



## **Horizon 2020 - Work Programme 2018-2020**

**Climate action, environment, resource efficiency and raw materials**

### **Topics for international cooperation**

The work programme (WP) for years 2018 - 2020 will focus on moving to a greener, more resource efficient and climate resilient economy in sync with the natural environment, demonstrating a strong commitment to supporting the UN's Sustainable Development Goals (SDGs) and targets of the COP21 Paris Agreement (PA).

One of the measures Commission is implementing to tackle overall and thematic specific issues in this WP is focused on the reinforcement of international cooperation across both calls and topics with a strong international dimension, especially to ensure the follow-up and implementation of the COP21 PA.

The topics with the special emphasis on the international cooperation are highlighted in the table below. For details please consult WP.

### **Helpful links**

[Guidance note - Funding of applicants from non-EU countries & international organisations Co-fund mechanism/-agreements BRIC+M](#) (→ Please click on the country – not on „S&T agreement“)

### **Online sources of information**

European commission Participant Portal  
<https://ec.europa.eu/research/participants/portal/desktop/en/home.html>

National Contact Points for Climate Action, Raw Materials, Environment & Resource Efficiency  
<http://www.ncps-care.eu/>

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**Call - Building a low-carbon, climate resilient future: climate action in support of the Paris Agreement**

**H2020-LC-CLA-2018-2019-2020**

The COP21 Paris Agreement (PA) marked the beginning of a new era in the fight against climate change. Actions in this call aim to produce solutions for the achievement of the PA's mitigation and adaptation goals.

<b><i>Calls</i></b>	<b><i>International Cooperation</i></b>	<b><i>Type of Action</i></b>	<b><i>Deadlines</i></b>
<b>LC-CLA-01-2018:</b> Supporting the development of climate policies to deliver on the Paris Agreement, through Integrated Assessment Models (IAMs)	International cooperation is encouraged with major emitters and with <b>less developed countries</b> requiring support for the design and implementation of current and future NDCs.	<b>RIA</b>	<b>27.02.2018 (1)</b> <b>04.09.2018 (2)</b>
<b>LC-CLA-02-2019:</b> Negative emissions and land-use based mitigation assessment	International cooperation is encouraged	<b>RIA</b>	<b>19.02.2019 (1)</b> <b>04.09.2019 (2)</b>
<b>LC-CLA-05-2019:</b> Human dynamics of climate change <b>a)</b> Climate services for <b>Africa</b> <b>b)</b> Climate and human migration	International cooperation is encouraged. Proposals addressing sub-topic a) shall include at least three participants from <u>at least two different African countries</u> .	<b>RIA</b>	<b>19.02.2019 (1)</b> <b>04.09.2019 (2)</b>
<b>LC-CLA-06-2019:</b> Inter-relationships between climate change, biodiversity and ecosystem services	International cooperation is encouraged, in particular with <b>CELAC</b> countries.	<b>RIA</b>	<b>19.02.2019 (1)</b> <b>04.09.2019 (2)</b>
<b>LC-CLA-07-2019:</b> The changing cryosphere: uncertainties, risks and opportunities	International cooperation is encouraged, in particular with countries –beyond the EU Member States and countries associated to Horizon 2020 – that took part in the first Arctic Science Ministerial of 28 September 2016 (i.e. the <b>United States of America, Canada, the People's Republic of China, Japan, the Russian Federation, South Korea, New Zealand, India, Singapore, and Greenland</b> ; see <a href="https://www.arctic.gov/publications/other/supporting_arctic_science.html">https://www.arctic.gov/publications/other/supporting_arctic_science.html</a> ). In addition to the minimum number of participants set out in the General Annexes, proposals shall include <u>at least two participants</u> from <b>third countries</b> .	<b>RIA</b> <b>CSA</b>	<b>RIA</b> <b>19.02.2019 (1)</b> <b>04.09.2019 (2)</b> <b>CSA</b> <b>04.09.2019</b>
<b>LC-CLA-08-2018:</b> Addressing knowledge gaps in climate science, in support of IPCC reports	International cooperation is encouraged.	<b>RIA</b>	<b>27.02.2018 (1)</b> <b>04.09.2018 (2)</b>

<b>Call “Greening the economy in line with the SDGs” H2020-SC5-2018-2019-2020</b>			
<p>This call focuses on moving to a greener, more resource efficient and climate-resilient economy in sync with the natural environment, demonstrating a strong commitment to supporting the UN's Sustainable Development Goals (SDGs). The topics in this part of the call contribute to the focus area 'Connecting economic and environmental gains - the circular economy'.</p>			
<b><i>Calls</i></b>	<b><i>International Cooperation</i></b>	<b><i>Type of Action</i></b>	<b><i>Deadlines</i></b>
<b>CE-SC5-06-2018:</b> New technologies for the enhanced recovery of by-products	International cooperation is encouraged.	<b>RIA</b>	<b>27.02.2018 (1) 04.09.2018 (2)</b>
<b>CE-SC5-07-2018-2019-2020:</b> Raw materials innovation for the circular economy: sustainable processing, reuse, recycling and recovery schemes	International cooperation is encouraged.	<b>IA</b>	<b>27.02.2018 (1) 04.09.2018 (2) 19.02.2019 (1) 04.09.2019 (2)</b>
<b>CE-SC5-08-2018-2019-2020:</b> Raw materials policy support actions for the circular economy	International cooperation is encouraged, <b>c)</b> particularly with partners from <b>advanced countries</b> using raw materials  In addition to the minimum number of participants set out in the General Annexes, proposals addressing sub-topic <b>c)</b> shall include <u>at least one participant</u> from <b>third countries</b> .	<b>CSA</b>	<b>27.02.2018; 19.02.2019</b>
<b>SC5-09-2018-2019:</b> New solutions for the sustainable production of raw materials	International cooperation is encouraged.	<b>RIA</b>	<b>27.02.2018 (1) 04.09.2018 (2) 19.02.2019 (1) 04.09.2019 (2)</b>
<b>SC5-10-2019-2020:</b> Raw materials innovation actions: exploration and Earth observation in support of sustainable mining	International cooperation is encouraged.	<b>IA</b>	<b>19.02.2019 (1) 04.09.2019 (2)</b>

<p><b>SC5-12-2018: EU-India</b> water co-operation</p>	<p>Due to the specific challenge of this topic, in addition to the minimum number of participants set out in the General Annexes (see <a href="#">General annexes</a>, specifically General annex C “Standard eligibility conditions for participation”), proposals shall include <u>at least three participants from India</u> (see <a href="#">SC5 work programme, page 79, exceptions on eligibility conditions</a>).</p> <p><b>Co-fund mechanism applies</b> as IND not automatically eligible for EU funding in H2020; (<a href="http://ec.europa.eu/research/iscp/index.cfm?pg=countries">http://ec.europa.eu/research/iscp/index.cfm?pg=countries</a>).</p> <p>The 11th <b>EU-India</b> Joint Steering Committee on Science and Technology Cooperation <b>12 June 2017</b> <a href="http://ec.europa.eu/research/iscp/index.cfm?amp;pg=india">http://ec.europa.eu/research/iscp/index.cfm?amp;pg=india</a> gave a hint: “[...] The Indian representatives indicated that they <b>would be in favor to extend the co-funding mechanism put in place in 2016 by</b> the Department of Science and Technology and the Department of Biotechnology <b>to all areas</b> of <a href="#">Horizon 2020</a> and, especially in <b>Water</b>, Energy, Health, Advanced Materials and Nanotechnology, Bio-economy, Information and communication technology, Green Transport and Polar research. [...]”. Also see the <a href="#">India Country page</a>.</p>	<p><b>RIA</b></p>	<p><b>27.02.2018</b></p>
<p><b>SC5-13-2018-2019:</b> Strengthening international cooperation on sustainable urbanisation: nature- based solutions for restoration and rehabilitation of urban ecosystem</p> <p><b>a)</b> Strengthening <b>EU-China</b> collaboration (2018)</p> <p><b>b)</b> Strengthening <b>EU-CELAC</b> collaboration (2019)</p>	<p>In addition to the minimum number of participants set out in the General Annexes, proposals addressing sub-topic <b>a)</b> shall include <u>at least three participants from China</u> and proposals addressing sub-topic <b>b)</b> shall include <u>at least three participants from CELAC</u> (Community of Latin American and Caribbean States) countries.</p> <p><b>CHN</b> has already agreed for co-fund mechanism on “EU-China Summit: new flagship initiatives in research and innovation”, <a href="#">News 02 June 2017</a>: „At the EU-China Summit Commissioner Moedas and Minister Wan signed an Administrative Arrangement <b>renewing the Co-funding Mechanism for the period 2018-2020 to support collaborative research and innovation projects</b> under joint flagship Initiatives and other areas.” <a href="http://ec.europa.eu/research/iscp/index.cfm?pg=countries">http://ec.europa.eu/research/iscp/index.cfm?pg=countries</a></p>	<p><b>RIA</b></p>	<p><b>27.02.2018 (1)</b> <b>04.09.2018 (2)</b> <b>19.02.2019 (1)</b> <b>04.09.2019 (2)</b></p>
<p><b>SC5-17-2018:</b> Towards operational forecasting of earthquakes and early warning capacity for more resilient societies</p>	<p>International cooperation is encouraged (e.g. with <b>USA, New Zealand, Japan, Chile, Mexico</b>).</p> <ul style="list-style-type: none"> <li>⇒ only <b>Chile</b> eligible for funding in H2020</li> <li>⇒ the others mentioned need to bring their own funding</li> <li>⇒ e.g. <b>Japan</b>: co-fund mechanism only for specific thematic areas</li> <li>⇒ e.g. <b>New Zealand</b>: does not have a co-fund mechanism</li> </ul>	<p><b>RIA</b></p>	<p><b>27.02.2018 (1)</b> <b>04.09.2018 (2)</b></p>
<p><b>SC5-19-2018:</b> International network to promote cultural heritage innovation and diplomacy</p>	<p>International cooperation is encouraged, in particular with <b>EU Neighbourhood countries</b> and with countries in which cultural heritage assets are under threat.</p>	<p><b>CSA</b></p>	<p><b>27.02.2018</b></p>