

# Achieving Universal Electricity Access in Indonesia

Indonesia is a vast and diverse country, with a population of over 270 million people. Access to electricity is essential for economic development and social progress, but in Indonesia, only about 90% of the population has access to electricity.



## Achieving Universal Electricity Access in Indonesia

by Moon-Ho Jung

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The Indonesian government has set a goal of achieving universal electricity access by 2025. This is a challenging goal, but it is one that is essential for the country's future.

## Challenges to achieving universal electricity access

There are a number of challenges to achieving universal electricity access in Indonesia. These challenges include:

- **Geography:** Indonesia is a large and diverse country, with a population spread across over 17,000 islands. This makes it difficult to extend the electricity grid to all parts of the country.
- **Cost:** Extending the electricity grid to remote areas can be expensive. This is a particular challenge for Indonesia, as many of the areas that lack electricity access are located in remote and mountainous regions.
- **Lack of infrastructure:** In some areas of Indonesia, there is a lack of basic infrastructure, such as roads and bridges. This makes it difficult to transport materials and equipment to remote areas.
- **Political will:** Achieving universal electricity access requires a strong political commitment. In some cases, there has been a lack of political will to invest in rural electrification.

## **Opportunities for achieving universal electricity access**

Despite the challenges, there are also a number of opportunities for achieving universal electricity access in Indonesia. These opportunities include:

- **Decentralization:** The Indonesian government has decentralized electricity generation and distribution. This has allowed local governments to take the lead in rural electrification efforts.
- **Renewable energy:** Indonesia has a wealth of renewable energy resources, such as solar and geothermal energy. These resources can be used to generate electricity in remote areas that are not connected to the grid.

- **Technology:** Advances in technology are making it possible to provide electricity to remote areas in a more cost-effective way. For example, mini-grids and off-grid solar systems are becoming increasingly affordable.
- **International cooperation:** Indonesia is working with a number of international organizations to achieve universal electricity access. These organizations are providing financial and technical assistance.

Achieving universal electricity access in Indonesia is a challenging goal, but it is one that is essential for the country's future. The Indonesian government is committed to achieving this goal, and there are a number of opportunities that can be leveraged to make it a reality.

With a concerted effort, Indonesia can achieve universal electricity access by 2025. This will have a transformative impact on the lives of millions of Indonesians, and it will help to drive economic development and social progress.



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