of next generation biofuel and alternative renewable fuel technologies for aviation and shipping
- LC-SC<sub>3</sub>-RES-24-2019: Boosting pre-commercial production of advanced aviation biofuels
- LC-SC<sub>3</sub>-RES-28-2018-2019-2020: Market Uptake support

## Smart and clean energy for consumers

- LC-SC<sub>3</sub>-EC-3-2020 - Consumer engagement and demand response

## Smart citizen-centred energy system

- LC-SC<sub>3</sub>-ES-1-2019: Flexibility and retail market options for the distribution grid
- LC-SC<sub>3</sub>-ES-2-2019: Solutions for increased regional cross-border cooperation in the transmission grid

- LC-SC3-ES-6-2019: Research on advanced tools and technological development
- LC-SC3-ES-8-2019: European Islands Facility - Unlock financing for energy transitions and supporting islands to develop investment concepts
- LC-SC3-ES-9-2019: ERA-NET Co-Fund Enhanced cooperation in Digitalisation of Energy Systems and Networks

### **Enabling near-zero CO<sub>2</sub> emissions from fossil fuel power plants and carbon intensive industries**

- 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
- LC-SC3-NZE-5-2019-2020: Low carbon industrial production using CCUS
- LC-SC3-NZE-6-2020: Geological Storage Pilots

### **Joint Actions**

- LC-SC3-JA-3-2019: European Pre-Commercial Procurement Programme for Wave Energy Research & Development
- LC-SC3-JA-5-2020: Joint Programming with EU and African partners for a R&I actions in the area of renewable energy

### **Cross-cutting issues**

- LC-SC3-CC-3-2019: Support for the opening of low-carbon energy research databases in Europe

## **Indicative topics for 2020**

### **Energy efficiency**

- Energy efficient industry and services: LC-SC3-EE-7-2020: Increasing energy efficiency of small data centres
- Energy efficiency is an investment: LC-SC3-EE-12-2020: Innovation procurement for energy efficiency

### **Global leadership in renewables**

- Next Renewable energy solutions: LC-SC3-RES-3-2020: International Cooperation with USA on alternative renewable fuels for energy and transport
- Renewable energy solutions for implementation at consumer scale:
  - LC-SC3-RES-9-2020: Next generation of thin-film photovoltaic technologies
  - LC-SC3-RES-10-2020: Pre-Commercial Procurement for a 100% Renewable Energy Supply

- Renewable energy solutions for energy system level implementation:
  - LC-SC3-RES-18-2020: Demonstration of the solutions based on renewable sources that provide flexibility to the energy system
  - LC-SC3-RES-19-2020: Demonstration of floating wind farms
  - LC-SC3-RES-20-2020: Efficient combination of concentrated solar power (CSP) and desalination (with particular focus on the Gulf Cooperation Council (GCC) region)
- Renewable Fuels for transport:
  - LC-SC3-RES-25-2020: International cooperation for Research and Innovation on advanced biofuels and alternative renewable fuels
  - LC-SC3-RES-26-2020: Development of next generation biofuel and alternative renewable fuel technologies from CO<sub>2</sub> and renewable energy (Power and Energy to Fuels)
  - LC-SC3-RES-27-2020: Demonstration of advanced biofuels production from aquatic biomass
- Smart and clean energy for consumers: LC-SC3-EC-3-2020: Consumer engagement and demand response
- Enabling near-zero CO<sub>2</sub> emissions from fossil fuel power plants and carbon intensive industries: LC-SC3-NZE-6-2020: Geological Storage Pilots

Originalna dokumentacija, pretraživanje zainteresovanih partnera i link za proces prijavljivanja može se pronaći [OVDJE](#)

Za podršku, možete se obratiti nacionalnoj kontakt osobi za ovaj segment programa:  
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Stranica za promociju H2020 Ministarstva nauke: <http://www.mna.gov.me/ministarstvo/Horizont2020>