

ASIA CLEAN ENERGY FORUM 2019

PARTNERING FOR IMPACT

17-21 June 2019 | Manila



Deep Dive Workshop

Monday, 17 June 2019, 4:00 p.m. – 5:30 p.m.

Auditorium A

Youth for Asia Voltage Tank



Point of Contact:

Ria Madan, ADB Youth for Asia

riamadan11@gmail.com

Background

The Sustainable Development Goals (SDGs) are to be achieved by 2030, and by this time an additional 1.9 billion children will enter their youth by turning 15. With a growing understanding of the integral role that youth-led solutions can play to tackle the SDGs, efforts are being made to provide platforms for youth to scale and replicate these innovative solutions.

Furthermore, there is increasing awareness of the need for meaningful youth participation in the dialogue of SDG 7 – Affordable and Clean Energy. At the UN led SDG 7 High-Level Political Forum on Sustainable Development there was strong emphasis on the need to tap into innovative and fresh ideas from youth.

ADB Youth for Asia is a core youth team, housed under the NGO and Civil Society Centre at ADB, working to increase meaningful youth participation in ADB operations.

Objective

ADB Youth for Asia is organizing a capacity building workshop for young people with an educational/professional background in the energy space. The workshop, run by the STEAM team from KMUTT Thailand, is designed to empower young people in building a more sustainable future.¹ The **“Crash Course – Sustainable Energy and Entrepreneurship”** will focus on the lifecycle of specific projects and how to make them greener and more “intelligent,” relating the energy innovation with industry 4.0. The Crash Course workshop is designed for young participants and is by invitation only.

Following the Crash Course, there will be an exhibition of the results of the workshop in the format of the popular American TV show Shark Tank. **“Voltage Tank – Youth Clean Energy Solutions”** will provide a forum for young entrepreneurs to present their business solutions, developed as a part of the Crash Course, in front of a panel of experts and to receive mentoring and feedback.

¹ The Science, Technology, Engineering, Arts and Mathematics ([STEAM](#)) Platform, piloted at the King Mongkut’s University of Technology Thonburi ([KMUTT](#)) in 2018, is accelerating the transformation toward smart circular economy through knowledge convergence, skills and mindset training, and youth entrepreneurship practice.

Agenda

Time	Topic/Theme	Details
4:00 p.m.	Introduction	The Voltage Tank host will introduce the format and concept of the session to the audience and introduce the “sharks.”
4:10 p.m.	Mentor presentation	Participants are mentored by established young entrepreneurs in the clean energy space. These mentors will present some of their work and briefly share their experience as entrepreneurs.
4:20 p.m.	Pitch 1	The host will briefly introduce the first young entrepreneur to pitch their solution for a total of 5 minutes.
4:25 p.m.	Feedback from the sharks	The sharks will then take turns asking questions and providing insights/advice on the solution, and in “Shark Tank” style format, share initial thoughts on whether they would invest in the solution.
4:30 p.m.		Subsequent pitches (3 additional) and feedback from the sharks.
5:00 p.m.	Discussion and audience voting	Discussion among the sharks and audience voting on the four pitches.
5:15 p.m.	Announcement of winner and wrap up	The host will announce the winner of the session, followed by concluding remarks.

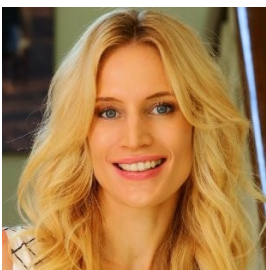
Speakers



Ranishka Yasanga Wimalasena

Senior Project Officer
Asian Development Bank
Voltage Tank Shark

Ranishka is based in Sri Lanka Resident Mission and possesses energy sector project implementation experience in South Asia. He has over 15 years of professional experience mainly in the energy sector in policy formulation, promotion of renewable energy and energy efficiency. Prior to joining ADB, he had mainly worked with the private sector. He holds a Masters degree in Energy Planning and Policy from the University of Technology in Sydney, Australia; and Bachelors in Electrical Engineering from the University of Moratuwa, Sri Lanka.



Susann Roth

Principal Knowledge Sharing and Services Specialist
Asian Development Bank
Voltage Tank Shark

Susann works on ADB’s innovation and knowledge management agenda. In this role she supports the implementation of Strategy 2030, which calls for more applications of technology, innovation, and strengthening knowledge management in ADB operations. Susann also works on corporate foresight to enhance the capacity of ADB and its clients to respond to and plan for emerging trends.



Daniel Hersson

Clean Technology Venture Capital Expert
Asian Development Bank
Voltage Tank Shark

Daniel manages a multi-year program to support cleantech startups, accelerators and venture capital investors across Asia-Pacific. He has more than 18 years' experience in the global energy and cleantech industry. Daniel is a recognized specialist on venture capital, strategy, startups, and innovation. Previously, he was Director of Strategy at BP Ventures, a leading global cleantech and energy-focused corporate venture capital fund. Daniel is also co-founder and venture partner at Infuse Ventures, India's first early-stage cleantech venture capital fund.



Olatunji Yusuf

Senior Climate Change Specialist
Resilience & Social Development Global Practice
Islamic Development Bank
Voltage Tank Shark

Olatunji is a Senior Climate Change Specialist within the Global Practices Directorate of the Islamic Development Bank. He is responsible for mainstreaming climate change in the Bank's funded operations and portfolio and helping member countries attain low carbon and climate resilient development pathways as well as transition to green economy.

In his development practice, he has contributed and co-led the preparation, design and implementation of over 15 development projects and programs across Africa, Asia, Eastern Europe and Latin America in agriculture, energy, urban development, water and sanitation sectors. Previously, he served as a project performance evaluator for development interventions, programs and country strategies financed and implemented by the Bank. He was formerly an advisor with KPMG Advisory Services.

He holds degrees from the Environmental Change Institute at Oxford University, United Kingdom and University of Lagos, Nigeria. He had Executive Training on Climate Change and Energy at Harvard Kennedy School, United States of America.



Mikell O'Mealy

ADB Consultant
Voltage Tank Host

Mikell leads projects and supports partners working on climate change, clean energy, climate-smart agriculture, and resilience in the Asia and Pacific region. She has more than 20 years of experience building capacity and cooperation at international, regional, and local levels, with proven skills in public-private partnerships, convening and facilitation, research and analysis, and project management for sustainable and scalable impact.