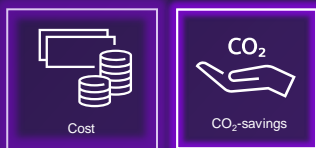
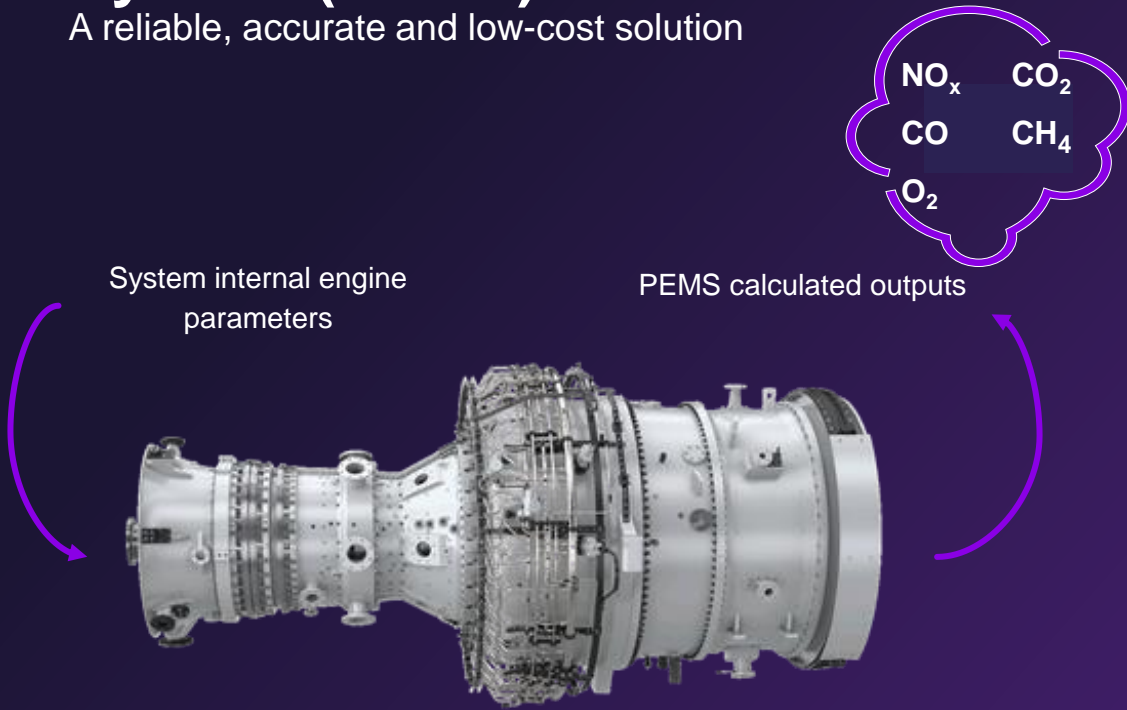


# Predictive Emissions Monitoring System (PEMS)

A reliable, accurate and low-cost solution



CO<sub>2</sub> measures emission impact

## Product Overview

Siemens Energy offers a solution for reliable and accurate emissions monitoring powered by OEM knowledge and experience.

- System internal engine parameters such as mass flow and power output, along with a statistical data-driven emission model can continuously predict the exhaust emissions. The predicted outputs are CO<sub>2</sub>, CO, NO<sub>x</sub> and O<sub>2</sub> levels



## Improved Features

- The solution requires connected equipment
- It is a certified ready solution\*



## Benefits

- Highly cost efficient both from CAPEX and OPEX perspective
- No additional equipment is needed
- Does not require any operator skills or maintenance from site personnel
- Can be used in conjunction with Continuous Emissions Measurement System (CEMS) to provide a 2<sup>nd</sup> emissions prediction.



## Scope of work & Implementation

- Solution in pilot implementation phase

