



1 February, 2017

Gunnar Futsaeter
UNEP Chemicals Branch DTIE
11-13, chemin des Anémones
CH-1219 Châtelaine, Geneva, Switzerland
Email: metals.chemicals@unep.org

Dear Mr. Futsaeter,

I am writing on behalf of ADA Carbon Solutions, LLC (ADA-CS) to express our interest in joining the UNEP Global Mercury Partnership. The Partnership provides much-needed resources for many countries new to mercury control technologies, and ADA-CS, based in Littleton, Colorado, has significant expertise to contribute to the UNEP mission. ADA-CS is an activated carbon manufacturing company with our main industry focus, at this time, on mercury removal at coal-fired power plants. We also apply our mercury control expertise to other coal-fired processes, including the cement industry.

ADA-CS' personnel have been in the mercury control technology arena since the mid-1990's, with projects under EPRI (the Electric Power Research Institute), the U.S. Department of Energy, and U.S. utilities. From characterizing mercury emissions to recommending control strategies and demonstrating the effectiveness of both native control and control using activated carbon injection, our experience on a wide range of coals and boiler types provides a broad base of knowledge on mercury measurement, control, plant operations, and effective compliance strategies. We have extensive current experience helping U.S. power plants to meet very stringent emissions limits using our products.

ADA-CS was formed in 2008 in anticipation of the need for mercury removal. From 2008 – 2010 ADA Carbon Solutions designed and built the largest, most automated and most environmentally-friendly activated carbon plant that is focused on products optimized for mercury capture in North America. Today we have established ourselves as a leading U.S. provider of activated carbon products optimized for performance in emission control applications.

At ADA-CS our team works hard to develop new technologies and work closely with power companies to help them optimize the removal of mercury and other trace metals within their individual plant. At ADA-CS we understand that every plant is different and we need to visit each plant and work closely with their engineers to find the best control solution for the individual plant's needs. Our team is committed to making sure these plants have the tools and resources that they need to remove mercury with the best economics, utilizing existing devices to the maximum extent feasible. In 2015 approximately one-third of the U.S.' electricity was generated using coal. Many of these plant rely on ADA-CS to be their mercury control supplier, as continuous compliance (30-day rolling averages are typical) with tight limits is a mandate. Through test programs as well as ongoing mercury compliance

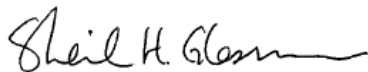
support, we have developed significant experience across a wide range of unit designs, configurations, coal types and process conditions.

Cement manufacturers have unique challenges in terms of maintaining a manageable mercury control loop while maintaining strict product quality control. Short-term and long-term mercury equilibrium within the kiln system can complicate flue gas emissions management. Operational solutions with intermittent injection in conjunction with the right activated carbon product and careful monitoring may be required. ADA-CS works with cement plants to identify the best product and control strategy for flue gas mercury emissions compliance under the individual plant's constraints. Our experience in helping cement plants comply with recently-implemented standards in the U.S. would also be beneficial to the UNEP Global Mercury Partnership.

ADA-CS takes a science-based approach to mercury control and believe that we can contribute to the goal of cost-effective mercury control at coal-fired locations in both the power plant and cement industries. We respectfully request membership in the UNEP Global Mercury Partnership. We look forward to continuing to support the global mercury control community.

Please feel free to contact me with any inquiries.

Sincerely,



Sheila Glesmann

Senior Vice President of Environmental and External Affairs

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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 the following web address:
www.unep.org/hazardoussubstances

GOAL OF THE 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.

PARTNERSHIP AREAS

The UNEP Global Mercury Partnership is a voluntary and collaborative relationship amongst various parties, in which all participants agree to work together in a systematic way to take immediate actions to achieve the goal of the UNEP Global Mercury Partnership.

Established in 2008, the partnership supports immediate actions on mercury in parallel to the negotiations of a mercury convention.

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;
- mercury waste management;
- mercury supply and storage; and
- mercury releases from cement industry.

OUR PARTNERS

More than 100 partners from IGOs, NGOs and private sector:

- Support the overall goal of the Partnership;
- Contribute resources or expertise to the development and implementation of partnership activities;
- Network with other organizations/agencies/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, and specifying how they will contribute to meeting the goal of the UNEP Global Mercury Partnership.

Letters should be submitted to :

Head of Branch
UNEP Chemicals Branch DTIE
11-13, chemin des Anémones
CH-1219 Châtelaine - Geneva, Switzerland
E-mail: metals.chemicals@unep.org

In submitting this letter, UNEP requests partners to complete the registration form (see reverse). Participation in the UNEP Global Mercury Partnership will be acknowledged by UNEP. Your confirmation letter will be posted on the UNEP Chemicals Branch web site.



UNEP GLOBAL MERCURY PARTNERSHIP INFORMATION ON BECOMING A PARTNER

PARTNERSHIP AREA

Please check the partnership areas to which your organization intends to contribute to:

- 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 supply and storage
- mercury releases from the cement industry

Please indicate in your support letter how your organization intends to contribute to each of the indicated partnership areas.

ORGANIZATION NAME

NAME, FUNCTIONAL TITLE
 OF REPRESENTATIVE

ADDRESS OF
 ORGANIZATION

TEL. No.

EMAIL

FAX No.

WEBSITE/URL

TYPE OF ORGANIZATION

- Government
- Regional economic integration organization
- Non-government Organization
- Industry
- Scientific community
- Other, please specify: _____

*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: