Agriculture Subcommittee Meeting

13 March 2013

Vancouver, Canada

Co-Chair Allison Costa (United States)

Global Methane Initiative

Agenda

- Welcome and Introductions
- Country Updates
- Action Items for the Year
  - International Agriculture Case Study Guide
- Enteric Fermentation
- Summary of Action Items

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Welcome and Introductions

- Please state:
  - Your name,
  - Your country, and
  - You organization

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Country Updates

- Please provide a 5 minute overview of GMI activities in your country. It may include:
  - Summary of agriculture activities
  - Methane reduction activities
  - Incentives and benefits for methane reduction and renewable energy
  - Barriers to adoption of anaerobic digestion

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International Agriculture Case Study Guide

- In Singapore, the Subcommittee suggested the compilation of case studies as a project for the year
- The Guide was created using case studies submitted from the Subcommittee

Successful Applications of Anaerobic Digestion from Across the World

Global Methane Initiative - Introduction

The Global Methane Initiative (GMI) is an international public-private initiative of approximately 40 countries (37 partner countries and the European Commission – see *Figure 1*) that work together to promote methane emissions reductions around the world. Launched in 2004, GMI urged stronger international action to fight climate change while developing clean energy and stronger economies. GMI aims to advance cost effective, near-term methane abatement and recovery, and use of methane as a clean energy source. Through subcommittees it focuses on five sectors: agriculture, coal mines, municipal solid waste, oil and gas systems, and wastewater.

The GMI Agriculture Subcommittee aims to build capacity, develop strategies and markets, and remove barriers to methane mitigation project development in order to increase environmental quality, improve rural livelihoods, strengthen economies, and expand opportunities for renewable energy production and use. Additionally, facilitating the development of methane projects will also increase energy security, enhance economic growth, improve local air quality, and improve industrial safety. The United States, Argentina, and India co-chair the Subcommittee and work closely with delegates from all countries to achieve the goals of the Subcommittee.

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International Agriculture Case Study Guide Discussion

1. Does this document help promote the GMI goal to “build capacity, develop strategies and markets, and remove barriers to project development for methane reduction in the livestock and agro-industrial sectors”?
2. What additional information would you like to see captured to strengthen the message about benefits of AD systems?
3. Do you want to include a section on *AD Technology Evolution*? Where is AD technology going in the future, and should this be included in the document? Should this include a description of the basic AD systems’ installation and operation?
4. Are there images/photos that you recommend including to enhance the document?
5. Do you want to include a closing section on the challenges for AD systems? Or would you like to keep the document focused on the positive benefits?
6. Are there other project examples that can enhance the discussion of the financial, environmental, and social benefits?

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International Agriculture Case Study Guide Discussion (continued)

7. Are there other benefits within these three categories that should be included? Do you have examples to support those benefits
8. Under *Environmental Benefits*, do you want to include statistics about methane recapture, greenhouse gas offsets, etc? How would you like to see that information presented?
9. Under *Social Benefits*, do you have other examples that could be highlighted? Is there an example of a site where jobs were created? How many jobs?
10. Does the table of success stories capture everything submitted for this effort? All projects submitted should have representation in this table at least, if not throughout the report as additional examples. Should this table be included in the final document?
11. Do you agree with the selection of case studies highlighted? Do you have more information that can be included? What information would you like to see captured and reported for all case studies that is not currently represented? Are there other projects that could be used as case studies?

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Enteric Fermentation

- Update on methane reductions
  - Daniel Massé from Agriculture and Agri-Food Canada

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