

India Country Page

1. Participation and Funding of Indian Entities in Horizon 2020

The EU's research and innovation framework programme 'Horizon 2020' (2014-2020), is fully **open to participation of entities from across the world** in all parts of the programme, and many topics are flagged as being specifically relevant for cooperation with partners outside Europe such as India.

Indian researchers, universities, research organisations and enterprises are able to team up with any European partners to participate in projects under Horizon 2020 and make the best use of Europe's scientific excellence. Through participation in Horizon 2020, Indian participants can gain great benefits from access to excellent talent, knowledge, data and infrastructures and connection to world-leading teams, networks and value chains.

As to funding, participants from India, just like the other emerging economies (BRIC) are **no longer automatically eligible for funding**. Indian participants have therefore to find the financial resources for their participation in Horizon 2020 collaborative projects. These could be own funds or funds from Indian ministries, foundations and other organisations that fund international research and innovation activities. Contributions can also be made in kind. In exceptional circumstances, funding can be received if the participation is essential for the execution of the project.

For this purpose, the Indian Department of Science (DST), the Indian Department of Biotechnology (DBT) and the Ministry of Earth Sciences (MoES) have established a Co-Funding Mechanism (CFM) to fund the successful Indian participants in a number of pre-identified calls of proposals.

2. List of Co-Funded calls under Horizon 2020 Work programmes 2018-2020

2.1 EU-India Flagship Initiative on influenza vaccine:

- **Topic: Towards a next generation influenza vaccine to protect citizens worldwide – and EU-India collaboration**
- **Topic identifier: SC1- BHC-32-2019**
- **Type of Action: Research and Innovation action – single stage**

The European Commission (EC) and the Department of Biotechnology (DBT), Government of India has today launched a flagship call on the next generation influenza vaccine.

Improved influenza vaccines should ease a significant global health burden, and also help the international community to better prepare in the event of an influenza pandemic. In engaging jointly on this topic, India and the EU are also contributing to an important global public health challenge.

For this call, the EC through the European Union funding programme for research and innovation 'Horizon 2020' has committed EUR 15 million and the Department of Biotechnology (DBT), Government of India, agreed to match that amount. In total, funding of EUR 30 million will thus be available for joint project proposals.

Applicants from other countries may also join EU-India consortia.

Eligible Applicant(s):

- Minimum THREE applicants from Europe (from three different Member States/Associated countries to Horizon 2020)
- Minimum THREE applicants from India
- Eligibility for European applicants will be as per Horizon 2020 rules of participation
- Indian applicants as per Indian law specified in DBT guidelines.

Submission opens: 26 July 2018

Submission deadline:

- Horizon 2020 Participant Portal: 16 April 2019- 17h00 / 20h30 IST
- DBT via email: 19 April 2019 – 17h00 Indian Standard Time (IST)

The complete call text can be found in:

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/sc1-bhc-32-2019.html>

The guidelines for participation and funding of the Indian co-funded participants are available on DBT websites: <http://www.dbtindia.nic.in/funding-mechanism/call/>

List of calls under Horizon 2020 co-funded by MoES in 2019

2.2 Calls co-funded by the Ministry of Earth Sciences (MoES): see hereunder the call from the Horizon 2020 Work Programme 2019, which MoES agreed to co-fund. The detailed information on the co-funding modalities for Indian researchers, can be found on MoES website: <http://www.moes.gov.in/writereaddata/files/Webnotice%20.pdf>

The calls are listed in the priority of the call deadlines:

Topic	Details	Type of Action	Opening and Closing date
LC-CLA-07-2019: The changing cryosphere: uncertainties, risks and opportunities (targeted towards India)	RIA should aim at developing innovative approaches to address only one of the following sub-topics: a) Sea-level changes b) Changes in Arctic biodiversity c) Sustainable opportunities in a changing Arctic	RIA- Research and Innovation action	Opening date: 14 November 2018 Deadline: 19 February 2019 2 nd stage Deadline: 04 September 2019

Calls to be co-funded by Department of Science & Technology (DST) and Department of Biotechnology (DBT) in the Horizon 2020 Work Programme 2019-2020 are under discussion and will be published soon.

3. Calls Targeting The Participation of India

Throughout the Horizon 2020 Work Programmes for 2018-2020, a number of calls for proposals are specifically targeting India:

	Topic identifier	Topic title
2019	LC-CLA-07-2019	The changing cryosphere: uncertainties, risks and opportunities
	MG-2-9-2019	InCo Flagship on Integrated multimodal, low-emission freight transport systems and logistics
	SU-SPACE-22-SEC-2019	Space Weather

Calls targeting India means that participation of India is welcomed but is not mandatory (unlike in the case of the above flagship call on Water).

India has not yet agreed to co-fund the successful entities in these calls (discussions are ongoing).

4. Marie Skłodowska Curie Actions (MSCA) Open For Indian Participation And Funding

Indian researchers are eligible for MSCA fellowships (PhD/Post-Doc). Indian research centres, universities and private companies performing research can also host European MSCA fellows through a Global Fellowship Scheme or participate in Research Networks (ITN) and Research and Innovation Staff Exchanges (RISE).

For more details: <https://ec.europa.eu/research/mariecurieactions/>

5. European Research Council (ERC) Grants

The ERC aims to fund the best research undertaken by the best researchers of any nationality at any research institute or university in Europe (Member State or country associated to Horizon 2020). Excellence is the only evaluation criterion (excellence of the PI and excellence of the research project). ERC is open to all disciplines and calls are bottom up. Interdisciplinary proposals are encouraged.

For more details see: <https://erc.europa.eu/>

In addition, an 'Implementing Arrangement' between the European Commission (EC) and the Science and Engineering Research Board (SERB), allowing Indian researchers to join and collaborate with an ERC Principal Investigators (PIs) in Europe, was signed on 6th October 2017. This arrangement allows for short term (6 -12 months) collaboration opportunities between an ERC Team and Indian researcher beneficiary of a SERB grant.

For details on this 'Implementing Arrangement', see <https://erc.europa.eu/funding/additional-opportunities> or write to ERC-IMPLEMENTING-ARRANGEMENTS@ec.europa.eu or visit the SERB website <http://www.serb.gov.in/home.php>

6. Website of The Delegation of The EU to India And Functional Mailbox

- Delegation of the European Union to India: https://eeas.europa.eu/delegations/india_en
- Questions may be addressed to the Delegation e-mail: DELEGATION-INDIA-RI@eeas.europa.eu
- A guide for Indian users: http://eeas.europa.eu/archives/delegations/india/documents/h2020_brochure-india-aug_2014.pdf
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7. Local National Contact Points and Other Assistance Service

<p><u>Within DST:</u> Dr Arvind Kumar Scientist 'E' International Multilateral & Regional Cooperation Division Department of Science and Technology Fax: 91-11-26862418 arvind.kumar71@nic.in</p>	<p><u>Within DBT:</u> Dr Amit Parikh, Scientist E International Cooperation, DBT Department of Biotechnology Fax: 91-11-24362884 icone@dbt.nic.in</p>
<p><u>Within MoES:</u> Dr Vijay KUMAR Scientist-G vijay.kumar66@nic.in</p> <p>Ministry of Earth Sciences, Government of India, Prithvi Bhavan, Opp. India Habitat Centre, Lodhi Road, New Delhi - 110003 Phone : +91-11-24669518</p>	<p><u>Within MoES:</u> Dr P.G. Dastidar Scientist -F Prabir.gd@nic.in</p> <p>Ministry of Earth Sciences, Government of India, Prithvi Bhavan, Opp. India Habitat Centre, Lodhi Road, New Delhi - 110003 Phone : +91-11-24669518</p>
<p><u>Within SERB:</u> Dr Praveen Kumar S Principal Scientific Officer praveen@nic.in</p> <p>Science & Engineering Research Council Department of Science & Technology Technology Bhawan, New Mehrauli Road New Delhi - 110 016 Phone:+91-11 2659 0353</p>	