

NDCPARTNERSHIP.ORG

TECHNOLOGY NEEDS ASSESSMENTS AS INPUT TO NDCS

June 2022



THE NDC PARTNERSHIP: ACTING TOGETHER TO MEET THE PARIS AGREEMENT, ONE NDC CYCLE AT A TIME



Through the Partnership, members mobilize and access resources to gradually transition to well-established, **sustainable NDC processes** that **drive long-term**, low carbon, and resilient planning and investments



OUR MEMBERSHIP POWERING A COLLECTIVE RESPONSE

117 COUNTRIES

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Albania	Antigua & Barbuda	Argentina	Armenia	Australia	Commonwealth of The Bahamas	Bangladesh	Belgium	Belize	Benin	Bolivia	Brazil	Burkina Faso	Burundi	Cambodia	Cameroon	Canada	Central African Republic		
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Chad	Chile	Colombia	Costa Rica	Côte d'Ivoire	Democratic Republic of Congo	Denmark	Dominica	Dominican Republic	Ecuador	El Salvador	Equatorial Guinea	Eswatini	Ethlopia	European Union	FUI	Finland	France		
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Cabon	Ceorgla	Germany	Chana	Grenada	Guatemala	Guinea-Bissau	Halti	Honduras	Indonesia	Ireland	Italy	Jamalca	Japan	Jordan	Kenya	Kyrgyz Republic	Lao PDR		
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Lebanon	Lesotho	Liberia	Malawi	Maldives	Mali	Marshall Islands	Mauritania	Mexico	Micronesia	Mongolia	Morocco	Mozambique	Myanmar	Namibla	Nauru	Nepal	Netherlands		
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New Zealand	Nicaragua	Niger	Nigeria	Norway	Palestine	Pakistan	Panama	Papua New Guinea	Paraguay	Peru	Philippines	Republic of Congo	Republic of Guinea	Republic of Suriname	Rwanda	Saint Kitts and Nevis	Saint Lucia		
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Saint Vincent and the Crenadines	Samoa	São Tomé e Príncipe	Senegal	Seychelles	Slerra Leone	Singapore	Somalia	South Africa	Spain	Sudan	Sweden	Tajikistan	Thalland	The Cambla	Тодо	Tonga	Tunisia		
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Uganda	Ukraine	United Kingdom	Uruguay	United States of America	Vanuatu	Vletnam	Zambla	Zimbabwe						*Flags might not be yet updated					



OUR MEMBERSHIP POWERING A COLLECTIVE RESPONSE

48 INSTITUTIONS



36 ASSOCIATE MEMBERS





TECHNOLOGY REQUESTS WITHIN THE PARTNERSHIP

Altogether, 93 technology implementation requests from 25 countries

- ½ of them include both mitigation and adaptation components,
- 1/3 of them include only mitigation components
- Strong focus on energy





HOW DOES NDC PARTNERSHIP WORK RELATE TO TNAS? POLICY PLANNING

- Promotion of:
 - whole-of-government approach: engaging different ministries, local governments, and sectors, and
 - whole-of-society approach: engaging local actors, private sector, civil society, women, and youth
- Alignment of different plans, and mainstreaming of climate into national development plans





ALIGNING NDC, TNA AND OTHER PLANS SOME EXAMPLES OF THE PARTNERSHIP APPROACHES

- Jamaica (supported by CTCN):
 - Analysis of **existing plans and strategies**, incl. NDC, TNA, and other national plans
 - Identification of national technologies priorities in Water, Agriculture and Fisheries, Energy, Human Settlements, and Infrastructure, and Waste
 - Recommendations to implement the three-year plan of The National Science, Technology, and Innovation policy in line with the country's <u>Climate Change Research</u> <u>Agenda for 2020-2030</u>.
- Nepal: Update the TNA report to establish linkage to NDC while rolling out the Technology Action Plan at the Municipality level
- **Uganda**: developing projects based on the updated TNA, and more specifically, encourage:
 - The adoption of new technologies identified in the TNA by the **private sector**,
 - **Public and private companies** plan to reduce emissions and invest in low-carbon technologies from the 2017 baseline



ENGAGING NON-STATE ACTORS SOME EXAMPLES OF WHOLE-OF-SOCIETY ACTION (NDC ENHANCEMENT)

- **Rwanda**: capacity building on how to **unlock private sector investment in the NDC**, e.g., outlining the role of project developers and technology providers in the design of GCF projects and what is needed to further encourage low-carbon technologies to take-off
- Belize: initial assessment of the resources, including technologies, needed for implementing priority activities,
- Nigeria: development of a comprehensive TNA and action plan aimed at conducting a categorization and prioritization of technologies that will comply with the NDC (supported by CTCN).



MAINSTREAMING TNAS INTO NDCS MORE SUGGESTIONS

- Use NDCs (and LTS) as tools to align different national plans
- Include the major elements of the TNAs in the relevant parts of the NDCs
- Make sure that the NDC development takes into consideration the TNAs
- Ideally and when possible, NDCs should include costing and pricing of the technology needs
- Use TNAs as a tool to engage with non-state actors







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