

## **Workshop on Methane Emissions in the Mexican Oil & Gas Sector**

### **Emissions sources and baseline**

Venue: National Agency for Industrial Safety and Environmental Protection of the Hydrocarbons Sector at Melchor Ocampo 469, Col. Nueva Anzures, Del. Miguel Hidalgo, C.P. 11590, Mexico City.

Date: May 23<sup>rd</sup>, 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 explore the various sources of methane emissions along the whole value chain of the oil and gas sector, as well as to determine the priorities for improving data collection, estimates and reporting, in order to contribute to the definition by ASEA of general provisions for their control and reduction, in coordination with other federal energy regulators.

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## Agenda

**10:00-10:15 Welcome and Introductions**

SENER/SEMARNAT/ASEA  
CATF/CCAP

**10:15-10:30 Update on Regulatory Progress and Timeline in Mexico**

Dora Luz Llanes Herrera (ASEA)

Progress to date on ASEA's general document (DACG) on methane emissions control, and other regulations published since last workshop.

**10:30-12:45 Understanding the sources and magnitude of emissions in the oil and gas system.**

David McCabe (CATF) and James Diamond/Mohamed Abdul (Environment and Climate Change, Canada)

Claudia Alejandra Octaviano Villasana (National Institute for Ecology and Climate Change, Mexico)

This session will explore the various sources of methane emissions along the whole value chain of the oil & gas sector. Highlighting the specific strategies employed in Canada and Mexico, the presentations will review a spectrum of approaches to estimating oil and gas sector emissions using 1) actual emissions data, and 2) emissions factors. In each case, we will consider the data and monitoring requirements underlying each approach and how these requirements compare to the current data available to the Mexican government. Outcomes for the session will include consideration of priorities for improving data collection and reporting, as applicable, to improve the accuracy of current emissions estimates.

**12:45-13:00 Coffee Break**

**13:00-14:00 Key Takeaways from the First Workshop on Fugitive Emissions**

Jonathan Banks (CATF, United States) and Pablo López (CCAP, United States)

Following the September 2016 workshop on best practices to reduce fugitive methane emissions, this session will share highlights and key takeaways. There will be an opportunity for participants to ask additional questions on best practice approaches and identify specific topics for inclusion in subsequent workshops.

14:00 – 15:00 Lunch at ASEA’s facilities

15:00-17:30 **Establishing a baseline**

James Diamond/Mohamed Abdul (Environment and Climate Change, Canada)

Claudia Alejandra Octaviano Villasana (National Institute for Ecology and Climate Change, Mexico)

Juan Carlos Arredondo Brun (Ministry of Environment and Natural Resources, Mexico)

Arturo Morán Romero (National Agency for Industrial Safety and Environmental Protection of the Hydrocarbons Sector, Mexico)

This session will look at how national [and sub-national] baselines have been set for the oil and gas sector as a whole and for individual operators. We will look at methods to project emissions levels over time, approaches used to report against baselines and processes for making adjustments to emissions baselines in cases where data improve or underlying factors are later found to be inaccurate. Outcomes include working together to define key elements of a strategy and process to define an emissions baseline, monitor progress, and make needed adjustments. This exercise will aid in establishing a sound methane emissions baseline, from which action to promote reduction can be determined.

17:30-18:00 **Conclusions and Next Steps**

This session will review key conclusions from the workshop and identify additional topics and speakers to cover in subsequent sessions to inform Mexico’s progress towards defining regulations to limit emissions from the oil and gas sector.