



# **BIOGAS POWER AFRICA**

## **CASE STUDY/INSIGHT**

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Biogas generation from industrial waste water would benefit African society, by providing clean fuel from renewable feed-stocks and would help in alleviating the energy poverty. Unlike Asia, Africa does not have much experience in industrial biogas power generation.

In Africa, the highest potential to produce biogas power is from starch industry waste water, palm oil mill waste water and sugar mill waste water.

Apart from this, cattle farms and food industries also have considerable potential to implement biogas power plants. We observed highest diesel usage in African countries. Even within the same country, the price variation is very high (up to 100%) from one place to another. Such a situation is ideal to develop biogas power projects, as the revenue from avoided cost of diesel is very high.

While developing the projects in Africa, the project developers need to understand that it takes more time to develop a project in Africa, when compared to that of Asia.

The total investment cost is also higher in Africa when compared to that of Asia. But at the same time, the returns are also higher in Africa. Industries and development organisations could play an important role in the development of biogas power plants in Africa

