

June 30, 2023

Submission to the Global Stocktake

Means of Implementation: Technology

Note: These written messages reflect and expand upon verbal interventions made at the Technical Dialogues in Bonn, June 2023.

Key Messages

- **International collaboration is a crucial foundation** for supporting global progress through collaborative research and development, expert exchanges and learning that supports innovation.
- We do, however, also need to see a step-change requiring greater alignment in the interplay of climate technology actors across the Investment, Innovation and Implementation ecosystem.
- Given the multitude of actors in the climate technology space and the urgency to take climate action, more direct collaboration and open lines of communication between stakeholders is paramount to ensure efficiency and effectiveness.
- We should also take note of the **positive progress under the Technology Mechanism** – in particular fostering its relationship with the Financial Mechanism and supporting developing countries through accelerated access to GEF and GCF funding.
- The new Joint Work Programme of the TEC and CTCN also demonstrates a new collaborative approach that will help the bodies leverage each other's strengths to deliver stronger products and services to developing countries.
- The CTCN and TEC continue to provide support to Parties on TNAs, however, **TNAs remain underutilized** as a tool to make NDCs stronger and move towards implementation.
- The uptake of existing **technologies and continued innovation are both critical** – they are an “and”, not an “either” / “or”.
- The falling cost of existing technologies should help ensure that the attention on available technologies is not diminished.
 - o It is critical that countries consider policies and approaches that will help continue to drive down prices, such as a carbon pricing system, which is currently in place in Canada.
- Falling prices of existing technologies are insufficient without ensuring that the **right enabling environments** and investment conditions are in place. In this respect, policy and regulatory capacity building are the essential precursors to the much more costly technology investments.

- For this reason, the CTCN's capacity building services, which have become a specialty of the CTCN, are impactful despite being smaller scale.
- Regarding the role of innovation, achieving net zero emissions will require development and deployment of emerging and new cleantech solutions. Policies that foster innovation are as important as measures aimed at the deployment of existing climate technologies.
 - The International Energy Agency estimates almost half of the emissions reductions to achieve net zero in 2050 will come from technologies still at prototype or demonstration stage.
 - Innovation is not only about expensive high-tech solutions –there is an important role for community level small scale innovation within communities, often women or Indigenous-led, which is tailored to specific needs on the ground.
- On our path towards reconciliation, the Government of Canada has put in place several programs that **improve access to funding for climate technology initiatives in Indigenous, rural and remote communities** across Canada.
 - To improve access to programs, a single window was established for Indigenous communities to obtain funding and resources for clean energy initiatives to reduce reliance on diesel. This initiative was gifted the name, *Wah-ila-toos* in Feb 2023.
 - Also, with a view to address the underrepresentation of Indigenous Peoples in the Canadian cleantech sector, the Government of Canada has several initiatives, programs and services aimed at Indigenous cleantech producers.