

Institute for Combustion Science and  
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The Center for Research and Development  
2413 Nashville Road  
Bowling Green, KY 42101-4101

*The Spirit Makes the Master*

January 13, 2009

Maged Younes, Head  
UNEP chemical Branch  
Division of Technology, Industry and Economics  
11-13 chemin des Anémones  
CH-1219 Châtelaine  
Geneva, Switzerland

Subject : UNEP Global Mercury Partnership

Dear Dr. Younes,

This letter is to support the interest of Institute for Combustion and Environmental Technology (ICSET) to become a partner in the UNEP Global Mercury Partnership. We are pleased to send you the enclosed application form for the Partnership. Release of mercury and its compounds to the environment from atmospheric sources, coal combustion in particular, has been a growing concern around the world. ICSET believes the UNEP Global Mercury Partnership is of essential importance to merge national and international efforts in reducing the human health risks and environmental degradation associated with the atmospheric mercury release.

Since 1999, ICSET has been collaborated with governments, research institutes, and coal combustion power generation industry in various projects aimed to study environmental aspects of coal combustion process, which include (1) long-term evaluation of mercury monitoring technology; (2) full-scale evaluation of mercury emission control technology; (3) fate and transportation of mercury and other trace elements in coal combustion process; (4) flue gas desulphurization process evaluation; and (5) beneficial utilization of coal combustion by-products.

We hope to boarder such studies to characterize and control Hg emissions from power plants in China, India, and other countries, who heavily rely on coal combustion power generation. Recently, ICSET, injunction with the US Agency for International Development (USAID), has led a research group of Anhui University of Science and Technology (AUST) in China to monitor three power plants located in the center of Anhui province. ICSET is also working with UAEPA to develop the standard mercury sampling kits to be used in China summer of 2009. We believe our experiences in mercury research can greatly contribute to the success of the UNEP Global Mercury Partnership. Please let me know if any additional information is needed in support of our partnership application. We look forward to participating in the mutual interests in Hg emissions characterization and control further.

Sincerely,

Wei-Ping Pan, Director

Institute for Combustion Science  
and Environmental Technology

# UNEP GLOBAL MERCURY PARTNERSHIP INFORMATION ON BECOMING A PARTNER

This information sheet is intended to provide an overview of the United Nations Environment Programme (UNEP) Global Mercury Partnership for prospective partners. Further information is available at the following web address: <http://www.chem.unep.ch/mercury/default.htm>

## What is the UNEP Global Mercury Partnership?

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

The UNEP Global Mercury Partnership complements and supports the implementation of UNEP Governing Council Decision 24/3.

As of June 2008, the following partnership areas have been initiated:

- 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; and
- mercury waste management.

Other partnership areas are in the process of being considered and initiated.

## What is the Overall Goal of the UNEP Global Mercury Partnership?

The overall goal of the UNEP Global Mercury Partnership is to protect human health and the global environment from the release of mercury and its

compounds by minimizing and, where feasible, ultimately eliminating global, anthropogenic mercury releases to air, water and land.

## What does joining the UNEP Global Mercury Partnership mean for prospective partners?

- Supporting the overall goal of the Partnership.
- Contributing resources or expertise to the development and implementation of partnership activities.
- Networking with other organizations/agencies/individuals addressing mercury issues.

## How does an organization join the UNEP Global Mercury Partnership?

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, and specifying how they will contribute to meeting the goal of the UNEP Global Mercury Partnership.

Such letters should be submitted to:

**Head, UNEP Chemicals Branch, DTIE  
11-13, chemin des Anémones  
CH-1219 Châtelaine - Geneva, Switzerland  
Fax: (+41 22) 797 3460  
E-mail: [mercury@chemicals.unep.ch](mailto:mercury@chemicals.unep.ch)**

In submitting this letter, UNEP asks partners to also complete the attached registration form. Participation to the UNEP Global Mercury Partnership will be confirmed by UNEP through a letter of confirmation. Your letter of support will be posted on the UNEP Chemicals web site.

## UNEP GLOBAL MERCURY PARTNERSHIP REGISTRATION FORM \*

<b>Partnership Area</b>	<p>Please check partnership areas that your organization intends to contribute to:</p> <p> <input type="checkbox"/> artisanal and small scale gold mining  <input type="checkbox"/> mercury cell chlor alkali production  <input checked="" type="checkbox"/> mercury air transport and fate research  <input checked="" type="checkbox"/> mercury in products  <input checked="" type="checkbox"/> mercury releases from coal combustion  <input checked="" type="checkbox"/> mercury waste management         </p> <p>Please indicate in your support letter how your organization intends to contribute to each of the indicated partnership areas.</p>
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<b>Organization Name</b>	Institute for Combustion Science and Environmental Technology
<b>Name, Functional Title of Representative</b>	Wei-Ping Pan, Director
<b>Address of Organization</b>	2413 Nashville Road C2, Bowling Green, Kentucky
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<b>Fax No.</b>	270-745-2221
<b>Website/URL</b>	www.wku.edu/icset
<b>Type of Organization</b>	<p> <input type="checkbox"/> Government  <input type="checkbox"/> Regional economic integration organization  <input type="checkbox"/> Non-government Organization  <input type="checkbox"/> Industry  <input checked="" type="checkbox"/> Scientific community  <input type="checkbox"/> Other, please specify: _____         </p>

\* UNEP Global Mercury Partnership Registration Forms are to be accompanied by a letter to UNEP signifying support for the UNEP Global Mercury Partnership and commitment to achieving the partnership goal. The support letter should specify how the organization intends to contribute to meeting the goal of the UNEP Global Mercury Partnership. Please submit the support letter and registration form to:

**Head, UNEP Chemicals Branch, DTIE**  
 11-13, chemin des Anémones  
 CH-1219 Châtelaine - Geneva, Switzerland  
 Fax: (+41 22) 797 3460  
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