

Horizon 2020 Work Programme 2016 - 2017
Secure, Clean and Efficient Energy
(Cliquez sur le titre pour accéder au détail de l'appel à projets en ligne)

Thématiques	Appels à proposition	Date limite
ENERGY EFFICIENCY	Heating and cooling	
	EE-01-2017: Waste heat recovery from urban facilities and re-use to increase energy efficiency of district or individual heating and cooling systems	19-01-2017
	EE-02-2017: Improving the performance of inefficient district heating networks	07-06-2017
	EE-03-2016: Standardised installation packages integrating renewable and energy efficiency solutions for heating, cooling and/or hot water preparation	21/01/2016
	EE-04-2016-2017: New heating and cooling solutions using low grade sources of thermal energy	21/01/2016
	EE-05-2016: Models and tools for heating and cooling mapping and planning	21/01/2016
	Engaging consumers towards sustainable energy	
	EE-06-2016-2017: Engaging private consumers towards sustainable energy	15/09/2016
	EE-07-2016-2017: Behavioural change toward energy efficiency through ICT	21-01-2016
	EE-08-2016: Socio-economic research on consumer's behaviour related to energy efficiency	21/01/2016
	EE-09-2016-2017: Engaging and activating public authorities	15/09/2016
	Buildings	
	EE-10-2016: Supporting accelerated and cost-effective deep renovation of buildings through Public Private Partnership (EeB PPP)	21/01/2016
	EE-11-2016-2017: Overcoming market barriers and promoting deep renovation of buildings	15/09/2016
	EE-12-2017: Integration of Demand Response in Energy Management Systems while ensuring interoperability through Public Private Partnership (EeB PPP)	19/01/2017
	EE-13-2016: Cost reduction of new Nearly Zero-Energy buildings	15/09/2016
	EE-14-2016-2017: Construction skills	15/09/2016
	Industry, services and products	
	EE-15-2017: Increasing capacities for actual implementation of energy efficiency measures in industry and services	07/06/2017
	EE-16-2016-2017: Effective implementation of EU product efficiency legislation	15/09/2016
	EE-17-2016-2017: Valorisation of waste heat in industrial systems (SPIRE PPP)	21-01-2016
	EE-18-2017: Energy efficiency of industrial parks through energy cooperation and mutualised energy services	07-06-2017
	EE-19-2017: Public Procurement of Innovative Solutions for energy efficiency	07-06-2017
	EE-20-2017: Bringing to market more energy efficient and integrated data centres	19-01-2017
	EE-21-2016: ERA-NET Cofund actions supporting Joint Actions towards increasing energy efficiency in industry and services	15-09-2016
Innovative financing for energy efficiency investments		
EE-22-2016-2017: Project Development Assistance	15-09-2016	
EE-23-2017: Innovative financing schemes	07-06-2017	
EE-24-2016-2017: Making the energy efficiency market investible	15-09-2016	
EE-25-2016: Development and roll-out of innovative energy efficiency services	15-09-2016	
Towards an integrated EU energy system		
LCE-01-2016-2017: Next generation innovative technologies enabling smart grids, storage and energy system integration with increasing share of renewables: distribution network	05-04-2016	
LCE-02-2016: Demonstration of smart grid, storage and system integration technologies with increasing share of renewables: distribution system	05-04-2016	
LCE-03-2016: Support to R&I strategy for smart grid and storage	05-04-2016	
LCE-04-2017: Demonstration of smart transmission grid, storage and system integration technologies with increasing share of renewables	14-02-2017	
LCE-05-2017: Tools and technologies for coordination and integration of the European energy system	14-02-2017	
Renewable energy technologies		
Renewable energy technologies : Developing the next generation of renewable energy technologies		
LCE-06-2017: New knowledge and technologies	05/01/2017	
LCE-07-2016-2017: Developing the next generation technologies of renewable electricity and	16-02-2016	
LCE-08-2016-2017: Development of next generation biofuel technologies	16-02-2016	
Renewable energy technologies : Demonstrating innovative renewable energy technologies		

COMPETITIVE LOW-CARBON ENERGY	LCE-09-2016: Increasing the competitiveness of the EU PV manufacturing industry	08/09/2016	
	LCE-10-2017: Reducing the cost of PV electricity	07-09-2017	
	LCE-11-2017: Near-to-market solutions for reducing the water consumption of CSP Plants	07-09-2017	
	LCE-12-2017: Near-to-market solutions for the use of solar heat in industrial processes	07-09-2017	
	LCE-13-2016: Solutions for reduced maintenance, increased reliability and extended life-time of off-shore wind turbines/farms	08-09-2016	
	LCE-14-2017: Demonstration of large >10MW wind turbine	07-09-2017	
	LCE-15-2016: Scaling up in the ocean energy sector to arrays	08/09/2016	
	LCE-16-2017: 2nd Generation of design tools for ocean energy devices and arrays development and deployment	07-09-2017	
	LCE-17-2017: Easier to install and more efficient geothermal systems for retrofitting buildings	07-09-2017	
	LCE-18-2017: EGS in different geological conditions	07-09-2017	
	LCE-19-2016-2017: Demonstration of the most promising advanced biofuel pathways	08-09-2016	
	LCE-20-2016-2017: Enabling pre-commercial production of advanced aviation biofuel	08-09-2016	
	Renewable energy technologies : Supporting the market uptake of renewable energy technologies		
	LCE-21-2017: Market uptake of renewable energy technologies	05-01-2017	
	Renewable energy technologies : Fostering international cooperation in the area of renewable energy		
	LCE-22-2016: International Cooperation with Brazil on advanced lignocellulosic biofuels	08/09/2016	
	LCE-23-2016: International Cooperation with Mexico on geothermal energy	16/02/2016	
	Enabling the decarbonisation of the use of fossil fuels during the transition to a low-carbon economy		
	LCE-24-2016: International Cooperation with South Korea on new generation high-efficiency capture processes	16/02/2016	
	LCE-25-2016: Utilisation of captured CO2 as feedstock for the process industry	16/02/2016	
	LCE-26-2016: Cross-thematic ERA-NET on Applied Geosciences	05/04/2016	
	LCE-27-2017: Measuring, monitoring and controlling the risks of CCS, EGS and unconventional hydrocarbons in the subsurface	05/01/2017	
	LCE-28-2017: Highly flexible and efficient fossil fuel power plants	05/01/2017	
	LCE-29-2017: CCS in industry, including Bio-CCS	05/01/2017	
	LCE-30-2017: Geological storage pilots	05/01/2017	
	Social, economic and human aspects of the energy system		
	LCE-31-2016-2017: Social Sciences and Humanities Support for the Energy Union	16/02/2016	
	LCE-32-2016: European Platform for energy-related Social Sciences and Humanities research	05-04-2016	
	Supporting the development of a European research area in the field of energy		
	LCE-33-2016: European Common Research and Innovation Agendas (ECRIAs) in support of the implementation of the SET Action Plan	05-04-2016	
	LCE-34-2016: Joint Actions towards the demonstration and validation of innovative energy solutions	05-04-2016	
	LCE-35-2016: Framework Partnership Agreement supporting Joint Actions towards the demonstration and validation of innovative energy solutions	08-09-2016	
	Cross-cutting issues		
	LCE-36-2016: Support to the energy stakeholders to contribute to the SET-Plan	16/02/2016	
	SME INSTRUMENT	SMEInst-09-2016-2017 Stimulating the innovation potential of SMEs for a low carbon and efficient energy system	Multiple cut off dates
FAST TRACK TO INNOVATION	Fast Track To Innovation - Pilot (Toutes thématiques)	Multiple cut off dates	
	Autres actions de l'Union Européenne dans le domaine de l'énergie (Pas d'appels à projets H2020)		
	<ul style="list-style-type: none"> 1 Horizon prize for CO2 reuse 2 Horizon prize for a Combined Heat and Power (CHP) Installation in a hospital using 100% Renewable Energy Sources 3 Horizon prize for Integrated Photovoltaic System in European Protected Historic Urban districts 4 Assessment of costs and benefits and of macro-economic impacts of energy efficiency policies 5 Assistance with the verification of compliance of national legislative measures implementing Directive 2012/27/EU on energy efficiency 6 Improvement of CHP data collection 		

6 Improvement of ENR data collection

7 Analysis of calculation method of Member States for their indicative national energy efficiency target (Article 3 of the Energy Efficiency Directive)

8 Online platform

9 Research on the need for training and retraining of energy system professionals

10 Monitoring the impact of the information and dissemination activities on available energy efficiency mechanisms and financial and legal framework carried out by the Member States

11 Study on the impact of energy audits requirement on large industry

12 Support to the initiative on sustainable energy in the defence and security sector

13 Study analysing the cost-effective share of efficient district heating and cooling in the EU

14 Study on utility models

15 Study on heat market design including coordination, pricing and trading mechanisms, business models, as well as consumer protection, engagement and participation models and conditions

16 Continuation of the Building Stock Observatory and production of relevant bottom-up statistical data on buildings

17 Support for the implementation of the EU voluntary certification scheme for non-residential buildings and related follow-up to standardisation work on EPBD and related communication and dissemination

18 Provision of technical assistance, studies and/or IT tools to collect and analyse relevant data and to properly assess complex technical, environmental, economic, legal and social aspects of different product groups

19 Technical support on standardisation work for energy related products including technical support to the Commission, and technical support to stakeholders on standardisation work for energy related products

20 Support for the development and implementation of the EU Energy Star Programme including maintenance of the website, development of new technical specifications, impact analysis and market penetration survey

21 Communication efforts in support of the implementation of the legislative framework for energy efficiency

22 Studies on energy efficiency investments financing framework underpinning the work on the EPBD review under the "Smart finance for smart buildings initiative"

23 EASME external communication activities (publications, audiovisual, events)

24 Support initiative to assist actors working on sustainable energy at the local and regional level while taking into account existing initiatives and platforms

25 Concerted Action EED: support to Member States and participating countries for the implementation of the Energy Efficiency Directive

26 Administrative arrangement with the JRC, to implement the relevant provisions of Energy Efficiency related Directives or Regulations, including Directive 2012/27/EU and the EPBD

27 ELENA (European Local Energy Assistance)

28 InnovFin Energy Demonstration Projects (EDP) Pilot Facility

29 Coordination of renewable fuel stakeholder's strategy in the field of aviation

30 Support for alternative and renewable liquid and gaseous fuels forum (policy and market issues)

31 A joint mapping platform for bioenergy issues

32 Carbon Capture and Sequestration (CCS) knowledge sharing and European CCS Demonstration Project Network

33 Monitoring and assessment of the performance indicators of renewable energy, investment and RES market trends in Europe

34 2018 Renewable energy progress report

35 Technical support for evaluation of Member State strategic energy plans for post 2020 for the deployment of renewable energy, and their adequacy for achieving the binding EU renewable target for 2030

36 Technical support for a comprehensive assessment of practical implementation of administrative procedures for RES projects in Member States and recommendations for common guidelines for permit procedures and coordination requirements

37 Leading the debate on the EU ambition to become world leader in renewable energy with a post-2020 vision

38 Support activities for further development and implementation of the sustainability scheme for biofuels

39 Technical support activities to assess the competitiveness of the European renewable energy industry

40 Information and communication activities

41 Energy System Modelling

42 Studies on the EU energy system in support of policy

43 Support to Research and Innovation Policy in the areas of Renewable Energy, Carbon Capture and Storage and More Efficient Coal Combustion

44 Support services for exploitation of research results

45 Study on a comprehensive EU approach as regards international cooperation in the energy area – the R&I perspective

46 Grant to named beneficiary to support the operations of the European Energy Research Alliance (EERA)

47 Contribution to Implementing Agreements (IA) of the International Energy Agency (IEA)

48 Contribution to the International Renewable Energy Agency (IRENA)

OTHER ACTIONS

[Cf Work Programme](#)

70 Contribution to the International Renewable Energy Agency (IRENA)

49 Contribution to the Global CCS Institute

50 Support to the European Innovation Partnership on Smart Cities and Communities and its Market Place

51 Smart Cities and Communities information system

52 Support Services for the Covenant of Mayors

53 Administrative arrangement with the JRC on the identification of the technologies and innovative solutions that support to the cost-effective implementation of EU energy policy priorities within the ESIF

54 Support to the Slovak Presidency Conference on the European Strategic Technology Plan (Set-Plan) 2016

55 Support to the UK Presidency Conference on the European Strategic Technology Plan (Set-Plan) 2017

56 An Economic Evaluation for SET-Plan

57 Mapping technology priorities of SET-Plan to incentives for the investment community

58 Community-Building of the investment community for innovative energy technology projects

59 Communication and information activities

60 External expertise

61 Experts for policy relevant analyses and forward looking reflection

62 Specific Grant Agreements (SGAs) for ERA-NET Cofund actions supporting Joint Actions towards the demonstration and validation of innovative energy solutions

63 Support to European Standardisation Organisations on standardisation work for energy related products specific grant agreement under FW grant agreement with CEN GENELEC

64 Standardisation request to the CEN (European Committee for Standardisation) for algae and algae-based products in support of the implementation of the RED Directive 2009/28/EC

La cellule Europe est à votre disposition pour vous soutenir dans vos réponses aux appels à projets ou dans votre recherche de partenaire, n'hésitez pas à nous solliciter !

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