



UNEP GLOBAL MERCURY PARTNERSHIP

Tuesday 18 July 2023
1:00 pm – 3:00 pm CEST

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Managing mercury along the oil and gas value chains: sharing of experience and best practices

Virtual event

Content

Mercury may be emitted and/or released at different stages of the oil and gas value chains, including extraction, refining transport and decommissioning of infrastructures, depending on the control measures in place. As such the oil and gas sector is being considered a potentially relevant point source category for mercury releases to land and water in the context of the Minamata Convention.

The [Technical Study Report on Mercury from Oil and Gas](#) developed following the [tenth meeting](#) of the UNEP Global Mercury Partnership Advisory group presents a compilation of available knowledge on the life cycle of mercury in crude oil and natural gas, to better understand the behaviour and emission and release pathways of mercury, particularly during the extraction, processing, management and waste disposal stages, and to illustrate various technologies. The report also makes a number of recommendations for future work, including with respect to capacity development.

As a follow-up to the study report, the Partnership Advisory Group discussed at its [last meeting](#), the need to further exchange information and raise awareness on the topic and get a better understanding of the application of existing practices and technologies available. The PAG also agreed on the need disseminate information on best practices for reducing mercury emissions and releases throughout the value chain, taking into account the environmentally sound management and disposal of waste generated from the sector.

The proposed session is an opportunity to exchange on existing best practices in managing mercury emissions, releases and waste along the oil and gas value chains; share experiences from countries and relevant stakeholders, including on their practices and some of the challenges they may be facing; and identify possible next steps for effective implementation of best practices.

AGENDA

Opening remarks (1:00 pm – 1:20 pm)

- ❖ [Lilian Corra](#), *International Society of Doctors for the Environment*, lead author of the Partnership technical study report on mercury from oil and gas
- ❖ [Eisaku Toda](#), *Minamata Convention Secretariat*

Session 1 - Managing mercury emissions and releases along the life cycle in the oil and gas sector (1:20 pm – 2:10 pm), facilitated by [Misuzu Azari](#), Kyoto University (Japan), Co-lead of the Mercury Waste Management Partnership Area

- ❖ Global mercury hotspots along the oil and gas value chain: current knowledge and experience [by Matt Bower, Qa3](#)
- ❖ Mercury Management in Petroleum Refining, [by Yamile Julio Castillo, IPIECA](#)
- ❖ Managing mercury waste from the oil and gas sector, [by David Hunter, Batrec](#)
- ❖ Environmentally sound management of mercury waste generated from the oil and gas sector, [by Hiroki Iwase, Nomura Kohsan](#)

Questions and Answers

Session 2 - Experiences, lessons learned and challenges from countries (2:10 pm – 2:50 pm), facilitated by [Judith Torres](#), Ministry of Housing, Territorial Planning and Environment of Uruguay, Co-lead of the Mercury Supply and Storage Partnership Area

- ❖ Experience in managing mercury along the oil and gas supply chain in Thailand, [by Narongsak Chaityasit, Synergy Plus Co., Ltd., Thailand](#)
- ❖ Challenges in the Latin America Region for the management of mercury from the oil and gas sector, [by Alberto Santos Capra, BCRC Argentina](#)
- ❖ Treating mercury waste generated by the production of oil and gas in Ghana, [by Sam Adu-Kumi](#)

Questions and Answers

Closing remarks (2:50 pm – 3:00 pm)

- ❖ [Rodges Ankrah](#), *Environmental Protection Agency of the United States*, Chair of the Partnership Advisory Group