



**2023 ADB GENDER FORUM**

# **2 Billion Changemakers**

*Women Leading on Climate Action in Asia and the Pacific*

**21-22 November 2023, ADB Headquarters**



**2023 ADB GENDER FORUM**

## **2 Billion Changemakers**

*Women Leading on Climate Action in Asia and the Pacific*

**21–22 November 2023, ADB Headquarters**



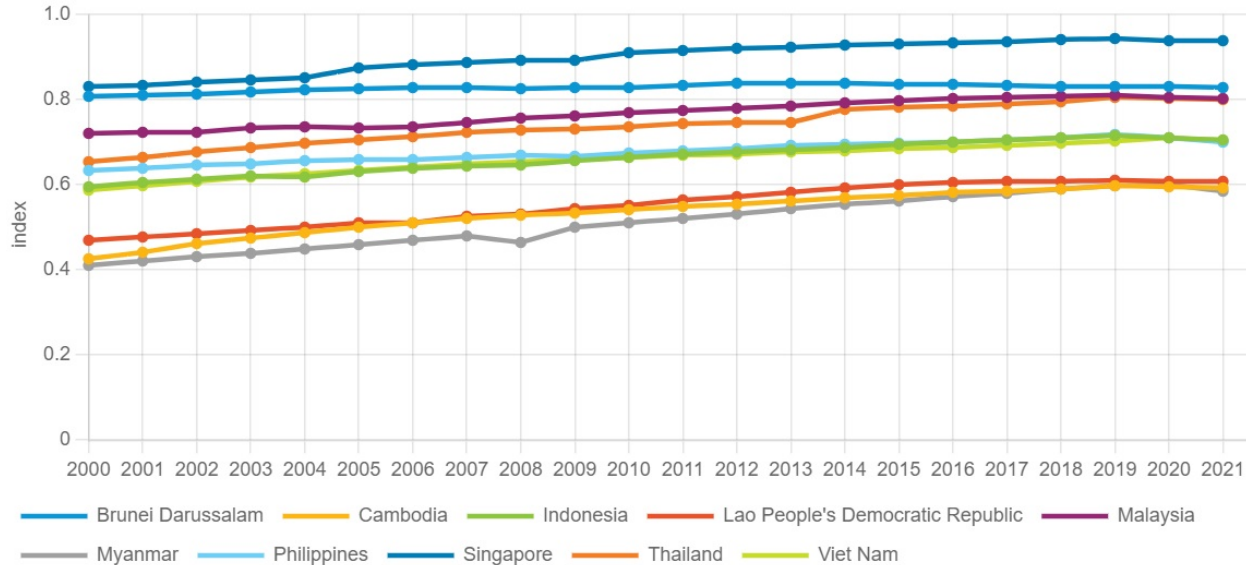
# **Human Capital to Accelerating Energy Transition in Southeast Asia**

**By Filda C. Yusgiantoro, Ph.D**

This is not an ADB material. The views expressed in this document are the views of the author/s and/or their organizations and do not necessarily reflect the views or policies of the Asian Development Bank, or its Board of Governors, or the governments they represent. ADB does not guarantee the accuracy and/or completeness of the material's contents, and accepts no responsibility for any direct or indirect consequence of their use or reliance, whether wholly or partially. Please feel free to contact the authors directly should you have queries.

# Human Capital in ASEAN & Indonesia

Human Development Index



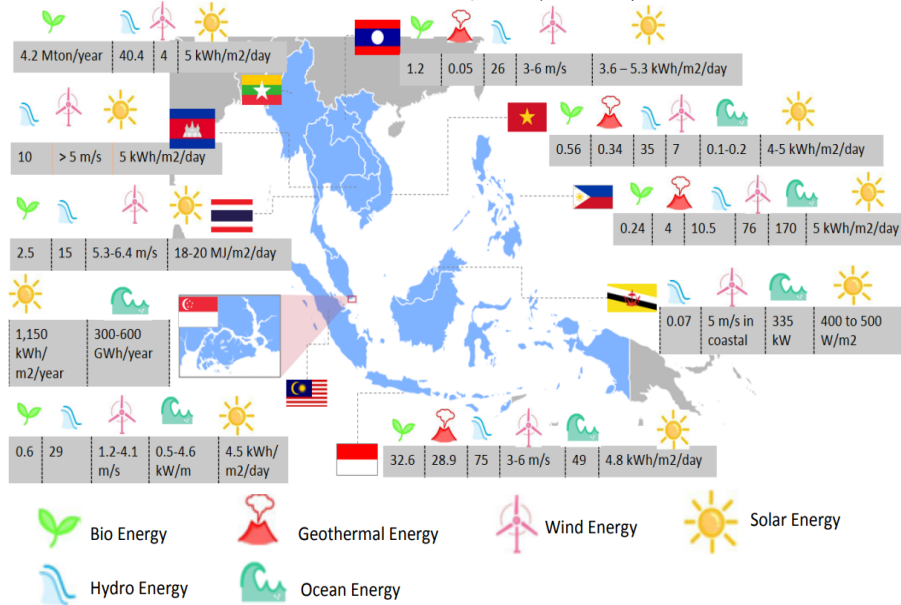
Human Capital Index

No	Country	Poin
1	Singapore	0,88
2	Vietnam	0,69
3	Brunei Darussalam	0,63
4	Malaysia	0,61
5	Thailand	0,61
6	Indonesia	0,54
7	Filipina	0,52
8	Kamboja	0,49
9	Myanmar	0,48
10	Laos	0,46

Indonesia's HDI in 2021 categorized as high human development with 0.705. But it is still below the world's average HDI (0.737). Furthermore, Indonesia's human capital index (HCI) is 0.5 bellow the rest of Southeast Asia.

# Opportunities and Challenges

## The Potential of RE (in GW)



## Policy Readiness Assessment for Green Jobs

Policy area	Brunei Darussalam	Cambodia	Indonesia	Laos PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
Development policies establish the green agenda										
Industrial and sector policies for greening										
Enterprise policies and initiatives for greening										
Skills development for green skills										
Active labour market for greening										
OSH for climate change issues										
Social protection										
Cross-cutting issues – labour rights, standards & social dialogue processes in greening										

■ Significant policy elements in place
 ■ Some policy elements in place
 ■ Limited/ No policy elements in place

- The ASEAN countries possess significant renewable energy potential, however there is a need for further refinement in policies related to green jobs.
- Compared to ASEAN Member Countries, Indonesia is still behind in term of policy readiness in green jobs, mainly for the area related to labor supply.

## Recommendations

### RECOMMENDATIONS



#### Government Policy

- Green Procurement Policies
- Waste Management Regulations
- Climate Resilience Planning



#### Technological Advancements

- Renewable Energy Technologies
- Energy Storage
- Green Building Technologies



#### Education and Training

- Integrate sustainability & environmental education into school curricula
- Research & innovations centers
- Green vocational training programs



#### Investment

- Foreign & Domestic investment in Renewable Energy Project
- Impact Investment Funds



#### Market Demand

- Export-oriented renewable energy projects



2023 ADB GENDER FORUM

## 2 Billion Changemakers

*Women Leading on Climate Action in Asia and the Pacific*

21–22 November 2023, ADB Headquarters



# Thank you.

For more information, please visit

<http://www.purnomoyusgiantorocenter.org/>

Or contact us through: [pyc@pycenter.org](mailto:pyc@pycenter.org)