

GAIA ENERGY GHANA

PROJECT SUMMARY

The Gaia Energy project in Ghana will involve the construction of a grid-connected onshore wind farm, and is the largest project that REPP has been involved with to date.

Once built, the wind farm in Agogo will be among the biggest wind developments ever completed in the West African country, and will help establish a viable business model that will pave the way for scaling up investment in its nascent wind industry.

Getting the project to financial close will upskill and improve the institutional knowledge of the associated stakeholders (i.e. the African project developers, commercial finance institutions and providers of risk mitigation instruments), and should motivate other developers to overcome barriers to seize similar opportunities in the region.

The project is being developed by Gaia Energy, an independent large-scale renewable energy developer in the Middle East and African region, with a presence in 10 African countries. REPP is supporting with financing for an interconnection study, ESIA, road survey, topographical study, geotech and legal counsel – with a total funding amount of \$450,000.

Once up and running, the farm will be a significant boost towards Ghana meeting its national developmental target of 10% renewables by 2020.



Location
Agogo, Ghana

AT A GLANCE

Technology

On-shore
wind



Project type

Grid-connected

Offtaker

Electricity Company
of Ghana
(ECG)

KPIs



Greenhouse gas emissions
avoided: 73,715 tCO₂e per
year



People with new energy
access: N/A



Installed capacity:
50MW

FUNDING STRUCTURE

Signed: 9 November 2017

Type: Development capital

REPP funding: US\$450,000

SDGs

7 AFFORDABLE AND
CLEAN ENERGY



11 SUSTAINABLE CITIES
AND COMMUNITIES



13 CLIMATE
ACTION



17 PARTNERSHIPS
FOR THE GOALS



"[Gaia Energy Ghana] is the right project in the right community at the right time as Ghana battles with energy crises. I pray to Almighty God and the ancestors that all wind in Ghana will blow through Agogo so as to get good results during the wind resource study."

Nana Kwame Akuako Sarpong, Paramount Chief of Agogo Traditional Area