



Energy Catalyst Mission to Ethiopia Focus on developing energy technologies

Mission dates:

Sunday 14 - Friday 19 July 2019

Closing date for applications:

Friday 7 June 2019

AIM OF THIS MISSION

The key objectives of the mission are to help companies applying for Energy Catalyst Round 7 to get an understanding of the energy access issues in Ethiopia and gain links to potential partners.

THE ENERGY CATALYST (ROUND 7)

The Energy Catalyst programme was set up in 2013 to support UK-based businesses to develop highly innovative, market-focused energy technologies. The programme will enable them to commercialise sustainable energy solutions faster than they normally would. Energy sustainability is based on three pillars of the energy trilemma – low cost, low carbon and secure supply.

In 2019, the Energy Catalyst programme was awarded £36.6m from the Global Challenges Research Fund (GCRF) for two rounds of the Energy Catalyst programme. This means the sole focus of the programme now centres around technologies that meet both the energy trilemma and the energy access needs of Sub-Saharan Africa and South Asia.

WHY ETHIOPIA?

- Ethiopia has consistently been in the top ten fastest-growing economies in the world and has a population of over 100 million
- It is one of the few countries in Sub-Saharan Africa which generates all its electricity from renewable resources
- It currently generates 4,200 MW power and has a target to increase generation capacity, with an overall potential of 37,000 MW by 2037
- Given its large clean energy reserves, Ethiopia can become a cornerstone of the regional power market and the Eastern Africa Power Pool
- The demand for power is forecast to grow approximately by 30% per annum, so the Ethiopian government invites independent power producers to participate in the power generation segment
- The Ethiopian government has developed a range of incentives for investors engaged in new enterprises and expansion across range of sectors

OPPORTUNITIES IN THE ENERGY SECTOR

- An estimated US\$5bn (£4bn) investment value will be tendered under a PPP arrangement in six forthcoming solar and five hydro projects with US\$8bn (£6.2bn) investment in four geothermal projects
- Ten new wind power projects under a PPP arrangement will be tendered out in a year's time
- 18 new transmission and substation projects will be tendered soon
- There are several donor incentives and funds available for investors in the off-grid sub-sector including funding from DFID, AFDB and World Bank
- Access to energy in Ethiopia has increased rapidly over recent years however 50% of the population still live without reliable access to electricity. The disparity between urban and rural areas is stark with 85% and 26% of the population having energy access respectively
- The Ethiopian government aspires to increase access to 100% by 2030 through their SEforALL (sustainable energy for all) programme

WHO IS ELIGIBLE?

To qualify, organisations must be interested in applying for Energy Catalyst Round 7. They must also be working within technology that addresses all three areas of the energy trilemma and aiming to increase energy access in Sub-Saharan Africa or South Asia. They must also fall into one of the categories below:

- UK-based micro or SME business (to be given priority)
- Research technology organisation (RTO)
- Academic organisation
- Charity
- Public sector organisation

BENEFITS OF THE MISSION

- International brokerage event with the opportunity to pitch to in-market companies and organisations to find potential partners, followed by pre-arranged one-to-one meetings
- Meetings with various government officials in the renewable energy sector and group meetings with key industry players to help understand the energy landscape and energy access issues in Ethiopia
- Meetings with UN field officers in charge of the energy programmes and other NGOs to understand the energy projects happening in the country
- Group site visits and potential linkages to universities and hubs, as well as to local companies, renewable energy plants and to villages that use outstanding renewable energy technologies
- Networking opportunities and client hospitality at a reception in Addis Ababa with key government officials, private sector companies and financiers
- British High Commission support and advice through a team of dedicated commercial officers in Addis Ababa
- Pre-mission briefing in London on 3 or 4 July 2019 providing market information and pitching training
- Your organisation's profile in the mission brochure
- In-market help and advice

DRAFT PROGRAMME

DATE	ACTIVITY
Sunday 14 July 2019	Depart London – Arrive Addis Ababa
Monday 15 July 2019	Market and sector briefings by relevant organisations Meeting with Tulu Moye geothermal Meeting with Corbetti renewable Networking reception
Tuesday 16 July 2019	Roundtable meeting with the Ministry of Water, Irrigation and Electricity Meeting with President of Ethiopia, Sahle-Work Zewde Roundtable meeting with Ethiopian Electricity Power Brokerage pitching event
Wednesday 17 July 2019	Meeting with Ethiopian Electric Authority Meeting with Ministry of Finance and Public Private Partnership Unit Meeting with Development Bank of Ethiopia Site visit to Reppi waste to energy plant
Thursday 18 July 2019	Meeting with Faire Fax Africa Meeting with African Development Bank Meeting with Power Africa Meeting with UN Environment Programme Meeting with Africa Union Commission
Friday 19 July 2019	Depart Addis Ababa – Arrive London

Please note that the above programme is subject to change

COSTS

On acceptance to the mission, a commitment fee of £500 will be taken from you. This will be returned on completion of the mission and feedback form.

Non-attendance after formal acceptance will result in you forfeiting the commitment fee.

TRAVEL

This visit is part of GCRF. For approved organisations, Innovate UK will fund flights, four nights' accommodation, in-country transport, food and visas.

Please note that Innovate UK does not cover travel and health insurance for the mission. This will need to be obtained individually.

Please note there are no mandatory vaccinations for visiting this country; optional vaccinations are at the discretion of delegates.

HOW TO APPLY

To express an interest in participating, click [here](#) to complete the application form. It is a competitive process; places are limited and applications will be evaluated by a panel of experts from the organisers. You will be notified of the outcome by Tuesday 11 June 2019.

ADDITIONAL INFORMATION

For more information on the Energy Catalyst Round 7, please contact: Alice Goodbrook, Innovation Lead – Energy, Innovate UK, T: +44 (0)782 6513 670, E: Alice.Goodbrook@innovateuk.ukri.org

For any additional information, please contact: Zuzana Brutenicova, International Business Manager, London Chamber of Commerce and Industry, T: +44 (0)20 7203 1823, E: GCRFEthiopia@londonchamber.co.uk