

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**
 - Partner Countries, Project Network Representatives, CCAC Waste Initiative, C40, International Solid Waste Assn, World Biogas Association
- **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.