



Socialization of the Ministerial Regulation on MEPS in Jakarta | © UNDP 2024

ADLIGHT facilitates issuance of the Ministry of Energy Decree no 135/2022 on Minimum Energy Performance Standard (MEPS) and Labelling for light-emitting diode (LED) light

# ADVANCING INDONESIA'S LIGHTING MARKET TO HIGH EFFICIENT TECHNOLOGIES (ADLIGHT)



## GEOGRAPHICAL SCOPE



**TOTAL PROJECT COST**

**\$ 3,895,872**  
GEF grant and co-financing

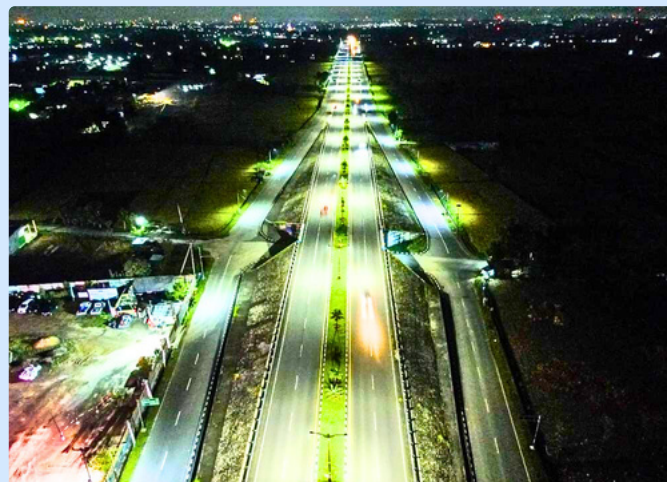
**STATUS ACTIVE**

STARTING YEAR	CLOSING YEAR
2020	2024

## WHAT THE PROJECT DOES

The ADLIGHT project, jointly managed by UNDP and UNEP and funded by the Global Environment Facility (GEF), aims to promote the widespread use of high-efficiency lighting technologies in Indonesia. By transforming the national market, the project seeks to reduce electricity demand and greenhouse gas (GHG) emissions.

Through capacity building initiatives for the country's lighting industry, the project aims to increase the adoption of high-efficiency lighting, thereby improving local manufacturing capabilities to produce quality lighting systems meeting Minimum Energy Performance Standards (MEPS). This involves implementing regulations, procurement policies, new business models, and awareness campaigns to boost market penetration of energy-efficient LEDs.



**ADLIGHT supports market development for locally manufactured LED lights and demonstrated energy and cost saving from the use of LED lights.** Ceremony of 3,700 LED lights installation in 22 Tourism Villages (left) and retrofit of street lighting (right) in West Lombok District, West Nusa Tenggara Province.

## MAIN COMPONENTS

01 June 2020 – 18th May 2024 (UNDP component activities)



Supporting the local lighting industry to transform the market for high quality, high efficient lighting systems.



New business models and awareness raising for high-efficiency lighting technology penetration.

01 June 2020 – 31 October 2024 (UNEP component activity)



Regulatory mechanisms and market monitoring, verification, and enforcement.

## KEY RESULTS

(as of Dec 2023)



**Total cumulative energy saving of 115.47 GWH** from demonstration of LED installation in 45 locations and replication activities



**Total direct GHGs emissions reduction of 90.28 kt CO2eq**



Facilitated issuance of **Ministry of Energy Decree no 135/2022 on Minimum Energy Performance Standard (MEPS) and Labeling for light-emitting diode (LED) light**; and enabling regulations for adoption of LED lights, e.g. E-catalogue for government procurement; technical guideline for market surveillance on LED



**Increase efficiency of locally-produced LED** to 80 to 100 Lumen/Watt (indoor lamps) and 120 Lumen/Watt (outdoor lamps)



Eight local LED manufacturing companies received **technical assistance for development of transformative business proposal** for financing highly-efficient LED investment