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 and in addition, many topics are flagged as being specifically relevant for cooperation with international partners.

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 participants from the other emerging economies (BRIC), are no longer automatically eligible for funding under Horizon 2020. Indian participants have therefore to find themselves the financial resources for their participation in Horizon 2020 collaborative projects. These could be own funds, 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 European Commission has concluded with the Indian Department of Science and Technology (DST), the Indian Department of Biotechnology (DBT) and the Ministry of Earth Sciences (MoES) a Co-Funding Mechanism (CFM), to fund the successful Indian participants in a number of pre-identified calls of proposals.

2. Joint call and calls co-funded by Government of India (GOI)

2.1 Joint flagship call on Integrated local energy systems (Energy islands): International cooperation with India

The European Commission (EC) and the Department of Science & Technology (DST), Government of India have agreed to co-fund an Innovation Action on local energy systems. European partners in selected proposals will receive funding from Horizon 2020, while the Indian partners will receive funding from DST.

- Topic identifier: LC-SC3-ES-12-2020
- Focus area: Building a low-carbon, climate resilient future (LC)
- Type of action: Innovation Action (IA)

**Scope:**
Proposals will develop and demonstrate solutions which analyse and combine, in a well delimited system, all the energy vectors that are present and interconnect them, where appropriate, to optimise their joint operation that is demonstrated by an increased share of renewables in and higher energy efficiency of the local energy system.

The Technology Readiness Level (TRL) will range between 5 and 8. Proposals will indicate the estimated levels of TRL at the beginning and at the end of the project.
It is considered that proposals requesting a contribution from the EU and the Government of India of between EUR 5 to 6 million would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

For more details click [LC-SC3-ES-12-2020](#).

The original deadline for submission of this call was 29 January 2020 but for legal/technical reasons, the call has to be cancelled and will be republished: see note hereunder.

---

### Important Topic Update

**Dear applicant,**

the European Commission intends to cancel the topic LC-SC3-ES-12-2020: “Integrated local energy systems (Energy islands): International cooperation with India” and plans to publish a new topic with the same thematic scope but with adjusted formal requirements as regards the international cooperation between EU and Indian entities. The Commission intends to call for proposals for the new topic in May 2020 with a submission deadline on 1 September 2020. This cancellation and publication of a new call will be confirmed once all necessary procedural steps are finalized.

As of today, the access to the submission platform for this topic will no more be accessible to new proposers.

Once the new topic is published, you will have to create a new proposal via the Funding & Tenders portal, as your current draft proposal will not be transferred to the new topic. We therefore invite you to download your draft proposal prior to the initially foreseen deadline of 29 January 2020.

We apologize for the inconvenience caused by this modification.

---

2.2 **Co-funding by DBT under Horizon 2020 Work Programmes 2018-2020**

In September 2019, the Department of Biotechnology (DBT), Government of India, has agreed to co-fund the successful Indian applicants in 30 calls selected under the Horizon 2020 Work Programmes 2018-2020 as published on 2 July 2019. From these 30 calls, deadline of submission of 10 calls is closed.

**Hereby the updated list of 20 calls still open.** To note that by 22 January 2020, 10 more calls will close. For calls still open, click on link in the list hereunder.

**FOCUS AREA: HEALTH, DEMOGRAPHIC CHANGE AND WELLBEING”**

**(SOCIETAL CHALLENGE 1)**

<table>
<thead>
<tr>
<th>Topic Identifier</th>
<th>Type of Action</th>
<th>Opening Date</th>
<th>Deadline Model</th>
<th>Closing Deadline</th>
<th>2nd Stage Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC1-BHC-06-2020</td>
<td>RIA</td>
<td>4 July 2019</td>
<td>single-stage</td>
<td>7 April 2020</td>
<td>NA</td>
</tr>
</tbody>
</table>

Digital diagnostics – developing tools for supporting clinical decisions by integrating various diagnostic data
<table>
<thead>
<tr>
<th>Title</th>
<th>Topic Identifier</th>
<th>Type of Action</th>
<th>Opening Date</th>
<th>Deadline model</th>
<th>Closing Deadline</th>
<th>2nd Stage Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Global Alliance for Chronic Diseases (GACD) - Prevention and/or early diagnosis of cancer</td>
<td>SC1-BHC-17-2020</td>
<td>RIA</td>
<td>4 July 2019</td>
<td>single-stage</td>
<td>7 April 2020</td>
<td>NA</td>
</tr>
<tr>
<td>New approaches for clinical management and prevention of resistant bacterial infections in high prevalence settings</td>
<td>SC1-BHC-34-2020</td>
<td>RIA</td>
<td>4 July 2019</td>
<td>single-stage</td>
<td>7 April 2020</td>
<td>NA</td>
</tr>
<tr>
<td>Towards the new generation of clinical trials – trials methodology research</td>
<td>SC1-BHC-37-2020</td>
<td>RIA</td>
<td>4 July 2019</td>
<td>single-stage</td>
<td>7 April 2020</td>
<td>NA</td>
</tr>
<tr>
<td>Coordinating and supporting research on the human microbiome in Europe and beyond</td>
<td>SC1-HCO-17-2020</td>
<td>CSA</td>
<td>4 July 2019</td>
<td>single-stage</td>
<td>7 April 2020</td>
<td>NA</td>
</tr>
<tr>
<td>Reliable and accessible information on cell and gene-based therapies</td>
<td>SC1-HCO-19-2020</td>
<td>CSA</td>
<td>4 July 2019</td>
<td>single-stage</td>
<td>7 April 2020</td>
<td>NA</td>
</tr>
</tbody>
</table>

**FOCUS AREA: FOOD SECURITY, SUSTAINABLE AGRICULTURE AND FORESTRY, MARINE, MARITIME AND INLAND WATER RESEARCH AND THE BIO ECONOMY” (SOCIETAL CHALLENGE 2)**

<table>
<thead>
<tr>
<th>Title</th>
<th>Topic Identifier</th>
<th>Type of Action</th>
<th>Opening Date</th>
<th>Deadline model</th>
<th>Closing Deadline</th>
<th>2nd Stage Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sustainable Food Security</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Healthy terrestrial livestock microbial ecosystems for sustainable production</td>
<td>SFS-02-2020</td>
<td>RIA</td>
<td>15 October 2019</td>
<td>two-stage</td>
<td>22 January 2020</td>
<td>8 September 2020</td>
</tr>
<tr>
<td>Stepping up integrated pest management</td>
<td>SFS-06-2018-2020</td>
<td>CSA</td>
<td>15 October 2019</td>
<td>single-stage</td>
<td>22 January 2020</td>
<td>NA</td>
</tr>
<tr>
<td>Genome and epigenome enabled breeding in terrestrial livestock</td>
<td>SFS-13-2020</td>
<td>RIA</td>
<td>15 October 2019</td>
<td>two-stage</td>
<td>22 January 2020</td>
<td>8 September 2020</td>
</tr>
<tr>
<td><strong>Rural Renaissance</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reducing food losses and waste along the agri-food value chain</td>
<td>RUR-07-2020</td>
<td>IA</td>
<td>15 October 2019</td>
<td>single-stage</td>
<td>22 January 2020</td>
<td>NA</td>
</tr>
</tbody>
</table>
### Food and Natural Resources

<table>
<thead>
<tr>
<th>Title</th>
<th>Identifier</th>
<th>Type of Action</th>
<th>Opening Date</th>
<th>Deadline model</th>
<th>Closing Deadline</th>
<th>2(^{nd}) Stage Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industrial microorganisms learning from nature</td>
<td>FNR-12-2020</td>
<td>RIA</td>
<td>15 October 2019</td>
<td>two-stage</td>
<td>22 January 2020</td>
<td>8 September 2020</td>
</tr>
<tr>
<td>Pilot action for the removal of marine plastics and litter</td>
<td>CE-FNR-09-2020</td>
<td>IA</td>
<td>15 October 2019</td>
<td>single-stage</td>
<td>22 January 2020</td>
<td>NA</td>
</tr>
<tr>
<td>Innovative textiles – reinventing fashion</td>
<td>CE-FNR-14-2020</td>
<td>IA</td>
<td>15 October 2019</td>
<td>single-stage</td>
<td>22 January 2020</td>
<td>NA</td>
</tr>
<tr>
<td>Pilot circular bio-based cities – sustainable production of bio-based products from urban biowaste and wastewater</td>
<td>CE-FNR-17-2020</td>
<td>IA</td>
<td>15 October 2019</td>
<td>single-stage</td>
<td>22 January 2020</td>
<td>NA</td>
</tr>
</tbody>
</table>

**FOCUS AREA: “SECURE, CLEAN & EFFICIENT ENERGY” (SOCIETAL CHALLENGE 3)**

<table>
<thead>
<tr>
<th>Title</th>
<th>Topic Identifier</th>
<th>Type of Action</th>
<th>Opening Date</th>
<th>Deadline model</th>
<th>Closing Deadline</th>
<th>2(^{nd}) Stage Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Combined clean biofuel production and phytoremediation solutions from contaminated lands worldwide</td>
<td>LC-SC3-RES-37-2020</td>
<td>RIA</td>
<td>3 December 2019</td>
<td>single-stage</td>
<td>21 April 2020</td>
<td>NA</td>
</tr>
<tr>
<td>International cooperation with Japan for Research and Innovation on advanced biofuels and alternative renewable fuels</td>
<td>LC-SC3-RES-25-2020</td>
<td>RIA</td>
<td>5 May 2020</td>
<td>single-stage</td>
<td>1 September 2020</td>
<td>NA</td>
</tr>
<tr>
<td>International cooperation with Canada on advanced biofuels and bioenergy</td>
<td>LC-SC3-RES-36-2020</td>
<td>RIA</td>
<td>5 May 2020</td>
<td>single-stage</td>
<td>1 September 2020</td>
<td>NA</td>
</tr>
</tbody>
</table>


**To be noted**

- The DBT co-funding is applicable to the above preselected calls;
- The Indian applicants have to comply with DBT’s eligible conditions;
- Indian entities eligible to participate are:
  - Government of India supported or recognised (Public or Private) academia; research organisations and urban or other local bodies;
  - Government of India recognised not-for-profit, NGO(s)/VO(s)/Trust(s)/Research foundations, having research as one of the imperative mandates;
  - Indian Industry can be a partner in the consortium and are eligible for funding subject to fulfilment of DBT’s technical, administrative and financial norms.
- The successful Indian participant(s) are not required to sign the EC Grant Agreement
2.3 Co-funding by Ministry of Earth Sciences (MoES) under Horizon 2020 Work Programme 2018-2020

EU and India are joining forces to understand Climate Change and combat it together through increased efforts on research and innovation. Ministry of Earth Sciences identified two calls for co-funding in the EUs Horizon 2020 Work programme 2018-2020 on Climate change and polar sciences.

Check out the topics and modalities of cooperation in MoES Web notice: https://moes.gov.in/writereaddata/files/REVISED-Webnotice-CoFunding_IND-EU_2019-20.pdf

<table>
<thead>
<tr>
<th>Title</th>
<th>Topic Identifier</th>
<th>Type of Action</th>
<th>Opening</th>
<th>Deadline model</th>
<th>Single Stage</th>
<th>second-Stage</th>
</tr>
</thead>
<tbody>
<tr>
<td>The cryosphere</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polar climate: understanding the polar processes in a global context in the Arctic and Antarctic Regions</td>
<td>LC-CLA-17-2020</td>
<td>RIA</td>
<td>12 November 2019</td>
<td>two-stage</td>
<td>13 February 2020</td>
<td>03 September 2020</td>
</tr>
<tr>
<td>Knowledge gaps</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

To be noted
- The MoES co-funding is applicable to the above pre-selected 2 calls only;
- The Indian applicants have to comply with MoES's eligible conditions;
- The successful Indian participant(s) are not required to sign the EC Grant Agreement (GA) but they should indicate that they participate as International partner(s) (Article 14a of Model Grant Agreement) at the proposal preparation stage itself and that thus they will not sign the EC Grant Agreement (GA);
3. Call Targeting the Participation of India to strengthen cooperation on Innovation

- **Title**: Centres/Networks of European research and innovation
- **ID**: GOVERNANCE-20-2020
- **Type of action**: Coordination and support action (CSA)
- **Deadline Model**: single-stage
- **Opening date**: 5 November 2019
- **Deadline**: 12 March 2020- 17:00:00 Brussels time

**Scope:**
To establish new centres or networks of centres, in close cooperation with local technology and innovation structures located in third countries and regions. See complete call text under this link: http://bit.ly/2Z8sr28

The Commission considers that proposals requesting an EU contribution of around EUR 2-3 million, for duration of 3-4 years, would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

**To be noted**
Due to the specific challenge of this topic, legal entities established in the target country (India) are eligible for funding from Horizon 2020

4. **Marie Skłodowska Curie Actions (MSCA)**

Indian researchers are eligible for the Marie Skłodowska Curie Individual fellowships (IF) for PhD/Post-Doc. Indian research centres, universities and private companies performing research can also host European MSC fellows through a Global Fellowship Scheme.

Indian research centres, universities and private companies are also eligible to participate in the MSC Innovative Training Network (ITN) and the MCS Research and Innovation Staff Exchanges (RISE).

**Open 2020 Calls**

- **Innovative Training Networks (PhD) (H2020-MSCA-ITN-2020)**
  - Call Open Date: 12 September 2019
  - Deadline: 14 January 2020
  - Indicative Budget: €530 million

- **Research and Innovation Staff Exchange (H2020-MSCA-RISE-2020)**
  - Call Open Date: 5 December 2019
  - Deadline: 28 April 20
  - Indicative Budget: €80 million

- **Individual Fellowships (Post-Doc) (H2020-MSCA-IF-2020)**
  - Call Open Date: 8 April 2020
  - Deadline: 9 September 2020
  - Indicative Budget: €328 million

- **MSCA COFUND (H2020-MSCA-COFUND-2020)**
  - Call Open Date: 8 April 2020
  - Deadline: 29 September 20
  - Indicative Budget: €100 million
For more details and calls see: 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.

**ERC Consolidator Grant (ERC-2020-CoG)**
Call opened: 24 Oct 2019
Deadline: 4 Feb 2020

**ERC Advanced Grant (ERC-2020-AdG)**
Call opened: 14 May 2020
Deadline: 26 Aug 2020

For more details and call see: https://erc.europa.eu/

In addition, an 'Implementing Arrangement' between the European Commission (EC) and the Indian 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
- Write to ERC-IMPLEMENTING-ARRANGEMENTS@ec.europa.eu
- Visit the SERB website http://www.serb.gov.in/home.php

Expression of interest to host a SERB grantee in 2020, will be provided by SERB in the first quarter of 2020 (tbc).

6. Website of the Delegation of the EU to India and functional mailbox

- Questions may be addressed to the Delegation e-mail: DELEGATION-INDIA-RI@eeas.europa.eu

7. Local contact points

<table>
<thead>
<tr>
<th>Within DST: Integrated local energy systems (Energy islands) call</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr JBV REDDY, Scientist – E</td>
</tr>
<tr>
<td>Department of Science and Technology Technology Bhawan, New Mehrauli Road New Delhi - 110 016,</td>
</tr>
<tr>
<td>Phone: +91-11-26590328 (Direct)</td>
</tr>
<tr>
<td><a href="mailto:jbvreddy@nic.in">jbvreddy@nic.in</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Within DBT:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr Amit Parikh, Scientist 'E'</td>
</tr>
<tr>
<td>International Cooperation, Department of Biotechnology,</td>
</tr>
<tr>
<td>Fax: 91-11-24362884</td>
</tr>
<tr>
<td><a href="mailto:icone@dbt.nic.in">icone@dbt.nic.in</a></td>
</tr>
</tbody>
</table>
Within MoES:
Dr Vijay KUMAR
Scientist 'G'
Ministry of Earth Sciences,
Government of India,
Prithvi Bhavan, Opp. India Habitat Centre,
Lodhi Road, New Delhi - 110003
Phone: +91-11-24669518
vijay.kumar66@nic.in

Within MoES:
Dr P.G. Dastidar
Scientist 'G'
Ministry of Earth Sciences,
Government of India,
Prithvi Bhavan, Opp. India Habitat Centre,
Lodhi Road, New Delhi - 110003
Phone: +91-11-24669518
Prabir.gd@nic.in

Within MoES:
Dr Aparna Shukla
Scientist-E
Ministry of Earth Sciences,
Government of India,
Prithvi Bhavan, Opp. India Habitat Centre,
Lodhi Road, New Delhi - 110003
Phone: +91-11-24669541
aparna.shukla@gov.in

Within SERB:
Dr Praveen Kumar S
Principal Scientific Officer
Science & Engineering Research Council,
Department of Science & Technology,
Technology Bhawan, New Mehrauli Road
New Delhi - 110 016
Phone:+91-11 2659 0353
praveen@nic.in