



Pro Vice-Chancellor
Kevin Bishop

2017-09-29

Request to join the Global Mercury Partnership

I am writing on behalf of the Swedish University of Agricultural Sciences (SLU) to express SLU's interest in joining the UNEP Global Mercury Partnership area Air Transport and Fate Research. Based on the stated goals of the Partnership, I am confident that the scope of research within SLU's area will help to further the mission of the program.

We would contribute to the goals of the partnership through the objectives of our research areas that covers critical biogeochemical processes in boreal forests, freshwater and marine ecosystems. The research focuses on the Hg cycle with the aim to promote scientific advances that can support efforts to manage mercury. Specific areas of research being pursued at our university include:

- remediation of Hg contaminated sites
- vulnerability of aquatic food webs to bioaccumulation
- land use practices to minimize Hg exposure to humans and wildlife,
- Microbial and chemical interactions that mobilize and transformations Hg
- how land-atmosphere exchange responds to changes in atmospheric Hg levels

The evaluation of long-term monitoring data in terrestrial and aquatic ecosystem has also been an important area of research at SLU. We have supported the Convention on long range transboundary air pollution (CLRTAP) within the International Cooperative Programmes (ICP Waters and ICP Integrated Monitoring) that report to the Working Group on Effects within CLRTAP. This work has focused on the long-term changes and effects of air pollutants (including mercury) in order to develop and validate models for the simulation of ecosystem responses to air pollution.

It is our ambition to advance knowledge about Hg processes to support society in the decisions that will help limit the exposure of Hg to humans and wildlife. We believe that this will contribute to the work of the Minamata Convention.

A handwritten signature in black ink, appearing to read 'K. Bishop'.

Professor Kevin Bishop
Pro Vice-Chancellor



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

Swedish University of Agricultural Sciences

NAME, FUNCTIONAL TITLE OF REPRESENTATIVE

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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:

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