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21 October 2024

**Head, Chemicals and Health Branch**  
Industry and Economy Division  
United Nations Environment Programme  
Palais des Nations  
8-14 avenue de la Paix  
CH-1211 Geneva 10  
Switzerland

Dear Sir/Madam,

I am writing to express ThioTech Ltd.'s interest in joining the UNEP Global Mercury Partnership. My name is Bowen, and I am the founder of ThioTech Ltd., a spinout from the University of Liverpool, founded in 2021. ThioTech specializes in supply and development of materials designed for mercury uptake and removal based on its proprietary sulfur based technologies. Our work has been supported by Innovate UK and funded by the University of Liverpool and Deepbridge Ltd.

With our patented technologies, we have developed and manufactured a range of high-selectivity mercury sorbents, including bulk polysulfides, doped activated carbon, and polysulfide-coated composite sorbents. These materials demonstrate exceptional efficacy in mercury removal, and we are eager to contribute this expertise to the partnership.

ThioTech Ltd. is committed to supporting the goals of the UNEP Global Mercury Partnership, particularly in the areas of developing advanced technologies for mercury mitigation. We are pleased to offer our technical expertise, share the latest innovations, and provide consulting services to other partners. Additionally, we look forward to collaborating and networking with other organizations, agencies, and individuals dedicated to addressing mercury-related issues.

We would be honored to contribute to the partnership's efforts in reducing mercury emissions and promoting sustainable mercury management practices worldwide.

Please let us know if any further documentation or information is required. We look forward to your positive consideration of our application.

Thank you for your attention and for the important work UNEP is doing in this critical area.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Bowen Zhang', written in a cursive style.

Bowen Zhang

Strategy Director

ThioTech Ltd.

[bowen@thiotech.co.uk](mailto:bowen@thiotech.co.uk)



# UNEP GLOBAL MERCURY PARTNERSHIP

## INFORMATION ON BECOMING A PARTNER

This information sheet provides an overview of the United Nations Environment Programme (UNEP) Global Mercury Partnership for prospective partners. Further information is available at:

[www.unep.org/globalmercurypartnership/](http://www.unep.org/globalmercurypartnership/)

### GOAL OF THE PARTNERSHIP

The overall goal of the UNEP Global Mercury Partnership is to protect human health and the global environment from the releases of mercury and its compounds by minimizing and, where feasible, ultimately eliminating global, anthropogenic mercury releases to air, water and land.

### PARTNERSHIP AREAS

The UNEP Global Mercury Partnership is a voluntary and collaborative relationship between various parties, governmental, non-governmental, public and private, in which all participants agree to work together in a systematic way to achieve its goal.

Initiated in 2005<sup>1</sup>, the Partnership today focuses its work on supporting timely and effective implementation of the Minamata Convention on Mercury; on providing state of the art knowledge and science on mercury; and on delivering outreach and awareness raising towards global action on mercury.

<sup>1</sup> UNEP Governing Council Decision 23/9

The Partnership is structured around eight areas:

- Artisanal and small-scale gold mining
- Mercury cell chlor-alkali production
- Mercury air transport and fate research
- Mercury in products
- Mercury releases from coal combustion
- Mercury waste management
- Mercury supply and storage
- Mercury releases from the cement industry

### OUR PARTNERS

Over 240 partners from governments, IGOs, NGOs, private sector and academic institutions:

- Support the overall goal of the Partnership.
- Contribute resources or expertise to the development and implementation of Partnership activities.
- Network with other organizations, agencies, entities and individuals addressing mercury issues.

### BECOMING A PARTNER

To become a partner, interested entities or individuals should submit a letter to UNEP signifying their support for the UNEP Global Mercury Partnership and their commitment to achieving its goal. The letter should also specify how they will contribute to meeting the goal of the Partnership.

Together with this letter, UNEP requests interested entities or individuals to also complete and submit the registration form (see reverse). Participation in the UNEP Global Mercury Partnership will be confirmed by UNEP. Partners' letters of support will be made public through the UNEP's website.

### SUPPORT LETTER AND REGISTRATION FORM SHOULD BE SUBMITTED TO:

**Head, Chemicals and Health Branch  
Industry and Economy Division  
United Nations Environment Programme**  
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8-14 avenue de la Paix  
CH-1211 Geneva 10, Switzerland  
E-mail: [metals@un.org](mailto:metals@un.org)

