



The 2nd Indonesia Energy Transition Dialogue


Deepening and facilitating energy transition discourse in Indonesia


The 2nd Indonesia Energy Transition Dialogue: Objectives + Concept





1 Reinforce the concept of energy transition, including its drivers and consequences as well as techno-economic opportunities and challenges to Indonesia's energy/power stakeholders


2 Facilitate the energy transition discourse by building systematic approach to ensure a smooth transition for the country

 Two days full day meeting

 250 participants from related stakeholders

 The Tribrata Meeting and Convention Center

 **13th November 2019**
Conference Day

 **14th November 2019**
Woman's Banker on Clean Energy Roundtable + In-depth
Workshop Day

The 2nd Indonesia Energy Transition Dialogue: What's New?



1

From 1 day event to 2 days event

First day will be the conference day with 3 main sessions, and the second day will be the in-depth workshop with 4 sessions

2

More recent topic sessions and more speakers

We are expecting 7 distinguished speakers and 15 topics in the first day, and 19 in-depth topics for the second day

3

Introducing the opening dialogue and chats prior to the conference sessions

The opening dialogue will host the energy minister, two ambassadors, and ICEF chairman as well as DG electricity and CEO of PLN

4

Introducing the new discussion scenario

All speakers will act as panelists to respond the other speaker session before question and answer session

5

Introducing the IETD website

As IETD will be an annual event, we start to create a web-based information platform of IETD in this year! Check it out at

<https://www.ietd.info/>

6

Introducing the entrance fee

To secure the participants' commitment in attending the full sessions and workshops, the committee will introduce the entrance fee

The 2nd Indonesia Energy Transition Dialogue: Conference Day Program (1)



01	07.30 - 08.30	Registration + Coffee Morning
02	08.30 - 08.45	Opening & Singing National Anthem
03	08.45 - 09.15	Welcoming Remarks Fabby Tumiwa Opening & Reflection Prof. Dr. Kuntoro Mangkusubroto
04	09.15 - 10.00	Keynote Speech Minister of Energy and Mineral Resources
05	10.00 - 10.15	Opening of IETD and Photo-Op of All Speakers, ICEF Members, VIP Guests

The 2nd Indonesia Energy Transition Dialogue: Conference Day Program (2)



06	10.15 - 11.15	Opening Dialogue: <i>Energy Transition in Indonesia - The Missing Piece of the Puzzle</i> Minister of EMR, Amb. of Denmark, Amb. of UK, Chairman of ICEF
07	11.15 - 13.00	Session 1: <i>Global Energy Transition</i> <ul style="list-style-type: none">• 100% Renewable Energy Systems by 2050: Myth or Real? – Prof. Dr. Christian Breyer, LUT University, Finland• State of Energy Transitions in G20 countries – Dave Turk, IEA, France• German Model of a Just Energy Transition – Dr. Felix Christian Matthes, Öko-Institut, Germany• Danish Energy Transition Model – Danish Energy Agency (TBC)• Energy Policies in a Time of Transition – Dr. Rabia Ferroukhi, IRENA, UAE
08	13.00 - 13.45	Lunch Break
09	13.45 - 13.55	Transition Chat with DG Electricity of MEMR: <i>Why energy transition is so challenging yet so important?</i>

The 2nd Indonesia Energy Transition Dialogue: Conference Day Program (3)



10	13.55 - 15.30	<p>Session 2: <i>The Indonesian Energiewende: Barriers, Challenges, and Opportunities</i></p> <ul style="list-style-type: none">• Energy Transition at Work: Lessons learned from Bali – Dr. I Wayan Koster, Governor of Bali• The Future of Coal in the Era of Energy Transition – Garibaldi Thohir, Adaro Energy (TBC)• Low Carbon Transportation – Julius Christian, IESR• Unlocking Green Finance in Indonesia – Darwin Djajawinata, PT Sarana Multi Infrastruktur• Low Carbon Development Strategy for Indonesia – Josaphat Rizal Primana, Bappenas
11	15.30 - 15.45	Coffee Break
12	15.45 - 15.55	Transition Chat with CEO PLN : <i>Strategy to welcome decarbonization, decentralization, and digitalization</i>

The 2nd Indonesia Energy Transition Dialogue: Conference Day Program (4)



13	15.55 - 17.15	<p>Session 3: <i>Disruptive Technologies – Threats or Opportunities?</i></p> <ul style="list-style-type: none">• Distributed Generation: From consumers to prosumers – Pamela Simamora, IESR• Battery Storage: A key enabler of the clean energy transition – Vincent Wiguna, Tesla, Singapore (TBC)• Hydrogen: The missing link in the energy transition – Mathieu Gèze, HDF Energy• Blockchain Revolution in The Power Sector – Jack Smies, Energy Web Foundation (TBC)• Electric Vehicles: Moving without polluting – Dr. M. Nur Yuniarto, Sepuluh Nopember Institute of Technology (ITS)
14	17.15 - 17.30	Conclusion & Closing Remarks Prof. Dr. Kuntoro Mangkusubroto

The 2nd Indonesia Energy Transition Dialogue: In-depth Workshop Day Program (1)



W1

*Energy Policies
in a Time of
Transition*

- Policies Igniting a Rapid Development of Renewables in Indonesia – **Pamela Simamora**, IESR
- Coal in the Era of Energy Transition – **Deon Arinaldo**, IESR
- The Role of Local Governments in the Energy Transition – **Dr. Marlistya Citraningrum**, IESR
- Policies Supporting Renewables-based Transportation – **ADB** (TBC)
- Energy Efficiency: The Low-hanging Fruit – **Totok Sulistyanto**, Green Building Council Indonesia (TBC)

W2

*The Energy
Systems of
The Future*

- 100% Renewable Energy in Indonesia – **Prof. Dr. Christian Breyer**, LUT University, Finland
- Integrating Variable Renewable Energy in Islanded Systems: Challenges and Solutions – **Phillipp Godron**, Agora Energiewende
- Electrification of Transportation Systems – **PT. PLN** (TBC)
- Microgrid Systems for Rural Electrification in Indonesia – **Akuo Energy/Engie** (TBC)
- Energy Storage Systems – **Dr. Chairul Hudaya**, University of Indonesia / **Prof. Dr. Evvy Kartini**, National Nuclear Energy Agency (TBC)

The 2nd Indonesia Energy Transition Dialogue: In-depth Workshop Day Program (2)



W3

*Unlocking Green
Finance in
Indonesia*

- ADB Sovereign and Private Sector Financing for Sustainable Energy Projects in Indonesia – **Florian Kitt**, ADB
- Financing RE: Lessons Learned from the Philippines – **Eunjoo Park-Minc**, BDO Philippines
- Green Finance Instruments: VGF, Green Bonds, Green Sukuk – **Dr. Luky Alfirman**, Ministry of Finance (TBC)
- Carbon Markets: Financing Sustainable Development – **Dr. Felix Matthes**, Öko-Institut
- Renewable Energy Fund – **Dr. Hidayat Amir**, Fiscal Policy Agency, Ministry of Finance

W4

*The Use of
Blockchain in
the Era of
Energy
Digitalization*

- Peer-to-peer Technology in the Power Sector: Concepts, Applications, and Business models – **Jack Smies**, Energy Web Foundation
- Policy Supports for Digitizing the Power Sector – **Fabby Tumiwa**, IESR / **DNV GL** (TBC)
- New Ideas for Blockchain Startups in Indonesia – **the Indonesian Blockchain Association** (TBC)



THANK YOU!

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