



## ADED Revised Controlled Testing Protocol – Spring 2025



### Background

Objectives of the Advancing Development of Emissions Detection (ADED) methane test protocol, which began several years ago include:

- 1) testing that reliably assess the performance of leak detection and quantification solutions under a range of representative field conditions at a controlled test facility (METEC);
- 2) conducting a comprehensive, multi-solution, field trial including a range of facility types across different oil and gas basins;
- 3) advancing the state of solution testing to be scientifically rigorous, affordable, repeatable, and adaptable to field conditions, and make this knowledge available to all stakeholders; and
- 4) propose test standards from the previous objectives that can be adopted and adapted by state and federal regulatory agencies for regulatory approval of leak detection and quantification solutions.

### ADED Controlled Testing – 2025

CSU will perform controlled testing of continuous monitoring systems at METEC in 2025 following the Revised ADED style protocol updated in the METEC 2.0 program. This controlled test protocol is designed to evaluate observation, localization, quantification, and alerting metrics of continuous monitoring (CM) solutions.

### Participation requirements

To participate, each solution must:

- **Report observation and alert data following format and method discussed in the METEC 2.0 protocol (under revision)**
- Have site access and confidentiality agreement in place with CSU METEC
- Commit the system to be installed for the duration of the testing program

### Test Window

The testing time period will be between February and May 2025, with exact dates and costs being finalized and will be shared in the near future.

Interested?

Submit [this form to reserve a spot](#).

Questions? Contact [METEC Admin@ColoState.edu](mailto:METEC_Admin@ColoState.edu)