

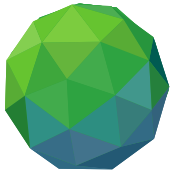
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# Update on GCF support for technology

12<sup>th</sup> meeting of the Advisory Board to the Climate  
Technology Centre and Network (CTCN)

3-5 October 2018, Vienna

Dr. Andrea Iro,  
Office of Governance Affairs, Green Climate Fund



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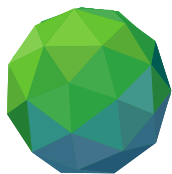
## Overview of technology related COP/Board mandates

### GCF

- **Governing Instrument, para 35/38:** GCF support for technology development & transfer
- **B.14/02:** Board confirmed GCF modalities to enable support for technology development and transfer, including for facilitating access to environmentally sound technologies and for collaborative research and development.
- **B.18/03:** ToR for a RfP to support climate technology incubators and accelerators; Board requested the Secretariat to continue collaborating with the Technology Mechanism .
- **B.19/02:** Board responded to include technology related information in annual GCF COP report.

### UNFCCC

- **Paris Agreement Article 10:** Parties acknowledged importance of technology development and transfer. Parties admitted that efforts shall be supported through financial means by the Financial Mechanism, 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.
- **UNFCCC decision 7/CP.21:** COP invites GCF to consider ways to provide support for facilitating access to environmentally sound technologies and for undertaking collaborative research and development in developing countries.
- **UNFCCC decision 9/CP.23:** COP encouraged GCF to report information on projects approved by the Board that support the innovation and/or scaling up of climate technologies.



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# GCF Engagement for Technology

**Support for technology  
through GCF Readiness  
Programme**

**Support for technology  
through projects and  
programmes**

**Technical exchange and  
engagement with  
TEC/CTCN/stakeholders**



# GCF Readiness and Preparatory Support

As at 31 July 2018:

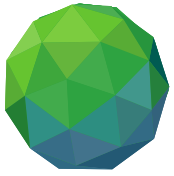
- **9 CTCN readiness requests submitted,**  
USD 2.5 million
  - **6 CTCN readiness requests approved,**  
USD 1.8 million
- 
- ✓ Technology Road Map for the Implementation of Climate Action Plans in Palestine (**Palestine**)
  - ✓ Strengthened drought and flood management through improved science-based information availability and management in Myanmar (**Myanmar**)
  - ✓ Development of an Energy Efficiency Master Plan for Tonga (**Tonga**)
  - ✓ Climate Change Vulnerability and Adaptation Study for Port of Port Louis (**Mauritius**)
  - ✓ Drought Early Warning and Forecasting System: Improving resiliency of crops to drought through strengthened early warning within Ghana (**Ghana**)





# Updated Readiness and Preparatory Support Guidebook including technology outputs

Outcomes	Outputs
<p><b>1. Relating to institutional capacity and coordination mechanisms in place to govern and coordinate climate action and finance</b></p>	<p>1.5 Effective coordination mechanism between NDA and NDE for the UNFCCC TEC and other climate finance focal points</p>
<p><b>2. Relating to Country Programming process</b></p>	<p>2.5 Appropriate climate technology solutions identified and priorities in accordance with national strategies and plans</p> <p>2.6 Feasibility of selected climate technologies for mitigation and adaption assessed and incorporated into planning processes</p>
<p><b>4. Relating to Climate finance strategies and project pipeline strengthened</b></p>	<p>4.4 Market preparation and business planning for deployment and scale-up of prioritized climate technology solutions</p>



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# Readiness and Preparatory Support Guidebook

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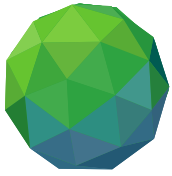
Accessing the Readiness and Preparatory Support Programme  
of the Green Climate Fund: an introduction and how-to guide



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June 2018

Available online [here](#)



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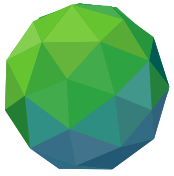
# Support for climate technology incubators and accelerators



Thematic dialogue  
Boosting climate technology incubators and accelerators in developing countries







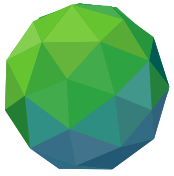
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## Support for technology through GCF projects and programmes

- Illustrative list of 11 technology related projects and programmes provided in the 7<sup>th</sup> GCF report to the COP
- **Summary:**
  - Support provided to all regions, including LDCs, SIDS and Africa
  - Projects cover mitigation, adaptation and cross-cutting activities covering results areas, such as:
    - ✓ Energy generation and access;
    - ✓ Health, food and water security;
    - ✓ Livelihoods; building, cities, and industries.
  - 3 projects finance private sector activities
  - 5 are implemented by Direct Access Entities
  - Value of 2.2 billion USD of which GCF financing totals 699 million USD







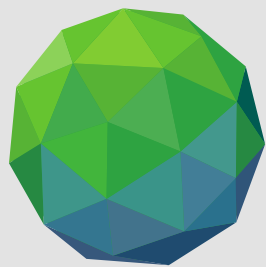
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## Collaboration between the GCF and the TEC and CTCN

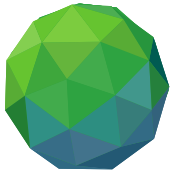
### Examples

- CTCN participation in GCF Structured Dialogue in Vietnam
- GCF participation in CTCN meeting on systems innovation in Paris
- GCF participation in the CTCN Regional Forum in Seoul
- First joint thematic dialogue on boosting climate technology incubators in Bonn including first TEC/GCF/CTCN publication
- GCF participation in TEC/CTCN side-event at SB48
- Annual meeting between GCF and constituted bodies at COP23/COP24



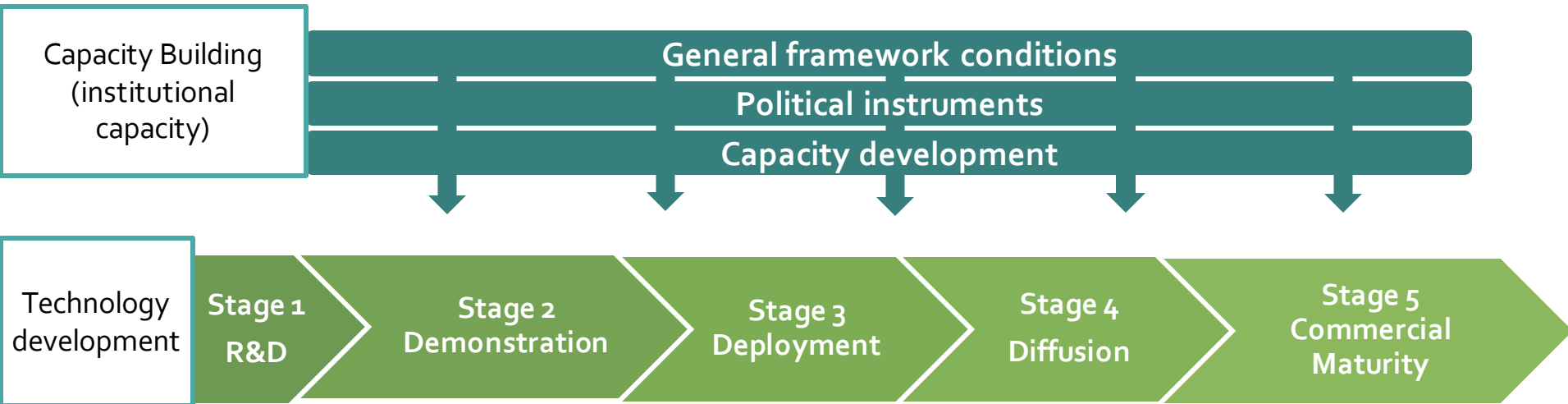


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# Technology Cycle





## GCF projects and programmes Investment Framework: Activity sub-criteria

- a) Potential for strengthened regulatory frameworks and policies to drive investment in low-emission technologies and activities, promote development of additional low-emission policies, and/or improve climate-responsive planning and development;
- b) Opportunities for targeting innovative solutions, new market segments, developing or adopting new technologies, business models, modal shifts and/or processes;
- c) Degree to which the programme or project reduces proposed risks of investment in technologies and strategies that promote climate resilience in developing countries;
- d) Contribution of the programme or project to country's priorities for low-emission and climate-resilient development and demonstration of alignment with technology needs assessments (TNAs); and
- e) Explanations of how best available technologies and/or best practices, including those of indigenous peoples and local communities, are considered and applied.