

## WORKSHOP PROGRAM

9:00 – 9:20a	<b>OPENING SESSION: WORKSHOP OBJECTIVES – ISWA AND M2M</b>
9:20 – 9:40a	<b>WASTE AND CLIMATE CHANGE</b>  Atilio Savino   ISWA
9:40 – 10:20a	<b>LAC SOLID WASTE SECTOR OVERVIEW</b>  Horacio Terraza   Inter American Development Bank  Pablo Mesa   Secretariat of Environment & Sustainable Development
10:20 – 10:50a	<b>LANDFILL &amp; LANDFILL GAS BASICS</b>  James Law, PE, LEED AP   SCS Engineers <i>Landfill Operations Basics</i> <ul style="list-style-type: none"><li>• Working Face Management</li><li>• Cover Material – Daily Cover and Alternative Cover</li><li>• Leachate Management</li></ul>
10:50– 11:20a	<b>COFFEE BREAK</b>
11:20 – 11:40a	<b>LANDFILL &amp; LANDFILL GAS BASICS, CONTINUED</b>  Juan Pablo Weihs   Asociación para el Estudio de los Residuos Sólidos (ARS) <i>Overview of Gas Collection and Control System</i>
11:40 – 12:20p	<b>LANDFILL GAS-TO-ENERGY PROJECT SYSTEMS AND PROJECT PLANNING</b>  Jim Michelsen   SCS Engineers <i>LFGE Project Types: Electricity, Direct Use and High BTU</i>  Tom Frankiewicz   United States Environmental Protection Agency (US EPA) <i>Landfill Biogas Project Planning and Overall Project Costs</i>
12:20 – 1:40p	<b>LUNCH</b>
1:40 – 3:00p	<b>LFGE CASE STUDIES FROM M2M PARTNER COUNTRIES</b>  <i>Electricity:</i> Manuel Romero De La Iglesia   Secretaria do Verde e do Meio Ambiente, Prefeitura Municipal de Sao Paulo

*LFG Electricity Projects in Sao Paulo*

**Direct Use:**

**Bill Cummings | Kimberly-Clark Corporation**

*U.S. Landfill Gas Direct Use Case Study -- Kimberly-Clark & Three Rivers Solid Waste Authority*

**Estela Santalla | Universidad Nacional del Centro de la Provincia de Buenos Aires (UNCPBA)**

*LFG-Fueled Medical Waste Incinerator at Olavarria Landfill, Argentina*

**Juan Pablo Weihs | ARS**

*LFG-Fueled Infrared Heater at Escobar Landfill, Argentina*

**3:00 – 3:30p**

**COFFEE BREAK**

**3:30 – 4:20p**

**LFGE CASE STUDIES FROM M2M PARTNER COUNTRIES, CONTINUED**

**Direct Use:**

**Ing. Luis Rafael Ordoñez | Promotora Ambiental S.A. (PASA)**

*Leachate Evaporator, El Verde Landfill, León Guanajuato, México*

**High BTU:**

**Ian Nelson | Metrogas**

*Chile High BTU Project, La Farfana, Waste Water Treatment Facility Santiago, Chile*

**LFGE Case Studies Q&A**

**4:20 – 5:00p**

**LANDFILL ENERGY PROJECT ECONOMICS, FINANCING AND SELECTED INCENTIVES**

**Jose Henrique Penido Monteiro | Companhia Municipal de Limpeza Urbana (COMLURB)**

- *How Projects are Getting Done*
- *Sources of Financing*
- *Any Federal or State Incentives*

**5:00 – 5:30p**

**SUMMARY AND STAKEHOLDER DISCUSSION: U.S. EPA**

**5:30p**

**Closing Remarks – ISWA and M2M**

**RECEPTION TO FOLLOW IN EXPO HALL**

**A Note Regarding Enrollment:**

*Please register early as space is limited. Priority will be given to those attending and confirmed for the ISWA Beacon Conference. Once participants have been confirmed, those only attending the M2M Workshop will be confirmed, as space permits.*

**Location: Universidad I-Salud - Venezuela 931, Buenos Aires, Argentina**