

Overview of the work of the Technology Mechanism



Technology Mechanism (2010)

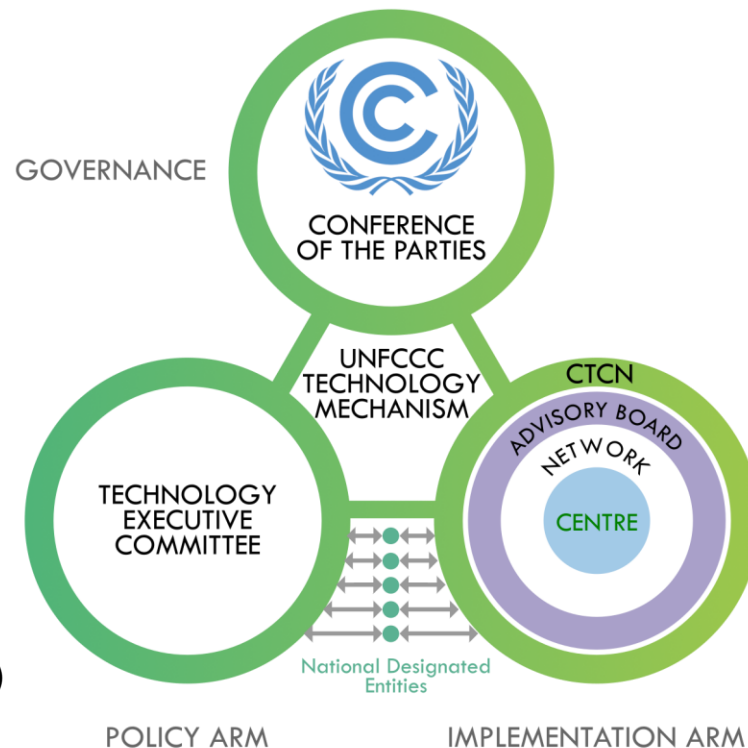
- Established by COP 16
- To enhance action on climate technology development and transfer

Technology Executive Committee (TEC)

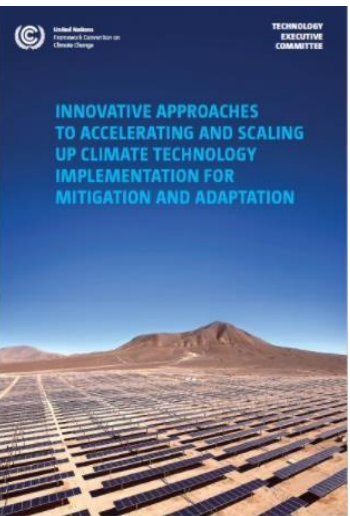
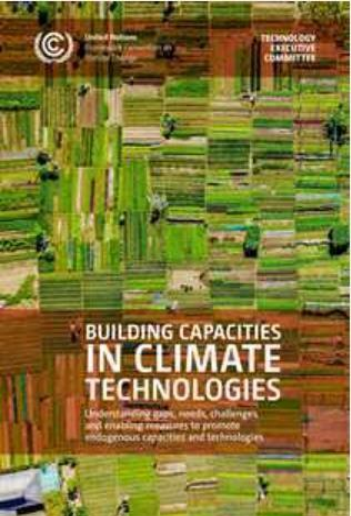
- Policy arm
- Recommends and addresses technology policy issues
- Facilitates development of technology planning tools

Climate Technology Centre and Network (CTCN)

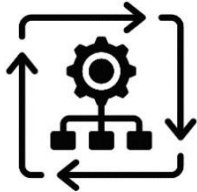
- Implementation arm
- Three core services: technical assistance, information and knowledge sharing, network and capacity-building



TEC outputs: Examples of knowledge products

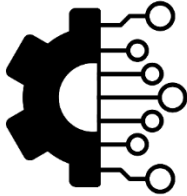


TEC & CTCN Joint Work Programme (2023-2027)



Technology roadmaps

Joint Work Programme of the UNFCCC Technology Mechanism for 2023–2027 Accelerating Climate Action through Technology Development and Transfer



Digitalization



National Systems of Innovation



Buildings and resilient infrastructure



Water-Energy-Food systems



Business and Industry



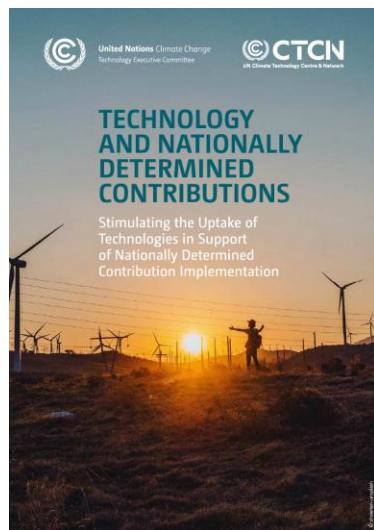
Energy systems



Technology Needs Assessment



TEC & CTCN joint publications (2021 & 2023) and AI Initiative



Technology and NDCs: Stimulating the Uptake of Technologies in Support of NDC Implementation

- Role of technology in NDCs
- Success stories of technology uptake
- Policy recommendations



Technology Mechanism Initiative on Artificial Intelligence for Climate Action

- Explore the role of AI for climate action, focus on LDCs and SIDS
- Support implementation of the JWP and TNA outcomes

