

## Concept Note for the Joint Side Event at COP27

## 6.S.6

**Partnerships for the transfer, and diffusion of transformational adaptation technologies***Saturday 12 November 2022, 17:30-18:30 Time in Egypt (GMT+2), EU Pavilion*

*To make progress on adaptation action, we need transformational adaptation, as well as strategic use of various funding windows.*

Despite the global effort on the Global Goal for Adaptation (2022-2023), the progress has been uneven and slow. Countries report growing technology needs to fulfill their national commitments and these gaps are largest among lower-income populations<sup>1</sup>. In this context, climate technology development and transfer should be considered central in countries' abilities to provide tangible and long-lasting solutions to climate change adaptation.

The Climate Technology Centre and Network (CTCN), as the implementation arm of the Technology Mechanism of the United Nations Framework Convention on Climate Change (UNFCCC), working together with a wide variety of actors, intends to take a lead role in fostering technology action for adaptation, in particular through its new [Programme of Work 2023-2027](#).

In order to enhance the speed and scale of adaptation actions, we need to direct resources to transformational adaptation technologies which can be alternatives to reactive, temporary, and ad-hoc measures. Transformational adaptation is a proactive approach that goes beyond minimizing the negative impacts of climate change by creating added value, which usually demands more fundamental changes to the existing systems. The approach requires a broader scale of partnerships and stakeholder engagement in designing solutions to address high vulnerability and risks.

The event on '**Partnerships for the transfer and diffusion of transformational adaptation technologies**' is organized jointly with the European Commission, and the CTCN to highlight solutions and initiatives that address arising adaptation needs in water, agriculture(food systems), and coastal zones<sup>2</sup>. For example, the focus will be on identifying enablers in transformational adaptation such as locally-led innovations, community-based adaptation, systems thinking, and the use of digitalization. Then the panels will discuss concrete ways forward to leverage global initiatives and strategically use various funding windows to reach full scale implementation of transformational adaptation technologies.

<sup>1</sup> Mark New et al., "Decision-Making Options for Managing Risk," in *Climate Change 2022: Impacts, Adaptation and Vulnerability. Contribution of Working Group II to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change*, ed. Hans-Otto Pörtner et al. (Cambridge University Press, 2022).

<sup>2</sup> "Priorities and Needs: Technologies for Adaptation in Agriculture, Water Resources and Coastal Zones; Including Experiences in Stakeholder Engagement and Regulatory Issues Pertaining to the Development, Transfer and Uptake of Technologies in Those Sectors. Updated Draft Technical Paper (AC22) | UNFCCC," accessed September 20, 2022, <https://unfccc.int/documents/611772>.

Table. Agenda of the Event

**Moderator:** Nicolas Galudec, EU DG CLIMA and a member of the CTCN Advisory Board

Time (60min)	Description
17:30-17:35 (5 mins)	<b>Opening and Congratulatory Remark</b> <ul style="list-style-type: none"> <li>• <i>Rose Mwebaza, Director of the CTCN</i></li> <li>• <i>Julien Harneis, Resident Coordinator from Pakistan</i></li> </ul>
17:35-40 (5min)	<b>Setting the Scene</b> <i>Jessica Troni, UNEP, Adaptation Portfolio Manager, Ecosystems Division</i> <ul style="list-style-type: none"> <li>• UNEP, The needs of adaptation technologies based on findings from the Adaptation Gap Report 2022</li> </ul>
17:40-18:00 (20 min)	<b>Implementation of Transformational Adaptation Technologies</b> Focus: Examples of innovative solutions, and approaches to meet arising needs of adaptation technologies in water, agriculture(food systems) and coastal zones Presenters : <ul style="list-style-type: none"> <li>• <i>Rajiv Garg, Africa Regional Manager of the CTCN, Examples of transformational CTCN projects</i></li> <li>• <i>Greg Sixt, Abdul Latif Jameel Water and Food Systems Lab (J-WAFS), Massachusetts Institute of Technology, Introduction on Food and Climate Systems Transformation (FACT) Alliance</i></li> <li>• <i>Reina Otsuka, Lead of Digital Innovation in Nature, Climate and Energy, UNDP, Partnerships for Digital Climate Solution</i></li> </ul>
18:00-18:05 (5min)	<b>Q&amp;A</b>
18:05-18:25 (20 min)	<b>Panel Discussion</b> Focus: What are the opportunities to work together to achieve transformational adaptation? How can we leverage ongoing global initiatives/funding windows to reach full-scale implementation? Panels : <ul style="list-style-type: none"> <li>• <i>Hyejin Lee, Climate Investment Officer of the Private Sector Facility, Green Climate Fund</i></li> <li>• <i>Gaia Larsen, Director, Climate Finance Access and Deployment, Finance Center, World Resources Institute</i></li> <li>• <i>Mahamat Abakar Assouyouli, Senior Climate Change Specialist, Adaptation Fund</i></li> <li>• <i>Matthew Sandoe, Physical Risk&amp;Resilience Workstream Lead (BNPP), OS-Climate</i></li> </ul>
18:25 – 18:30 (5 min)	<b>Q&amp;A and Closing</b>