



United Nations
Framework Convention on
Climate Change

Special event and TEC Brief on innovation

Technology Executive Committee
15th meeting

Task force on innovation and research, development and demonstration

1. Mandate
2. Working paper on RD&D financing
3. Special event on innovation
4. TEC Brief
5. Next steps

1. Mandate

- Article 10.5 of the Paris Agreement notes that “*accelerating, encouraging and enabling innovation is critical for an effective, long-term global response to climate change...*”
- COP 21 requested TEC and CTCN, in supporting implementation of Paris Agreement, to undertake further work on technology RD&D
- As per 2016–2018 workplan, TEC decided to:
 - Organize a special event as part of 2017 May Climate Conference on innovation and climate change
 - Prepare a working paper on enhancing financing for RD&D of climate technologies
 - Prepare a TEC Brief on innovation
 - Prepare key messages to COP 23 on innovation



1. Mandate

TEC 14 asked taskforce on innovation and RD&D to:

- Continue to prepare the special event
- Finalize working paper on *enhancing financing of RD&D for climate technologies* and make it publicly available by May 2017
- Prepare draft TEC Brief
- Prepare draft key messages (to be discussed in agenda item 7.a)



1. Mandate

Taskforce members

TEC members

Mr. Birama Diarra, Mr. Ian Lloyd, Ms. Duduzile Nhlengethwa-Masina, Ms. Claudia Alejandra Octaviano Villasana, Mr. Michael Rantil, Mr. Kashefi Kazem, Mr. Naoki Mori, Mr. Robert Berloznik

CTCN Advisory Board

Ms. Mette Moglestue, Chair

Mr. Spencer Thomas, Vice-Chair

Observer organizations

BINGO: Ms. Mary Stewart – Sustainable Business Australia

ENGO: Mr. Dalindyabo Shabalala – Center for International Environmental Law

RINGO: Ms. Heleen de Coninck – Radboud University Nijmegen



2. Working paper on enhancing financing for climate tech RD&D

Made publicly available in May 2017. See:

http://unfccc.int/ttclear/docs/TEC_RDD%20finance_FINAL.pdf

Main sections:

1. The issue

Describes how we finance RD&D for climate technologies

2. Trends

Highlights global, regional and national trends in the financing of RD&D for climate technologies

3. Enhancing financing of climate technology RD&D

Analyses and identifies how countries and other actors may enhance this financing



3. Special event on innovation

- May 12, 2017. Bonn, Germany
- One day event, webcast, four sessions, with speakers, panel and plenary discussions
- More than 100 experts attended, representing broad range of stakeholders
- Opened by
 - H.E. Ms. Ségolène Royal, France
 - Ms. Patricia Espinosa, UNFCCC Executive Secretary
 - Mr. Michael Rantil, TEC Chair
 - Ms. Duduzile Nhlengethwa, TEC Vice-Chair



Special Event INNOVATION

Innovation to support implementation of nationally determined contributions and mid-century strategies



2. Special event on innovation

Video



<https://www.youtube.com/watch?v=UeI4nT95gT8>



4. TEC Brief on innovation

- Based on working paper on RD&D financing, special event on innovation, and other previous TEC work on innovation
- See document: TEC/2017/15/13

The brief:

- Provides insights into the power of technological innovation for accelerating and scaling up implementation of national climate actions
- Highlights key elements of successful technological innovation
- Supports national and international actors to identify ways for enabling innovation, empowering countries to realize goals of low emissions, climate resilience and prosperity



4. TEC Brief on innovation

TEC Brief highlights 10 key elements for successful technological innovation:

1. Technological innovation is central to climate action

Tech innovation plays a key role in supporting countries to implement their NDCs and mid-century strategies

2. The journey has just begun

Climate techs are being deployed on unprecedented levels, but innovation needs to be scaled up and sped up to meet Paris Agreement objectives

3. There is no “one size fits all” approach

Every country is different. This makes it difficult to identify quick fixes for enhancing innovation efforts

4. It's all about a systematic approach

Successful innovation interventions depend on a sound national system of innovation



4. TEC Brief on innovation

TEC Brief highlights 10 key elements for successful technological innovation:

5. The right push

Efforts to enhance RD&D are crucial. The national government can play a key role in stimulating private sector participation in these activities

6. Pull a boat over a mountain

Creating a demand pull goes hand-in-hand with RD&D efforts. The national government can play a role in incentivizing widespread deployment of climate techs

7. Innovation is more than technology

Innovation in financing, business models and policy mechanisms is key for leveraging full potential of climate technologies

8. It's all about people and process

To have impact, technological innovation must be inclusive



4. TEC Brief on innovation

TEC Brief highlights 10 key elements for successful technological innovation:

9. To go far we must go together

Enhancing collaborative efforts across frontiers may play an important role in facilitating large-scale deployment of low-emission and climate-resilient technologies

10. UNFCCC bodies: building coherence and synergies

The wealth of technological and financial knowledge that the UNFCCC bodies hold creates huge potential for collaboration that can affect transformational climate action



Next steps

- Taskforce to seek comments from TEC to finalize brief
- TEC to launch brief at COP 23

Expected action

- The TEC will be invited to provide further guidance with a view to finalizing the TEC Brief after TEC 15



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Thank you

Task force on innovation and research, development and demonstration