

Climate action, environment, resource efficiency and raw materials

The work programme 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.

The programme is structured to two calls: "Building a low-carbon, climate resilient future: climate action in support of the Paris Agreement" and "Greening the economy in line with the SDGs". This call list for years 2018 and 2019 is based on the updated (in July 2018) version of the work programme.

1) H2020-LC-CLA-2018-2019-2020 (2018: 123 million EUR; 2019: 116 million EUR): Call for building a low-carbon, climate resilient future: climate action in support of the Paris Agreement

5 themes and 8 topics (type of action)	Opening/ deadlines(s)	Budget year: indicative budget (EU contribution per project, million EUR)
Decarbonisation, p. 12		
LC-CLA-01-2018: Supporting the development of climate policies to deliver on the Paris Agreement, through Integrated Assessment Models (IAMs) (two RIA topics)	7 Nov 2017/ 27 Feb 2018 (1.) & 4 Sept 2018 (2.)	2018: 25 (5-7)
LC-CLA-02-2019: Negative emissions and land-use based mitigation assessment (two RIA topics)	14 Nov 2018/ 19 Feb 2019 (1.) & 4 Sept 2019 (2.)	2019: 22 (5-7)
Climate adaptation, impacts and services, p. 15		
LC-CLA-03-2018: Climate change impacts in Europe (two RIA topics)	7 Nov 2017/ 27 Feb 2018 (1.) & 4 Sept 2018 (2.)	2018: 20 (5-7)
LC-CLA-04-2018: Resilience and sustainable reconstruction of historic areas to cope with climate change and hazard events (RIA)	7 Nov 2017/ 27 Feb 2018 (1.) & 4 Sept 2018 (2.)	2018: 18 (5-6)
LC-CLA-05-2019: Human dynamics of climate change (two RIA topics)	14 Nov 2018/ 19 Feb 2019 (1.) & 4 Sept 2019 (2.)	2019: 23 (5-7)
Inter-relations between climate change, biodiversity and ecosystem services, p. 20		
LC-CLA-06-2019: Inter-relations between climate change, biodiversity and ecosystem services (RIA)	14 Nov 2018/ 19 Feb 2019 (1.) & 4 Sept 2019 (2.)	2019: 25 (5-7)
LC-CLA-09-2019 ERA-NET Cofund action on biodiversity and climate change: Impacts, feedbacks, and nature-based solution for climate change adaptation and mitigation (ERA-NET Cofund)	14 Nov 2018/ 19 Feb 2019	2019: 5
The cryosphere, p. 24		

LC-CLA-07-2019: The changing cryosphere: uncertainties, risks and opportunities (three RIA topics, one CSA topic)	CSA: 14 Nov 2018/ 19 Feb 2019; RIA: 14 Nov 2018/ 19 Feb 2019 (1.) & 4 Sep 2019 (2.)	2019: CSA 2 (2) 2019: RIA 39 (b-c topics 5-6/a topic 8-10)
Knowledge gaps, p. 27		
LC-CLA-08-2018: Addressing knowledge gaps in climate science, in support of IPCC reports (three RIA topics)	7 Nov 2017/ 27 Feb 2018 (1.) & 4 Sept 2018 (2.)	2018: 60 (a and b topics 6-8/c topic 10)

2) H2020-SC5-2018-2019-2010 (2018: 219,7 million EUR; 2019: 256,1 million EUR): Call for Greening the economy in line with the Sustainable Development Goals (SDGs)

7 themes and 21 topics (type of action)	Opening/ deadline(s)	Budget year: indicative call budget (EU contribution per project, million EUR)
Connecting economic and environmental gains – the circular economy, p. 32		
CE-SC5-01-2018: Methods to remove hazardous substances and contaminants from secondary raw material (RIA)	7 Nov 2017/ 27 Feb 2018 (1.) 4 Sep 2018 (2.)	2018: 34 (3-5)
CE-SC5-02-2018: Independent testing programme on premature obsolescence (RIA)	7 Nov 2017/ 27 Feb 2018 (1.) 4 Sep 2018 (2.)	2018: 5 (3-5)
CE-SC5-03-2018: Demonstrating systemic urban development for circular and regenerative cities (IA)	7 Nov 2017/ 27 Feb 2018 (1.) 4 Sep 2018 (2.)	2018: 39 (10)
CE-SC5-04-2019: Building a water-smart economy and society (two IA topics for year 2019)	14 Nov 2018/ 19 Feb 2019 (1.) & 4 Sep 2019 (2.)	2019: 72 (10-15)
CE-SC5-05-2018: Coordinated approaches to funding and promotion of research and innovation for circular economy (CSA)	7 Nov 2017/ 27 Feb 2018	2018: 2 (2)
Raw materials, p. 41		
CE-SC5-06-2018: New technologies for the enhanced recovery of by-products (RIA)	7 Nov 2017/ 27 Feb 2018 (1.) 4 Sep 2018 (2.)	2018: 15 (3-7)
CE-SC5-07-2018-2019-2020: Raw materials innovation for the circular economy: sustainable processing, reuse, recycling and recovery schemes (four IA topics for years 2018 and 2019)	7 Nov 2017/ 27 Feb 2018 (1.) 4 Sep 2018 (2.); 14 Nov 2018/ 19 Feb 2019 (1.) & 4 Sep 2019 (2.)	2018: 20 2019: 30 (8-13)
CE-SC5-08-2018-2019-2020: Raw materials policy support actions for the circular economy (three CSA topics for years 2018 and 2019)	7 Nov 2017/ 27 Feb 2018; 14 Nov 2018/ 19 Feb 2019	2018:5 2019:3 (2/3)

SC5-09-2018-2019: New solutions for the sustainable production of raw materials (three RIA topics for years 2018 and 2019)	7 Nov 2017/ 27 Feb 2018 (1.) & 4 Sep 2018 (2.); 14 Nov 2018/ 19 Feb 2019 (1.) & 4 Sep 2019 (2.)	2018: 20 2019: 30 (3-7)
SC5-10-2019-2020: Raw materials innovation actions: exploration and Earth observation in support of sustainable mining (two IA topics for year 2019)	14 Nov 2018/ 19 Feb 2019 (1.) & 4 Sep 2019 (2)	2019: 20 (8-13)
Water for our environment, economy and society. p. 55		
SC5-11-2018: Digital solutions for water: linking the physical and digital world for water solutions (IA)	7 Nov 2017/ 27 Feb 2018 (1.) & 4 Sep 2018 (2.)	2018: 14 (5)
SC5-12-2018: EU-India water co-operation (RIA)	7 Nov 2017/ 27 Feb 2018	2018: 15 (3-5)
Innovating cities for sustainability and resilience, p. 60		
SC5-13-2018-2019: Strengthening international cooperation on sustainable urbanisation: nature-based solutions for restoration and rehabilitation of urban ecosystem (two RIA topics for years 2018 and 2019)	7 Nov 2017/ 27 Feb 2018 (1.) & 4 Sep 2018 (2.); 14 Nov 2018/ 19 Feb 2019 (1.) & 4 Sep 2019 (2)	2018:10 2019: 10 (5)
SC5-14-2019: Visionary and integrated solutions to improve well-being and health in cities (IA)	14 Nov 2018/ 19 Feb 2019 (1.) & 4 Sep 2019 (2)	2019: 43 (10)
Protecting and leveraging the value of our natural and cultural assets: Earth observation, p. 65		
SC5-15-2018: Strengthening the benefits for Europe of the Global Earth Observation System of Systems (GEOSS) - establishing 'EuroGEOSS' (IA)	7 Nov 2017/ 27 Feb 2018 (1.) & 4 Sep 2018 (2.)	2018: 15 (15)
SC5-16-2019: Development of commercial activities and services through the use of GEOSS and Copernicus data (CSA, IA)	CSA: 14 Nov 2018/ 19 Feb 2019; IA: 14 Nov 2018/ 19 Feb 2019 (1.) & 4 Sep 2019 (2)	2019 CSA: 1 (1) 2019 IA: 15 (2-3)
Protecting and leveraging the value of our natural and cultural assets: Nature-based solutions, disaster risk reduction and natural capital accounting, p. 69		
SC5-17-2018: Towards operational forecasting of earthquakes and early warning capacity for more resilient societies (RIA)	7 Nov 2017/ 27 Feb 2018 (1.) & 4 Sep 2018 (2.)	2018: 18 (6-8)
SC5-18-2018: Valuing nature: mainstreaming natural capital in policies and in business decision-making (two CSA topics for 2018)	7 Nov 2017/ 27 Feb 2018	2018: 7,70 common budget with the call SC5-19-2018 (2/3)
SC5-23-2019: Multi-stakeholder dialogue platform to promote nature-based solutions to societal challenges: follow up project	14 Nov 2018/4 Sept 2019	2 (2)

Protecting and leveraging the value of our natural and cultural assets: Heritage alive, p. 76		
SC5-19-2018: International network to promote cultural heritage innovation and diplomacy (CSA)	7 Nov 2017/ 27 Feb 2018	2018: common budget with the call SC5-18-2018 (2,5-3)
SC5-20-2019: Transforming historic urban areas and/or cultural landscapes into hubs of entrepreneurship and social and cultural integration (IA)	14 Nov 2018/ 19 Feb 2019 (1.) & 4 Sep 2019 (2.)	2019: 25 (7-8)
Specific support and implementation aspects p. 80		
SC5-21-2019-2020: ERA-NET Cofund action for climate action, environment, resource efficiency and raw materials (ERA-NET Cofund)/Risks posed to human health and the environment by pollutants and pathogens presented in water resources (2019)	14 Nov 2018/ 19 Feb 2019	2019: 10
SC5-22-2019: Assessing and fostering the impacts of Research and Innovation Actions (RIA) and Innovation Actions (IA) granted by Societal Challenge 5 in 2014-2015 (CSA)	14 Nov 2018/ 19 Feb 2019	0,6 (0,6)

Timetable for single stage procedure:

- information on the outcome of the evaluation; maximum 5 months from the final date for submission
- indicative date for the signing of grant agreements; maximum 8 months for the final date of submission

Timetable for two stage procedure:

- information on the outcome of the evaluation; maximum 3 months from the final date for submission for the first stage and 5 months from the final date for submission for the second stage
- indicative date for the signing of grant agreements, maximum 8 months for the final date of submission of the second stage

There are some exception concerning eligibility and admissibility conditions (**call code coloured with red**), evaluation procedure (**coloured with green**) and grant conditions (**coloured with orange**). When preparing the application, please consult the work programme "[Climate action, environment, resource efficiency and raw materials](#)".

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