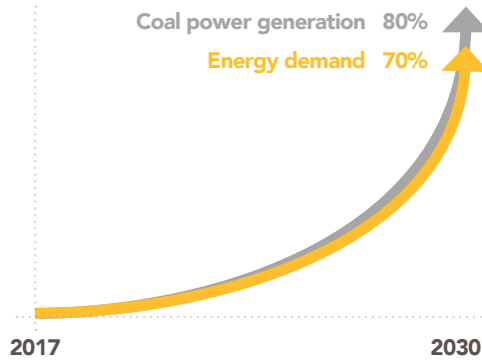




# THE SHIFT TO CLEAN ENERGY IN SOUTHEAST ASIA



Southeast Asia is the world's new economic engine room but faces high risk of getting locked in into coal power high-emissions infrastructure



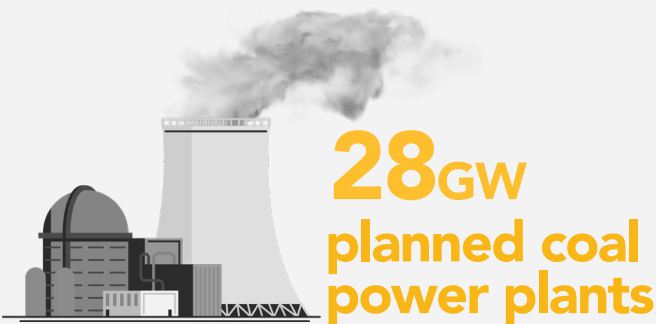
Source: IEA WEO 2018



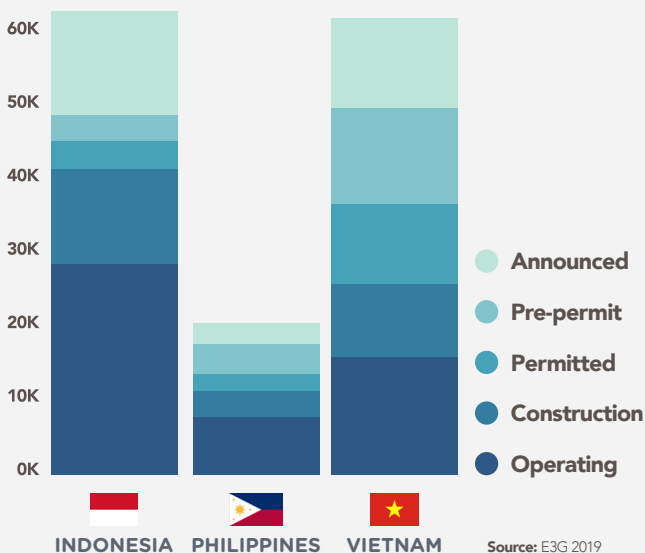
Long term negative **HEALTH (AIR-QUALITY), ENVIRONMENTAL, SOCIAL AND ECONOMIC** consequences

## Indonesia, the Philippines and Vietnam

Concentrate the biggest pipeline of planned coal power plants in the region...

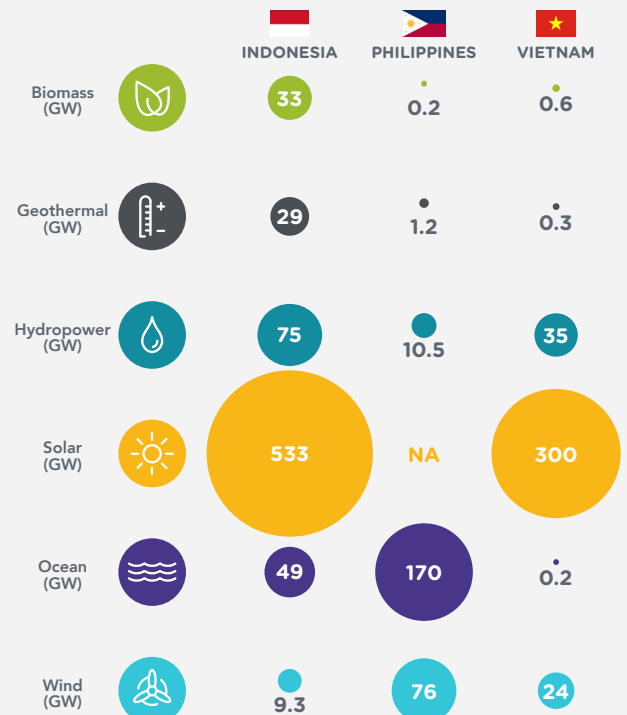


Coal-fired capacity (MW) by stage of approval



... But hold the biggest potential of untapped renewable energy sources

Estimated technical potential for clean energy (in Gigawatts)



Source: E3G 2019

Sources and notes: Non-solar figures from ASEAN (2016), Indonesia Solar Figure from IRENA (2017), Vietnam Solar Figure from Danish Energy Agency (2017). Vietnam Wind Figure (2017). Appropriate figures could not be found for the solar energy potential in the Philippines. Current installed solar PV capacity in the Philippines estimated to be 1.2GW.

Shifting financial flows to low carbon energy solution makes financial, economic and political sense



New solar PV  
**CHEAPER BY 2021**  
new coal plant  
Source: Carbon Track 2018



Investors' risk of  
**USD\$ 60 BILLION STRANDED ASSETS**  
in existing coal power plants in Indonesia, the Philippines and Vietnam  
Source: Carbon Track 2018



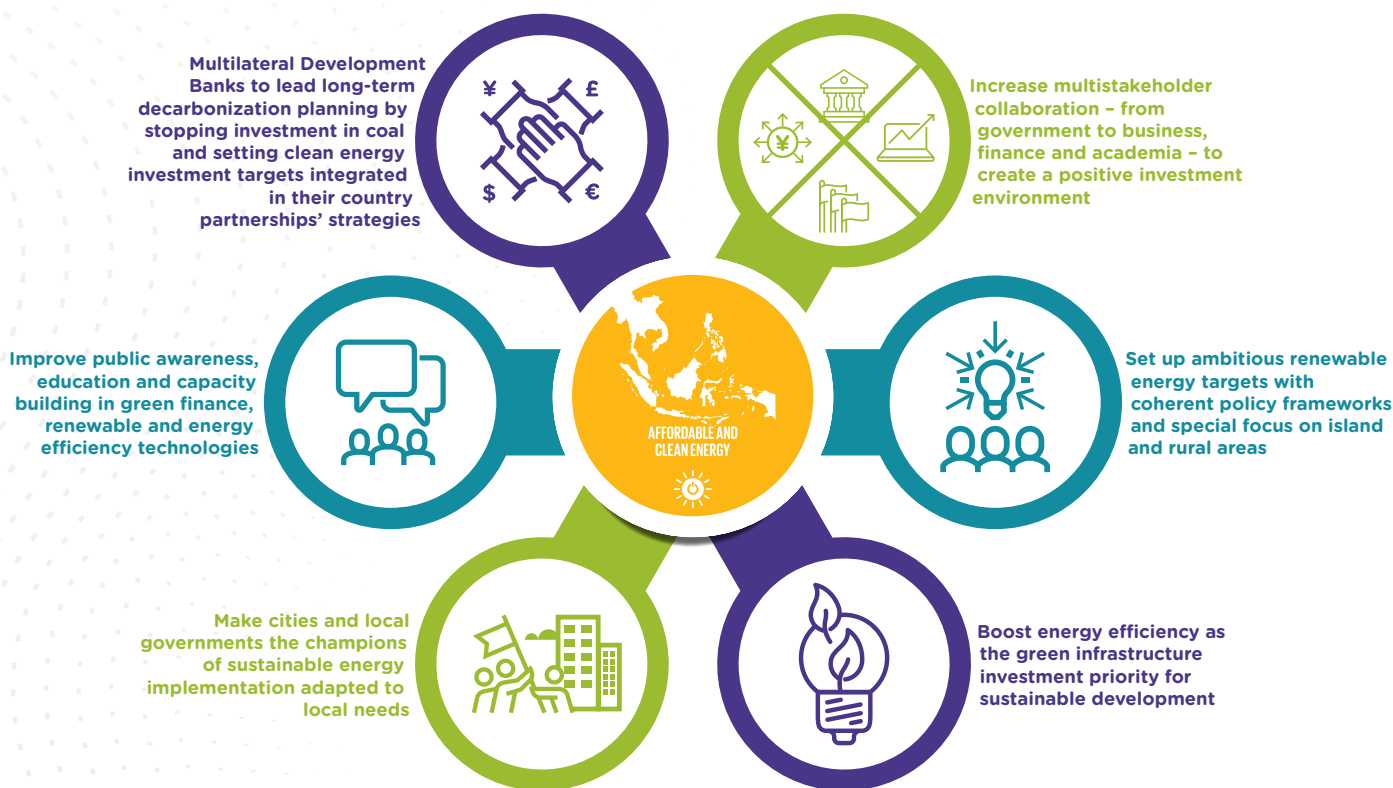
In Vietnam, solar PV or wind creates  
**3X JOBS**  
than coal  
Source: IASS Potsdam Cobenefits 2019



ASEAN green investment opportunity (2016-2030)  
**USD\$ 3 TRILLION**  
Source: DBS/UN Environment Inquiry 2017

6 priority actions to shift financial flows and unlock green investment in Southeast Asia

**NEW COAL PROJECTS MUST BE HALTED AND FINANCIAL FLOWS MUST SHIFT INTO LOW CARBON ENERGY SOLUTIONS**



Shifting Financial Flows to Low Carbon Development in Southeast Asia  
SEforALL.org/shift  
#SHIFTSEA

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