



TECHNICAL WORKSHOP

METHANE CAPTURE IN WASTEWATER TREATMENT PLANTS: TECHNOLOGIES AND PROFITABILITY

Agenda: Wednesday, 29 May 2019

Location: Hotel Galería Plaza de la Ciudad de México

(Hamburgo 195, Col. Juárez, CDMX).

Session Objective: Increase awareness of the techniques and technologies available for the capture and use of methane biogas from municipal wastewater treatment plants in Mexico.

Time	Activity	Participants
8:30 – 9:00	Registration.	All
9:00 – 9:15	Welcome. GMI in Mexico: Background and Objectives.	Government of Mexico, Tetra Tech
9:15 – 9:40	Presentation 1. Prospective of the wastewater treatment sector in Mexico.	CONAGUA
9:40 – 9:50	Question and Answer Session.	All
9:50 – 10:20	Presentation 2. Technologies for the anaerobic treatment of sludge at municipal WWTPs: generation, capture methane use, description of technologies, design considerations, startup, and operation.	Tetra Tech
10:20 – 10:30	Question and Answer Session.	All
10:30 - 11:00	Presentation 3. Energy valorization of biogas at WWTPs: new installations, retrofit, rehabilitation, expansion.	Leodegario López, Tetra Tech
11:00 – 11:10	Question and Answer Session.	All
11:10 - 11:20	Break	All participants
11:20 – 11:50	Presentation 4. Case Studies: 1) Action plan for project implementation, 2) Calculation of parameters, 3) Estimation of emission reductions.	Tetra Tech
11:50 - 12:00	Question and Answer Session.	All
12:00 – 12:30	Presentation 5. National and international experiences, and	Leodegario López,

	new technological trends in projects with potential of methane capture: co-digestion as an alternative to enhance the production of methane.	Tetra Tech
12:30 – 12:40	Question and Answer Session.	All
12:40 – 13:10	Presentation 6. The regulatory framework of the energy generation and consumption projects.	Rogelio Avendaño, Tetra Tech
13:10 – 13:20	Question and Answer Session.	
13:20 – 13:50	Presentation 7. Financing alternatives from the Development Banks.	BANOBRAS
13:50 – 14:00	Question and Answer Session.	All
14:00 – 15:00	Lunch	All participants
15:00 – 15:45	Presentation 8. Social Profitability in the feasibility process of implementing wastewater treatment projects.	Alejandro Gutiérrez, Tetra Tech
15:45 – 16:00	Question and Answer Session.	All
16:00 – 16:30	Conclusions and closing.	All