



CENTRE FOR
STRATEGIC AND
INTERNATIONAL
STUDIES



TENGGARA
STRATEGICS



EMBASSY OF
INDONESIA | SEOUL
주한 인도네시아 대사관
Think Green. Transform Now.

Event Brochure



South Korea

RE Invest Indonesia

<https://reinvestindonesia.com/southkorea>

April 20, 2021

An International Virtual Investment Forum to Attract South Korean Investment in Indonesia's Renewable Energy Sector

Hosted by the Centre for Strategic and International Studies (CSIS) Jakarta, Tenggara Strategics and the Indonesian Embassy in Seoul. Supported by *The Jakarta Post* and Prasetya Mulya University.

Supported by

TheJakartaPost



UNIVERSITAS
PRASETIYA MULYA

INDONESIA-SOUTH KOREA RENEWABLE ENERGY INVESTMENT FORUM

DATE : Tuesday, April 20, 2021
TIME : 08.00 – 10.00 am Jakarta time
(10.00 am – 12.00 pm Korean Standard Time)
MEDIUM : Live forum via Zoom

REMARKS & PANEL SESSION: 08.00-09.00 WIB (10.00 – 11.00 KST)

Welcome Speech:

- **H.E. Mr. Umar Hadi**, Ambassador of the Republic of Indonesia to the Republic of Korea

Panel Session: RE Investment opportunities in Indonesia

Indonesia offers great potential for South Korean renewable energy (RE) investors to help the country achieve its target of reaching 23 percent RE in the primary energy mix by 2025.

The contribution of RE to Indonesia's energy mix currently stands at 11.2 percent, consisting of 7.38 percent electricity and 3.82 non-electricity, which is still far from the target. Indonesia has the potential to generate 418 gigawatts (GW) of electricity by using renewable energy, but only 10.4 GW or 2.5 percent is being utilized. The government has expressed its commitment to the energy transition, including by replacing 5,000 diesel power plants with a combined capacity of 2 GW with renewable energy. South Korean RE investors, with its strong edge in energy storage systems and solar energy, could participate in Indonesia's RE development to achieve its ambitious target of 23 percent by 2025.

- Speaker I: **Mr. Dadan Kusdiana**, Director General of New, Renewable Energy and Energy Conservation (EBTKE)
- Speaker II: **Mr. Nurul Ichwan**, Investment Coordinating Board (BKPM) Deputy Chairman for Investment Planning
- Speaker III: **Mr. Hyunjoon Park**, Senior Manager of Overseas Hydro Power, Power Project Team, Korea Midland Power Co., LTD (KOMIPO)
- Moderator: **Mr. Yose Rizal Damuri**, head of department of economics, CSIS

BREAKOUT SESSION: 09.00-10.00 WIB (11.00 – 12.00 KST)

Breakout Session I: Energy Storage System (ESS)

Indonesia's archipelagic nature makes ESS a promising solution for the country's electricity problems. ESS's ability to peak shave offers reliable power on an island with high electricity needs such as Java. Meanwhile, on islands untouched by the current transmission system, ESS provides a more affordable and environment-friendly option for electrification.

Indonesia has high renewable energy potential from being dispersed along the equator, receiving stable solar irradiation throughout the year, while its mountainous terrains provide strong winds. However, due to the intermittence of these energy types, the government has been relying on expensive and carbon-producing diesel power plants. With ESS, the intermittence issue becomes a story of the past. It is the game-changer that could help Indonesia achieve its 23 percent primary energy mix from the renewables target by 2025.

How does Indonesia prepare its domestic industry and market to meet investment demands and expectations in the so-called "future power industry"? What is the ESS market situation in Indonesia from the consumers' side? This session will convene stakeholders and industry players from Indonesia and South Korea to address the most pressing issues around developing and investing in Indonesia's ESS industry, discuss prevailing regulatory and market challenges, and find common grounds that lead to real collaborations.

- Speaker I: **Mr. Fabby Tumiwa**, executive director of Institute for Essential Services Reform (IESR)
- Speaker II: **Mr. Victor Wirawan**, CEO of Baran Energy
- Speaker III: **Mr. June Choi**, senior vice president of LS Electric Co.
- Moderator: **Ms. Andini Effendi**, independent journalist

Breakout Session II: Solar Energy 09.00-10.00 WIB (11.00 – 12.00 KST)

Indonesia, with 17,000 islands spanning along the equator and the Ring of Fire, possesses enormous solar and geothermal energy potential. Solar irradiation is available at a stable level all year long, offering an energy potential of more than 200 gigawatts (GW).

However, investments in solar power plants are still limited. From 2011 to 2018, solar-powered electricity only grew to 25 megawatts (MW) from roughly 1 MW. Indonesia has a high probability of increasing its solar-based power generation substantially, as solar projects can be conducted on both the small and utility-scale, involving not only big corporations but also small and medium enterprises (SME).

Furthermore, it is more suitable to Indonesia's archipelagic landscape, which has been facing electricity infrastructure challenges. This situation presents opportunities for companies and investors to tap into Indonesia's attractive solar power generation sector.

How can the solar energy sector help the country achieve its ambitious target of 23 percent renewable energy in the national energy mix by 2025? What can we do to improve community participation in the transition to renewable energy?

This session will convene stakeholders and industry players from Indonesia and South Korea to address the most pressing issues around developing and investing in Indonesia's solar energy sector, discuss how collaborations between local stakeholders and potential investors could raise the standards of solar projects so that they are investment-worthy and tackle the problems that have been hindering investment realization into the promising sector.

- Speaker I: **Mr. Wirawan**, operational director of PT Pembangunan Jawa Bali Investasi (PT PJBI)
- Speaker II: **Mr. Arya Rezavidi**, head of expert council of the Indonesian Solar Energy Association (AESI)
- Speaker III: **Mr. Linus Andor**, chairman of Indonesian Solar Panel Producers Association (APAMSI)
- Speaker IV: **Mr. Sung Taek Lee**, head of PV business team (Asia) of Hanwha Energy Corporation
- Moderator: **Mr. Josh Ching**, CEO of PT Solardex Energy Indonesia

ABOUT US

Centre for Strategic and International Studies

Founded in 1971, the Centre for Strategic and International Studies (CSIS) has won recognition as an important research and policy institution both within Indonesia and internationally. Its development over more than three decades is entwined with the history of Indonesia itself. In addition to its core studies in domestic economic and political developments, CSIS has also progressively developed a more international orientation through organizing bilateral conferences involving various countries.

Tenggara Strategics

Tenggara Strategics is a business and investment research and advisory institution established by the Centre for Strategic and International Studies (CSIS), *The Jakarta Post* and Universitas Prasetiya Mulya. Combining the capabilities of these three institutions, we aim to provide the business community with the most reliable and comprehensive business intelligence related to areas that will help business leaders in making strategic decisions. Tenggara Strategics offers daily media monitoring, strategic briefings and tailored research services to our clients to help them make strategic decisions.