



USAID At a Glance (FY2015 – 2021)

Energy Sector Achievements in Southeast Asia



9.16

\$ BILLION INVESTMENT
mobilized for clean energy and/or
climate change adaptation



110

LAWS, REGULATIONS,
policies, or standards proposed,
adopted, or implemented



9,582

**MEGAWATTS
OF CLEAN ENERGY**
generation capacity that has reached
financial closure



7.996

**MILLION TONS OF
GHG EMISSION REDUCTIONS**
through clean energy activities



16,368

PEOPLE TRAINED
in clean energy topics and/or climate
change topics



101

INSTITUTIONS
with improved capacity to address
clean energy issues

**Data source: Annual Reports from: USAID Indonesia Clean Energy Development II (ICED II) and Smart Infrastructure for the Mekong (SIM) for FY2015-FY2020; USAID Clean Power Asia and USAID Vietnam Low Emission Energy Program (V-LEEP) for FY2016-FY2021; USAID Southeast Asia EDGE Hub for FY2020-FY2021; and Asia Gas Partnership (AGP), Advanced Energy Partnership for Asia, and Vietnam Urban Energy Security (VUES) for FY2020.*



USAID
FROM THE AMERICAN PEOPLE

USAID At a Glance (FY2015 – 2021)

Energy Sector Achievements in Southeast Asia

\$

9.16

\$ BILLION INVESTMENT
mobilized for clean energy and/or
climate change adaptation

Equivalent to **4.8x** Gross Domestic Product (GDP) of **Timor-Leste** in 2020*



*Data source: Per International Monetary Fund (IMF) "[World Economic Outlook Database, October 2020](#)" as of 13 October 2020, GDP of Timor-Leste is 1.920 million USD.



USAID
FROM THE AMERICAN PEOPLE

USAID At a Glance (FY2015 – 2021)

Energy Sector Achievements in Southeast Asia



110

LAWS, REGULATIONS,
policies, or standards proposed,
adopted, or implemented



Equivalent to **over 1** new law or policy **each month** to support clean energy growth



USAID
FROM THE AMERICAN PEOPLE

USAID At a Glance (FY2015 – 2021)

Energy Sector Achievements in Southeast Asia



9,582

**MEGAWATTS
OF CLEAN ENERGY**

generation capacity that has reached
financial closure

Equivalent to powering **1.05 Billion** LED light bulbs


*Data source: According to U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy (<https://www.energy.gov/eere/articles/how-much-power-1-gigawatt>), 1 GW is the equivalent of 110 million LED light bulbs.



USAID At a Glance (FY2015 – 2021)

Energy Sector Achievements in Southeast Asia

Equivalent to **5,108** round trips by air between **Bangkok** and **Washington, DC**

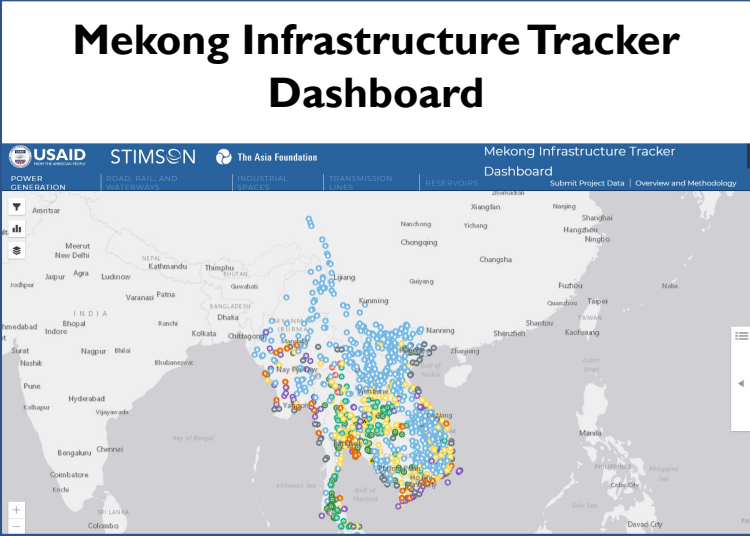
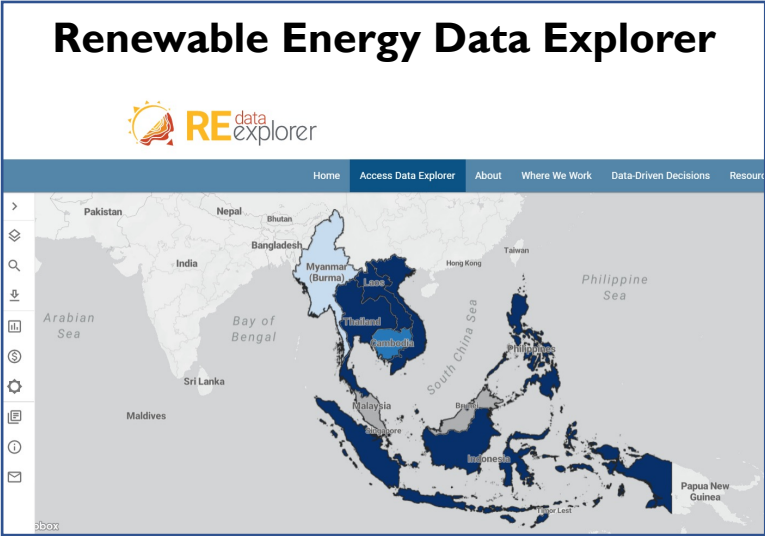


7.996
MILLION TONS OF
GHG EMISSION REDUCTIONS
through clean energy activities

Tools Developed by USAID Implementing Partners



USAID
FROM THE AMERICAN PEOPLE



Financial Model for Rooftop Solar in Southeast Asia

December 8, 2020



Financial Model for Wind Farms in Southeast Asia

February 14, 2020



Financial Model for Biomass Power Projects in Southeast Asia

April 6, 2020



Financial Model for Utility-Scale Solar in Southeast Asia

January 16, 2020

USAID Energy Programs in Southeast Asia



REGIONAL DEVELOPMENT MISSION FOR ASIA

- U.S. Advanced Energy Partnership for Asia (AEPA)
- U.S. – Asia Gas Partnership (AGP)
- USAID Clean Power Asia
- Enhancing Equality in Energy for Southeast Asia (EESEEA)
- USAID Mekong Safeguards
- Smart Infrastructure for the Mekong (SIM)
- Southeast Asia Enhancing Development and Growth through Energy (EDGE) Hub

BILATERAL PROGRAMS

- Energy Secure Philippines (ESP)
- Indonesia Clean Energy Development II (ICED-II)
- Laos Energy Security (LES)
- Papua New Guinea Electrification Partnership Activity (PEP)
- Vietnam Low Emissions Energy Program (V-LEEP)
- Vietnam Urban Energy Security (VUES)

USAID WASHINGTON PROGRAMS

- Scaling Up Renewable Energy
- Water & Energy for Food (WE4F) Regional Innovation Hub – Southeast Asia*

*Note: The Innovation Hub is centrally managed by the USAID Global Development Lab in Washington, DC and is based in Bangkok, Thailand.