Biogas Subcommittee

2016-2017 Update and Plans for 2018-2019

Chris Voell, Co-Chair, GMI Biogas Subcommittee
2016-2017 Highlights

▪ Formation of Biogas Subcommittee
  – Combined Agriculture, Waste and Wastewater Subcommittees
  – Developed process & structure (Chairs, Vice Chairs, Tech Leads, PN Members)
  – Co-Chairs: Matthew Hamilton, Environment & Climate Change Canada; Jorge Hilbert, INTA (Argentina); Chris Voell, EPA (US)

▪ Primary Collaboration

▪ Geographic Focus
  – Latin America, Eastern Europe, Southeast Asia, Africa

▪ Tools and Resources
  – BioWATT; Anaerobic Digestion, Solid Waste Emissions & LFG Screening Tools; Agriculture Resource Assessments; Manure Digester Assessment

▪ Outreach
  – ISWA World Congress, European Biogas Conference, World Biogas Expo, Latin America Biogas Conference, International ManuREsource Conference
2018-2019 Action Plan

- **Geographic Focus**
  - China, India, Mexico (Kazakhstan)
    - Large commitments and opportunity for collaboration

- **Technical Areas**
  - Landfill gas capture and biogas energy recovery
  - Best practices for food/organic waste & wastewater treatment
  - Advanced manure management & sustainable agriculture
  - Renewable natural gas production
  - Co-digestion of sludge, manure, ag residuals and food wastes

- **Strategic Initiatives**
  - Support existing national schemes
    - China Low Carbon Cities, India GOBAR-Dhan, Mexico?
  - National methane strategy development
  - CCAC Interface – Waste and Agriculture

- **Outputs**
  - Project and policy success stories; standardized training and learning platforms; business and financing models; biogas branding; collaborative outreach.