

**THE SUBCOMMITTEE OF AGRICULTURAL RESIDUES OF METHANE TO MARKETS**

**OVERCOMING THE BARRIERS FOR THE IMPLEMENTATION OF ANAEROBIC DIGESTION IN THE AGRICULTURAL SECTOR WORKSHOP**

*Hosted by SEMARNAT,  
Morelia Michoacán México  
April 23-24, 2008*

DAY 1:

<b>Time</b>	<b>Subjects</b>	<b>Lecturer</b>
9:00 – 9:15	Workshop's opening	The Minister of SEMARNAT
9:15 – 9:40	Introduction to the Workshop: Update of the Action Plan of the Agricultural Subcommittee	Co-chairs. J. Hilbert – Jeremy Eppel.

**ADVANCES AND PERSPECTIVES OF THE USE OF ANAEROBIC DIGESTIÓN IN MEXICO**

*Moderator: Raúl Tornel*

<b>Time</b>	<b>Subjects</b>	<b>Lecturer</b>
9:40 – 10:05	Institutional aspects for the reduction of emissions and the impulse of the bioenergies in Mexico	M. em C. Edgar del Villar, Chief of Staff of the Undersecretary of Promotion and Environmental Normativity. Mexican Ministry of Environment and Natural Resources (SEMARNAT)
10:05 - 10:30	The situation of the agropecuary sector in México	Dr. Luis Villamar Angulo. Promotion of Swine, Poultry and other species Director. Ministry of Agriculture (SAGARPA)
10:30 - 10:50	The Vision of the producers to implement the anaerobic digestión	Sr. Ernesto Aceves Torres. Mexican Swine producer `s Federation .
10:50 - 11:30	<b><i>Session of questions and answers</i></b>	

11:30 – 18:00

***Visits to farms in La Piedad Michoacán***

## DAY 2: BARRIER IDENTIFICATION AND LESSONS LEARNED FOR THE USE OF ANAEROBIC DIGESTION IN THE REGION

*Moderator:*

<b>Time</b>	<b>Subjects</b>	<b>Lecturer</b>
9:00 - 9:20	Barrier identification and lessons learned in Argentina	Jorge Hilbert Ministry of Environment in Argentina I
9:20 - 09:40	Barrier identification and lessons learned in India	Vinayak Parihar, Spandan Director
9:40 - 10:00	Barrier identification and lessons learned in México	Lic. Luis Alberto López Carbajal Director General del sector Primario y recursos Naturales renovables. SEMARNAT
10:00 – 10:40	<b><i>Session of questions and answers</i></b>	

10:-40 – 11:00

***Coffee Break***

## PANEL 1: TECHNOLOGIES FOR THE CONSTRUCTION OF ANAEROBIC BIODIGESTORS

*Moderator: Miguel Franco, PA Consulting*

<b>Time</b>	<b>Subjects</b>	<b>Lecturer</b>
11:00 – 11:20	Construction of anaerobic biodigestors for small farms in China	Yufang Sun Center of Science and thechnology of development. Ministry of Agriculture
11:20 – 11:40	Technology for anaerobic biodigestors in Thailand	Arux Chaiyakul, Department of Livestock Development
11:40 – 12:00	Anaerobic Digestion across modular structures	Mark A. Moser, RCM Digesters, USA
12:00 – 12:20	Technology for biodigestors in small farms in Mexico	Dr. Gerardo Salazar G. Instituto Nacional de Investigación Forestal y Agropecuarias (INIFAP)
12:20 – 12:40	Potential Secyors for Anaerobic biodigestion	Dennis Shanklin Environmental Fabrics, Inc.
12:40 – 13:00	<b><i>Session of questions and answers</i></b>	

13:00 – 14:00

***Lunch***

## PANEL 2: USE OF ELECTRICAL – THERMAL ENERGY

*Moderator: Erin Birgfeld EPA*

<b>Time</b>	<b>Subjects</b>	<b>Lecturer</b>
14:00 – 14:20	Electric use of biogas	Galen Weaver, Martin Machinery, Inc. USA
14:20 – 14:40	Thermal use of biogas	Alex Eaton, International Renewable Resources Institute (IRRI)
14:40 – 15:10	<b><i>Session of questions and answers</i></b>	

## OPPORTUNITIES OF FINANCING FOR ANAEROBIC DIGESTION AND THE USE OF BIOGAS

*Moderator: Lic. Luis Alberto López Carbajal*

<b>Time</b>	<b>Subjects</b>	<b>Lecturer</b>
15:10 – 15:25	Options of financing for anaerobic digestion and the use of biogas in Mexico	Dr. Rodrigo Diez de Sollano. Share Risk Trustfund. Fideicomiso de Riesgo Compartido (FIRCO, SAGARPA)
15:25 - 15:45	Funding options for biogas use in Mexico	Job Garcia Mendoza, Energy Saving Trustfund
15:45 – 16:00	Options of financing for anaerobic digestion and the use of biogas in the world	Roberto Aiello World Bank

16:00 – 16:20

***Coffee Break***

## ADVANCES AND PERSPECTIVES IN THE INITIATIVE M2M IN MEXICO

16:20 -16:40	Mexican's advances in the M2M initiative	Mark Oven, PA Consulting
16:40 – 17:00	Agricultural subcommittee of M2M in Mexico: Challenges in the short and medium term	Ing. Araceli Arredondo Valdès. SEMARNAT
17:00 – 18:00	Session on perspectives to overcome the barriers of the promotion of the anaerobic digestion	Co-Chairs :J. Hilbert y J. Appel
18:00 - 18:30	Conclusions and recommendations	Co-chairs J. Hilbert y J. Appel

18:30

***Clousure***

AREA OF POSTERS: the participants are invited to present topics or case studies related to the capture and utilization of methane in posters and flyers. The posters must measure 0.9 to 1.20 m of height and of 0.80 to 0.90 m of width. The poster must be legible of a distance at least of 1.50 m. The area is limited to 25 cartels.