



Ministère de l'Environnement
du développement durable et de
la Lutte aux changements climatiques



Biothermica Technologies Inc

Press release

Quebec grants nearly \$ 500,000 in support to Biothermica for a climate cooperation project in Togo

Montreal, January 22, 2021 - Biothermica Technologies Inc. (Biothermica) will carry out an integrated waste management and recovery project in the Prefecture of Kloto, Togo. The Montreal company, specialized in the recovery of biomass and biogas, will receive Quebec government funding of \$ 499,733 under the international climate cooperation programme (PCCI). The Minister responsible for Montreal region, Ms. Chantale Rouleau, made the announcement on behalf of Minister of the Environment and the Fight against Climate Change and the Minister responsible for the Laval region, Mr. Benoit Charette.

The company's overall project includes the establishment of a waste collection, subsequent establishment of a landfill technique (LET) using biogas recovery technologies and the establishment of a power station for the production of electricity from renewables sources, namely biogas and solar energy.

The most important contribution of the project to the fight against change climate will come from the capture of the biogas emitted by the decomposition of waste. The company believes the project could lead to cumulative reductions equivalent to over 260,000 tonnes of CO₂ by 2030. The funding will first be used to study the site of the future technical landfill site that the prefecture of Kloto has made available to the project, to support the NGO Bioenergy Togo in its activities, to establish waste collection activities, to train technicians and to raise public awareness of the benefits of cleanliness and sustainable waste management.

In addition to contributing to the production of clean energy and the fight against climate change, the project will generate economic benefits in the region and create jobs for both the Togolese and Quebecers. Thanks to knowledge transfer by Biothermica, the local organization Bioenergy Togo will be owner of the future technical landfill and will direct waste collection and landfill operations. Through Bioenergy Togo, the project will also involve the active participation of several local Togolese groups and that of the population. Biothermica will participate in the construction of the future power plant powered by biogas and solar energy and will operate it.

The project will generate income through the sale of electricity and through its eligibility to issue carbon credits within the framework of the clean development mechanism (CDM) specific to the Kyoto Protocol, and consistent with the principles of the Paris Accord on climate change. Biothermica estimates that operational costs of the project will be self-financed at the end of the first five years.

Quotes:

"By declaring itself bound to the Paris Climate Agreement, Quebec has committed in favor of greater international climate solidarity. However, the countries addressed by the International Climate Cooperation Program have many challenges to take up to improve the quality of life of their citizens and citizens while effectively combating climate change. The funded project provide a concrete response to the needs of these communities and provide an opportunity for our organizations and businesses to showcase their know-how and expertise. "

Benoit Charette, Minister of the Environment and the Fight against climate change and Minister responsible for the Laval region

"Biothermica, a pioneer in the development of clean technologies since 1987, is a Montreal company whose reputation is well established at home, in Quebec, and abroad. We are proud to support innovative companies such as Biothermica which put their expertise for countries that are among the most vulnerable to climate change and thus contribute to the global fight against climate change. "

Chantale Rouleau, Minister for Transport and Minister responsible for the Metropolis and the Montreal region

"We welcome the financial support that the Government of Quebec is providing to Biothermica in the fight against climate change thanks to its International Climate Cooperation Program, which was one of the laureates of the Global Climate Action Awards from the Organization of United Nations in 2019. Our partnership with the NGO Bioenergy Togo, constituted by Terre des jeunes transnational (TDJT), as well as the provision of land for the future technical landfill and bio-solar power plant by the prefecture of Kloto, are key to the success of this project. It is also in harmony with the energy and environmental policies of the Togolese government, which promotes the collection of waste and their recovery, sustainable development, health protection public sector and renewable energies as part of its commitments in line with the Paris agreement, while allowing concrete reductions in GHG price per ton much lower than what is possible in our developed countries."

Guy Drouin, President of Biothermica

Highlights:

- The Biothermica project is one of the 15 projects selected in the framework of the third PCCI call for projects, which benefited from overall envelope of \$ 9.5 million. A total of 38 projects involving 13 countries will have been funded since the program was created in 2016.
- Aiming to strengthen the capacity of the most vulnerable French-speaking countries of Africa and the Caribbean to adapt to climate change and limit their greenhouse gas emissions, the PCCI benefits from an overall budget of \$ 30.1 million, financed as part of the implementation of the 2013-2020 Climate Change Action Plan. This program also meets the orientations of the Plan for a Green Economy 2030 unveiled by the government on November 16th 2020. The Quebec government intends to continue its actions on the Canadian and international stages within the framework of the Plan for a Green Economy

2030 and Quebec's International Vision, within the perspective of sustainable economic development and climate cooperation.

- In 2019, PCCI was among the 15 winners of the Global Climate Action Award from the United Nations (UN).
- Founded in 1987, Biothermica is a leader in the development, financing, construction and operation of projects for the destruction of methane emitted from landfills and underground coal mines. Since 1995, it has implemented important strategic partnerships in order to establish the largest biogas plant in Quebec, with a capacity of 25 megawatts. As an integrated project developer, the company also markets carbon credits and energy generated by its projects in the national and international markets. In 2007, the company financed the first Canadian project registered under the Kyoto Protocol on a modern technical landfill in El Salvador and concluded an agreement with Luxembourg for the sale of the resulting carbon credits.
- The climate cooperation project carried out in Togo is inspired by a project similar that Biothermica has been implementing in Haiti since 2012, with the participation of the NGO Terre des jeunes transnational and Bioenergy Haiti. This project received support from PCCI in 2017 and Global Affairs Canada in 2020.

Related links:

- For information on the PCCI:
<http://www.environnement.gouv.qc.ca/programmes/coop-climatique-internationale/index.htm>
- For more information on Biothermica: www.biothermica.com

- 30 -

SOURCES:

Genevieve Richard
Press Officer
Office of the Minister
of the Environment and the Fight
against climate change
and Minister responsible for the region of
Laval
Phone. : 418 952-6352

Eric Laporte
Director of Communications
Office of the Minister for
Transportation
and Minister responsible for the Metropolis
and the Montreal region
Phone. : 438-863-7180

Biothermica Technologies Inc.
Caitlin Henderson-Toth, Project Director
caitlin.hendersontoth@biothermica.com
Phone. : 438 521-6586

INFORMATION:

Media relations
Minister of the Environment
and the fight against change
climatic
Phone. : 418 521-3991