

The background of the slide is a photograph of a lush green hillside covered in dense trees, under a bright blue sky with a few wispy clouds.

Inaugural ESG 2022 report



Biothermica Technologies inc.

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Section 1

A Word from the President



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A Word from the President

Dear Readers.

Sustainable development and ESG factors are present at the very root of Biothermica.

This year, we have begun to formalize our approach for the benefit of our employees, our customers and all of our current and future stakeholders. We have developed a strategy and action plan that will enable Biothermica to disclose its extra-financial results on a voluntary basis, in accordance with international standards. In this inaugural report, we unveil the pillars of our ESG strategy for a carbon neutral world, but this is only the beginning.

For the past 35 years, Biothermica has been putting its energy into serving the environment...

Enjoy your reading!

A handwritten signature in black ink, appearing to read "Guy Drouin".

Guy Drouin, P.D.G.

Section 2

Biothermica



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Biothermica, our Energy for a Cleaner Environment



A climate mitigation infrastructure company based on its patented technologies and expertise developed since its founding in 1987.

- Three business areas:
- valorization of methane from mines and landfills
 - air purification
 - biogas services.

Commitment to mobilize its employees and partners to maximize the environmental, social and economic benefits of its activities.



Bioenergia Foundation

Mission: To support concrete climate change mitigation and adaptation infrastructure projects in waste management in developing countries through:

- education,
- technology and management knowledge transfer,
- monetary or cash donations,

in order to reduce GHG emissions and the negative impacts of waste on water, air, public health and plastic ocean contamination.



IUCN grant for a mangrove rehabilitation project in Gonaives in 2021

Biothermica's partners

- Bioenergia Foundation,
Canadian NGO

<https://www.fondationbioenergia.org/en.html>



Biothermica's partners

- Terre des jeunes,
Quebec NGO

Another world is possible, we create it

<https://www.terredesjeunes.org/index.html>

Mission: To promote the education of disadvantaged populations, particularly young people, throughout the world, notably through practical and theoretical tree-planting activities and support for waste recovery and reclamation activities through the lens of sustainable self-sufficiency.

Through its network of local branches and the mobilization of the local population for environmental causes, the projects developed in conjunction with Terre des jeunes are supported by dynamic people who have the will to initiate real change, thus ensuring a greater chance of success for the waste collection NGOs created with Biothermica (Bioénergie Haïti and Bioénergie Togo)



Bioénergie Haïti

Organization co-founded by Biothermica,
Terre des Jeunes Gonaïves
and Terre des Jeunes Transnational

*From Collection, to Landfill, to Energy...
Bioenergy Haiti and Gonaïves,
Together for a Clean City*

<https://www.bioenergiehaiti.org/en/>

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Bioénergie Togo

Organization founded by Terre des Jeunes Togo
with the support of Biothermica,
and Terre des Jeunes Transnational

Together for our clean and healthy communities
<https://www.bioenergietogo.org/>

Recent Achievements

Corporate

Since early 2022, Biothermica has been enrolled in a global network of supply chain risk management (Veriforce, ISNetworld), compliance and ESG valuation services.



Biogas Services

Biogas sampling
in a landfill site (Quebec, 2022)



Energy recovery from waste methane

Visit of the Canadian ambassador (Gonaïves, 2022)



Mine methane abatement

Full-scale Vamox® Technology (Virginia, USA, 2022)

Section 3

First Steps in ESG



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Our ESG strategy

Biothermica's mission is to build climate mitigation infrastructures and it specializes in three fields of activity: Mine and landfill methane recovery (carbon and energy projects), Air pollution control and Biogas services. It is committed to engage its employees and partners to maximize the environmental, social and economic benefits of its activities.



Our energy for a cleaner environment

Alignment with the SDGs

In 2015, the United Nations General Assembly unanimously adopted the resolution establishing the 17 Sustainable Development Goals (SDGs) to be achieved by 2030. Among other things, the SDGs aim to eradicate poverty, achieve gender equality, improve the daily lives of people around the world and protect the planet. To achieve the SDGs, every stakeholder must do their part. Here is a summary of Biothermica's contribution to the SDGs.

Pillars	Our Commitment to a Carbon-Neutral World	Our Socio-Economic Impacts	Our People and our Culture
ESG Themes	<ul style="list-style-type: none">• Greenhouse Gas (GHG) Emission Reduction• Renewable Energy• Adaptation to Climate Change	<ul style="list-style-type: none">• Socio-Economic Development• Sustainable Procurement• Customer Satisfaction• Regulatory Compliance• Ethics and Integrity	<ul style="list-style-type: none">• Health & Safety• Diversity & Inclusion• Talent Attraction & Retention• Training & Career Development• Employee Engagement & Satisfaction
SUSTAINABLE GOALS			

Awards & honors

Excellence has been part of Biothermica's way of doing business since the very beginning. Here are a few of our most prestigious awards and distinctions.

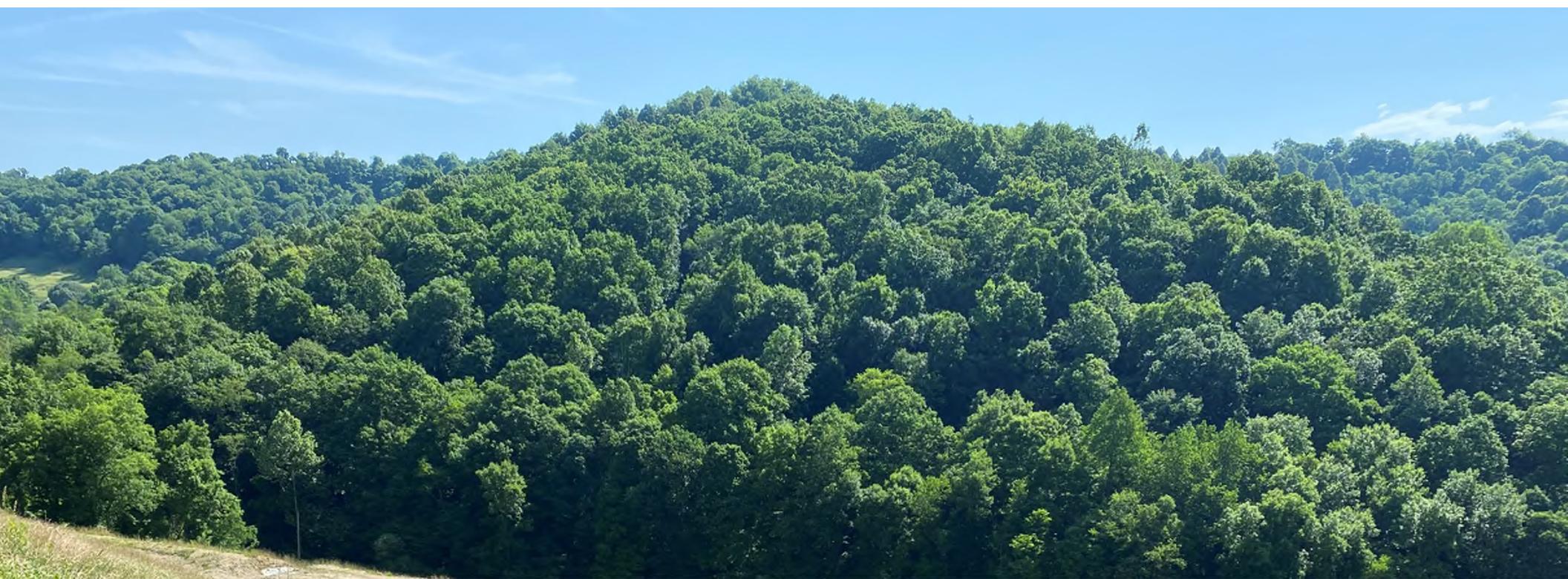
[Click here for the full list.](#)



J. Deane Sensenbaugh
Environmental Technology Award 1999



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About the report

The production of this report was made possible thanks to the support of the EcoLeader Fund and the expertise of KPMG.

Cover photo: Virginia forest, USA, where Biothermica's first full-scale Vamox® was installed in 2022.
Most of the logos and images in this report are clickable, for more information.

FONDS
ÉCOLEADER

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