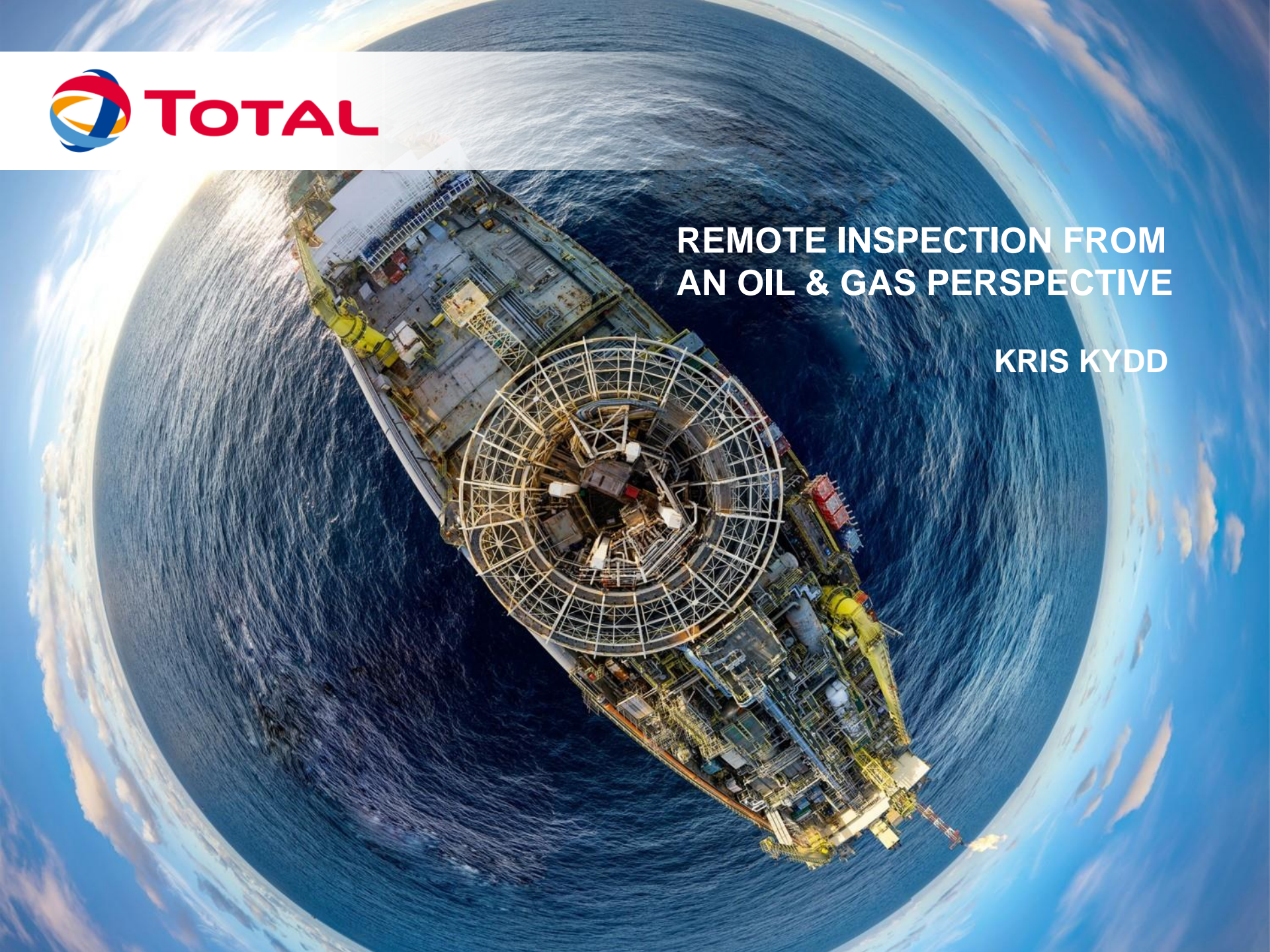




REMOTE INSPECTION FROM AN OIL & GAS PERSPECTIVE

KRIS KYDD



ARGOS CHALLENGE

CREATING THE FIRST AUTONOMOUS ROBOT FOR GAS AND OIL SITES



WWW.ARGOS-CHALLENGE.COM

**Operational
safety**

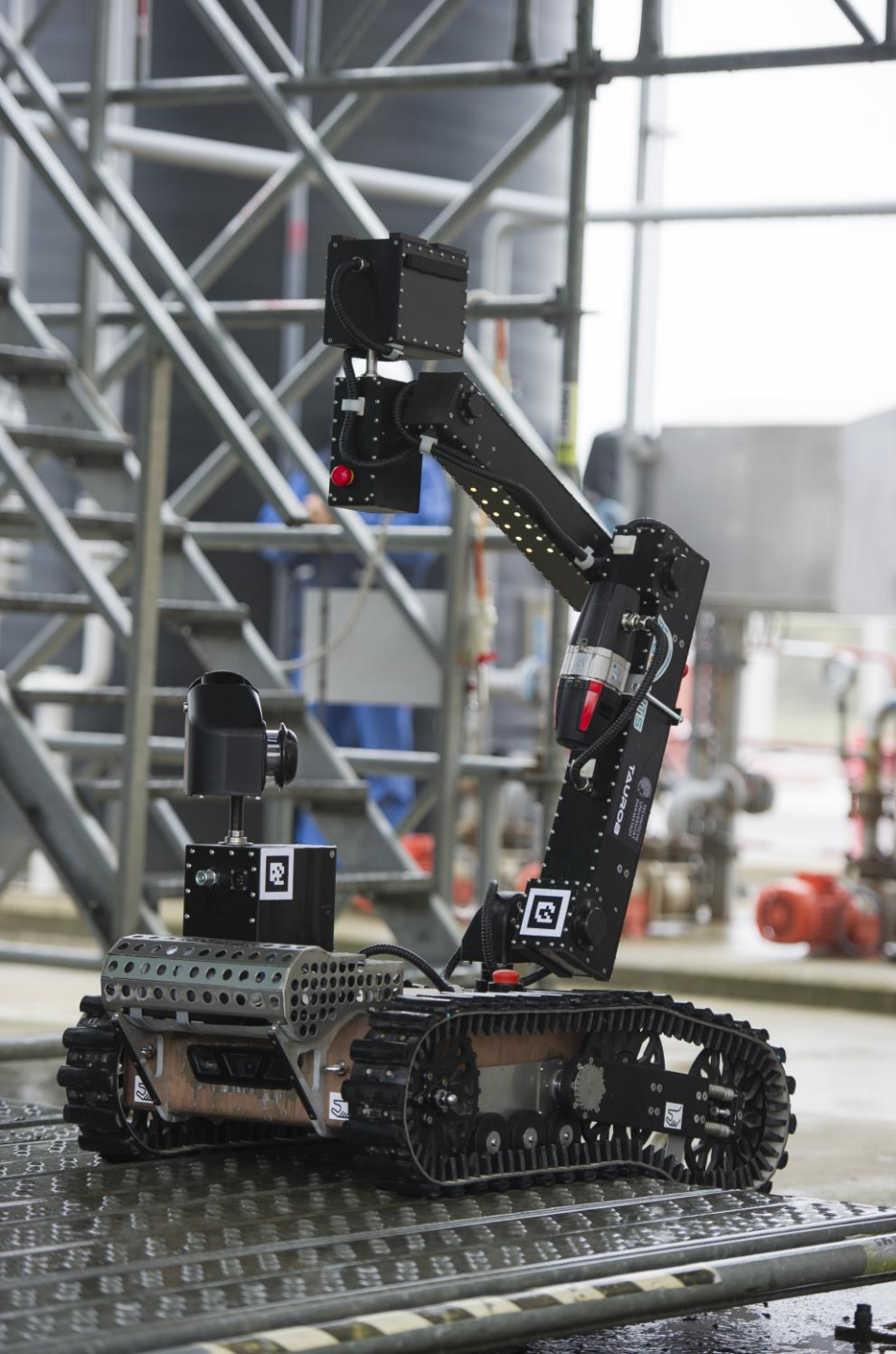
Robustness

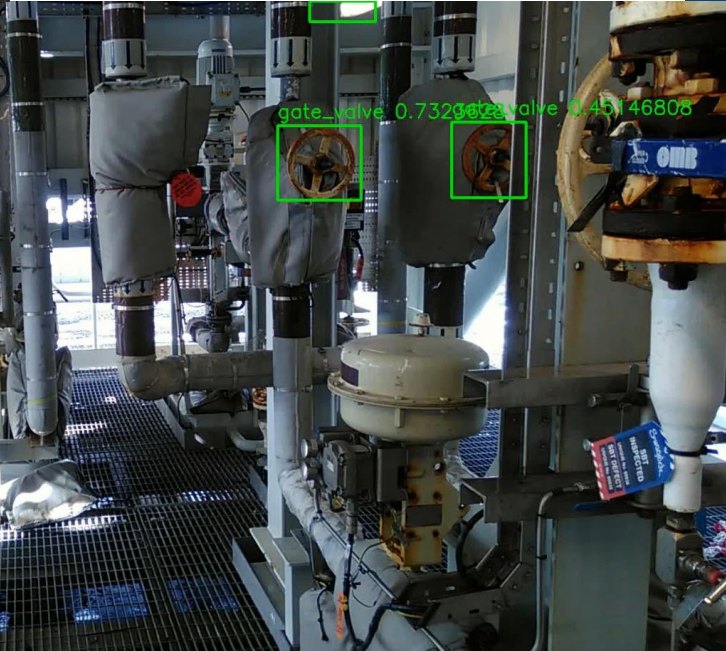
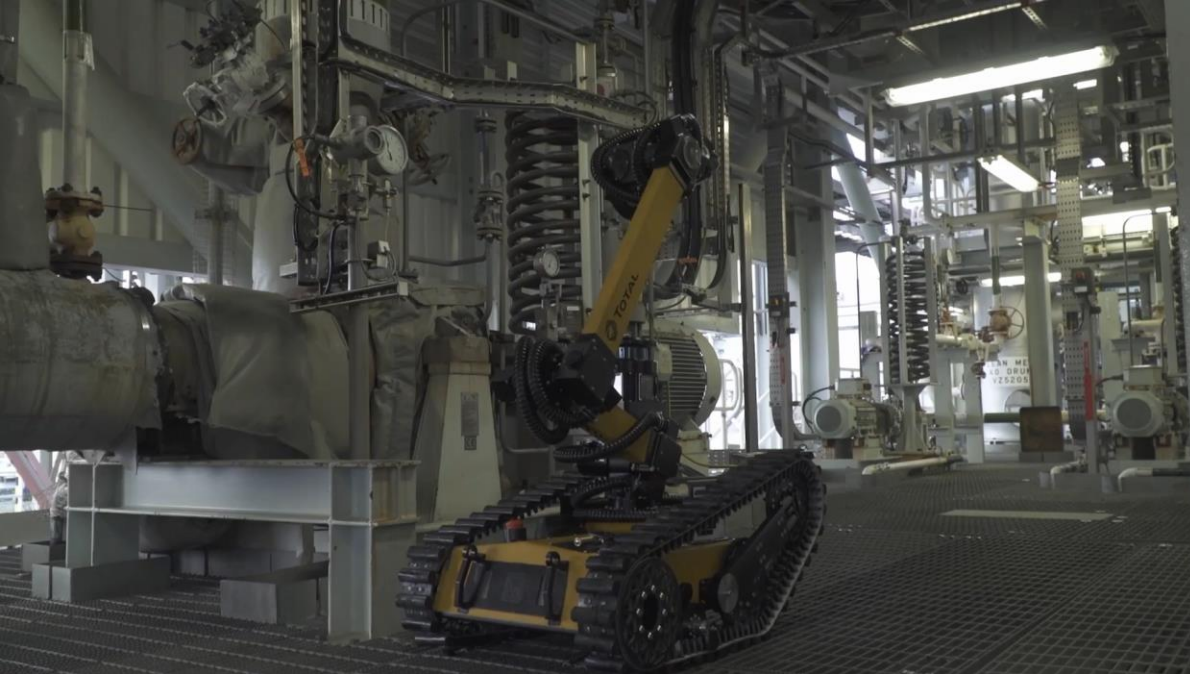
ATEX

System
reliability
and resilience

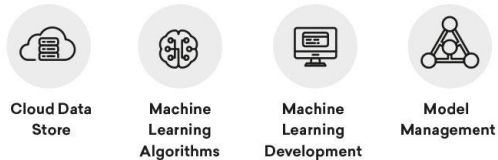
Autonomy
and supervision

R detections
e analysis
l reactions
i localization
a navigation
b
l
e

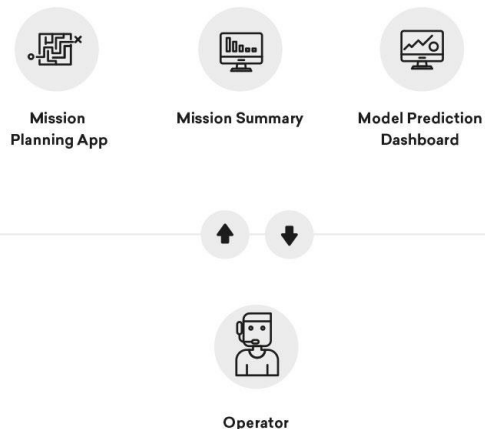




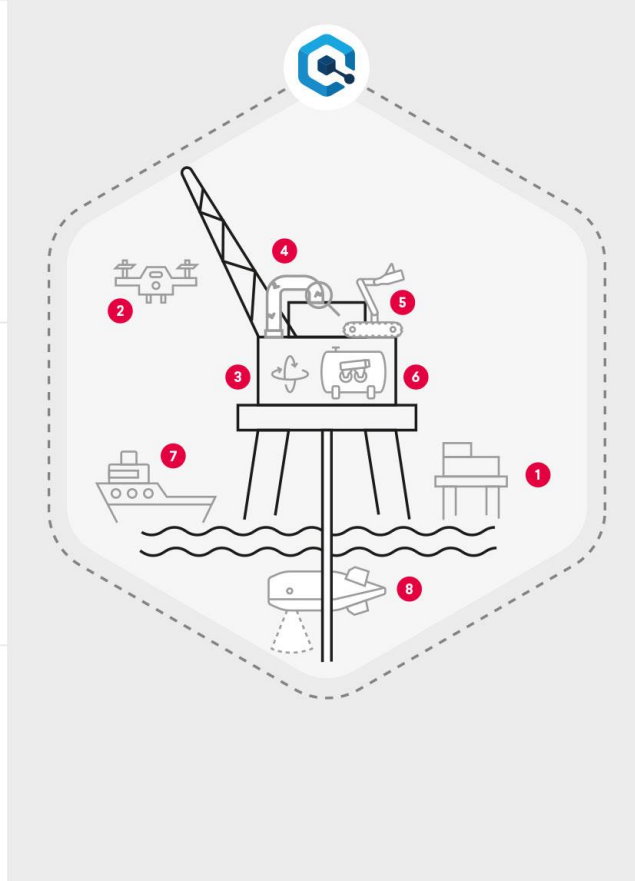
Cloud Base



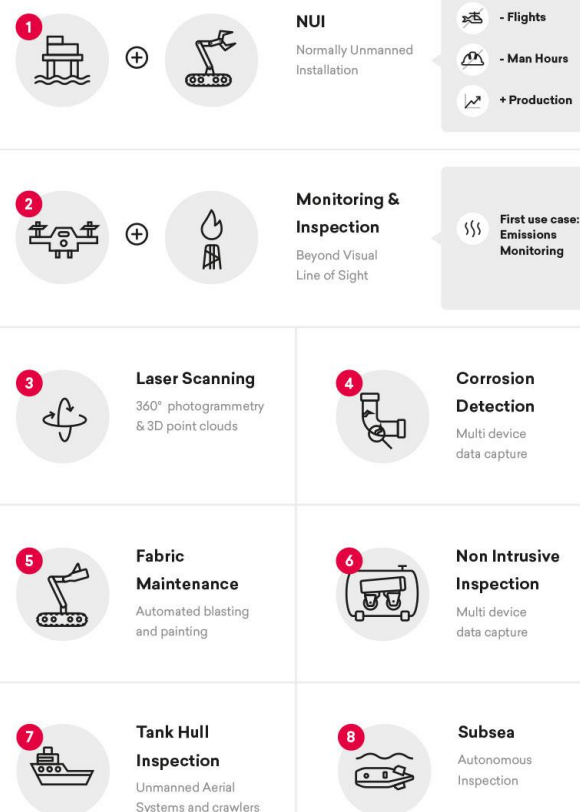
User interface



Devices & Data Capture



Use cases



Autonomy is not the main driving factor for adoption. Remote presence is. Only develop autonomy where it is needed to overcome latency or complement / improve on human ability to perform a task.