

IADC ART Energy Efficiency Project Proposal

Project Proposal Title

Emission forecasting and reporting workgroup

Project Description

In the current environment of reduced emissions goals and the energy transition, reliable emissions measurements are increasingly becoming important to making impactful decisions in reducing our industry's carbon footprint.

The problem is that the methods used to quantify direct emissions are somewhat arbitrary, such as the U.S. EPA standard, and there is no unified standard for forecasting emission levels, measuring or reporting, that are specific to the drilling phase of oil and gas activity. This project intends to address that gap, without duplicating what the IADC ESG Workgroup is focused on (the company-wide emission intensity and sustainability reporting).

It is proposed that the Energy Efficiency Subcommittee, with primary representation from the drilling contractor community and from the rest of the industry, explore technologies and tools which can be used for monitoring, forecasting, and reporting the emission levels from rig drilling operations. The group shall closely collaborate with ESG Workgroup and other relevant committees to ensure alignment and avoid any overlapping in the ongoing activities. The outcome should be a recommended practice document that will aide both drilling contractors and operators and collaborate in measuring improvements in emission reductions efforts