

# **Program Horizont 2020**

## **Pracovní program na období 2018 – 2020**

### **- část ENERGY**

Ing. Veronika Korittová, NCP pro energii a EURATOM  
21. 2. 2018

E-mail: [korittova@tc.cz](mailto:korittova@tc.cz)

Tel.: 234 006 115

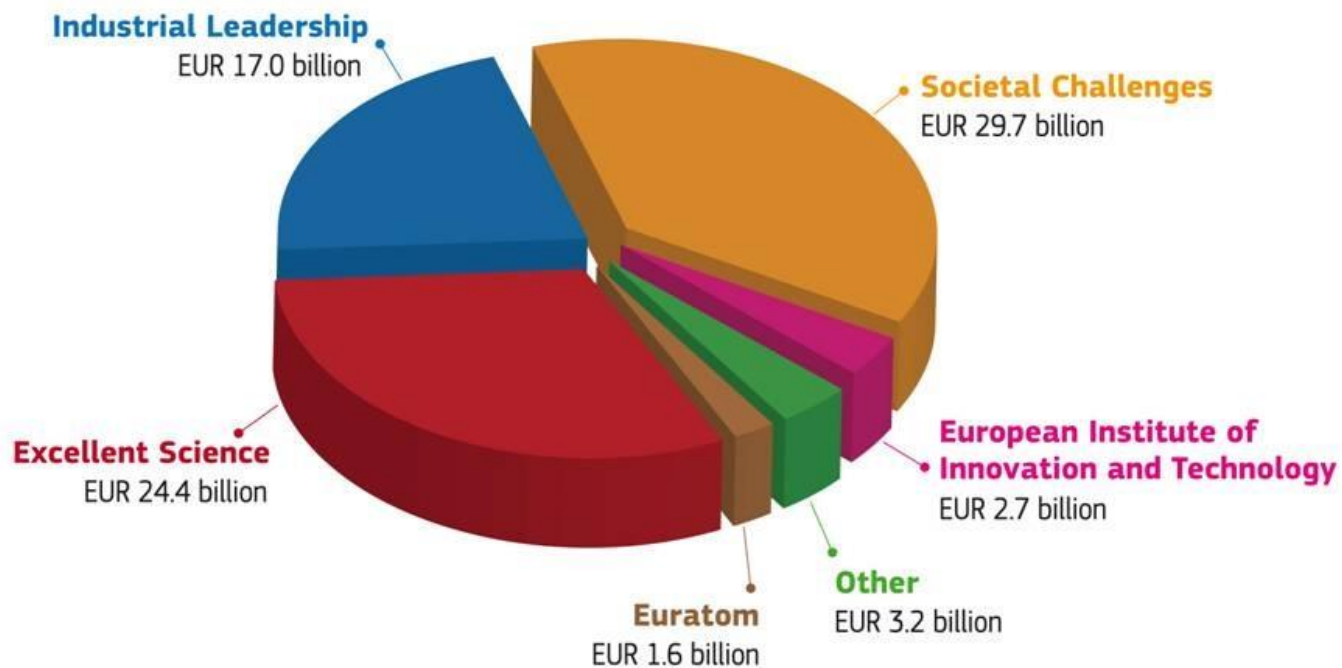
Technologické centrum AV ČR  
Ve Struhách 27  
160 00 Praha 6

[www.tc.cz](http://www.tc.cz)

---

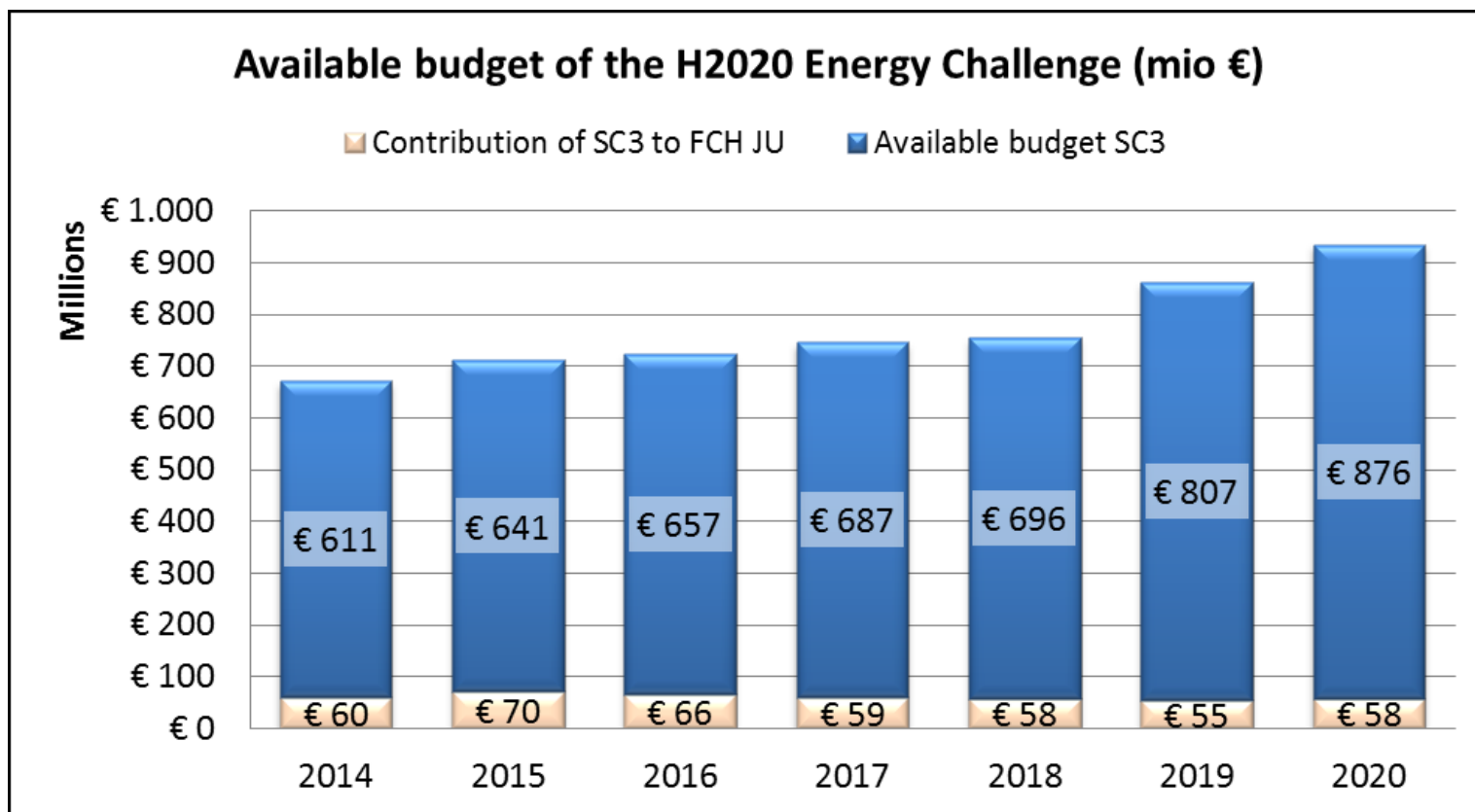
## Horizon 2020 Budget (zdroj - EK)

### HORIZON 2020 BUDGET (EUR 78.6 billion, current prices)



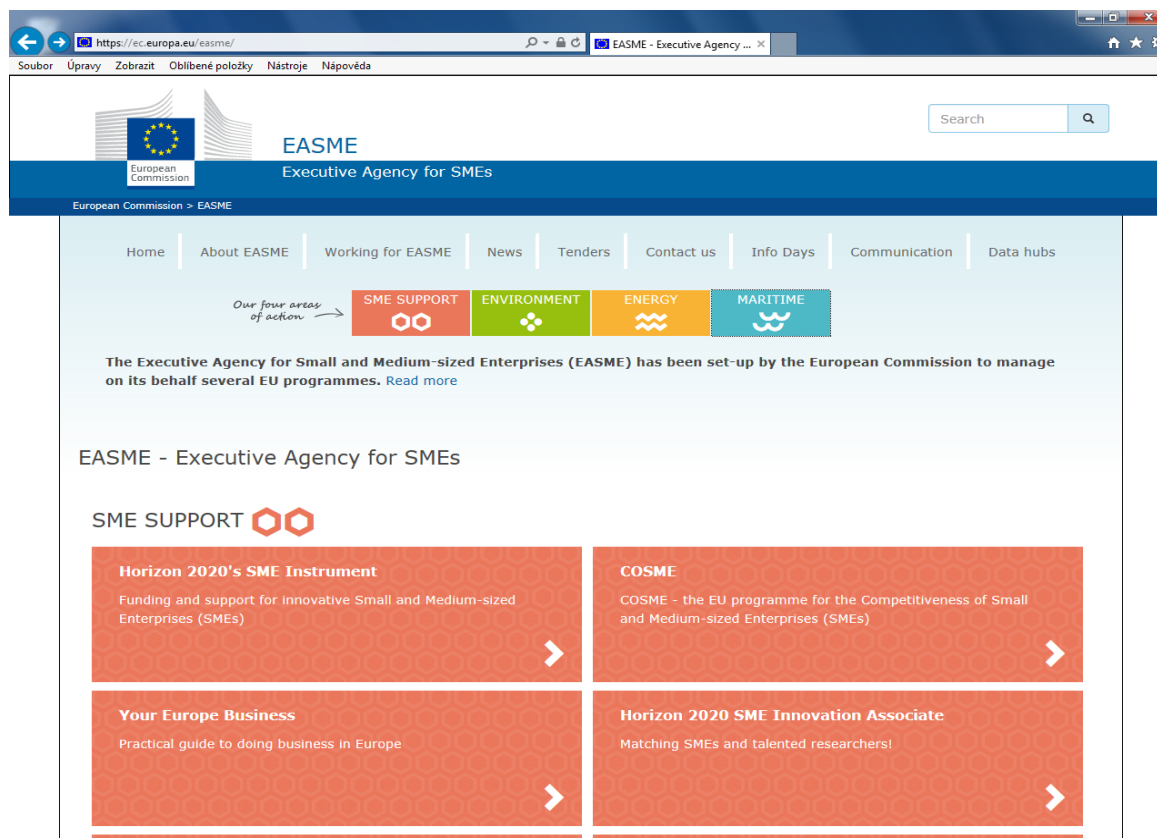
## Rozpočet pro oblast energetiky v H2020

Zdroj: EK



# Agentura EASME

## <https://ec.europa.eu/easme/>



# Agentura INEA

## <https://ec.europa.eu/inea/en/horizon-2020>



The screenshot shows the INEA website for Horizon 2020. The header includes the European Commission logo and the INEA title. A navigation bar lists various sections like HOME, CONNECTING EUROPE FACILITY, HORIZON 2020, TEN-T, MARCO POLO, NEWS & EVENTS, and ABOUT US. The main content area is titled 'Horizon 2020' and 'Funding areas'. It describes the EU's €77 billion research and innovation programme for 2014-2020, focusing on transport and energy. A table outlines the 'Horizon 2020 societal challenges' with four categories: Smart, green and integrated transport; Secure, clean and efficient energy; Cross-cutting activities; and Food security, sustainable agriculture and forestry, marine, maritime and inland water research and the bioeconomy. Each category provides funding details and specific focus areas. On the right, there is a 'Help us improve!' button and a CAPTCHA challenge asking 'What code is in the image?' with the code 'KTZHh' visible.

**Horizon 2020**

**Funding areas**

INEA is running parts of Horizon 2020, the EU's €77 billion research and innovation programme for 2014-2020, in the areas of transport and energy.

The Agency is managing the funding and following up the research & innovation projects under the following Horizon 2020 societal challenges:

Horizon 2020 societal challenges	
<b>Smart, green and integrated transport</b> €2.9 billion in 2014-2020, of which €722.5 million in 2016-2017 : <ul style="list-style-type: none"> <li>• Mobility for Growth</li> <li>• Green Vehicles</li> <li>• Automated Road Transport</li> </ul>	<b>Secure, clean and efficient energy</b> €3.8 billion in 2014-2020, of which €664.38 million in 2016-2017: <ul style="list-style-type: none"> <li>• Competitive Low-Carbon Energy</li> </ul>
<b>Cross-cutting activities</b> Cross-cutting activities <ul style="list-style-type: none"> <li>• Smart Cities &amp; Communities (€131.5 million in 2016-2017 from <i>Secure, clean and efficient energy</i> budget)</li> </ul>	<b>Food security, sustainable agriculture and forestry, marine, maritime and inland water research and the bioeconomy</b> <ul style="list-style-type: none"> <li>• Blue Growth (€17 million in 2016-2017 from <i>Smart, green and integrated transport</i> and <i>Secure, clean and efficient energy</i> budget)</li> </ul>


**Funding opportunities**

There are no calls for funding open at the moment.

# Participant Portal

<http://ec.europa.eu/research/participants/portal/desktop/en/home.html>

(A-Z) Sitemap About this site Contact Legal Notice english ▼



## RESEARCH & INNOVATION

### Participant Portal

European Commission > Research & Innovation > Participant Portal > Home

HOME FUNDING OPPORTUNITIES HOW TO PARTICIPATE EXPERTS SUPPORT ▼ LOGIN REGISTER

### Horizon 2020 Funding

Starting from 1/1/2014

On this site you can find and secure **funding** for research & innovation projects under the following EU programmes:


- **2014-2020** Horizon 2020 - research and innovation framework programme
- **2007-2013** 7th research framework programme (FP7) and Competitiveness & Innovation Programme (CIP)

#### Non-registered users


- search for funding
- read the funding guide & download the legal documents
- check if an organisation is already registered
- contact our support services or check our FAQs

#### Registered users


- submit your proposal
- sign the grant
- manage your project throughout its lifecycle




WHAT'S NEW?




FUNDING OPPORTUNITIES




HOW TO PARTICIPATE



WORK AS AN EXPERT



MY PERSONAL AREA



INFORMATION AND SUPPORT

# Work Programmes – Participant Portal

[http://ec.europa.eu/research/participants/portal/desktop/en/funding/reference\\_docs.html#h2020-work-programmes](http://ec.europa.eu/research/participants/portal/desktop/en/funding/reference_docs.html#h2020-work-programmes)



europa.eu/research/participants/portal/desktop/en/funding... Reference Documents - Res... X

razit Oblíbené položky Nástroje Návod

(A-Z) Sitemap About this site Contact Legal Notice Search English

RESEARCH & INNOVATION  
Participant Portal

European Commission > Research & Innovation > Participant Portal > Reference Documents

HOME FUNDING OPPORTUNITIES HOW TO PARTICIPATE PROJECTS & RESULTS EXPERTS SUPPORT LOGIN REGISTER

Reference Documents

Beneficiary Register  
Partner Search  
Financial Viability Self-Check  
SME Participation

Reference Documents

This page includes all the H2020 & FP7 reference documents starting with legal documents and the Commission work programmes for research and innovation up to model grant agreements and guides for specific actions and horizontal issues. The documents are grouped by categories. It also includes reference documents of other EU programmes, as 3rd Health, Consumer, COSME and Research Fund for Coal and Steel programmes. To access a document:

- Click on a folder
- Click on ARROW to have more information about the document and its available translations

You can search a specific H2020 or FP7 document on the [Europa Search](#) service.

H2020 Other EU programmes FP7

All contents of the H2020 Grants Manual folder below are being transferred to the **ONLINE MANUAL**

- Legislation
  - Framework programmes (EC-Euratom)
  - Rules for participation
  - Specific programme
  - European institute of Innovation and Technology (EIT)
- Work Programmes
  - 2014-15
  - 2016-17
  - 2018-20
- Grant agreements, contracts and rules of contest
  - Model grant agreements
  - Model rules of contest of prizes
  - Model experts contracts
- Guidance
  - Section on beneficiary registration, validation and financial viability check
  - Section on proposal submission and evaluation

## Pracovní program 2018 – 2020

### část ENERGY

- **Úvod** – politický kontext programu; odkazy na související dokumenty; cíle v oblasti energetiky
  - **Výzva** – popis jednotlivých témat (topics):
    - Specific Challenge – řešený problém
    - Scope – rozsah (oblast vymezená pro řešení problému)
    - Expected Impact – čeho je třeba dosáhnout
    - Type of Action – typ projektu (RIA, IA, CSA atd. – má dopad na financování projektu)
  - **Podmínky výzvy** – otevření výzvy, uzávěrky, finance pro jednotlivá témata; doplňující podmínky
  - **Transformace energetického sektoru prostřednictvím digitalizace** – témata pod ICT a Security
  - OTHER ACTIONS – např. tendry
  - Témata pro rok 2020 – orientační přehled
-



## Pracovní program 2018 -2020

### Zajištěná, čistá a účinná energie

#### **Struktura pracovního programu – část ENERGY:**

- Energetická účinnost: EE 1 - EE 17
- Vedoucí postavení v obnovitelných zdrojích energie: RES 1 – RES 28
- Chytrá a čistá energie pro spotřebitele: EC 1 – EC 3
- Chytrý energetický systém zaměřený na spotřebitele: ES 1 – ES 8
- Chytrá města a komunity: SCC 1
- Dosažení téměř nulových emisí z elektráren na fosilní zdroje a z průmyslu s intenzivními emisemi CO<sub>2</sub>: NZE 1 – NZE 6
- Společné akce: JA 1 – JA 5
- Průřezová témata: CC 1 – CC 6

První uzávěrky již proběhly (31. 1. 2018, 13. 2. 2018 ....)

## Energetická účinnost: LCE-SC3-EE (1)

Oblast	Typ akce	Uzávěrka	TRL	Dopor. přísp. EK/projekt
<b><u>Zlepšování energetické účinnosti a intelligence budov</u></b>				
EE 1 – Decarbonising of the EU building stock: innovative approaches and affordable solutions changing the market for building renovations <b>(EeB)</b>	<b>IA</b>	<b><u>4/9/2018;</u></b> <u>3/9/2019;</u> 2020	To 8-9	3 – 4 mil. €
EE 2 – Integrated home renovation services	<b>CSA</b>	<b><u>4/9/2018;</u></b> <u>3/9/2019</u>		0,5 – 1,5 mil. €
EE 3 – Stimulating demand for sustainable energy skills in the construction sector	<b>CSA</b>	<u>3/9/2019;</u> 2020		0,5 – 1 mil. €
EE 4 - Upgrading smartness of existing buildings through innovations for legacy equipment <b>(EeB)</b>	<b>IA</b>	<u>3/9/2019;</u> 2020	6 - 8	3 – 4 mil. €
EE 5 - Next-generation of Energy Performance Assessment and Certification <b>(EeB)</b>	<b>CSA</b> (2018) <b>IA</b> (2019)	<b><u>4/9/2018;</u></b> <u>3/9/2019;</u> 2020		1 – 2 mil. €; 2 – 2,5 mil. €
<b><u>Energeticky účinný průmysl a služby</u></b>				
EE 6 – Business case for industrial waste heat/cold recovery <b>(SPIRE)</b>	<b>IA</b> (2018) <b>CSA</b> 2019)	<b><u>4/9/2018;</u></b> <u>3/9/2019;</u> 2020	4 - 8	3 – 4 mil. €

## Energetická účinnost: LCE-SC3-EE (2)

Oblast	Typ akce	Uzávěrka	TRL	Dopor. přísp. EK/projekt
EE 7 – Increasing energy efficiency of small data centres		2020		
EE 8 – Capacity building programmes to support implementation of energy audits	CSA	<u>4/9/2018;</u> <u>3/9/2019</u>		1 – 2 mil. €
<b><u>Energetická účinnost jako investice</u></b>				
EE 9 – Innovative financing for energy efficiency investments	CSA	<u>4/9/2018;</u> <u>3/9/2019</u>		1 – 1,5 mil. €
EE 10 – Mainstreaming energy efficiency finance	CSA	<u>4/9/2018;</u> <u>3/9/2019;</u> 2020		3 – 4 mil. €
EE 11 – Aggregation – Project Development Assistance	CSA	<u>4/9/2018;</u> <u>3/9/2019;</u> 2020		0,5 – 1,5 mil. €
EE 12 – Innovation procurement for energy efficiency		2020		
<b><u>Energetická účinnost jako zdroj energie</u></b>				
EE 13 – Enabling next-generation of smart energy services valorising energy efficiency and flexibility at demand-side as energy resource	CSA (2018) IA (2019)	<u>4/9/2018;</u> <u>3/9/2019;</u> 2020		1 – 2 mil. €; 3 – 4 mil. €

## Energetická účinnost: LCE-SC3-EE (3)

Oblast	Typ akce	Uzávěrka	TRL	Dopor. přísp. EK/projekt
EE 14 – Socio-economic research conceptualising and modelling energy efficiency and energy demand (SSH)	RIA	<u>4/9/2018;</u> <u>3/9/2019;</u> 2020		1 – 1,5 mil. €; 1 – 2 mil. €
<b><u>Podpora inovacím vycházejících z politik</u></b>				
EE 15 – New energy label driving and boosting innovation in products energy efficiency	CSA	<u>4/9/2018</u>		1 – 1,5 mil. €
EE 16 - Supporting public authorities to implement the Energy Union	CSA	<u>4/9/2018;</u> <u>3/9/2019;</u> 2020		1 – 1,5 mil. €
EE 17 - European City facility - European Cities as key innovation hubs to unlock finance for energy efficiency	CSA	<u>5/2/2019</u>		10 mil. €

## Vedoucí postavení v obnovitelných zdrojích energie

- Strategie **Energy Union** – cíl dosáhnout celosvětového vedoucího postavení v obnovitelných zdrojích energie
- Sdělení **Accelerating Clean Energy Innovation**
- Balíček **Clean Energy for all Europeans**
- Přepřpracování **Renewable Energy Directive**
- European Open Science Cloud
- 4 oblasti zaměření: průlomové technologie;  
řešení na úrovni spotřebitele;  
řešení na úrovni energetického systému;  
obnovitelná paliva pro dopravu.

## Vedoucí postavení v obnovitelných zdrojích energie: LCE-SC3-RES (1)

Oblast	Typ akce	Uzávěrka	TRL	Doporučený příspěvek EK na projekt
<b><u>Budoucí řešení pro obnovitelné zdroje energie</u></b>				
RES 1 – Developing the next generation of renewable energy technologies	RIA; two stage	<b>16/10/2018</b> +25/4/2019; 2020	3-4	2 – 5 mil. €
<b>RES 2 – Disruptive innovation in clean energy technologies</b>	RIA	<b>19/4/2018</b>	from 3 to 5	2 – 3 mil. €
RES 3 – International Cooperation with USA on alternative renewable fuels for energy and transport		2020		
<b><u>Řešení obnovitelných zdrojů pro implementaci na úrovni spotřebitele</u></b>				
RES 4 – Renewable energy system integrated at the building scale - <b>EeB</b>	RIA; two stage	31/1/2018+ 23/8/2018	3-4 to 4-5	2 – 5 mil. €
RES 5 – Increased performance of technologies for local heating and cooling solutions - <b>EeB</b>	IA	13/2/2018	5-6 to 6-7	3 – 10 mil. €
RES 6 – Demonstrate significant cost reduction for building integrated PV (BIPV) solutions	IA	13/2/2018	5-6 to 6-7	6 – 10 mil. €

## Vedoucí postavení v obnovitelných zdrojích energie: LCE-SC3-RES (2)

Oblast	Typ akce	Uzávěrka	TRL	Doporučený příspěvek EK na projekt
RES 7 – Solar Energy in Industrial Processes - <b>SPIRE</b>	<b>RIA</b>	<u>27/8/2019</u>	To 4-5	3 – 5 mil. €
RES 8 – Combining Renewable Technologies for a Renewable District Heating and/or Cooling System	<b>IA</b>	<b><u>11/12/2018</u></b>	To 6	8 – 15 mil. €
<b><u>Řešení obnovitelných zdrojů pro implementaci na úrovni spotřebitele</u></b>				
RES 9 – Next generation of thin-film photovoltaic technologies		2020		
RES 10 – Pre-Commercial Procurement for a 100% Renewable Energy Supply		2020		
<b><u>Řešení obnovitelných zdrojů pro implementaci na úrovni energetického systému</u></b>				
RES 11 - Developing solutions to reduce the cost and increase performance of renewable technologies	<b>RIA; two stage</b>	<b>31/1/2018+ 23/8/2018</b>	3-4 to 4-5	2 – 5 mil. €
RES 12 - Demonstrate highly performant renewable technologies for combined heat and power (CHP) generation and their integration in the EU's energy system	<b>IA</b>	<b>13/2/2018</b>	5 to 7-8	15 – 20 mil. €

## Vedoucí postavení v obnovitelných zdrojích energie: LCE-SC3-RES (3)



Oblast	Typ akce	Uzávěrka	TRL	Doporučený příspěvek EK na projekt
RES 13 – Demonstrate solutions that significantly reduce the cost of renewable power generation	IA	13/2/2018	5-7	15 – 20 mil. €
RES 14 – Optimising manufacturing and system operation	RIA; two stage	16/10/2018 +25/4/2019	3-4 to 4-5	3 – 5 mil. €
RES 15 - Increase the competitiveness of the EU PV manufacturing industry	IA	11/12/2018	5-6 to 6-7	10 – 13 mil. €
<b><u>Umožnit flexibilitu energetického systému</u></b>				
RES 16 – Development of solutions based on renewable sources that provide flexibility to the energy system	RIA	27/8/2019	3-4 to 4-5	3 – 5 mil. €
RES 17 – Demonstration of solutions based on renewable sources that provide flexibility to the energy system	IA	11/12/2018	5 to 7	12 – 15 mil. €
<b><u>Řešení implementace obnovitelných zdrojů energie na úrovni energetického systému</u></b>				
RES 18 - Demonstration of the solutions based on renewable sources that provide flexibility to the energy system		2020		
RES 19 - Demonstration of floating wind farms		2020		16



## Vedoucí postavení v obnovitelných zdrojích energie: LCE-SC3-RES (4)

Oblast	Typ akce	Uzávěrka	TRL	Doporučený příspěvek EK na projekt
RES 20 – Efficient combination of concentrated solar power (CSP) and desalination (with particular focus on the Gulf Cooperation Council (GCC) region)		2020		
<b><u>Obnovitelná paliva pro dopravu</u></b>				
RES 21 – Development of next generation biofuels and alternative renewable fuel technologies for road transport	RIA	13/2/2018	3-4 to 5	3 – 5 mil. €
<b>RES 22 – Demonstration of cost effective advanced biofuel pathways in retrofitted existing industrial installations</b>	IA	<b>5/4/2018</b>	5 to 7	8 – 10 mil. €
<b><u>Navýšení měřítka produkce paliv z obnovitelných zdrojů (upscaling)</u></b>				
RES 23 - Development of next generation biofuel and alternative renewable fuel technologies for aviation and shipping	RIA	<u>27/8/2019</u>	3 to 5	3 – 5 mil. €
RES 24 - Boosting pre-commercial production of advanced aviation biofuels	IA	<b>11/12/2018</b>	5 to 7	15 – 20 mil. €

## Vedoucí postavení v obnovitelných zdrojích energie: LCE-SC3-RES (5)

Oblast	Typ akce	Uzávěrka	TRL	Doporučený příspěvek EK na projekt
<b><u>Diverzifikace výchozí suroviny</u></b>				
RES 25 – International cooperation for Research and Innovation on advanced biofuels and alternative renewable fuels		2020		
RES 26 – Development of next generation biofuel and alternative renewable fuel technologies from CO2 and renewable energy (Power and Energy to Fuels)		2020		
RES 27 - Demonstration of advanced biofuels production from aquatic biomass		2020		
<b><u>Podpora uvádění na trh</u></b>				
RES 28 - Market Uptake support	CSA	13/2/2018; <u>11/12/2019;</u> 2020		1 – 3 mil. €

## Intelligentní a čistá energie pro spotřebitele: LCE-SC3-EC

- Spotřebitelé jako aktivní hráči na trhu s energiemi
- Odstraňování regulace a tržních bariér
- Faktory vedoucí ke změnám ve spotřebitelském chování
- Energetická chudoba a jak jí čelit
- Oblast čisté energie, elektrické sítě a služby

Oblast	Typ akce	Uzávěrka	TRL	Doporučený příspěvek EK na projekt
EC 1 – The role of consumers in changing the market through informed decision and collective actions	CSA	<u>4/9/2018;</u> <u>3/9/2019;</u> 2020		1 – 2 mil. €
EC 2 - Mitigating household energy poverty	CSA	<u>4/9/2018;</u> <u>3/9/2019;</u> 2020		1 – 2 mil. €
EC 3 - Consumer engagement and demand response		2020		

## Inteligentní energetický systém v centru se spotřebitelem: LCE-SC3-ES (1)

Oblast	Typ akce	Uzávěrka	TRL	Dopor. přísp. EK/projekt
<b><u>Trhy s elektřinou a spotřebitelé</u></b>				
ES 1 – Flexibility and retail market options for the distribution grid	IA	<u>5/2/2019;</u>	5-8	6 – 8 mil. €
ES 2 – Solutions for increased regional cross-border cooperation in the transmission grid	IA	<u>5/2/2019</u>	5-8	8 – 10 mil. €
<b>ES 5 – TSO–DSO–Consumer: Large-scale demonstr. of innovative grid services through demand response, storage and small-scale (RES) generation</b>	IA	<b><u>5/4/2018;</u></b> 2020	5-8	13 – 17 mil. €
ES 6 - Research on advanced tools and technological development	RIA	<u>5/2/2019</u>	Ad-hoc indicators	2 – 4 mil. €
<b><u>Dekarbonizace místních energetických systémů</u></b>				
<b>ES 3 – Integrated local energy systems (Energy islands)</b>	IA	<b><u>5/4/2018;</u></b> 2020	5-8	5 – 6 mil. €
<b>ES 4 – Decarbonising energy systems of geographical Islands</b>	IA	<b><u>5/4/2018;</u></b> 2020	5-8	7 – 10 mil. €
ES 8 – European Islands Facility - Unlock financing for energy transitions and supporting islands to develop investment concepts	CSA	<u>5/2/2019</u>		10 mil. €
<b>ES 7 - Pan-European Forum for R&amp;I on Smart Grids, Flexibility and Local Energy Networks</b>	CSA	<b><u>5/4/2018</u></b>		3 – 4 mil. €

## Chytrá města a obce (Smart Cities and Communities): LC-SC3-SCC

Oblast	Typ akce	Uzávěrka	TRL	Dop. příspěvek EK na projekt
<b>SCC 1 – Smart Cities and Communities</b>	<b>IA</b>	<b><u>5/4/2018;</u> <u>5/2/2019;</u> 2020</b>		15 - 20 mil. €
<p>Positive energy blocks/districts            Electromobility            To develop bold city vision for 2050            A work package for cooperation with other selected projects (5 % of the requested EU contribution)            Duration of <b>48 to 60 month</b>            Replicability of solutions</p>				

## Minimalizace CO2 emisí z elektráren na fosilní paliva a z průmyslu s intenzivními emisemi uhlíku: LCE-SC3-NZE

Oblast	Typ akce	Uzávěrka	TRL	Doporučený příspěvek EK na projekt
NZE 1 – Advanced CO2 capture technologies	RIA	<u>6/9/2018</u>	5-7	5 – 10 mil. €
NZE 2 – Conversion of captured CO2	RIA	<u>6/9/2018</u>	3-4 to 5-6	3 – 4 mil. €
NZE 3 – Strategic planning for CCUS development	CSA	<u>6/9/2018</u>		2 – 3 mil. €
NZE 4 - Integrated solutions for flexible operation of fossil fuel power plants through power-to-X-to-power and/or energy storage	IA	<u>27/8/2019</u>	to 6-7	6 – 10 mil. €
NZE 5 - Low carbon industrial production using CCUS	IA	<u>27/8/2019</u>	to 6-7	10 – 12 mil. €
NZE 6 – Geological Storage Pilots		2020		

## Společné akce: LCE-SC3-JA Spolupráce s Afrikou (JA 2 až 5)

Oblast	Typ akce	Uzávěrka	TRL	Doporučený příspěvek EK na projekt
JA 1 – Joint programming actions to foster innovative energy solutions	ERA-NET Cofund	<u>11/9/2018</u>		
JA 2 – Support to the realisation of the Implementation Plans of the SET Plan	CSA	<u>11/9/2018</u>		1 mil. €
JA 3 – European <u>Pre-Commercial Procurement</u> Programme for Wave Energy Research & Development	PCP	<u>27/8/2019</u>		15 – 20 mil. €
★ JA 4 - Support action in preparation of a Joint Programming activity Preparatory phase to JA 5	CSA	31/1/2018		
JA 5 - Joint Programming with EU and African partners for a R&I actions in the area of renewable energy	COFUND (EJP)	<u>27/8/2019</u>		

## Průřezové oblasti: LCE-SC3-CC

Oblast	Typ akce	Uzávěrka	TRL	Doporučený příspěvek EK na projekt
CC 1 – Social Sciences and Humanities ( <b>SSH</b> ) aspects of the Clean-Energy Transition	RIA	<u>6/9/2018;</u> <u>27/8/2019;</u> 2020		1 – 3 mil. €
CC 2 – Modelling in support to the transition to a Low-Carbon Energy System in Europe	RIA	<u>6/9/2018</u>		4 - 5 mil. €
CC 3 – Support for the opening of low-carbon energy research databases in Europe	CSA	<u>27/8/2019</u>		0,5 – 1 mil. €
<b>CC 4 - Support to sectorial fora</b>	CSA	<u>19/4/2018</u>		up to 1 mil. €
CC 5 - Research, innovation and educational capacities for energy transition	CSA	<u>6/9/2018</u>		2 - 4 mil. €
CC 6 - Transition in coal intensive regions	CSA	<u>6/9/2018</u>		1 – 2 mil. €



# Specializovaný nástroj Partner Search ENERGY + EURATOM

<http://www.partnersearch.c-energy2020.eu/>

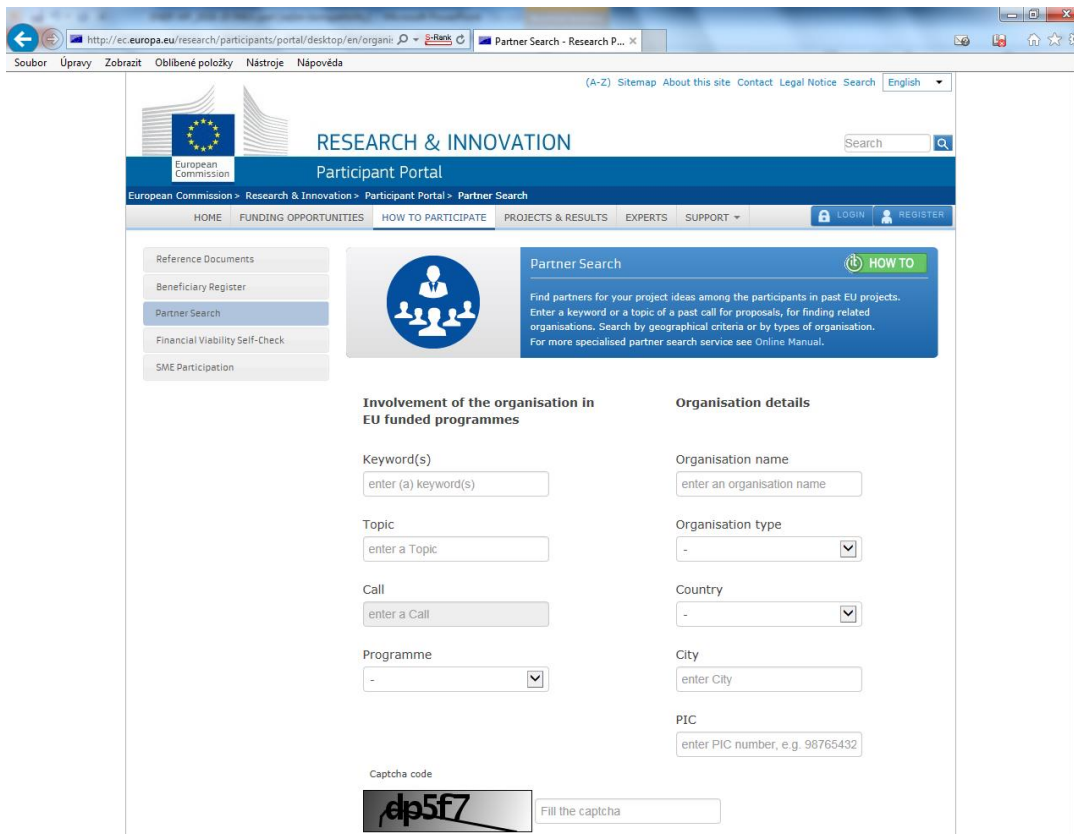


The screenshot shows the homepage of the C-Energy2020 Partner Search tool. The header features the C-Energy2020 logo and navigation links: HOME, ABOUT, GET NEWSLETTER, INTRANET, and CONTACTS. A yellow banner contains seven icons representing different functions: Find your NCP, EU funding, Partner Search, EU networks, News & EU Policy, Calendar, and Media. Below the banner, the 'partner search' section is highlighted. On the left, there is a 'Login' section with fields for Username (E-Mail address) and Password, and a 'LOGIN' button. Below the login section are links for 'Registration', 'Password lost?', and 'Navigation'. The 'Navigation' section includes links for 'Partner Search Home', 'Search for Partner Entries', and 'Search for Partner Profiles'. The main content area on the right is titled 'HORIZON 2020 - WORK PROGRAMMES - Part 10. Secure, clean and efficient energy & Euratom' and 'Dedicated Partner Search tool'. It contains a paragraph about the tool's purpose, a link to download the H2020 Energy 2016-2017 workprogramme (1.67MB Pdf document), and a link to download the Euratom 2016-2017 workprogramme (1MB Pdf document). Below this is a section titled 'Entry options.' with a paragraph about the web-service and a bullet point for 'Partner Offer'.

- Hledání partnerů pro projekty
- Je třeba validace od NCP

# Partner search na Účastnickém portálu

[http://ec.europa.eu/research/participants/portal/desktop/en/organisations/partner\\_search.html](http://ec.europa.eu/research/participants/portal/desktop/en/organisations/partner_search.html)



The screenshot shows the 'Partner Search' page of the European Commission Research & Innovation Participant Portal. The page is in English and features a search bar at the top. The main content area is divided into two columns: 'Involvement of the organisation in EU funded programmes' and 'Organisation details'. The left column contains a sidebar with links to 'Reference Documents', 'Beneficiary Register', 'Partner Search' (selected), 'Financial Viability Self-Check', and 'SME Participation'. The 'Involvement of the organisation in EU funded programmes' section includes input fields for 'Keyword(s)', 'Topic', 'Call', and 'Programme'. The 'Organisation details' section includes input fields for 'Organisation name', 'Organisation type', 'Country', 'City', and 'PIC'. A 'Captcha code' section is at the bottom, showing a captcha image and a text input field.

RESEARCH & INNOVATION  
Participant Portal

European Commission > Research & Innovation > Participant Portal > Partner Search

HOME FUNDING OPPORTUNITIES HOW TO PARTICIPATE PROJECTS & RESULTS EXPERTS SUPPORT LOGIN REGISTER

Reference Documents  
Beneficiary Register  
Partner Search  
Financial Viability Self-Check  
SME Participation

**Partner Search** [HOW TO](#)

Find partners for your project ideas among the participants in past EU projects. Enter a keyword or a topic of a past call for proposals, for finding related organisations. Search by geographical criteria or by types of organisation. For more specialised partner search service see Online Manual.

**Involvement of the organisation in EU funded programmes**

Keyword(s)  
enter (a) keyword(s)

Topic  
enter a Topic

Call  
enter a Call

Programme  
-

**Organisation details**

Organisation name  
enter an organisation name

Organisation type  
-

Country  
-

City  
enter City

PIC  
enter PIC number, e.g. 98765432

Captcha code  
dp5f7 Fill the captcha

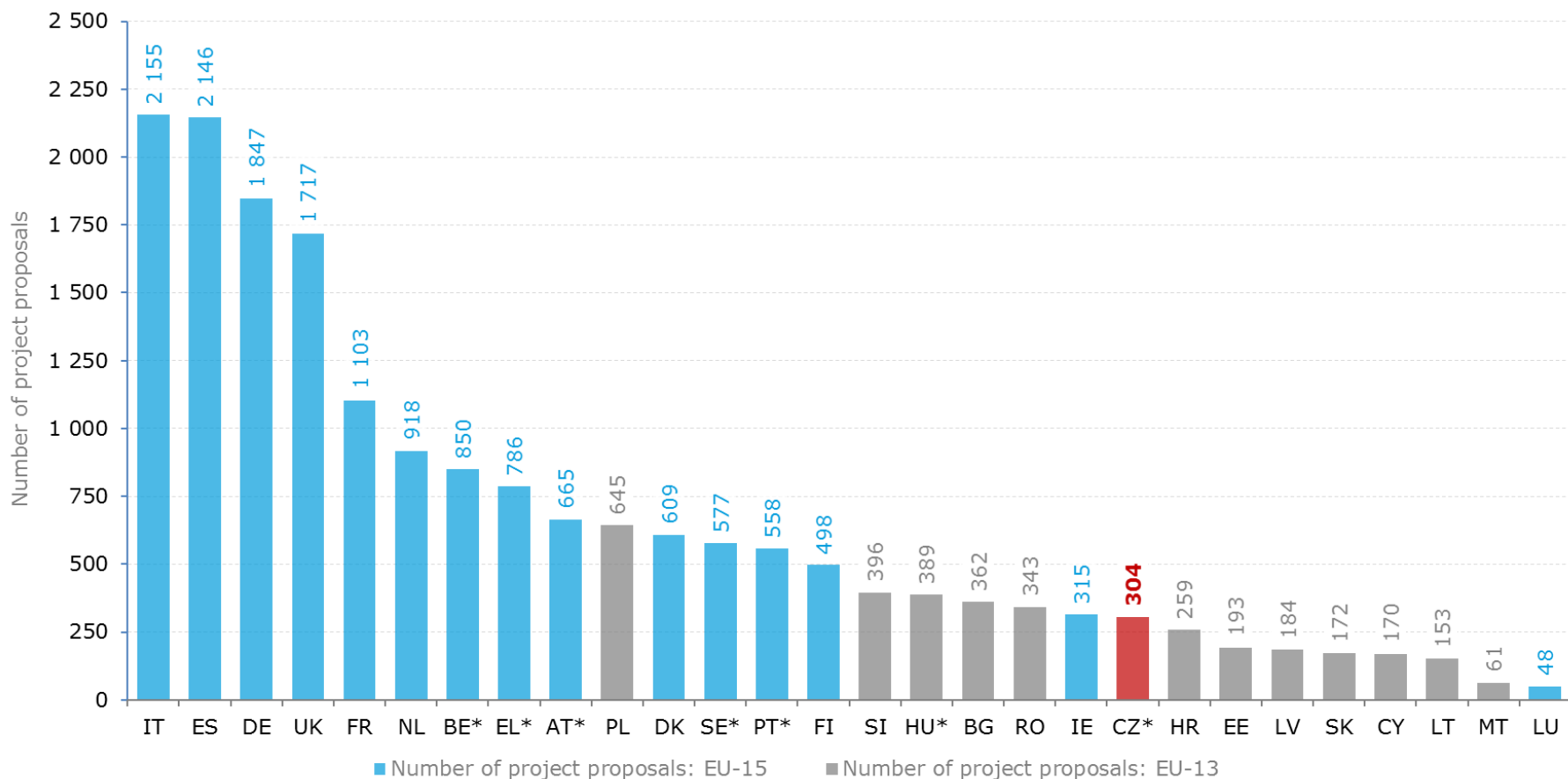
# TOP Institutions (Beneficiaries) in ENERGY - (Institutions with at least 15 successful projects included only) – Dan Frank, TC AV ČR

## Institutions

## Country Sector Projects

FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	DE	REC	53
FUNDACION TECNALIA RESEARCH & INNOVATION	ES	REC	31
Teknologian tutkimuskeskus VTT Oy	FI	REC	28
COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES	FR	REC	27
DANMARKS TEKNISKE UNIVERSITET	DK	HES	24
CENTRE FOR RENEWABLE ENERGY SOURCES AND SAVING FONDATION	EL	REC	22
AALBORG UNIVERSITET	DK	HES	22
AGENZIA NAZIONALE PER LE NUOVE TECNOLOGIE, L'ENERGIA E LO SVILUPPO ECONOMICO SOSTENIBILE	IT	REC	21
POLITECNICO DI MILANO	IT	HES	20
OSTERREICHISCHE ENERGIEAGENTUR AUSTRIAN ENERGY AGENCY	AT	OTH	18
VLAAMSE INSTELLING VOOR TECHNOLOGISCH ONDERZOEK N.V.	BE	REC	17
STICHTING ENERGIEONDERZOEK CENTRUM NEDERLAND	NL	REC	17
KARLSRUHER INSTITUT FUER TECHNOLOGIE	DE	HES	16
ETHNIKO KENTRO EREVNAS KAI TECHNOLOGIKIS ANAPTYXIS	EL	REC	16
NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK TNO	NL	REC	15
IMPERIAL COLLEGE OF SCIENCE TECHNOLOGY AND MEDICINE	UK	HES	15
CONSIGLIO NAZIONALE DELLE RICERCHE	IT	REC	15

# Activity in the "ENERGY - Evaluated Project Proposals: EU-28 countries (zdroj: D. Frank, TC AV ČR, stav k 1. 11. 2017)



Number of evaluated project proposals in EU-28 countries. The grey columns represent EU-13 countries, blue columns EU-15. The Czech Republic is marked in red. \* Population comparable countries with the Czech Republic

# Czech participation in H2020 (Beneficiaries)

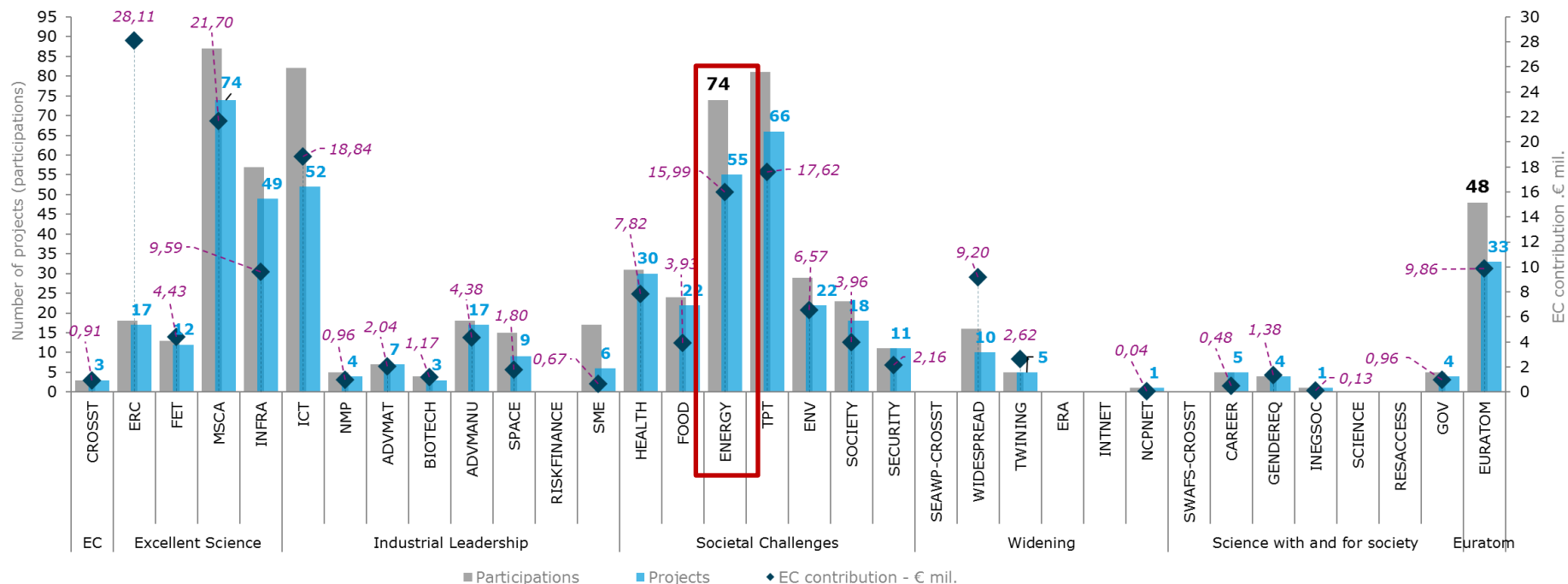
(zdroj: D. Frank, TC AV ČR, stav k 1. 11. 2017)

CZ in ENERGY:

EC contribution – **15,99 € mil.** (2 252 € mil. all)

Projects: **55** (820 all)

Participations: **74** (5 419 all)



## Czech Institutions ENERGY – CZ

### Participations in funded projects

(zdroj: D. Frank, TC AV ČR, stav k 1. 11. 2017)

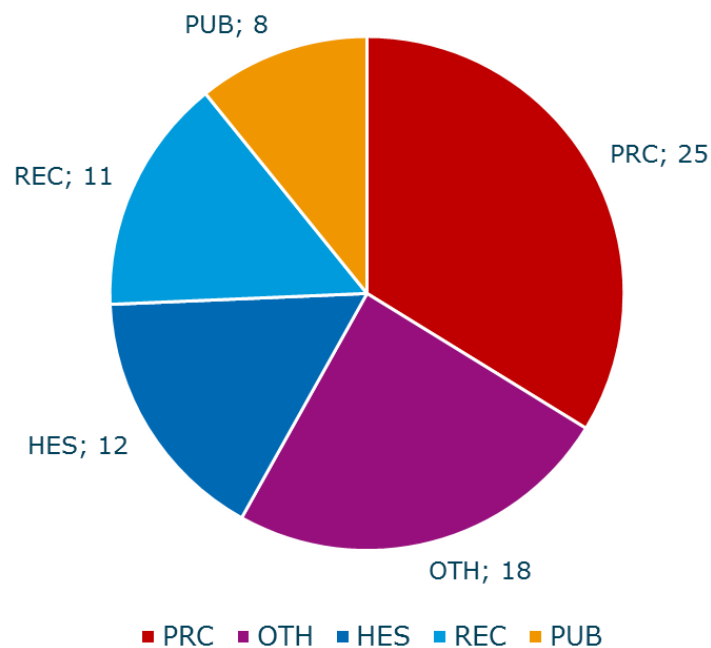
#### BENEFICIARY - ENERGY

Institutions	Sector	CSA	RIA	IA	JTI-FCH2-RIA	SME-1	SME-2	Total
SEVEn, The Energy Efficiency Center, z.ú.	OTH	10						10
České vysoké učení technické v Praze	HES	2	2	1				5
Enviros, s.r.o.	PRC	4						4
AMIRES s.r.o.	PRC		3					3
Město Litoměřice	PUB	2		1				3
Ministerstvo průmyslu a obchodu ČR	PUB	3						3
COMTES FHT, a.s.	REC		2					2
Česká geologická služba	REC		2					2
Honeywell, s.r.o.	PRC		1	1				2
Škoda Power	PRC		2					2
VŠCHT v Praze	HES		1		1			2
Západočeská univerzita v Plzni	HES		2					2
<i>Others (34 institutions)</i>		9	12	9	2	1	1	34
<b>TOTAL</b>		<b>30</b>	<b>27</b>	<b>12</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>74</b>

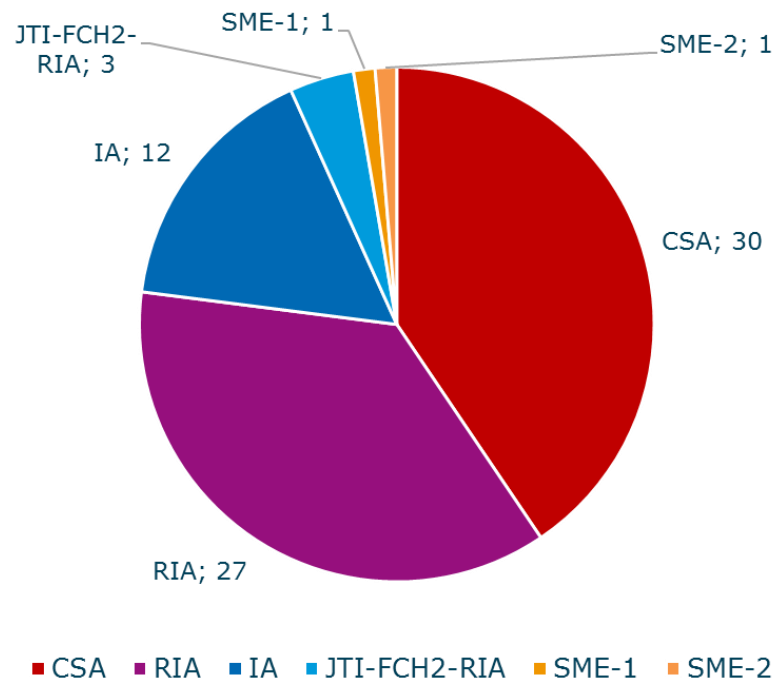
# Czech Participation – Sectors; Action Types

(zdroj: D. Frank, TC AV ČR, stav k 1. 11. 2017)

**CZ: Participations in projects by sectors (only Beneficiaries included)**



**CZ: Participations in action types (only Beneficiaries included)**



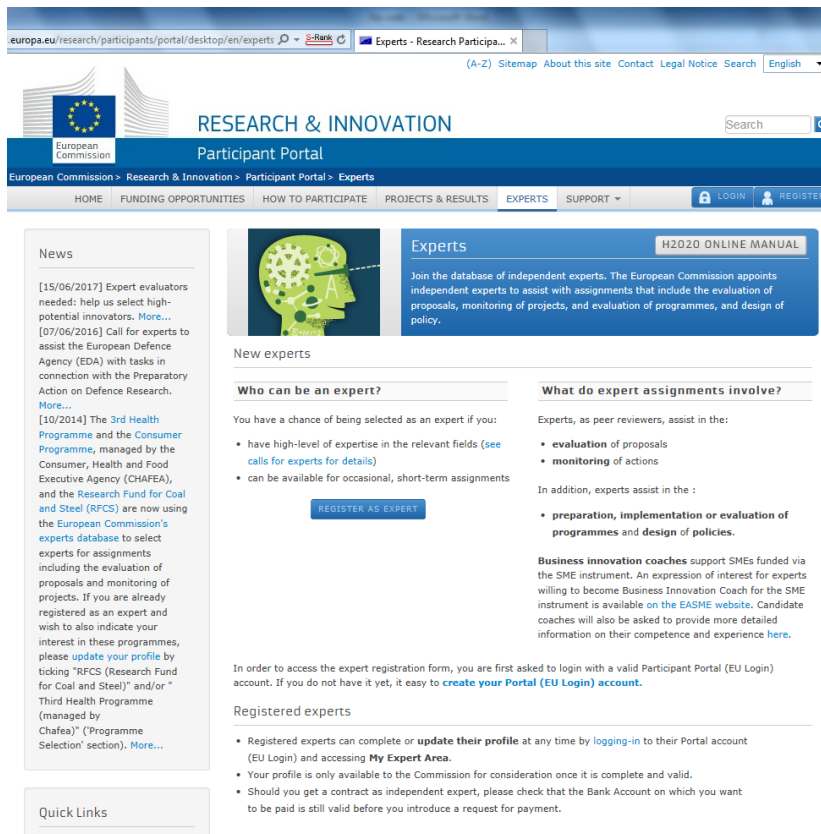
## Účast subjektů z ČR v H2020/ENERGY k 19. 2. 2018

- Jeden projekt s koordinátorem z ČR – projekt **FLEXTURBINE** – koordinátor DOOSAN SKODA POWER SRO, celkem 22 účastníků v projektu, z toho další tři z ČR (Západočeská univerzita v Plzni; ČVUT v Praze; COMTES FHT AS)
  - Zapojení subjektů z ČR do **57 projektů**
  - V projektech H2020/ENERGY **76 účastí** z ČR
-



# Účastnický portál - Hodnotitelé projektů

## <http://ec.europa.eu/research/participants/portal/desktop/en/experts/index.html>



The screenshot shows the 'Experts' section of the European Commission's Research & Innovation Participant Portal. The page is in English and features a navigation bar with links to Home, Funding Opportunities, How to Participate, Projects & Results, Experts, and Support. A search bar is also present.

**News**

- [15/06/2017] Expert evaluators needed: help us select high-potential innovators. [More...](#)
- [07/06/2016] Call for experts to assist the European Defence Agency (EDA) with tasks in connection with the Preparatory Action on Defence Research. [More...](#)
- [10/2014] The 3rd Health Programme and the Consumer Programme, managed by the Consumer, Health and Food Executive Agency (CHAFEA), and the Research Fund for Coal and Steel (RFCS) are now using the European Commission's experts database to select experts for assignments including the evaluation of proposals and monitoring of projects. If you are already registered as an expert and wish to also indicate your interest in these programmes, please [update your profile](#) by ticking "RFCS (Research Fund for Coal and Steel)" and/or "Third Health Programme (managed by Chafea)" ('Programme Selection' section). [More...](#)

**Quick Links**

**Experts** [H2020 ONLINE MANUAL](#)

Join the database of independent experts. The European Commission appoints independent experts to assist with assignments that include the evaluation of proposals, monitoring of projects, and evaluation of programmes, and design of policy.

**New experts**

**Who can be an expert?**

You have a chance of being selected as an expert if you:

- have high-level of expertise in the relevant fields ([see calls for experts for details](#))
- can be available for occasional, short-term assignments

[REGISTER AS EXPERT](#)

**What do expert assignments involve?**

Experts, as peer reviewers, assist in the:

- **evaluation** of proposals
- **monitoring** of actions

In addition, experts assist in the :

- **preparation, implementation or evaluation of programmes and design of policies.**

**Business innovation coaches** support SMEs funded via the SME instrument. An expression of interest for experts willing to become Business Innovation Coach for the SME instrument is available on the [EASME website](#). Candidate coaches will also be asked to provide more detailed information on their competence and experience [here](#).

In order to access the expert registration form, you are first asked to login with a valid Participant Portal (EU Login) account. If you do not have it yet, it easy to [create your Portal \(EU Login\) account](#).

**Registered experts**

- Registered experts can complete or **update their profile** at any time by [logging-in](#) to their Portal account (EU Login) and accessing **My Expert Area**.
- Your profile is only available to the Commission for consideration once it is complete and valid.
- Should you get a contract as independent expert, please check that the Bank Account on which you want to be paid is still valid before you introduce a request for payment.

# Web TC k H2020 – [www.h2020.cz](http://www.h2020.cz)

## Možnost odběru novinek – po zaregistrování



[HORIZONT 2020](#) » Publikace

## ■ Seznam publikací

### Časopis Echo - informace o evropském výzkumu, vývoji a inovacích

Časopis ECHO je periodikum, které vydává TC AV ČR a které přináší informace o evropském výzkumu a možnostech evropské výzkumné spolupráce, zejména v rámci rámcových...



### Pravidla financování projektů H2020

Brožura z edice Vademecum H2020 se zabývá obecně aplikovatelnými finančními pravidly v základních typech projektů H2020 (ve výzkumných a inovačních akcích...



### HORIZONT 2020 - stručně o programu

Brožura HORIZONT 2020 - stručně o programu se kromě základní struktury programu H2020 věnuje i jeho obecným rysům, finančním pravidlům či otevřenému přístupu...

## Zdroje informací

- **CORDIS:** <http://cordis.europa.eu/>
- **TC:** <http://www.tc.cz/>  
<http://www.h2020.cz/>
- **CZELO:** [www.czelo.cz](http://www.czelo.cz)
- **Participant Portal:**  
<http://ec.europa.eu/research/participants/portal/desktop/en/home.html>
- **H2020:**  
<http://ec.europa.eu/programmes/horizon2020/>
- **Výzkum v EU:**  
[ec.europa.eu/research](http://ec.europa.eu/research)

**Děkuji Vám za pozornost.**