Overview of Proposed Stakeholder Surveys

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November 1st, 2017

UNIVERSITY OF ALBERTA

MIC Industry Workshop
Calgary, AB

Survey Objectives

- To summarize current MIC assessment and management practices used in industry

- To assess barriers to knowledge and technology transfer in the oil & gas sector

- To assess how novel MIC and genomics tools can best be adopted and integrated into practice

The goal is to better understand and improve how new ideas/technologies can best be translated to industry for practical application!

Summarize MIC assessment/management practices

- To better understand how MIC assessment and management practices vary amongst end-users and their specific sub-sectors (e.g. offshore vs. onshore).

- Various topics for consideration:

  - MIC detection/monitoring (including sampling methods) – What are the challenges in detecting MIC? How could this be improved? Do you trust your data?

  - MIC mitigation strategies - Are the current methods effective? Are they optimal?

  - MIC predictive methods - Are predictive models being used as part of risk-based management and/or inspection processes?

  - MIC failure investigations – How do you know it's MIC?

Barriers to knowledge and technology transfer

- Investigate knowledge transfer of MIC Information:
  - Between academia and industry – is there a connection (both ways)?
  - Genomics tools & methods – does industry understand these new technologies?

- Assess technology awareness and adoption in industry
  - How does industry learn about new ideas and products?
  - How do new technologies get adopted in the oil & gas sector? How long is the process?
  - Is the uptake company dependent? What are the barriers?

Adoption strategies for novel tools/methods

- Map the MIC management value/supply chain
  - Where along the chain are key decisions being made?
  - Who makes those recommendations and/or decisions?
  - What is the relationship between end users/operators, service companies, suppliers, technology providers, etc?
- Identify new methods and tools for MIC detection and mitigation (what is currently available?)
- Identify specific strategies for adoption of new genomics based methods and tools by industry
  - How can a new be introduced to maximize its adoption technology? End user or supplier driven (or both)?
- Develop select case studies to highlight these strategies including cost/benefit analysis.

Survey Methodology

- A range of stakeholder groups (different perpectives):

  - End users/Operators
  - Service Companies/Suppliers
  - Consultants
  - Government/Regulators
  - Academia

- Various survey formats (each has pros and cons):

  - Questionnaires
  - Interviews
  - On-line surveys

- Surveys considered confidential; datasets to be aggregated

Survey Status

- A draft survey has been developed and beta-tested (further work required to tailor surveys to specific target audience and area of interest).

- Contact list and implementation plan being developed.

- Plan to roll-out in early 2018.

- Continuing to look for participants.

We Want You!

Contact Info

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Thank you for your attention!