

Workshop on Regulatory measures to control and reduce Methane Emissions in the Mexican Oil & Gas Sector

Venue: Hotel Grand Fiesta Americana Chapultepec, Salón Castillo II
Mariano Escobedo #756, Anzures, Miguel Hidalgo, C.P. 11590, Mexico City.
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Date: August 9th, 2017

Organizing Committee:

- the National Agency for Industrial Safety and Environmental Protection of the Hydrocarbons Sector (ASEA),
- the Mexican Ministry of Energy (SENER),
- the Mexican Ministry of Environment and Natural Resources (SEMARNAT),
- the Center for Clean Air Policy (CCAP), and
- the Clean Air Task Force (CATF).

Main objective: This workshop aims to present the main regulatory measures for methane emissions control and reduction in the oil & gas sector, which will be considered by ASEA staff, with the collaboration of the agencies represented in the workshop, for incorporating them into the general provisions in process of elaboration.

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DRAFT AGENDA

- 10:00-10:15 **Welcome and Introductions**
- Alejandro Carabias Icaza, Head of the Regulations and Legal Standards Unit, ASEA
- 10:15-12:00 **Regulatory measures for Venting & Flaring**
- Alexandra Teitz, Independent Consultant, Formerly Counselor to the Bureau of Land Management, Department of Interior, United States of America
- David McCabe, Senior Scientist, Clean Air Task Force
- To address the largest source of methane emissions from the Oil and Gas sector, ASEA is considering new regulations that would ban venting all along the value chain, except in emergency situations. To inform the regulatory design, this session will highlight current regulations on venting and flaring used in other countries and jurisdictions, including design, operation and maintenance specifications. Moreover, while flaring is preferred to venting, certain conditions need to be met to ensure industrial safety and environmental protection (burner efficiency and gas composition, among others); again, design, operation and maintenance specifications from international regulation and best practices will be presented.
- 12:00-12:15 Coffee Break
- 12:15-14:00 **Leak Detection and Repair Programs**
- Jim Nyarady, Manager, Oil and Gas Section, California Air Resources Board
- Roopa Ganapathy, Senior Program Engineer, Environment and Climate Change Canada
- After emissions from venting and flaring, leaks along the whole value chain represent the second largest source of methane emissions in the Oil & Gas sector. Leak Detection And Repair programs (LDAR) are a good option to reduce those leaks but the regulatory measures on this subject vary substantially from one jurisdiction to another, and also differ across activity and facility types along the value chain. This session will present several existing regulatory measures and best practices per facility and activity (operation of LDAR, frequency, and so on) to help the Mexican authorities determine the appropriate regulatory approaches to include in their domestic regulations.

- 14:00–14:30 **Conclusions and Next Steps**
SENER/SEMARNAT/INECC/CATF/CCAP/ASEA
- 14:30-16:00 Lunch
- 16:00–18:00 **Meeting ASEA/CCAP/CATF**

