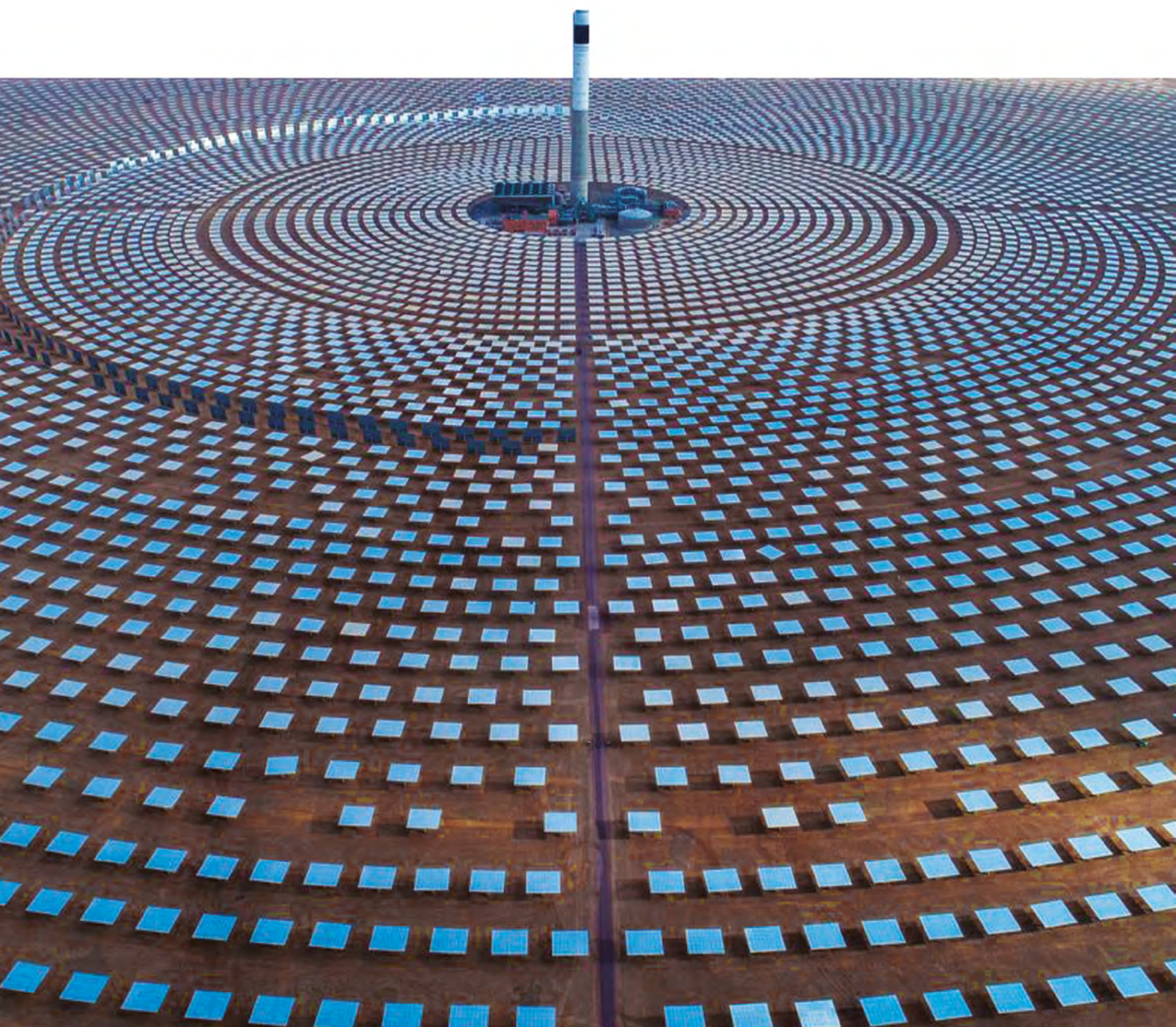


# MECHANISMS FOR TRANSFER OF CLIMATE TECHNOLOGIES



## BRIEFING PAPER





## WHAT ARE CLIMATE TECHNOLOGIES?

Climate technologies are the technologies that we use to address climate change. Climate technologies that help us reduce greenhouse gas emissions include renewable energies such as wind energy, solar power and hydropower. To adapt to the adverse effects of climate change, we use climate technologies such as drought-resistant crops and early warning systems.

There are also 'soft' climate technologies, such as energy-efficient practices or training on how to use equipment. The biggest technology investments worldwide are in: information technology, biotechnology and climate technology. Additionally, with the development of the Fourth Industrial Revolution (Industry 4.0), many information technologies have application in the field of climate change.



## WHAT IS THE TT: CLEAR TECHNOLOGY MECHANISM?

The TT: Clear technology mechanism is an instrument for transfer of technology and technological and institutional development between the member states of the UN Framework Convention on Climate Change (UNFCCC).

It was established in 2010 to facilitate the implementation of enhanced action on technology development and transfer to support action on mitigation and adaptation in order to achieve the full implementation of the Convention. The Climate Technology Centre Network (CTNC) and the Technology Executive Committee are the two main bodies of the Technology Mechanism.



## WHAT IS THE CURRENT STATUS AND FUTURE PROSPECTS OF NORTH MACEDONIA IN THE CLIMATE TECHNOLOGY CENTRE NETWORK?

The Macedonian government has **not yet** nominated a National Designated Entity under this UNFCCC mechanism for climate technology. North Macedonia can select and nominate National Designated Entity as a focal point for the UNFCCC technology mechanism through the National Focal Point to the UNFCCC.

The assessment on the [Current status of the research, development, innovation and technology transfer related to climate change in the Republic of North Macedonia](#) conducted within the Third Biennial Update Report recognised the [Fund for Innovation and Technology Development](#) as an organization that possess significant potential to serve as the National Designated Entity.





# ARE THERE OTHER MECHANISMS RELATED TO CLIMATE CHANGE AND POSSIBILITIES OF FUNDINGS?

There are many financial mechanisms that provide opportunities to support research, development, innovation and technology transfer projects related to climate change:

- EU financial mechanisms (Horizon 2020, COSME, CEF, LIFE, Erasmus+, IPA, Balkan Med)
- EU member states technical assistance and financing (GIZ, SECO, Norway grants, SIDA)
- International organizations (UNDP, WB IBRD)
- Multilateral financial institutions (GEF, GCF, EU EBRD, POND)
- USAID donor support

Additionally, [the European Green Deal Investment Plan](#), will mobilize public investment and help to access private funds through EU two financial instruments:

- Invest EU Programme - oriented towards EU Member States
- Just Transition Mechanism - oriented towards pre-accession countries

## KEY RECOMMENDATIONS

Select and nominate a National Designated Entity as a focal point for the UNFCCC technology mechanism as soon as possible. The utilization of this mechanism will have a significant, positive effect on development in the areas of environment and climate change.

Use the EU Green Deal's Investment Plan to cover the expenses of establishing and operating the National Designated Entity. The Green Deal Investment Plan foresees unlocking at least €1 trillion in investments by mobilizing public and private sources of financing.

## FOR ADDITIONAL INFORMATION

For more information regarding the current status of the research, development, innovation and technology transfer related to climate change in the Republic of North Macedonia, please refer to the following reports:

- [UNFCCC TT Clear mechanism: Summary report](#)
- [Finance, technology and capacity building needs and support received in the Republic of North Macedonia](#)
- [Current status of the research, development, innovation and technology transfer related to climate change in the Republic of North Macedonia: Rapid assessment report](#)
- [Possibilities of UNFCCC Technological mechanism for support of climate technologies](#)
- [EU financial mechanisms for research, development, innovation and transfer of climate technologies](#)
- [Climate technology for adaptation - Climate Tech](#)

Photo on the cover provided by Shandong Electric Power Construction Co., Ltd (SEPCO III) shows part of Morocco's NOOR II and NOOR III Concentrated Solar Power (CSP) project in Ouarzazate, Morocco

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