

## Innovate Program 17-19 January 2022

### Monday, 17 January 2022

#### Theme: Clean Energy

11:00-12:00

#### Livestream ADSW Opening Ceremony & Zayed Sustainability Prize Awards

14:00-14:10

#### Opening Remarks

- Ahmed Al Suwaidi, Media Affairs Director, Abu Dhabi Department of Energy

14:15 – 15:00

#### Panel: Innovation in Clean Energy

With most countries pledging to go net-zero, the question remains – how will these goals be met? Innovation in clean energy technology will play a major role in the transition to a net-zero economy. What are the challenges start-up's in the clean energy space face and how will they overcome these challenges? How do we innovate our way to net-zero? What are the solutions that we need to invest in?

#### Moderator:

- Damien Buie, Energy Segment Leader, Renewables and New Energies - Amazon Web Services, United Arab Emirates.

#### Panelists:

- Ali Alzyoud, Chief Technology Officer – Exelx, Jordan
- Mohamed Mashharawi, Director – Sunbox, Palestine
- Aleksandr Kiiantsa, CEO & Co-Founder – Volts, United Arab Emirates
- Govinda Upadhyay, CEO & Founder – Smarthelio, Switzerland
- Lee King, CEO – Hydro Wind Energy, USA

15:00 – 17:00

#### Company Presentations

- Each company will be given a 15-minute session to present
  - Scheduled presentations:
    - Exelx
    - Sunbox
    - Volts

**Tuesday, 18 January 2022**

**Theme: Urban Mobility and Artificial Intelligence**

11:00 – 12:00

**Zayed Sustainability Prize Session**

13:00 -13:10

**Masdar City Address**

- Stephen Severance, Head of Program Management and Marketing, Masdar City

14:15 – 15:00

**Panel: Getting to Net-Zero Using AI**

Through AI-driven analytics, we have the power to harness data to help us drive the sustainability agenda. An AI ecosystem to support education and investing in innovative solutions can create endless opportunities for AI in sustainability but how do we get there? This panel will discuss what AI can do for us in achieving the SDG's and how startups are working to attract investors.

**Moderator:**

- Mohamed bin Zayed University of Artificial Intelligence (MBZUAI)

**Panelists:**

- Jeffery Keat, General Manager – Aerodyne, Malaysia
- Jihad Sadiq, Founder & Director General – FortyGuard, United Arab Emirates
- Arjun Mohan, CEO – Tenderd, United Arab Emirates

15:15 – 16:00

**Panel: The Future of Urban Sustainability**

With just over 25 of the world's cities accounting for 52 percent of total urban greenhouse gas emissions and cities overall accounting for over 70 percent of global emissions, there is an urgent need to reduce emissions of big cities. Nature-based solutions to reduce the proportion of grey infrastructure are proving to be highly useful. How do we change our cities to make them more livable? What challenges do start-ups face in making urban mobility more sustainable and what do regulators need to look at to encourage growth in this sector?

**Moderator:**

- Stephen Severance, Head of Program Management and Marketing, Masdar City

**Panelists:**

- Vivek Koncherry, CEO – Graphene Space Habitat Limited, United Kingdom
- Frank Noppel, CEO – Blueflite, United Arab Emirates
- Isak Löfgren, CEO – Kasi Technologies, Sweden
- Walid Amara, Founding Partner - DFT, United Arab Emirates

16:15 – 17:00

**Company Presentations**

- Each company will be given a 15-minute session to present
  - Scheduled presentations:
    - Aerodyne
    - FortyGuard
    - Tenderd

**Wednesday, 19 January 2022**

**Theme: Agritech and Food Security**

11:00-12:00

**Youth 4 Sustainability Ecothon Showcase**

12:15-12:25

**Opening Remarks**

- Ministry of Climate Change and the Environment, UAE

12:30 – 13:00

**Panel: The Future of Water Security**

Water is one of the world's most vital resources yet according to UN-Water approx. "2.3 billion people live in water-stressed countries of which 733 million live in high and critically water-stressed countries." How can innovation help deliver sustainable water solutions to developing nations and how will improvements in water technology help us get to net-zero? Why is investment in the sector important?

**Moderator:**

- Ministry of Climate Change and the Environment, UAE

**Panelists:**

- Saeed Alhassan, Founder – Manhat, United Arab Emirates
- Martin Renck, Creative Director – Wayout, Sweden
- Ole Sivertsen, CEO – Desert Control, Norway

13:15 - 14:00

**The Future of Agritech and Food Security**

Food security has been greatly impacted by the COVID-19 pandemic and the world continues to face challenges in ending world hunger and malnutrition. Developing sustainable food production systems through innovative technologies and increasing local food production are just a few ways to help overcome these challenges. How can we open up the potential for hyper-local food? How can innovation change where we grow our food and how we consume it?

**Moderator:**

- Shaker Ismail, Chief Investment Officer - The Catalyst, United Arab Emirates

**Panelists:**

- Haythem Riahi, CEO & Co-Founder – Circa Biotech, United Arab Emirates
- Burak Karapinar, Co-Founder – QS Monitor, United Arab Emirates
- Al Anoud Alhashmi, CEO & Founder – The Futurist Company, United Arab Emirates
- Mahmoud Aljendy, CEO & Co-Founder – Proteinea, Egypt

14:15 – 14:45

### **Women Lead the Region to a Sustainable Future**

As food security, desertification, and climate change become increasingly pressing issues in our societies and markets, the role of women as leaders, innovators, entrepreneurs, investors, and educators is more critical than ever. This panel will discuss the role that women have to play in constructing new solutions, technology, consumption patterns, and methods of evaluating success, as our economies must shift to more sustainable practices.

#### **Moderator:**

- Noor Salama, Community and Program Manager - Microsoft for Startups

#### **Panelists:**

- Katie Wachsberger, Chief Operations Officer & Co-Founder – DANA Accelerator Entrepreneur, United Arab Emirates
- Sirivan Chaleunaxy, EMEA Business Development Leader, Energy & Utilities - Amazon Web Services, United Arab Emirates
- Al Anoud Alhashmi, CEO & Founder – The Futurist Company, United Arab Emirates

15:00 – 17:00

### **Company Presentations**

- Each company will be given a 15-minute session to present
  - Scheduled presentations:
    - The Futurist Company
    - Wayout
    - Manhat
    - QS Monitor