

CLIMATE TECHNOLOGY CENTRE & NETWORK

CTCN

Collaboration & Outreach: CTCN Youth and Gender Engagement

Karina Larsen, CTCN Knowledge &
Communications Manager



Technology Framework: Collaboration and stakeholder engagement

“Collaboration with and engagement of stakeholders will **enhance interaction between those involved in the development and transfer of climate technology and help to share knowledge and mobilise support.** In this context, stakeholders will provide important input to the work of the Technology Mechanism.

Therefore, the **Technology Mechanism shall work in an open and inclusive, including gender-responsive, manner** whereby stakeholders are invited to participate and actively engage. Collaboration with and engagement of stakeholders **should take place at different stages of the technology cycle.**”

Context: Youth and technology

- There are over **1.8 billion young people** in the world today, **90 percent** of whom **live in the global South**
- Globally, there are **71 million unemployed youth**
- Technology offers an opportunity to leap frog to the **4th Industrial Revolution** but also requires **pro-active skills transformation** to build workforce capability for the near future.
- Young people are more prepared for the rapid technological advances that are changing the way we live and work. The most important factor for youth employment, according to young people, is a strong start-up ecosystem.
- AND youth stand to be **most affected by climate change**
- **Climate change technologies can address two major challenges** of our time: how to **limit climate change** and environmental degradation, and how to **foster development and decent work opportunities**.

CTCN Youth Climate Innovation Labs



Goal: To foster endogenous technology innovation for enhanced climate change action.

How: Pair young innovators together with local SMEs and innovation mentors to utilize design thinking tools to create new solutions.



CLIMATE INNOVATION LABS Africa and Asia Pacific

Creating technology solutions for enhanced climate action

[Apply Now](#)

By 5 November 2020

Organized by:



* seedstars



Supported by:



Climate Youth Innovation Lab in Asia-Pacific



240+ applications



29 mentors



117+ Selected attendees



18 teams created



from 23 countries



4 themes



41% Gender Diversity
Female: Male ratio



7 selected teams

#ClimateInnovationLabs

Organized by:



Supported by:



Climate Innovation Academy

11 startups were selected to participate in the Youth Innovation Academy to incubate their solutions

CLIMATE INNOVATION ACADEMY

Creating Technology Solutions for Enhanced Climate Action

Meet the speakers at the opening session | 8 FEBRUARY, 2021



Cecilie Waagner
Artificial Intelligence Artist,
Artificial Mind



Dr. Rose Mwebaza
Director of the Climate Technology
Centre and Network (CTCN)



Meropi Paneli
Senior Policy and
Programme Advisor, EU



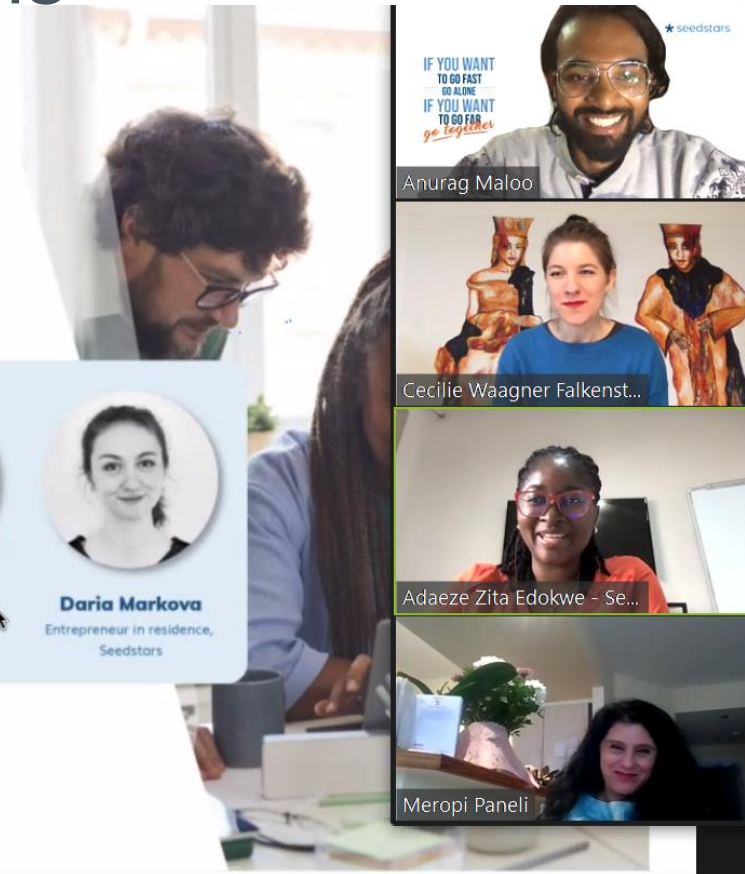
Karina Larsen
Knowledge, Communications
and Gender Manager, CTCN



Anurag Maloo
Head of Partnerships
(Asia-Pacific), Seedstars



Daria Markova
Entrepreneur in residence,
Seedstars



Selected startups in Asia-Pacific

- **The Last Mile** - Solves challenges in last mile distribution of COVID-19 vaccines by providing a portable, hybrid-powered storage container that meets the technical requirements to safely store the vaccinations.
- **CAPI** - A platform that acts like [Stripe](#) for carbon offsets.
- **Farm-In-a-Box** - Addresses challenges faced by novice growers by providing them starter kits, which can be progressively updated as they learn more.
- **BioSol** - Solves the improper disposal of used cooking oil (UCO) by fast food chains and restaurants by buying the UCO from them, converting it into biofuel and selling the biofuel to petrol pumps and office complexes to be blended with diesel.
- **Organica** - Installs decentralized organic waste-to-compost units that would help housing areas manage their waste, thereby abiding by rules and also reducing the waste load on landfills and the government.
- **Nirwallna** - Turns urban heat islands into refreshing greeneries through effective green walls and green spaces.
- **Space_era** - Provides sustainable and climate responsive refugee shelters.

Presentation of climate technology start ups

- Investors, partners, mentors, etc.
- Presentations, business plans and networking
- CTCN support for feasibility studies, piloting

YOUTH CLIMATE INNOVATIONS LAB DEMO DAY

Meet the most promising startups creating technology solutions for enhanced climate action across Africa and Asia-Pacific.

Date: **22 APRIL, 2021**
Time: **11:30AM CET**



Gender-Just Climate Solution Awards

- The Paris Agreement recognizes that the most successful and sustainable solutions are inclusive, taking into consideration the needs and skills of many stakeholders.
- CTCN aims to support the upscaling and replication of such solutions so they can lead the way to more ambitious and transformative climate policies and programmes nationally and internationally.
- CTCN & the UNFCCC Women & Gender Constituency host awards to recognize climate change solutions which have a strong gender component
- Winners receive a grant, capacity-building, & individual mentoring to upscale solutions
- 70% of participants are able to access funding to up-scale or replicate solutions.



Asia-Pacific Award Winners

GENDER DEVELOPMENT ASSOCIATION bridged women’s traditional harvesting practices with sustainable livelihood initiatives in marginalized ethnic groups of Laos’ northern uplands, a high risk landslides area. Key policies for rehabilitating women’s ancestral knowledge on foraging Non-Timber Forest Products to preserve biodiversity and improve food security were identified. The association built women’s capacities to develop income generation activities, enhance their family’s financial security and become leaders. This strengthened women's inclusion in community decisions, as well as their influence in national climate policy.



TRANSFORMATIVE OUTCOMES



50 women benefit from ToT programme and contribute to improved livelihoods for 4,500 people



Rising contribution of women to governance structures



Contribution to the decree on equal opportunities for ethnic groups



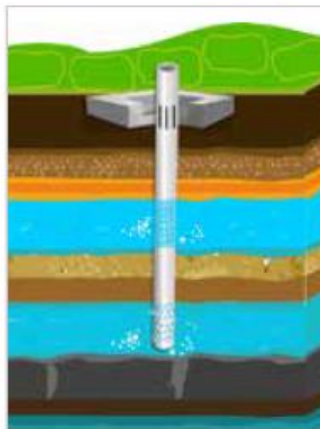
Food and income security through sustainable NTFPs



Mitigating the risk of natural disasters and preserving natural resources

Asia-Pacific Award Winners

Bhungroo©, a rainwater management technology developed locally and widely disseminated by a social enterprise, saves farmers' crops from flooding during monsoons and ensures adequate irrigation during dry seasons. It has brought back two harvests per year on farmland depleted by salinity and droughts in the Gujarat State. The co-ownership model, based on women self-help groups, and governmental support has ensured food security for over 50,000 women farmers in seven provinces and prevented rural-to urban labor migration. Trained Women Climate Leaders (WCLs) promote the technology as paid experts. Bhungroo© has been adopted in Vietnam, Bangladesh and Ghana.



TRANSFORMATIVE OUTCOMES



Food security and sustainable livelihoods for 50,000 marginalized farmers



From local to global: 32 franchises established in 5 countries, with a goal to reach 5 M. beneficiaries



Reduction of extreme poverty: family income raised by up to 500% in 5 years



Coastal zones adaptation and water protection model



Over 8,800 acres of agricultural land irrigated without over-exploiting groundwater



121 trained Women Climate Leaders

Next Gender-Just Climate Awards

Deadline for applications 31 July, 2021:

- Please share the information with organisations working on climate change and gender
- For more information, visit www.ctc-n.org





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