

Methane Technology

"Mayberry meets Star Trek"

Presentation covers methane related technologies and the various groups advancing their development with the aim of commercialization and industry deployment.

Brad Morello Science & Policy Advisor - Air Photo courtesy of Avitas Systems, a GE venture

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Questions related to technology development

Identified?

Internally & externally; degrees of technology maturity

Evaluated?

 During development; based on chance of success (technical, environmental & safety benefit, scalability, and commercial risk)

Piloted?

- Prototype demonstration occurs at an asset level (business pull); technical evaluation through trial period
- Implemented?
 - Included in GHG Energy Management Plans; graduate to the Project Catalogue

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Optical Gas Imaging



Point Sensor



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Unmanned Aircraft Systems



Photos courtesy of Avitas Systems, a GE venture





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Observations: new technology development

Defining success

Better, Cheaper, Faster

Technology funding

Quick wins

Multi-use / Multi-mission

Sharing across industry



Time to harness

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