



## Horizont 2020 - Aktuelle Ausschreibungen 2015 ⇒ **ENERGIE**

### **SOCIAL CHALLENGE 3 – Secure, clean and efficient Energy Ausschreibungen 2015 im Überblick**

- Budget for the Energy activity 2014-2020: approximately € 5.8 billion
- Indicative budget for 2015 calls: € 615 million

2015 Call title	Funding € Millions	No of topics
Energy Efficiency (EE)	98	16
Competitive Low Carbon Energy (LCE)	372	15
Smart Cities and Communities (SCC)	108	3
SMEs and Fast Track to Innovation for Energy (SIE)	37	2
<b>Total</b>	<b>615</b>	<b>36</b>
<b>ENERGY EFFICIENCY CALL : H2020-EE-2014-2015</b>		
Name of Sub Call	Call identifier	Deadline for submission +17:00:00 (Brussels local time)
ENERGY EFFICIENCY - PPP EEB AND SPIRE TOPICS	H2020-EE-2015-1-PPP	20 May 2015
ENERGY EFFICIENCY RESEARCH & INNOVATION	H2020-EE-2015-2-RIA	4 June 2015
ENERGY EFFICIENCY - MARKET UPTAKE	H2020-EE-2015-3 MarketUptake	4 June 2015
ENERGY EFFICIENCY - MARKET UPTAKE PDA	H2020-EE-2015-4-PDA	4 June 2015
<b>LOW CARBON ENERGY CALL : H2020-LCE-2014-2015</b>		
Name of Sub Call	Call identifier	Deadline for submission +17:00:00 (Brussels local time)
CALL FOR COMPETITIVE LOW- CARBON ENERGY	H2020-LCE-2015-1	Stage 1 : 3 September 2014 Stage 2 : 5 May 2015
CALL FOR COMPETITIVE LOW- CARBON ENERGY	H2020-LCE-2015-2	3 March 2015
CALL FOR COMPETITIVE LOW- CARBON ENERGY	H2020-LCE-2015-3	3 March 2015
<b>CALL – SMART CITIES AND COMMUNITIES : H2020-SCC-2014-2015</b>		
Name of Sub Call	Call identifier	Deadline for submission +17:00:00 (Brussels local time)
CALL – SMART CITIES AND COMMUNITIES	H2020-SCC-2015	5 May 2015

<b>HORIZON 2020 DEDICATED SME INSTRUMENT : H2020-SMEInst-2014-2015</b>		
<b>Name of Sub Call</b>	<b>Call identifier</b>	<b>Deadline for submission +17:00:00 (Brussels local time)</b>
HORIZON 2020 DEDICATED SME INSTRUMENT - PHASE 1 2015	H2020-SMEINST-1-2015	16 December 2015 Intermediate deadlines(s) 18 March 2015 17 June 2015 17 September 2015
HORIZON 2020 DEDICATED SME INSTRUMENT - PHASE 2 2015	H2020-SMEINST-2-2015	16 December 2015 Intermediate deadlines(s) 18 March 2015 17 June 2015 17 September 2015

### **Activities Funded in the Call for Proposals**

The **secure, clean and efficient energy** Societal Challenge is comprised of the following areas:

- Buildings and consumers
- Heating and cooling
- Industry and products
- Finance for sustainable energy
- Renewable electricity and heating/cooling
- Modernising the European electricity grid
- Providing the energy system with flexibility through enhanced energy storage technologies
- Sustainable biofuels and alternative fuels for the European transport fuel mix
- Enabling the decarbonisation of the use of fossil fuels during the transition to a low- carbon economy
- Supporting the development of a European research area in the field of energy
- Social, environmental and economic aspects of the energy system
- Cross-cutting issues
- Enhancing the roll-out of Smart Cities and Communities solutions by stimulating the market demand

## Call Topics – Ausschreibungsthemen

ENERGY EFFICIENCY CALL : H2020-EE-2014-2015	
Area / Topic & Title / EU contribution	Funding Scheme / Deadline
<b>A - Area: Buildings and consumers</b>	
Topic <b>EE-02-2015</b> : Buildings design for new highly energy performing buildings <b>EU contribution: between €3-5 million</b>	Innovation actions (PPP EeB) Deadline: 20 May 2015
Topic <b>EE-05-2015</b> : Increasing energy performance of existing buildings through process and organisation innovations and creating a market for deep renovation <b>EU contribution: between €1.5-2 million</b>	Coordination and Support Actions Deadline : 4 June 2015
Topic <b>EE-06-2015</b> : Demand response in blocks of buildings <b>EU contribution: between €3-5 million</b>	Innovation Actions Deadline : 4 June 2015
Topic <b>EE-07-2015</b> : Enhancing the capacity of public authorities to plan and implement sustainable energy policies and measures <b>EU contribution: between €1.5-2 million</b>	Coordination and Support Actions Deadline : 4 June 2015
Topic <b>EE-09-2015</b> : Empowering stakeholders to assist public authorities in the definition and implementation of sustainable energy policies and measures <b>EU contribution: between €1.5-2 million</b>	Coordination and Support Actions Deadline : 4 June 2015
Topic <b>EE-10-2015</b> : Consumer engagement for sustainable energy <b>EU contribution: between €1-1.5 million</b>	Coordination and Support Actions Deadline : 4 June 2015
Topic <b>EE-11-2015</b> - New ICT-based solutions for energy efficiency <b>EU contribution: between €1.5-2 million</b>	Research and Innovation Actions Deadline : 4 June 2015
<b>B - Area: Heating and cooling</b>	
Topic <b>EE-13-2015</b> : Technology for district heating and cooling <b>EU contribution: between €1.5-2 million</b>	Research and innovation actions Deadline : 4 June 2015
Topic <b>EE-14-2015</b> : Removing market barriers to the uptake of efficient heating and cooling solutions <b>EU contribution: between €1.5-2 million</b>	Coordination and Support Actions Deadline : 4 June 2015
<b>C - Area: Industry and products</b>	
Topic <b>EE-15-2015</b> : Ensuring effective implementation of EU product efficiency legislation <b>EU contribution: between €1.5-2 million</b>	Coordination and Support Actions Deadline : 4 June 2015
Topic <b>EE-16-2015</b> : Organisational innovation to increase energy efficiency in industry <b>EU contribution: between €1.5-2 million</b>	Coordination and Support Actions Deadline : 4 June 2015
Topic <b>EE-17-2015</b> : Driving energy innovation through large buyer groups <b>EU contribution: between €1.5-2 million</b>	Coordination and Support Actions Deadline : 4 June 2015

Topic <b>EE-18-2015</b> : New technologies for utilization of heat recovery in large industrial systems, considering the whole energy cycle from heat production to transformation, delivery and end use <b>EU contribution: between €3-4 million</b>	Research and Innovation Actions (PPP SPIRE) Deadline : 20 May 2015
<b>D - Area: Finance for sustainable energy</b>	
Topic <b>EE-19-2015</b> : Improving the financeability and attractiveness of sustainable energy investments <b>EU contribution: between €1.5-2 million</b>	Coordination and Support Actions Deadline : 4 June 2015
Topic <b>EE-20-2015</b> : Project development assistance for innovative bankable and aggregated sustainable energy investment schemes and projects <b>EU contribution: between €0.5-2 million</b>	Coordination and Support Actions Deadline : 4 June 2015
Topic <b>EE-21-2015</b> : Development and market roll-out of innovative energy services and financial schemes for sustainable energy <b>EU contribution: between €1-1.5 million</b>	Coordination and Support Actions Deadline : 4 June 2015

More background information including an FAQ on the Energy Efficiency call (questions answered on many of the EE topics above) can be found here: [http://ec.europa.eu/easme/energy\\_en.htm](http://ec.europa.eu/easme/energy_en.htm)

<b>LOW CARBON ENERGY CALL : H2020-LCE-2014-2015</b>	
<b>Area / Topic &amp; Title / EU contribution</b>	<b>Funding Scheme / Deadline</b>
<b>A - Area: Renewable electricity and heating/cooling</b>	
Topic <b>LCE-02-2015</b> : Developing the next generation technologies of renewable electricity and heating/cooling <b>EU contribution: between €3-6 million</b>	Research and Innovation Actions Deadline : 3 Sept 2014 (Stage 1), 5 May 2015 (Stage 2)
Topic <b>LCE-03-2015</b> : Demonstration of renewable electricity and heating/cooling technologies <b>EU contribution: between €5-20 million</b>	Innovation actions Deadline: 3 March 2015
Topic <b>LCE-04-2015</b> : Market uptake of existing and emerging renewable electricity, heating and cooling technologies <b>EU contribution: between €1-4 million</b>	Coordination and Support Actions Deadline: 3 March 2015
<b>B - Area: Modernising the European electricity grid</b>	
Topic <b>LCE-05-2015</b> : Innovation and technologies for the deployment of meshed off-shore grids <b>EU contribution: between €30-40 million</b>	Innovation Actions Deadline: 3 March 2015
Topic <b>LCE-06-2015</b> : Transmission grid and wholesale market <b>EU contribution: between €12-15 million</b>	Innovation Actions, Research and Innovation Actions Deadline: 3 March 2015
<b>C - Area: Providing the energy system with flexibility through enhanced energy storage technologies</b>	
Topic <b>LCE-09-2015</b> : Large scale energy storage <b>EU contribution: between €20-25 million</b>	Innovation actions Deadline: 3 March 2015
<b>D - Area: Sustainable biofuels and alternative fuels for the European transport fuel mix</b>	
Topic <b>LCE-11-2015</b> : Developing next generation technologies for biofuels and sustainable alternative fuels <b>EU contribution: between €3-6 million</b>	Research and Innovation Actions Deadline : 3 Sept 2014 (Stage 1), 5 May 2015 (Stage 2)
Topic <b>LCE-12-2015</b> : Demonstrating advanced biofuel technologies <b>EU contribution: between €5-20 million</b>	Innovation Actions Deadline: 3 March 2015

Topic <b>LCE-13-2015</b> : Partnering with Brazil on advanced biofuels <b>EU contribution: between €5-10 million</b>	Innovation Actions Deadline: 5 May 2015
Topic <b>LCE-14-2015</b> : Market uptake of existing and emerging sustainable bioenergy <b>EU contribution: between €1-2 million</b>	Coordination and Support Actions Deadline: 3 March 2015
Topic <b>LCE-15-2015</b> : Enabling decarbonisation of the fossil fuel-based power sector and energy intensive industry through CCS <b>EU contribution: between €4-9 million</b>	Coordination and Support Actions Deadline : 3 Sept 2014 (Stage 1), 5 May 2015 (Stage 2)
Topic <b>LCE-17-2015</b> : Highly flexible and efficient fossil fuel power plants <b>EU contribution: between €3-6 million</b>	Research and Innovation Actions Deadline : 3 Sept 2014 (Stage 1), 5 May 2015 (Stage 2)
<b>E - Area: Supporting the development of a European research area in the field of energy</b>	
Topic <b>LCE-18-2015</b> : Supporting Joint Actions on demonstration and validation of innovative energy solutions <b>EU contribution: between €10-20 million</b>	ERA-NET Cofund 28 April 2015
Topic <b>LCE-19-2015</b> : Supporting coordination of national R&D activities <b>EU contribution: between €0.1-0.5 million</b>	Coordination and Support Actions Deadline: 3 March 2015
<b>F - Area: Social, environmental and economic aspects of the energy system</b>	
Topic <b>LCE-21-2015</b> : Modelling and analysing the energy system, its transformation and impacts <b>EU contribution: between €2-4 million</b>	Research and Innovation Actions Deadline: 3 March 2015

More information on most LCE topics can be found in the Low-Carbon Energy FAQ here:  
[http://ec.europa.eu/research/participants/portal/doc/call/h2020/h2020-lce-2014-1/1595100-faq\\_1\\_lce\\_call\\_en.pdf](http://ec.europa.eu/research/participants/portal/doc/call/h2020/h2020-lce-2014-1/1595100-faq_1_lce_call_en.pdf)

<b>CALL – SMART CITIES AND COMMUNITIES : H2020-SCC-2014-2015</b>	
<b>Area / Topic &amp; Title / EU contribution</b>	<b>Funding Scheme / Deadline</b>
Topic <b>SCC-01-2015</b> : Smart Cities and Communities solutions integrating energy, transport, ICT sectors through lighthouse (large scale demonstration - first of the kind) projects <b>EU contribution: between €18-25 million</b>	Innovation Actions Deadline: 5 May 2015
<b>Area: Enhancing the roll-out of Smart Cities and Communities solutions by stimulating the market demand</b>	
Topic <b>SCC-03-2015</b> : Development of system standards for smart cities and communities solutions <b>EU contribution: between €0.1-0.5 million</b>	Coordination and support actions Deadline: 5 May 2015
Topic <b>SCC-05-2015</b> : Smart solutions for creating better cities and communities – assistance for a prize competition <b>EU contribution: conditions to be confirmed</b>	Inducement prizes (conditions to be confirmed) Deadline: tbc

More information on SCC can be found in the FAQ here:  
[http://ec.europa.eu/eip/smartcities/files/faq-h2020v2clean-20140318\\_en.pdf](http://ec.europa.eu/eip/smartcities/files/faq-h2020v2clean-20140318_en.pdf)

<b>HORIZON 2020 DEDICATED SME INSTRUMENT : H2020-SMEInst-2014-2015</b>	
<b>Topic &amp; Title / EU contribution</b>	<b>Funding Scheme / Deadline</b>
<p>Topic <b>SIE-01-2015</b>: Stimulating the innovation potential of SMEs for a low carbon and efficient energy system</p> <p><b>EU contribution: Phase 1 €50 thousand lump sum; Phase 2 €0.5-2.5 million</b></p>	<p>SME Instrument (70%)</p> <p>Deadline for both Phase 1 and 2: 16 December 2015</p> <p>Intermediate deadlines(s) for both Phase 1 and 2</p> <p>18 March 2015 17 June 2015 17 September 2015</p>
<p>Topic <b>SIE-02-2015</b>: Fast track to Innovation Topic – Pilot</p> <p><b>EU contribution: €3 million grant</b></p>	<p>Fast Track to Innovation (conditions to be confirmed)</p>

To find further energy related topics that may match your interests can be found via:

- a) the Participant Portal topic search function [http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/search/search\\_topics.html](http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/search/search_topics.html)
- b) the Opportunity Finder <http://www.opportunity-finder.com/>

## Funding Schemes – Förderformen

### **RIA- Forschungs- und Innovationsmaßnahmen** (*Research & Innovation Action*)

Verbundprojekte mit mind. 3 Partnern aus 3 EU-Mitgliedsländern oder zum Programm assoziierten Ländern. Ziel der Maßnahmen ist die Entwicklung neuen Wissens, neuer Technologien, Verfahren, Produkte und Dienstleistungen. Sie umfassen Grundlagen- und angewandte Forschung und können in begrenztem Rahmen Pilot- oder Demonstrationsmaßnahmen enthalten. Auch Test und Validierung von Prototypen im Labormaßstab oder simulierten Umfeld sind möglich. / Förderquote = bis zu 100%

### **IA – Innovationsmaßnahmen** (*Innovation Action*)

Verbundprojekte mit mind. 3 Partnern aus 3 EU-Mitgliedsländern oder zum Programm assoziierten Ländern. Ziel der Maßnahmen ist die Erarbeitung von Plänen, Konzepten und Vorkehrungen für neue, verbesserte Produkte, Verfahren oder Dienstleistungen. Sie umfassen z. B. die Erstellung von Prototypen, Tests, Demonstrationen, Pilotprojekte sowie die Produktvalidierung in großem Maßstab und Entwicklung der Marktfähigkeit. Unterteilung in a) Demonstrationsprojekte und b) Marktumsetzungsprojekte. / Förderquote = bis zu 70%

### **SME - „KMU-Instrument“**

Das in drei Phasen gegliederte KMU Instrument (Machbarkeit, Umsetzung, Markteinführung) setzt stark auf hochinnovative, schnell wachsende Unternehmen, die innovative Produkte, Dienstleistungen oder Verfahren in den Markt bringen wollen. In den ersten beiden Phasen gibt es direkte Förderungen (Phase 1–6 Monate, 50T€ Pauschalsumme, Phase 2-70% Förderquote), die Phase 3 erleichtert den Markteintritt, auch mit dem Zugriff auf Risikofinanzierungsinstrumente. Begleitend wird ein Mentoring und Coaching angeboten, um punktuellen Schwächen der Unternehmen gegensteuern zu können. / Veröffentlichung Ausschreibung: Frühjahr 2014

### **CSA - Koordinierungs- und Unterstützungsmaßnahmen** (*Co-ordination and Support Actions*)

Koordinierungs- und Unterstützungsmaßnahmen sind forschungsbegleitende Maßnahmen und dienen zur Vernetzung von Projektpartnern, z. B. mit Hilfe von Konferenzen, Seminaren, Studien, politischen Dialogen oder gemeinsamen Initiativen. Darüber hinaus können sie Maßnahmen zur Normung, Verbreitung, Sensibilisierung und Kommunikation sowie ergänzende Tätigkeiten zur Vernetzung und Koordinierung von Programmen zwischen verschiedenen Ländern umfassen. Im Gegensatz zu den Forschungs- und Innovationsmaßnahmen auch durch Einzelantragsteller durchgeführt werden können. / Förderquote = bis zu 100%

## Ihre Ansprechpartner im Enterprise Europe Network Berlin-Brandenburg

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