



7.1

Update on joint outreach & engagement with partners and technology stakeholders, and private sector

Rajiv Garg

Director of the CTCN a.i.

Joint TEC-CTCN Session

Friday, 22nd September 2023



Gender and Climate Technology Expert Roster



Landing page & database



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Networking & Collaboration

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[Gender and climate Technology Expert Roster](#)

[Network](#)

[Join the Network](#)

[Collaboration](#)

Gender and Climate Technology Expert Roster

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[Join now](#)

Filters

Sector of expertise

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Technology

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Country

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Projects

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Network

Select

Search for experts

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Showing 16 of 361 results

Sort by

John Doe

Sector(s) of expertise: Agriculture, Coastal Zones, Renewable Energy, Energy Efficiency, Human Health
Country: France
Relation to CTCN: Network Member

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- Design and develop the landing page and database
- Develop visual/graphic ideas for the launch and promotion of the online campaign
- Design and layout and templates for social media cards
- Design infographics

Update on joint outreach & engagement #AI4ClimateAction



Artificial Intelligence for Climate Action is gaining momentum
 Objectives: Innovation, Mitigation
 Topics: Artificial Intelligence, Early warning and Environmental Assessment, Energy efficiency, Green economy
 Dates: 2023-2024
 Publication date: Thursday, June 23, 2023

Item 13 Item - Artificial Intelligence for Climate Action - an initiative of the UNFCCC Technology Mechanism Technology Executive Committee (TEC) and the Climate Technology Centre & Network (CTCN) was officially launched during a side event at the 2023 Bonn Climate Conference.

Early in May, the UNFCCC published a report on the progress of AI for Climate Action, highlighting the potential of AI for climate action and the environmental challenges by linking AI emerging technologies and applications.

Artificial intelligence (AI), as an integral part of the digital revolution, is an enabler across all the sectors of transformation, from energy, food, water, health, industry, infrastructure, sustainable mobility, transport, and business & society.

AI has proven crucial across different applications ranging from transforming energy systems through enhanced smart grids, to enabling more effective disaster risk reduction and enhanced early warning systems, and tailoring the resilience of agricultural communities by improving accuracy and access to weather forecasts for crop management.

During the upcoming Regional Climate Action, the CTCN will call for AI4ClimateAction initiatives and content a high-level report on Artificial Intelligence for Climate Action for public officials, business and experts from businesses and civil society at COP28 in Dubai. The results of AI4ClimateAction will be published in the form of a report.

The initiative will publish information on climate solutions powered by artificial intelligence and increase awareness and build local capacities, while also identifying risks, challenges and opportunities for the most vulnerable communities.

"I would be proud to utilize technology on the frontlines of the global community's response to the climate crisis," said Eun-Rae, member of the Technology Executive Committee and Chair of the Advisory Board of the Climate Technology Centre & Network.

In partnership with the TEC (the UNFCCC's joint UN Early Warning for All Initiative (EWALL)) and has been working closely with the Intergovernmental Group on Earth Observations and other implementing partners to contribute to EWALL's collective global effort.

The initiative will publish information on climate solutions powered by artificial intelligence and increase awareness and build local capacities, while also identifying risks, challenges and opportunities for the most vulnerable communities.

TEC and CTCN are inviting organizations to join #AI4ClimateAction and work together through partnerships with the UNFCCC and as members of the CTCN network.



Opportunities

Call for Experts
 Radio-Internet climate technology for agricultural resilience, in [Tanzania](#)
 Deadline: 14 July 2023
[Apply now](#)

Call for Experts
 Real-time mapping of flood risk based on rainfall forecasts, remote sensing, and deep learning, in [India](#)
 Deadline: 17 July 2023
[Apply now](#)

News

Artificial Intelligence for Climate Action is gaining momentum
 "Powerful and rapidly evolving technology can strengthen the effectiveness of the global climate response."
 Read more

Emerging Energy Solutions for Climate Action: Green Hydrogen
 "When it comes to energy systems, transformation and energy systems resilience, being able to make informed choices, with the best available science, data and knowledge is the only way to make future-proof decisions for our communities."
 Read more

Mark your calendar

United Nations Climate Technology Centre & Network (CTCN)
 2,403 followers
 Q: Can Artificial Intelligence propel climate action for system transformation?
 A: Yes, it already does. And yes, we have only scratched the surface of what AI can do for climate action.
 Q: Want to learn more?
 A: Join us tomorrow at "Exploring the use of Artificial Intelligence for Climate Action in Africa" with UN Climate Change TEC & CTCN.
 8 Sept. 9-11:00 EAT
 Live streaming: <https://lnkd.in/g/e8cuZvV>
 More info: <https://lnkd.in/g/4G3Rjg>
 #AI4ClimateAction #AIForGood
 AI for Good, Global Partnership for Sustainable Development Data, UN Environment Programme, International Telecommunication Union, COP28 UAE

TEC
 UNFCCC Technology Executive Committee (TEC) dialogue on
Exploring the use of artificial intelligence for climate action in Africa
 as part of efforts under the Technology Mechanism Initiative #AI4ClimateAction
 Friday, 8 September 2023, 9:00 - 11:00 (GMT+3)
 Nairobi International Convention Center, Nairobi, Kenya

United Nations Climate Technology Centre and Network (@UNFCCC_TEC) · 18 Jul
 "Powerful and rapidly evolving technology can strengthen the effectiveness of the global climate response."
 #AI4ClimateAction

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Call for Experts: Simple mobile technologies to scale up digital collection and processing of climate observations for adaptation in Malawi

The CTCN is seeking qualified interested firms in our Network to participate in the upcoming solicitation for the provision of technical assistance for using simple mobile technologies to scale up the digital collection and processing of climate observations for adaptation actions in Malawi. Deadline: 29 May 2023. Click [here](#) to learn more.

News & Opportunities

Artificial Intelligence for Climate Action: an initiative by the UNFCCC Technology Mechanism. Click [here](#) to learn more.

Green Technology Book: Call for Climate Change Mitigation Technologies. Click [here](#) to learn more.

Solomon Islands gears up for e-bus project with Commonwealth support. Click [here](#) to learn more.

KOICA-INU's Climate Training Program fosters endogenous capacity of developing countries and RD&D collaboration. Click [here](#) to learn more.



#AI4ClimateAction
 16 August 2023

Working on AI for Climate Action?
 Share Your Expertise on AI for Climate with Us!
 In preparation to the official launch the TEC-CTCN common initiative **Artificial Intelligence for Climate Action #AI4ClimateAction**, during COP28, CTCN is running a knowledge and resource mapping exercise among the climate technology community to understand the breadth of AI-based climate applications, and the current community's capacity and expertise. Share your work and climate solutions leveraging AI by clicking the button below by **Monday 28 August, 2023**.

[Share your AI solution for climate action](#)

Calls for Experts
Formulating a Grid Code and Developing a Net Metering Policy in Timor-Leste
 Deadline: 1 September 2023
[Apply now](#)

News
Embracing SF6-Free Technologies: Paving the Way to Net-Zero Energy Systems
 "Achieving a NetZero-SF6-free future"



Bonn Climate Change Conference, Technology Events

- Technology Needs Assessment in discussion with financial actors**
 Roundtable hosted by TEC in collaboration with UNEP-CCC
 Tuesday, 06 June 2023 | 13:15-14:30 (CEST)
 World Conference Center, Meeting Room Bonn
[Agenda and updates](#)
- Accelerating climate innovation and technology in the water-energy-food systems for inclusive NDC and NAP implementation**
 Dialogue hosted by TEC in collaboration with FAO, with contributions from UNIDO
 Thursday, 08 June, 09:00-12:00 (CEST)
 Langer Eugen Building, LE 2312, UN Bonn Campus
 Register [here](#), for more information click [here](#).
- Developing & strengthening national systems of innovation to drive climate action**
 Launch of the *Artificial Intelligence for Climate Action* initiative
 Discussion hosted by TEC and CTCN
 Saturday, 10 June 2023 | 14:45-16:00 (CEST)
 World Conference Center, Meeting Room Bonn
[Agenda and updates](#)

Joint communications and engagement with stakeholders



Participating & promoting events organized by the TEC and CTCN



Looking forward to today's session "UNFCCC – Synergies between financial mechanism & technology mechanism" during the 2023 Green Climate Fund #GCF Private Investment for Climate Conference.

The session will serve as a platform for targeted and technical discussions, highlighting the crucial role of the private sector in the development, transfer, adoption, and diffusion of #climatetechnologies.

The private sector can strengthen linkages and coherence between various climate actions mobilized under the UN Climate Change #FinancialMechanism and #TechnologyMechanism.
<https://lnkd.in/eMPPMxDUG>

Hansol Park • Following
 Climate Policy and Governance Specialist at the Green Climate Fund
 2w • Edited

Exciting News! On behalf of the Green Climate Fund, I'm thrilled to announce an upcoming session focusing on the pivotal role of the private sector in championing climate technologies at the 2023 GCF Private Investment for Climate Conference in Nairobi: "UNFCCC – Synergies between the Financial Mechanism and the Technology mechanism"

This gathering at GPIC represents the third in a series of meaningful dialogues that the GCF has had the privilege of co-organizing this year with our esteemed partners from the technology mechanism.

16:45-17:40 EAT PLENARY SESSION 2.4

UNFCCC—Synergies between financial mechanism & technology mechanism



From solar farm to table, in Liberia improved solar powered irrigation practices are securing lowland rice production

In Liberia, farmers agriculture has always been the employment option to secure food and livelihoods, especially for the production of rice, Liberia's main staple food. Recent changes in climate and weather seasonality, exacerbated by other floods or droughts, are calling for innovative solutions to secure the livelihood of Liberian farming communities as well as increase production to respond to the heavy dependence on imported staples, which makes the Liberian basic vulnerable to global market price shocks.

Can the adoption of Affordable Irrigation and Drying (AID) technology and water management techniques create resilient agriculture, cater to the national market, and pave the way to sustainable development?

Calls for Experts

Multi-sector mapping and research on food security risk due to the impacts of climate change in rural and urban environments in Jamaica
 Deadline: 20 September 2023

News

Water-Energy-Food Nexus in Africa: A path to sustainable development

"The Water-Energy-Food Nexus holds significance for regional cooperation and security. It is particularly crucial in addressing regional vulnerabilities stemming from population growth and climate change impacts, among other factors."

Bahinda Hens, CEO, One World - South Africa

Climate Technology and Climate Finance: Stronger Together

"The interconnection between climate finance and climate technology is essential. For countries considering accessing the GCF's Readiness Support grant, it is strongly recommended to increase GCF's and feasibility, emanating from the full solutions, from the sectoral angle, leading to stronger confidence across national climate actions."

Hansol Park, Climate Policy and Governance Specialist, GCF

New on the shelf

Harnessing National Systems of Innovation for Climate Action

"The Paris Agreement is clear on the critical role of accelerating, encouraging and enabling innovation for an effective long-term global response to climate change and promoting economic growth and sustainable development. The latest report of the UN's Intergovernmental Panel on Climate Change also emphasizes the importance of a systemic view of innovation."

Stig Svenningsen, Chair of the UNFCCC Technology Executive Committee

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Read more

workshop
CTCN Regional Forum of the NDEs to the Technology Mechanism (3 days workshop)
 5 - 7 September 2023
 Nairobi, Kenya

Leveraging UNEP channels

Overview

Date: Tuesday 5, Wednesday 6, Thursday 7 September 2023

Time: All Day

This is a 3-days closed doors workshop, taking place during the Africa Climate Week 2023.

The CTCN's annual Regional Forum for National Designated Entities (NDEs) is back, and this year it's bringing a new perspective. Built on CTCN's mission, the Forum's discussions and activities will be aligned with the five strategic system transformation areas of the current Programme of Work (PoW):

- Water-Food-Energy Nexus
- Building and Infrastructure
- Sustainable Mobility
- Energy Systems
- Business and Industry

Promoting TEC work on NSI



The 21st CTCN Advisory Board Meeting kicked off with the joint TEC-CTCN meeting. Talking the talk AND walking the walk on the 2023-2027 Joint Work Pro ...see more



with Erwin Rose and 2 others
 4 comments • 13 reposts

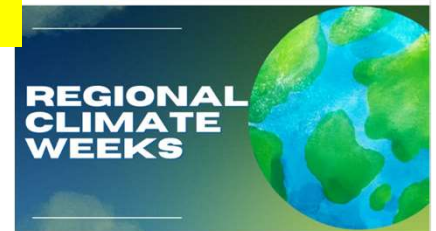


Four Regional Climate Weeks will be held this year to build momentum ahead of the UN Climate Change Conference COP28 UAE in Dubai and the conclusion of the first global stocktake, designed to chart how to fulfill the Paris Agreement's key goals.

- ✓ 4-8 September, Africa Climate Week (ACW 2023), Nairobi, Kenya
- ✓ 8-12 October, Middle East and North Africa Climate Week (MENACW 2023), Riyadh, the Kingdom of Saudi Arabia
- ✓ 23-27 October, Latin America and the Caribbean Climate Week (LACCW 2023), Panama City, Panama
- ✓ 13-17 November 2023, Asia-Pacific Climate Week (APCW 2023), Johor, Malaysia

<https://cutt.ly/DwsvhK8a>

UN Environment Programme



Joint communications and engagement with stakeholders



Bonn Climate Change Conference

Bonn Climate Change Conference (SB58)

- Technology Needs Assessment in discussion with financial actors
- Accelerating climate innovation and technology in the water-energy-food systems for inclusive NDC and NAP implementation
- Developing & strengthening national systems of innovation to drive climate action
- Launch of the Artificial Intelligence for Climate Action initiative

Joint engagement with stakeholders at 2023 ACW:

- UNFCCC – Synergies between the financial and technology mechanisms, GCF Private Investment for Climate Conference 2023
- Exploring the use of artificial intelligence for climate action in Africa, Africa NDE Forum
- Developing and strengthening national systems of innovation to drive climate action, Africa Climate Week



Bonn Climate Change Conference, Technology Events

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Developing & strengthening national systems of innovation to drive climate action
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[Agenda and updates](#)

For news & updates on the Bonn Climate Change Conference - Technology Events - join the [UN Climate Change Technology Centre Group](#) #TechnologyMechanism #TEC

SAVE THE DATE | REGIONAL CLIMATE TECHNOLOGY EVENTS

Africa National Designated Entity (NDE) Forum 2023
 5-7 September
 CTCN will convene the regional forum on **System Transformation through Climate Technology Transfer**
 UN Campus (UNON), Nairobi

GCF Private Investment for Climate Conference 2023
 5 September
 16:45 - 17:45 (GMT +3)
 GCF will convene a plenary discussion **Synergies between finance and technology under the UNFCCC**
 Movenpick Residences Nairobi

2023 Africa Climate Week
 8 September
 09:00-11:00 (GMT +3)
 12:30-14:30 (GMT +3)
 TEC will host the discussions on **Exploring the use of artificial intelligence for climate action in Africa**
 TEC in collaboration with the CTCN will convene a dialogue **Developing and strengthening national systems of innovation to drive climate action**

NDE forum



Africa Climate Week 2023

Date: 04 September 2023 - 10:00 am - 08 September 2023 - 6:00 pm EAT

The 2023 edition of the Africa Climate Week (ACW) will be held from 4-8 September 2023 in Nairobi, and hosted by the government of Kenya. ACW 2023 will be organized in parallel with:

- The Africa Climate Summit, 4-6 September 2023
- The Africa National Designated Entity (NDE) Forum 2023, System Transformation through Climate Technology Transfer, 5-7 September 2023
- GCF Private Investment for Climate Conference 2023, From investment to impact, 4-5 September 2023

The Technology Mechanism will be leading and contributing to several sessions, and will be available for bilateral and multilateral meetings throughout the week.

You can meet them at:

- UNFCCC – Synergies between the financial and technology mechanisms, 5 September 2023, 16:00 – 17:15, (GMT +3), GCF Private Investment for Climate Conference 2023
- Exploring the use of artificial intelligence for climate action in Africa, 8 September 2023, 9:00-11:00, (GMT +3) Africa Climate Week
- Developing and strengthening national systems of innovation to drive climate action, 8 September 2023, 12:30 - 14:30, (GMT +3) Africa Climate Week.

The Africa National Designated Entity (NDE) Forum 2023

System Transformation through Climate Technology Transfer, 5-7 September 2023

CTCN organizes Regional Forums for the National Designated Entities (NDEs) on an annual basis, gathering together NDEs, selected AB and TEC Members, network members, and other stakeholders. This year, CTCN has structured its regional Forums according to the five system transformation areas of the CTCN 3rd Programme of Work [\(S2\)](#).

1. Water-Food-Energy Nexus
2. Building and Infrastructure
3. Sustainable Mobility
4. Energy Systems
5. Business and Industry

And two enablers for system transformation:

1. National Systems of Innovation
2. Digitalisation

First of the series, the Africa NDE Forum's programme includes:

- CTCN and TEC activities and outlook for 2023-2024
- Case studies across all five system transformation areas and two enablers
- A special session on Artificial Intelligence for Climate Action #AI4ClimateAction
- A deep dive on Project pipeline, including Planned Multi-country and Programmatic Regional Technical Assistance projects

The agenda is available [here](#) [\(S2\)](#).

TEC-CTCN Channels



<https://www.ctc-n.org/>

https://twitter.com/UNFCCC_CTCN

<https://www.facebook.com/UNFCCC.CTCN>

<https://www.linkedin.com/company/climate-technology-centre-network>

https://www.youtube.com/@UN_CTCN

<https://www.ctc-n.org/newsletter/signup>

<https://unfccc.int/ttclear>

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CTCN Secretariat
UN City, Marmorvej 51
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www.ctc-n.org
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