



# Manufacturing energy storage ethiopia

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Ethiopia has set an ambition to increase gross national income through growth in the manufacturing sector as part of the goal to become a middle-income country by 2025. Data from the World Bank's World Development Indicators indicate that the manufacturing industry contributed added value to the economy equal to 5.6 % of GDP in 2017.

A growth target for the manufacturing sector in excess of 20 % implies increased energy generation capacity to meet increased industrial demand for electricity. Currently, more than 80 % of the Ethiopian industries' energy needs are met with fossil fuels: oil products and coal, while less than 20 % is met by electricity, a consumption pattern that is largely caused by onsite electricity generation using fossilfuel generators.

However, growth in generation capacity cannot be the only focus to meet Ethiopia's ambitions for its manufacturing sector. Attention and knowledge is needed to facilitate resource efficient growth and avoid waste where possible. This strategy document demonstrates that industrial energy efficiency is a prerequisite for achieving this goal.

To achieve energy efficiency benefits from improved management, energy management principles and procedures must be introduced at and by the economic units that consume energy - the industrial enterprises themselves.

In partnership with AESP: The increasing roles of DERs, connected technology and Big Data are driving rapid change in energy efficiency. As we shape the Utility of the future, this community will help you keep up with the latest developments.

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