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Case Studies in Alberta: Profitable Methane Abatement Projects

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Winning the Methane Challenge

Alberta oil and gas operators have a unique opportunity to profit from early compliance on impending Provincial and Federal methane regulations. Current work is led by some of the largest operators in the industry, with many mid-cap and smaller operators beginning to conduct their own feasibility assessments. Appropriate execution management and data management systems will be critical for the successful implementation and monitoring of such projects. Cap-Op will present several case studies of innovative operators who have taken early action to reduce their methane emissions profitably.

1. Introduction to Methane and GHG Accounting
2. Highlight of Regulatory Environment Concerning Methane Emissions
3. Examples of High-Impact Methane Reduction Projects/Processes
4. Case Studies Successful/Unsuccessful Projects (including type of projects, economics of the project, and specific technical or operational requirements)
 - a. Case #1: Pneumatic Device Conversions (**NTD: this is an example of success**)
 - b. Case #2: Solution Gas Abatement (**NTD: this is an example of failure/challenges**)
 - c. Case #3: Engine Fuel Management (**NTD: this is an example with a mix of win/loss**)
5. Key Take-Away Points for Future Methane Abatement Projects and Other Considerations
6. Questions

Conclusions

The regulatory structure of impending and existing methane rules are allowing some producers to save significant compliance cost – and even generate profits – where they are willing and able to be rewarded for being proactive.

References

https://context.capp.ca/articles/2018/profile_capop