

CHALLENGE FOUR

Building a greenhouse gas smart meter to reduce emissions



Industry Context:

- Offshore production platforms generate greenhouse gas emissions (GHG) as part of normal operation. There are two main sources of emissions:
 - From generation of electricity to power the equipment on the platform
 - Gas burnt in a flare for safety and operational reasons
- The total GHG emissions for a platform are well known and measured but typically on a monthly basis and at a high level

The Challenge:

- Create a tool to see how all the individual pieces of equipment on the platform contribute to the total emissions on a live, continuous basis
- Provide insights empowering operations to make decisions that will reduce emissions