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# Implication of Paris Agreement on Technology and Finance Mechanisms

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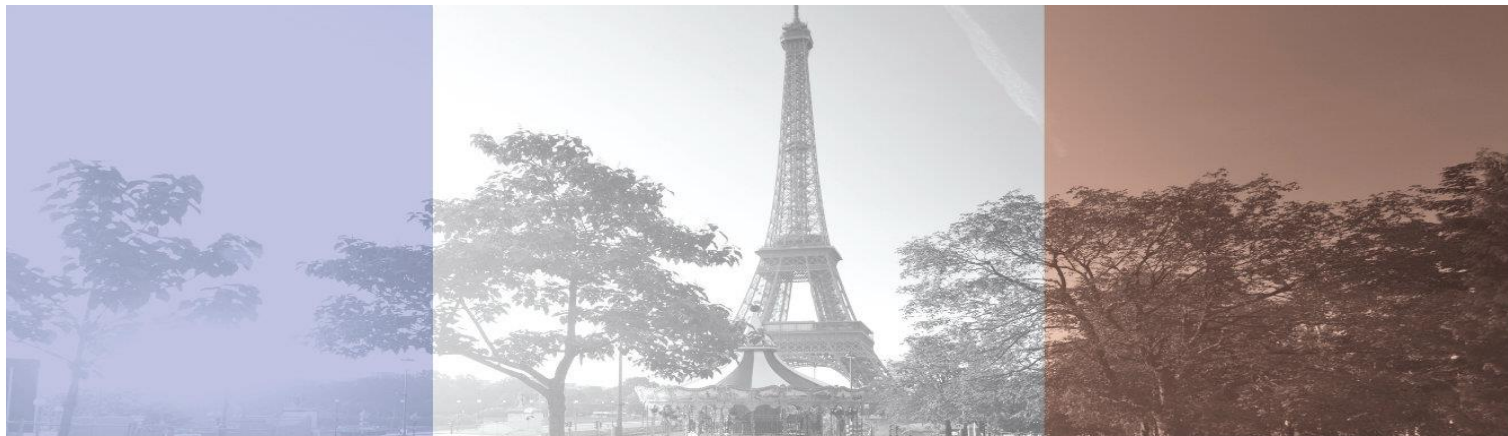
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# Paris Agreement (COP 21, 20015)



## Article 10 (para 5 and 6)

- Accelerating, encouraging and enabling innovation is critical for an effective, long-term global response to climate change and promoting economic growth and sustainable development. Such effort shall be, as appropriate, **supported, including by the Technology Mechanism and, through financial means**, by the Financial Mechanism of the Convention, **for collaborative approaches to research and development**, and facilitating access to technology, in particular for early stages of the technology cycle, to developing country Parties.
- Support, including financial support, shall be provided to developing country Parties for the implementation of this Article, **including for strengthening cooperative action on technology development and transfer at different stages of the technology cycle**, with a view to achieving a balance between support for mitigation and adaptation. The global stock take referred to in Article 14 shall take into account available information on efforts related to support on technology development and transfer for developing country Parties.



### Decision 12/CP.21 (para 5,6)

- 5. Notes that the Technology Executive Committee is to elaborate **the outline for guidance on the preparation of technology action plans**, contained in the annex to the report referred to in paragraph 4 above, and make it available in early 2016 to developing country Parties for use in informing the technology needs assessment process;
- **6. Invites the Climate Technology Centre and Network** to use the guidance referred to in paragraph 5 above when responding to requests from developing country Parties regarding the provision of **assistance to enable the implementation of the results of their technology needs assessments.**

### Decision 13/CP.21 (para 7,10)

- 7. **Underlines the need for the Technology Executive Committee, the Climate Technology Centre and Network and the operating entities of the Financial Mechanism to enhance cooperation and collaboration** with a view to enhancing the fulfillment and implementation of their respective mandates effectively, in accordance with Article 12, paragraph 4, of the Convention;
- 10. Invites the Board of the Green Climate Fund, in line with paragraph 38 of the governing instrument of the Green Climate Fund,<sup>2</sup> to consider ways to provide support, pursuant to the modalities of the Green Climate Fund, for facilitating access to environmentally sound technologies in developing country Parties, and **for undertaking collaborative research and development** for enabling developing country Parties to enhance their mitigation and adaptation action.

# GCF



Decision 3/CP.17, annex. (Governing Instrument for GCF)

- The Board shall also ensure adequate resources for capacity-building and **technology development and transfer**. The Fund will also provide resources for innovative and replicable approaches (para 38, Annex)

Strategic plan for the GCF (B12)

- **Promoting Paradigm Shift (Strategic Vision)**
  - a) Financing innovative projects and programmes, inter alia supporting the **application and dissemination of cutting-edge technologies**
- **Supporting Implementation of Paris Agreement (Strategic Vision)**
  - c) **Take** on risks that other funds/institutions are not able or willing to take, including **risks associated with deploying innovative climate technologies**

# CTCN Function (1/CP.16, para 123)



- (b) Stimulating and encouraging, through collaboration with the private sector, public institutions, academia and research institutions, the development and transfer of existing and emerging environmentally sound technologies, as well as opportunities for North–South, South–South and triangular technology cooperation;
- (d) Performing other such activities as may be necessary to carry out its functions;

# National Systems of Innovation (NSI)

## TEC Brief # 7



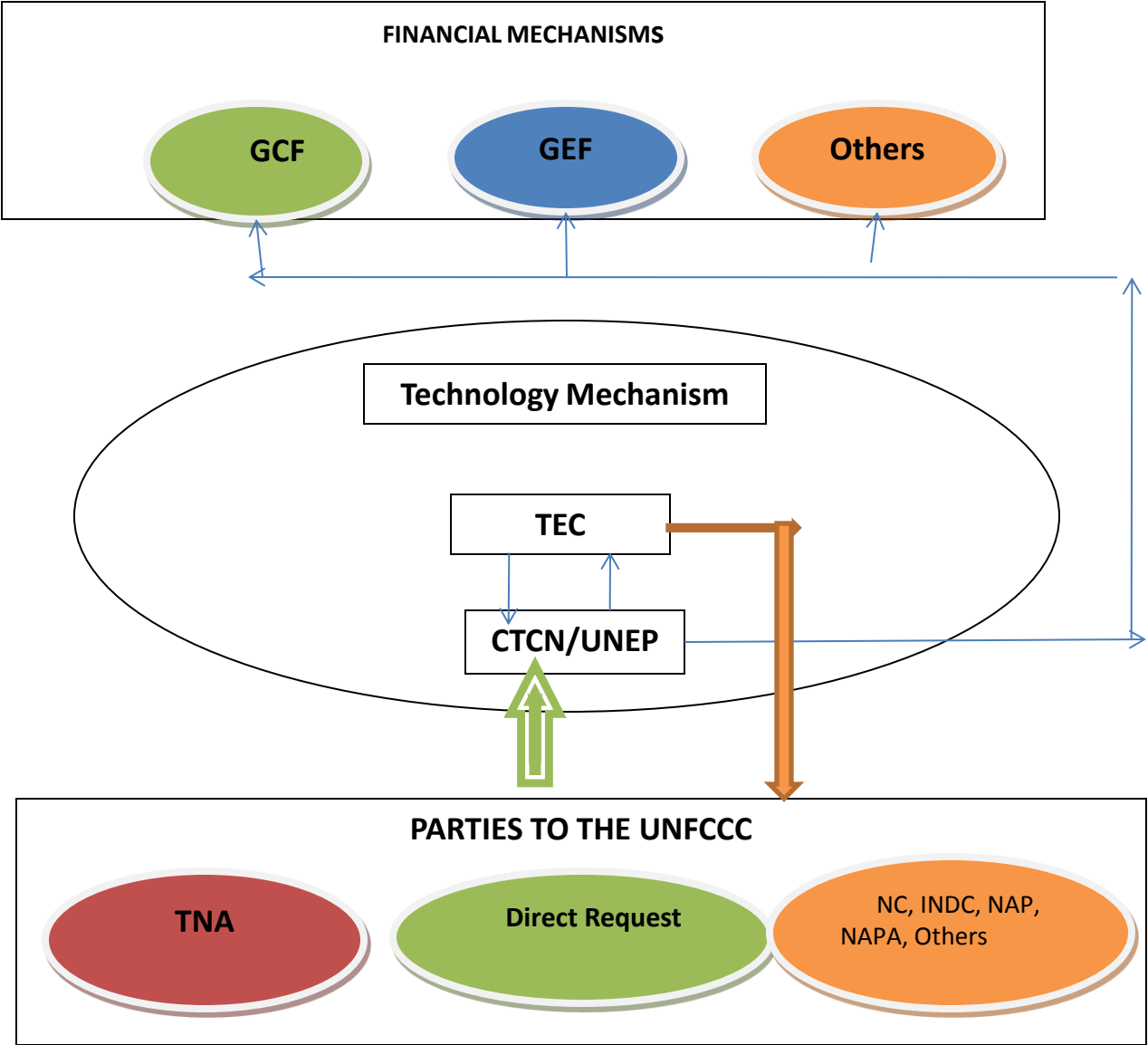
- A country's technological capabilities are determined in part by the effectiveness of its national system of innovation (NSI). An NSI is a network of actors, institutional contexts and linkages that underlie national technological development.
- We (TEC) then highlight how developed countries and the international community may work together to support these countries in strengthening their NSIs, enhancing both national climate action and sustainable development.

## National Systems of Innovation (NIS)

- **Strengthening NSIs requires three key complementary actions:**
  1. Develop the fundamental elements: (i) build a strong education system, (ii) invest in research, development and demonstration (RD&D) and (iii) implement enabling policies (including to support market creation);
  2. Focus on specific climate technologies that help to meet national climate and development priorities;
  3. Build strategic and coordination capabilities of play of national actors.

## National Systems of Innovation (NIS)

- **Developing countries are encouraged to consider how to strengthen their NSI when they undertake technology needs assessments (TNAs) and formulate technology action plans (TAPs), with a view to enabling them to achieve their specified climate technology goals and submit requests to the Climate Technology Centre and Network (CTCN).**
- **Developed countries are encouraged to highlight to the CTCN, through their national designated entity (NDE), how they could support developing countries in strengthening their NSIs.**



# Questions from RD&D TF of CTCN?

- **Why** should the CTCN intervene on RD&D? Why is it important? (other than guidance from Paris Agreement)
- **What** can the CTCN do on RD&D that is within its mandate? (share ideas, concrete examples)
- **How** can the CTCN deliver on what it was tasked in the Paris Agreement? (guidance, workshops, training NDEs on RD&D)
- **How** can the CTCN support countries effectively use financial mechanisms