



Oil Source Rock Workshop

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Offshore Geoscience R&D Priorities

Geoscience research priorities for the next 4 years – developed from a process that built consensus amongst DOE, CNSOPB, GSC and OERA.



Five priority programs identified to:

Address gaps in the PFA

Support planned Calls for Bids

Increase geoscience knowledge in relatively unexplored areas

Provide fresh information to industry on a regular basis

Source Rock R&D Program

R&D priorities include further investigation of the various source rocks offshore Nova Scotia to build on the evidence in the PFA

Industry indicated that this is a program of interest which they may be willing to support

The program has not been fully developed - further input needed to define the elements of the program, their costs, etc.

Workshop Objectives

Develop the details for a proposed multi-year collaborative & sustainable R&D program to address gaps in our understanding of oil source rock

Through the R&D program generate information that will support future Calls for Bids and influence industry exploration interest, i.e. reduce exploration risk

Establish and grow long term research capabilities and capacity in key geoscience areas that will improve understanding of offshore petroleum resources and support industry activity

What We Want You to Discuss

Current Knowledge base - past work, outcomes & conclusions, existing data

Gaps in current understanding of oil & gas source rock

What can be done with existing data; additional data requirements to address outstanding questions

Specific projects required to address the gaps; deliverables expected from the work

The sequencing and timing for the work; key decision points to determine if the program should continue.

Order of magnitude estimate of the preliminary cost of the various projects

Workshop Structure

Background Information Sessions

- PFA overview and geochemistry projects
- Other research projects and studies

Breakout Discussions and Reporting

- Morning – 2 concurrent morning sessions with questions; reporting and discussions
- Afternoon - 2 concurrent morning sessions with questions; reporting and discussions

Conclusions and Next Steps

- Summary of main points and key conclusions for discussions
- Advancing the research program

Anticipated Outcomes

A thorough discussion of all areas needed to develop the research program



A record of key points raised during the discussions.



Buy-in from workshop participants to the objectives and work required for the program



Sufficient information to enable the development of a detailed program plan that can be used to secure program funding and enable implementation.

Concluding Comments

Near term value of the workshop

- Common view of source rock research needs
- Consensus on a collaborative R&D program
- Roadmap for moving forward

Longer term outcomes

- Results that will reduce risk and benefit exploration
- Development of sustainable long term petroleum systems research capability in Nova Scotia



Thank you