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I.M.B (Cambodia) Group Plc.

IMB GROUP

📍 Phnom Penh, Cambodia

A 2019 UNDP report highlights Cambodia’s substantial solar energy potential, presenting a chance to harness more power from its ample sunlight, equivalent to five kilowatt hours per square meter daily. Research conducted by EnergyLab confirms that solar energy is presently the most cost-effective energy source in Cambodia, boasting reduced capital and operational expenses compared to alternatives. However, solar power contributes merely 7% to the country’s electricity generation as of 2021. I.M.B (Cambodia) Group Plc, aims to empower Cambodia farmers with innovative solar energy and pump systems, designed to slash energy costs, guarantee water supply, and usher in a sustainable and increase agricultural yield.

Established in 2011, I.M.B Group currently employs 33 staff in Cambodia.

CAMBODIA SDG INVESTOR MAP ALIGNMENT



SECTOR
Renewable Resources
and Alternative Energy



SUBSECTOR
Solar Technology
and Project



INVESTMENT OPPORTUNITY AREA
Solar Photovoltaic System

KEY DATA (in USD)



	Revenue	EBITDA
2022	2,882,337	1,417,208
2021	1,834,559	719,563
2020	1,553,112	627,659

IMB IS LOOKING FOR



- **USD 1.2 million** in debt or equity.
- Partnerships with entities to support their expansion for the Electric Vehicles Charging Stations and pioneering Hybrid Electric Vehicles Solar Power Charging Stations.

CHALLENGE

In Cambodia, the primary sources for energy generation are hydropower and fossil fuels, constituting respectively 52% and 41% of total capacity. This dependence on hydropower results in frequent power disruptions during dry seasons when rivers and water reservoir water levels plummet. Although solar energy stands out as one of the most cost-efficient energy sources, the initial investment renders it inaccessible for subsistence farmers, who constitute the majority of the rural population in Cambodia.

SOLUTION

- IMB Group’s solar energy-based solution comprises:
- **Solar Diesel Hybrid for livestock farms:** combining solar power with diesel generators, substantially reducing fuel consumption.
 - **Interest-Free Solar Water Pump Loans for Women Farmers** to empower women in agriculture and support contract farmers who export or sell locally. By replacing diesel pumps, it reduces operational costs and carbon emissions, contributing to environmentally sustainable farming practices.
 - **Solar Pumps for Dry Season Rice Irrigation:** Targeting the Prey Veng province, this model replaces diesel water pumps with solar-powered alternatives for dry season rice farming.
 - **Solar Mini-Grids for Ethnic Communities:** this model involves setting up solar mini-grids managed and run by the communities themselves.
 - **Solar-Powered Clean Water and Ice Making for Entrepreneurs:** this model supports local entrepreneurs by allowing them to pay by monthly instalments, reducing operational costs and supports local businesses in adopting greener practices.

INVESTMENTS



USD 1.2 million

Raised through one round of fundraising.

IMPACT



Installation of 30,000 panels solar panels, 20 Electric Vehicle charging stations, and 2500 solar water pumps



2400 households, businesses, and communities that have gained access to clean energy

SCALABILITY



I.M.B Group is focusing on significant investments in solar water pump systems specifically for the dry season rice fields in the Prey Veng province. Additionally, the company is planning to expand into clean water projects. By integrating solar technology into water purification and supply systems, it aims to address the critical need for clean water in various communities. Their expansion strategy involves forming partnerships with local and international stakeholders, leveraging government initiatives, and exploring opportunities for foreign investment.

LEADERSHIP

Rith Vathanak, CEO, is renowned for his adeptness in crafting technical solutions and his strategic acumen. His leadership skilfully bridges the gap between ambitious environmental goals and practical energy solutions, steering the company towards impactful, sustainable growth in the renewable energy sector. He excels in international procurement and the preparation of high-standard bidding documents. His expertise extends to engagements with entities like UNDP, and several key ministries in Cambodia - Environmental, Rural Development, Water Resources, Mines and Energy.

ACCELERATOR PROGRAMS



In 2022, I.M.B. Group participated in an acceleration Program by ENERGY Lab, Switch to Solar to support their engagement in programs that foster innovation and growth in the renewable energy sector.

PARTNERSHIPS



MORE INFORMATION

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