

# ASIA CLEAN ENERGY FORUM 2019

**PARTNERING FOR IMPACT**

17-21 June 2019 | Manila



## Special Lunch Time Talk

Tuesday, 18 June 2019, 1:00-2:00 p.m.

*K-HUB*

## The Ocean Economy



### Point of Contact:

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### Background

The ocean economy is an organizing principle for organic growth in ADB's investment operations flowing directly from Strategy 2030 operational priorities, as manifest in the announcement of ADB's ocean health action plan at the ADB Annual Meeting in May 2019.

Opportunities exist for new commercial investments across the spectrum of ADB operations—sovereign and non-sovereign—in climate mitigation and resilience, energy, food, health, transport, waste management, and water. Island and archipelagic countries generally see their geographic realities as binding constraints on development, but the oceans offer comparative and competitive advantages which are limited only by imagination and ingenuity. The flip side of this opportunity is a challenge for planetary health in an area that ADB has traditionally ignored: the oceans, which provide a large part of the oxygen we breathe (likely more than 50%), 15% of the protein humans consume, and which absorb about 40% of the global CO<sub>2</sub> emissions. Humanity cannot survive without the oceans, but they are mentioned only once in the Paris climate accord.

### Objective

This ACEF Lunch Talk session will provide an overview of ADB's ocean economy initiative announced in May 2019 with brief presentations on scalable solutions which include coastal zone waste-to-energy, marine aquaculture, and ecosystem services. In the 21st century, ocean energy development needs to happen in a holistic manner: rather than developing energy projects around traditional power purchase agreements, a multi-resource development program can be pursued beginning with high-value seafood production powered by captive renewables, energy recovery from coastal / ocean wastes, and coral propagation for biodiversity conservation and more eco-friendly tourism. With this approach, ocean energy development can grow via horizontal and vertical integration of the initial revenue-generating activity. Complementary activities could

include coastal zone protection, specifically cultivation of mangroves and coral reefs, which provide additional carbon sequestration and climate change adaptation benefits.

## Agenda

13:00 – 13:05	Introduction – ADB (Steve Peters)
13:05 – 13:15	Overview of ADB Ocean Health Initiative [Deb Robertson or Bruce Dunn]
13:15 – 13:25	Modular Systems for Coastal Waste to Energy [Adam]
13:25 – 13:35	The World's Lowest Carbon Protein: Marine Aquaculture [Chih-ting]
13:35 – 13:45	Growing Reefs Faster Than We Are Killing Them: The Coral Engine [Maurice]

## Indicative List of Speakers

**Adam Aleksander**, President, PtP Energy Services

**Chih-ting Lo**, President, EELO Solutions, Inc.

**Maurice de Kok**, Director of Strategic Business Development, Van Oord Ltd.