

OVERVIEW

International cooperation with Latin America on

- *Multimodal, low-emission freight transport systems and logistics*
- *Climate change, biodiversity and ecosystem services*
- *Sustainable urbanisation*



MG-2-9-2019: InCo Flagship on Integrated multimodal, low-emission freight transport systems and logistics

Type of Action: Research and Innovation Action (RIA)

Deadline Model: two-stage

1st stage Deadline: 16 January 2019 17:00h (Brussels time)

2nd stage Deadline: 12 September 2019 17:00h (Brussels time)

Contribution from EU: 3-7 million €

LC-CLA-06-2019: Inter-relations between climate change, biodiversity and ecosystem services

Type of Action: Research and Innovation Action (RIA)

Deadline Model: two-stage

1st stage Deadline: 19 February 2019 17:00h (Brussels time)

2nd stage Deadline: 04 September 2019 17:00h (Brussels time)

Contribution from EU: 5-7 million €

SC5-13-2019: Strengthening international cooperation on sustainable urbanisation: nature-based solutions for restoration and rehabilitation of urban ecosystems

Type of Action: Research and Innovation Action (RIA)

Deadline Model: two-stage

1st stage Deadline: 19 February 2019 17:00h (Brussels time)

2nd stage Deadline: 04 September 2019 17:00h (Brussels time)

Contribution from EU: 5 million €

Specific Challenge

MG-2-9-2019: InCo Flagship on Integrated multimodal, low-emission freight transport systems and logistics

- Global as well as regional and local freight transport is massively changing due to accelerating technological changes (blockchain, industry 4.0, crowdshipping...);
- New trade routes from and to Europe are changing the traditional pattern of freight movement;
- Sustainable integrated multimodal freight transport as a solution for countries in special situations – least developed countries, landlocked developing countries, and small island states and outermost regions;

In line with the Union's strategy for international cooperation in research and innovation, [international cooperation](#) is encouraged. In particular proposals should consider cooperation with projects or partners from the US, Japan, Canada, China, [Latin America](#).

LC-CLA-06-2019: Inter-relations between climate change, biodiversity and ecosystem services

- Need for an improved understanding of the interactions and feedbacks between ecological processes and climate change;
- Development of appropriate solution-oriented strategies and measures for biodiversity conservation and cost-effective ecosystems-based climate change adaptation and mitigation;
- Take advantage of opportunities to let biodiversity and ecosystems benefit multidimensionally from climate change adaptation and mitigation;

In line with the strategy for EU international cooperation in research and innovation, [international cooperation](#) is encouraged, in particular with [CELAC countries](#).

SC5-13-2019: Strengthening international cooperation on sustainable urbanisation: nature-based solutions for restoration and rehabilitation of urban ecosystems

- Fragmentation, depletion, degradation, loss and destruction of habitats, biodiversity and ecosystems due to unsustainable urbanization patterns;
- Apply nature-based solutions to restore and rehabilitate ecosystems and to ensure further connectivity among existing, modified and new ecosystems;
- Enhance ecosystem resilience and adaptive capacity to cope with effects of climate change, contributing to more liveable, healthier and resilient cities;

In line with the strategy for EU international cooperation in research and innovation, [international cooperation](#) is encouraged. Proposals should [pay attention to the special call conditions](#) for this topic.

Scope

MG-2-9-2019

Understanding how new concepts in logistics have an impact on global freight transport, and on related greenhouse gas emissions

Speed up the process and transition towards the Physical Internet paradigm

Research the range of new issues and questions emerging with the new trade routes to and from Europe

Understand new disruptive trends emerging as on-demand logistics solutions such as crowd-sourcing of deliveries (or 'crowdshipping')

Assess the impact of emerging technologies in other sectors than freight transport (e.g. Blockchain, Industry 4.0, 5G, 3D printing, etc.) on the logistics operational system

Collect best case models and develop decision support systems to help public authorities and private companies to determine the most likely scenarios

LC-CLA-06-2019

Investigate at all relevant spatial and temporal scales the way that ecological processes, biodiversity and ecosystem services are impacted by climate change

Investigate and model the vulnerability of biodiversity and ecosystems functions and services to climate change across a range of European climatic and ecological regions

Assess the role of nature-based solutions in enhancing the efficiency and effectiveness of climate change adaptation and mitigation strategies

Envisage clustering activities with other relevant selected projects and initiatives, including relevant FP7/H2020 and LIFE projects, European climate adaptation platforms and Copernicus services

SC5-13-2019

Develop models, tools, decision support systems, methodologies, strategies, guidelines, standards and approaches for the design, construction, deployment and monitoring of nature-based solutions and restoration, prevention of further degradation, rehabilitation and maintenance measures for urban and peri-urban ecosystems

Integrate strategies and tools on an integrated and ecologically coherent urban planning

Assess the cost-effectiveness of the restoration measures through methodologies, schemes and indicators

Dedicate efforts to awareness raising, outreach activities and education of citizens, including school children about the benefits of nature for their social, economic and cultural well-being

Seek cooperation and synergies with the activities of the Covenant of Mayors initiative for Climate and Energy

Expected Impact

MG-2-9-2019: InCo Flagship on Integrated multimodal, low-emission freight transport systems and logistics

- Improved integration of the European transport network (both hard – TEN-T – and soft – logistics and IT) with the global network
- Better understanding of the impact of emerging technologies on freight flow and subsequent guidelines to optimize vehicle, infrastructure and operation accordingly
- Facilitate the development of disadvantaged regions and their inclusion into the international trading system
- Better understanding of links between technological development, trade and geopolitics

LC-CLA-06-2019: Inter-relations between climate change, biodiversity and ecosystem services

- More effective, integrated and evidence-based biodiversity conservation strategies and ecosystem management in the face of climate change
- Pushing the EU to the forefront in climate-change predictive capacity
- More effective ecosystem-based adaptation and mitigation
- Enhanced ecosystem integrity, functionality, resilience and delivery of services
- Increased investment in nature-based solutions and on ecosystem conservation, restoration and management
- Evidence on the impacts of biodiversity on climate mitigation and adaptation
- Underpinning the EU Nature Directives, EU Biodiversity Strategy, 7th Environment Action Programme, and the EU Strategy on adaptation to climate change
- Informing major international scientific assessments such as the IPCC reports and the IPBES
- Protection, restoration and enhancement of natural capital in line with the work of CBD, IPBES and IPCC

SC5-13-2019: Strengthening international cooperation on sustainable urbanisation: nature-based solutions for restoration and rehabilitation of urban ecosystems

- Restored and functioning urban ecosystems with an enhanced capacity to deliver their services
- Making a business and investment case for nature-based solutions on the basis of increased evidence about the positive and negative impacts from restored urban ecosystems with regards to urban liveability, climate change resilience, social inclusion, urban regeneration, public health and well-being
- Guidelines for cost effective urban ecosystem restoration and ecological rehabilitation measures and new planning approaches and methods

Standard eligibility and admissibility conditions

A consortium must include **at least 3 participants from 3 different EU Member States or Associated countries**. In addition to these three partners, any legal entity from anywhere in the world can be included in the consortium.

Specific eligibility and admissibility condition for **SC5-13-2019**

Proposals shall **include at least three participants from CELAC** (Community of Latin American and Caribbean States) countries.

All info re Brazilian applicants is available [here](#)

Proposal page limits: The page limits and sections subject to limits, will be clearly shown in the proposal templates in the Participant Portal electronic submission system. Unless stated otherwise in the call conditions, the limit for a full proposal is 70 pages, the limit for a first-stage proposal is **10 pages**.

Evaluation criteria, scoring and threshold

For the evaluation of first-stage proposals under a two-stage submission procedure:

- The criteria 'excellence' and 'impact' will be evaluated.
- The threshold for both individual criteria will be 4.
- The overall threshold, applying to the sum of the two individual scores, will be set at the level such that the total requested budget of proposals admitted to stage 2 is as close as possible to three times the available budget, and in any case, not less than two and a half times the available budget.
- The threshold is expected to normally be set at 8 or 8.5 (out of 10)

For the **second-stage proposal**, the criteria, scoring and threshold are as follows:

- 3 criteria evaluated – excellence, impact and quality and efficiency of the implementation
- Each criterion will be scored out of 5
- The threshold for individual criteria is of 3
- The overall threshold, applying to the sum of the three individual scores, is of 10

Indicative time for evaluation and grant agreements

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 maximum 5 months from the final date for submission for the second stage; and
- Indicative date for the signing of grant agreements: Maximum 8 months from the final date for submission of the second stage.

Further information:

Check out INCOBRA [Practical guide for the participation of Brazilian entities](#) and [FAPs \(State Funding Agencies\) Guidelines](#)

Contact [INCOBRA helpdesk](#)