

Serving the Paris Agreement: NDEs under the UNFCCC

“ Parties share a long-term vision on the importance of fully realizing technology development and transfer in order to improve resilience to climate change and to reduce greenhouse gas emissions.

(Paris Agreement Article 10, paragraph 1)

Under the Paris Agreement of 2015, the Parties to the UNFCCC agreed to submit and regularly update their ‘Nationally Determined Contributions’ (NDCs) to keep the global temperature rise well below 2°C above pre-industrial levels and to pursue efforts to limit the temperature increase to 1.5°C and to achieve net zero emissions in the second half of the century.

In many cases, international support regarding technology helps countries to achieve their national climate goals and thereby to contribute to achieving the Paris Agreement goals in mitigation and adaptation. The need for enhanced cooperation in technology transfer is emphasized in many NDCs with some countries naming specific technology needs. Already in 2010, the Parties to the UNFCCC established the Technology Mechanism to strengthen opportunities for climate technology development and transfer between industrialised countries, emerging economies and developing countries.

As the Technology Mechanism’s implementing unit, the CTCN provides networking opportunities, technology solutions, advice and capacity building to developing countries. For many countries, the support by the CTCN will advance the implementation of their NDCs.

To enable closer cooperation on technologies for energy efficient, low carbon and climate resilient development, the CTCN works closely with NDEs at the national level. NDEs serve as national contact points regarding the development and transfer of technologies needed to reach country-specific climate goals. NDEs from Non-Annex-I (mostly developing) countries can submit requests for technical assistance to the CTCN. Annex-I country NDEs are invited to contribute to this process by making available relevant information and tools and engaging institutions in their countries. As of October 2017, 158 countries have nominated their NDEs.

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Published by

NDE Germany Implementing Office
c/o HEAT GmbH
Seilerbahnweg 14
D-61462 Königstein, Germany

The NDE Germany Implementing Office works on behalf of the Federal Ministry for Economic Affairs and Energy (BMWi)



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Design

Agentur für Grafikdesign BAR-M, Berlin

Status

October 2017



The National Designated Entity of Germany

Your German focal point within the UNFCCC Technology Mechanism’s network of more than 150 countries



| The NDE Germany

The National Designated Entity (NDE) Germany is part of the United Nations Framework Convention on Climate Change (UNFCCC). Within the framework's Technology Mechanism, it serves as the first point of contact for all enquiries about technology cooperation with German companies, research institutions and the public sector. It also passes on enquiries from the Climate Technology Centre & Network (CTCN), such as requests for technical support in developing countries, to its network of partners within Germany.

The recently created web portal of the NDE Germany offers an overview of German providers of services and products related to climate mitigation and adaptation technologies and the possibility to get in contact with these providers. www.nde-germany.de

The German NDE is located in the Federal Ministry for Economic Affairs and Energy (BMWi). In 2016, the NDE Germany established an implementing office to carry out its services.

Our mission and our services

We support the development and transfer of technologies suitable to reduce greenhouse gas emissions and to adapt to climate change. We identify opportunities for international cooperation. Our work addresses both German providers of technologies and services as well as developing countries and emerging markets and specifically their NDEs.

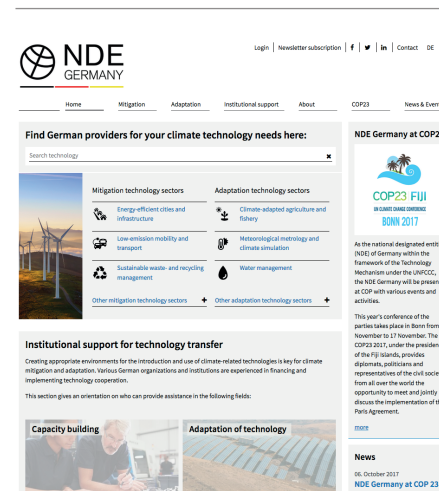
| New perspectives for international cooperation

Services and solutions for our German partners

- We liaise with other NDEs
- We provide information on projects for the development and transfer of climate technologies within the Technology Mechanism
- We provide information on developing countries' and emerging markets' technology needs
- We organise matchmaking activities as well as thematic events
- We guide you through financing institutions and programmes
- We provide contact with foreign cooperation partners

» Present your products and services in the fields of climate related technologies on our website www.nde-germany.de to reach out to developing countries and emerging markets:

To provide your own profile, create an account at www.nde-germany.de/registrierung and follow the instructions.















| Technology solutions from Germany

Our services for businesses and public authorities in developing countries and emerging markets:









- Access an overview over German initiatives and technologies for climate mitigation and adaptation on the NDE Germany website
- Get in contact with German providers of climate technologies as well as German initiatives in this field
- Cooperate with the NDE Germany on thematic events, matchmaking activities, and the development of project ideas
- Become one of the NDE's close partners and host one of the NDE's biannual matchmaking workshops on climate related technology needed in your country

| Our focus technology sectors

Adaptation to climate change

| | |
|---|---|
|  Climate-adapted agriculture and fishery |  Failsafe transportation infrastructure |
|  Climate-adapted forestry |  Coastal and flood protection |
|  Meteorological metrology and climate simulation |  Failsafe information and communication networks |
|  Resilient energy infrastructures |  Finance |
|  Water management |  Disaster Reduction |
|  Building construction |  Health |

Mitigation of greenhouse gas emissions

| | |
|--|--|
|  Low-emission power supply (on- und off-grid) |  Sustainable waste- and recycling management |
|  Energy-efficient cities and infrastructure |  Climate-friendly agriculture and forestry |
|  Low-emission mobility and transport |  Cross-sectoral interdisciplinary technologies for emission reduction |
|  Energy- and resource-intensive industries |  Other services |