



## Methane Module



### Quantify, understand and reduce methane emissions.

#### Benefits

- Measure, quantify and track methane volume (and aggregate intensity) in real time from primary sources, for example:
  - incomplete combustion of fuel gas
  - incomplete combustion of flare gas
  - process related methane releases (venting):
    - gas turbine fuel system purges
    - compressor seal leakage
    - TEG and amine regeneration packages
- Reduce and minimise methane emissions as part of day-to-day operations
- Save time and resources on complex calculations and reporting
- Provide data-driven input to operating scenarios and strategies
- Contribute to and support overall Methane Action Plan requirements

#### Features

- Monitor and visualise methane emissions in real time, with improved accuracy to include incomplete combustion
- Identify opportunities to minimise methane emissions in real time and track savings
- Identify hidden increases in methane releases i.e. from passing valves
- Analyse historical events, classifications and contributors, track and forecast emissions related budgets and feed into abatement strategies

*Methane is part of a range of AI-driven modules designed by OPEX to help asset teams address specific business challenges.*