

NDE Germany at COP23

In November, about 22,000 country delegates as well as representatives from inter-governmental and non-governmental organizations (IGOs and NGOs) gathered in Bonn to discuss global climate change policies. The NDE Germany together with the Federal Ministry for Economic Affairs and Energy (BMWi) was on-site to engage in negotiations regarding the Technology Mechanism, issues related to the Paris Agreement, Technology Development and Transfer (TD&T) of Art. 10 and connect with other countries' NDEs, public and private stakeholders.

The yearly Conference of the Parties (COP) is a one-of-a-kind meeting for decision makers and stakeholders from Annex-I and Non-Annex-I countries to cross paths, exchange opinions and reach consensus or even create new cooperation.

A special focus of this year's COP was on **Small Island Developing States (SIDS)** and **Least Developed Countries (LDCs)**. The COP23 Fiji Presidency highlighted the importance of transferring knowledge and technology to these countries and accelerate their mitigation measures, while supporting them with much needed adaptation technologies. During COP23, the Adaptation Fund received new pledges of more than USD 90m (including EUR 50m from Germany). The same amount was pledged to the Least Developed Countries Fund (LDCF).

Main issues throughout the negotiations were the implementation of the Paris Agreement, the so-called '**Paris Rulebook**'. These discussions are to be concluded during COP24, taking place from 3 to 14 December 2018 in Katowice, Poland. The Paris Rulebook includes the framework for country pledges (Nationally Determined Contributions, NDCs), reporting on adaptation, an enhanced transparency framework, and the framework on the 'global stocktake' in 2023 to review the progress towards reaching the targets of the Paris Agreement.

Regarding the Paris Rulebook, progress was made primarily with regard to the working streams on stocktake and transparency. Under Art. 10 of the Paris Agreement, **developed countries are requested to provide TD&T support to developing countries**. As part of the global stocktake it was discussed that developed countries report on TD&T provided, including TD&T on loss and damage, to identify gaps and needs for TD&T, success and failure stories, information to encourage private sector activities, to describe a Party's technology transfer strategy and to report on a tabular format on technology transfer provided.

The need for **adequate finance measures** remains of central importance. The pre-2020 action was challenged by developing countries requesting developed countries to deliver on the 2009 Copenhagen agreement to provide USD 100bn per year on climate finance. For detailed information on financial commitments by Parties, follow this [link](#).

The NDE Germany was present at the COP with the following activities:

NDE Germany Side Event: Understanding Technology Needs in the context of the Paris Agreement

On **Saturday, 11 November**, the NDE Germany hosted a side event on "*Understanding Technology Needs in the context of the Paris Agreement*" at the German Pavilion. Participants discussed the potential of bilateral cooperation within the framework of the Technology Mechanism. The panel included representatives from Sweden, Hungary, Zimbabwe and Melanesia. The NDE Germany encouraged an active dialogue and, together with Heleen de Coninck of Radboud University, addressed specific needs, concrete steps and barriers in technology transfer.

NDE Germany – Open Space for Climate Technologies

In the second week of the COP (**Sunday, 12 November - Friday, 17 November**), the NDE Germany was present with its own exhibition



space. The platform served as an information hub about the NDE Germany's activities. Throughout the week, climate technologies made in Germany were presented at the booth. On Thursday, 16 November, a short Q&A session with Prof. Dr. Guggenberger of Leibniz University of Hanover was held, allowing COP participants to directly address a German knowledge partner on [Sustainable Climate-Smart Agriculture and Land Management](#).

An overview over all technologies presented at the Open Space for Climate Technology can be downloaded [here](#).

NDE Germany Matchmaking Dinner

To bring together suppliers and consumers of climate technology, the NDE Germany hosted a **Matchmaking Dinner on 15 November 2017**. The dinner offered an opportunity for bilateral discussions with developing countries' and emerging economies' representatives on "*Understanding Technology Needs*".

Mr. Malte Bornkamm of the BMWi opened the Matchmaking Dinner formally and invited participants to share experiences and discuss cooperation opportunities for mitigation and adaptation technologies. Ms. Lidiane Rocha De Oliveira of the NDE Brazil reported on the successful cooperation between the NDEs of Germany and Brazil on electric mobility with more than 90 participants from the industry, government and institutions from both countries. Dr. Reinhold Achatz, CTO of thyssenkrupp, and Jukka Uosukainen, Director of the CTCN also contributed opening statements.

VCI and NDE Germany: Visit tour for delegates and journalists to CHEMPARK Leverkusen

On Friday, 10 November and Monday, 13 November 2017, the NDE Germany and the German Chemical Industry Association (VCI) invited COP participants to visit CHEMPARK Leverkusen. Experts from **NDE, VCI and the**

companies Covestro, Lanxess and Wacker presented climate technologies addressing carbon capture and utilisation (CCU), water treatment and renewable energies. Sara Traerup of the **UNEP DTU Partnership** spoke on the importance to include more concrete technology options in countries' TNA processes and on how TNAs can support countries' mitigation and adaptation actions.

The visit tour allowed for bilateral discussions with technology providers and experts about necessary framework conditions for technology transfer.

The highlight of the tour was a visit to a **CCU production plant** that substitutes mineral oil with captured CO₂ in production processes.

Outcomes of the Technology Mechanism negotiations during COP23

At last year's COP22 in Marrakesh, Parties adopted a five-year workplan of the Warsaw International Mechanism (WIM) further enhancing the scope of the Technology Mechanism. At the Bonn Climate Change Talks in May 2017, the Subsidiary Body for Scientific and Technological Advice (SBSTA) discussed the **scope and modalities for the periodic assessment of the Technology Mechanism in relation to supporting the Paris Agreement**. Following these decisions, main issues regarding the Technology Mechanism during COP23 were the joint annual report of TEC and CTCN and the independent review of effective implementation of the CTCN.

Particular attention was paid to **gender, endogenous technologies, including knowledge from local communities and indigenous people, and the balance between adaptation and mitigation**. TEC and CTCN were requested to monitor more closely and evaluate the impact of their work within their respective mandates within the Technology Mechanism.



COP invited the TEC and CTCN to:

- further strengthen linkages with each other as well as other constituted bodies (e.g. Adaptation Committee, WIM, etc.);
- enhance connections between the NDC processes and National Action Plans (NAP);
- strengthen linkages to the TNA processes and Technology Action Plans (TAP).

Based on the review of the CTCN, the COP requested the SBSTA at the upcoming SBI meeting to formulate a draft decision for COP24 on enhancing the performance of the CTCN. The draft decision should take the findings and recommendations of the first independent review on the CTCN into consideration. To further improve the effectiveness of the NDE network, COP encouraged those countries that have not yet nominated their NDEs to do so and to communicate the nominations through their National Focal Point to the Secretariat.

Business and Industry NGOs (BINGO)

welcomed the good foundation being built by the CTCN so far¹ and called for further involvement of the private sector, particularly in the upcoming discussions on Article 6, the Technology Mechanism and financing to reach the goals under the Paris Agreement².

Negotiations regarding the Technology Mechanism were closely followed by the NDE Germany and the BMWi. **The NDE Germany as the national focal point under the Technology Mechanism** supports the acceleration of transfer of climate technologies made in Germany to non-Annex-1-countries. At COP23, the NDE Germany actively engaged with several stakeholders to develop new cooperation and facilitate the matching of technology providers with public and private actors.

Relevant documents:

- Technology framework under Art. 10, paragraph 4, of the Paris Agreement – SBSTA Development and transfer of technologies, [FCCC/SBSTA/2017/L.22](https://www.unfccc.int/Meetings/Lists/OSPSubmissionUpload/508_379_131548_050332400245-COP_A18b_BINGO.pdf)
- Technology framework under Art. 10, paragraph 4, of the Paris Agreement – Informal note by the co-facilitators, [Version 13.11.2017](https://www.unfccc.int/Meetings/Lists/OSPSubmissionUpload/508_388_131553_031835519275-SBI_SBSTA_closing_BINGO.pdf)
- Report on the independent review of the effective implementation of the Climate Technology Centre and Network, [FCCC/CP/2017/3](https://www.unfccc.int/Meetings/Lists/OSPSubmissionUpload/508_388_131553_031835519275-SBI_SBSTA_closing_BINGO.pdf)
- TEC Brief [Industrial Energy and Material efficiency in Emissions-Intensive Sectors](https://www.unfccc.int/Meetings/Lists/OSPSubmissionUpload/508_388_131553_031835519275-SBI_SBSTA_closing_BINGO.pdf)
- TEC Executive Summaries for [financial institutions, industry actors, international organizations and policy makers](https://www.unfccc.int/Meetings/Lists/OSPSubmissionUpload/508_388_131553_031835519275-SBI_SBSTA_closing_BINGO.pdf)

For further information:

- The official [UNFCCC website](https://www.unfccc.int/Meetings/Lists/OSPSubmissionUpload/508_388_131553_031835519275-SBI_SBSTA_closing_BINGO.pdf) including a [webcast archive](https://www.unfccc.int/Meetings/Lists/OSPSubmissionUpload/508_388_131553_031835519275-SBI_SBSTA_closing_BINGO.pdf)
- Meeting reports by [IISD Reporting Services](https://www.unfccc.int/Meetings/Lists/OSPSubmissionUpload/508_388_131553_031835519275-SBI_SBSTA_closing_BINGO.pdf)
- COP23 [press release by the BMUB](https://www.unfccc.int/Meetings/Lists/OSPSubmissionUpload/508_388_131553_031835519275-SBI_SBSTA_closing_BINGO.pdf)

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¹http://www4.unfccc.int/Submissions/Lists/OSPSubmissionUpload/508_379_131548_050332400245-COP_A18b_BINGO.pdf

²http://www4.unfccc.int/Submissions/Lists/OSPSubmissionUpload/508_388_131553_031835519275-SBI_SBSTA_closing_BINGO.pdf

