

Specific International Programme - 2018 Round

Implementing the Minamata Convention on Mercury: Management of Chlor-Alkali Plants in the Petrochemical Industry

PROJECT OBJECTIVE

The objective of the project is to assist the Islamic Republic of Iran in decommissioning activities of chlor-alkali plants in order to enforce policy and strategic decision making.

PROJECT SUMMARY

One of the major sources of mercury in the Islamic Republic of Iran are the chlor-alkali plants in the petrochemical industry. According to the UNEP Global Mercury Assessment in 2013, the global anthropogenic emissions of mercury from the chlor-alkali industry was 6% of the total emissions. In the Islamic Republic of Iran, there is only one petrochemical industry which consumes mercury in Chlor-Alkali Process.

There is an urgent need to set, customize and strengthen guidelines and promote adequate clean technology in major industries. The objective of this project is therefore to develop guidelines for minimization of mercury emissions and wastes and build capacity to manage mercury contaminated sites in the petrochemical industry in Iran to protect human health and the environment. The outcomes of this project will support Iran in implementing the Minamata Convention on Mercury – specifically Articles 1, 5, 14 and 16 by providing the necessary technical guidance, capacity building and awareness-raising.

BUDGET



USD 100,000

Applicant contribution
USD 45,000

DURATION



**1 June 2020 -
31 August 2021**

RELEVANT ARTICLES



Article 1 - objective
Article 5 - mercury use in manufacturing processes
Article 14 - capacity-building, technical assistance & technology transfer
Article 16 - health

IMPLEMENTATION ENTITY



Research Institute of
Petroleum Industry

PARTNERS



Ministry of Petroleum
(RIPI)

PROJECT RESULTS

MEASURE 1

Conducting an inventory of mercury pollution in chlor-alkali plants.

MEASURE 2

Undertaking a health risk assessment to identify the population groups most at risk.

MEASURE 3

Developing guidance for decontamination, demolition, disposal of mercury wastes, and contaminated site management of chlor-alkali plants.

MEASURE 4

Periodic monitoring and review of progress.

PROJECT MANAGEMENT

A steering committee will be established consisting of the project manager, coordinator, NGOs representatives, international and national consultants, projects management unit representative, national staff in industry and university. The day-to-day management and administration of the project will be handled by the project coordinator from the ministry of petroleum represented by Research Institute of Petroleum Industry (RIPI).

RELEVANT SDGs



Contact

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CONTRIBUTORS TO THE SPECIFIC TRUST FUND (2018)

