Emerson Erosion Monitoring solutions are deployed on FPSOs and offshore platforms to manage sand production. The uncontrolled presence of sand in pipelines does not only reduce capacity of production, but also affects pipeline integrity and safety, which can potentially damage downstream equipment. A combination of different monitoring solutions is recommended to properly understand and address erosion challenges.

**Emerson Sand Erosion Application**

- **Flawed Sand Management Strategy**
  - Erosion Event
  - Water breakthrough
  - Solids plug wellbore
  - Choke back
  - Production Halt
  - Well Intervention
  - Production Halt

- **Data Driven Sand Management Strategy**
  - Acceptable Sand Rate (ASR)

A Data Driven Sand Management Strategy increases production while keeping HSE conditions and facility integrity under control.

Consult your Emerson Automation Solutions representative for more information.