



■ Dow Chemical 2017 Review for EMT

13th February 2018

Operational Highlights 2017

- Environment – Design and planning of the Oxide Emission Reduction Project was completed in 2017 with kick off in Q1 2018
- Personal Safety – ‘Intervention is a Gift / Taking Unnecessary Risks’ safety program rolled out, completion of internal EHS integrated audit, use of boom lift with safeguard technology, installation of floor panels for top loading gantry as fall protection measure, Reporting of personal safety near misses
- Process safety – Safety Case submitted on 27/10/2017 with verification audit completed in January 2018



■ 2017 Personal Safety & LOPC Performance

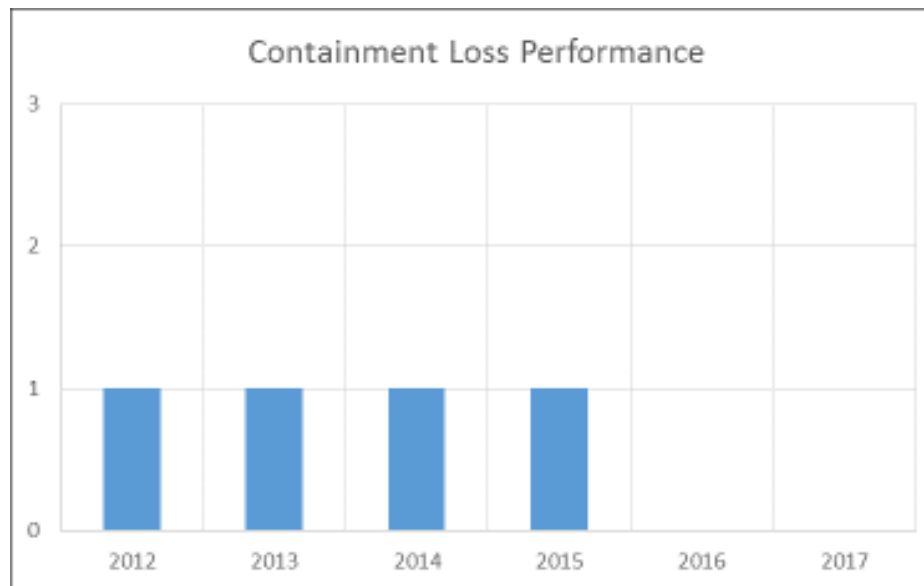
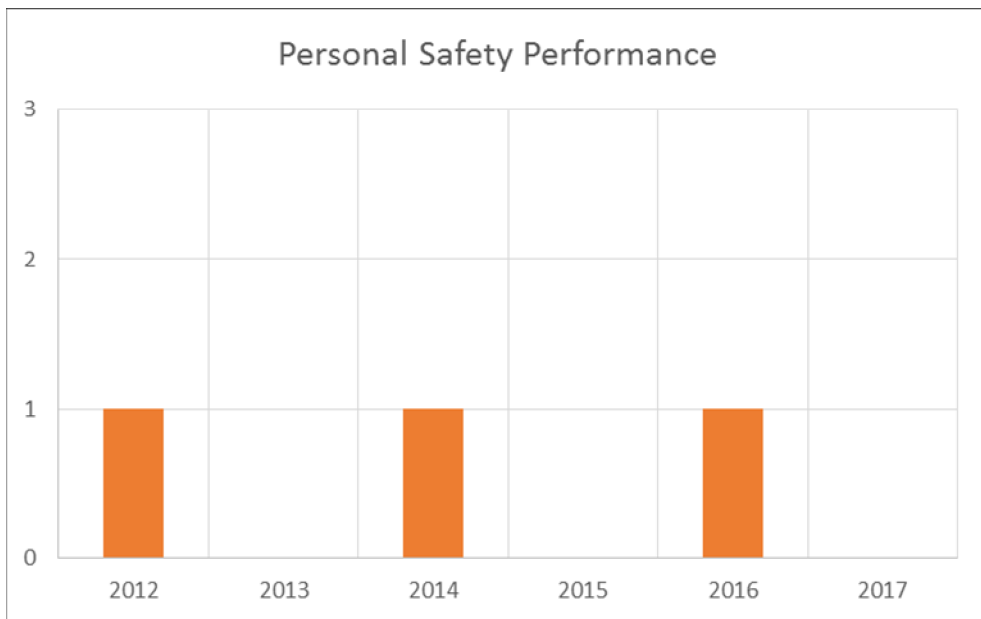
Personal injury:

- No recordable injury in 2017

Loss of Containment:

- No recordable containment loss event in 2017

2017 Personal Injury & Containment Loss Performance



■ 2017 Regulatory Compliance

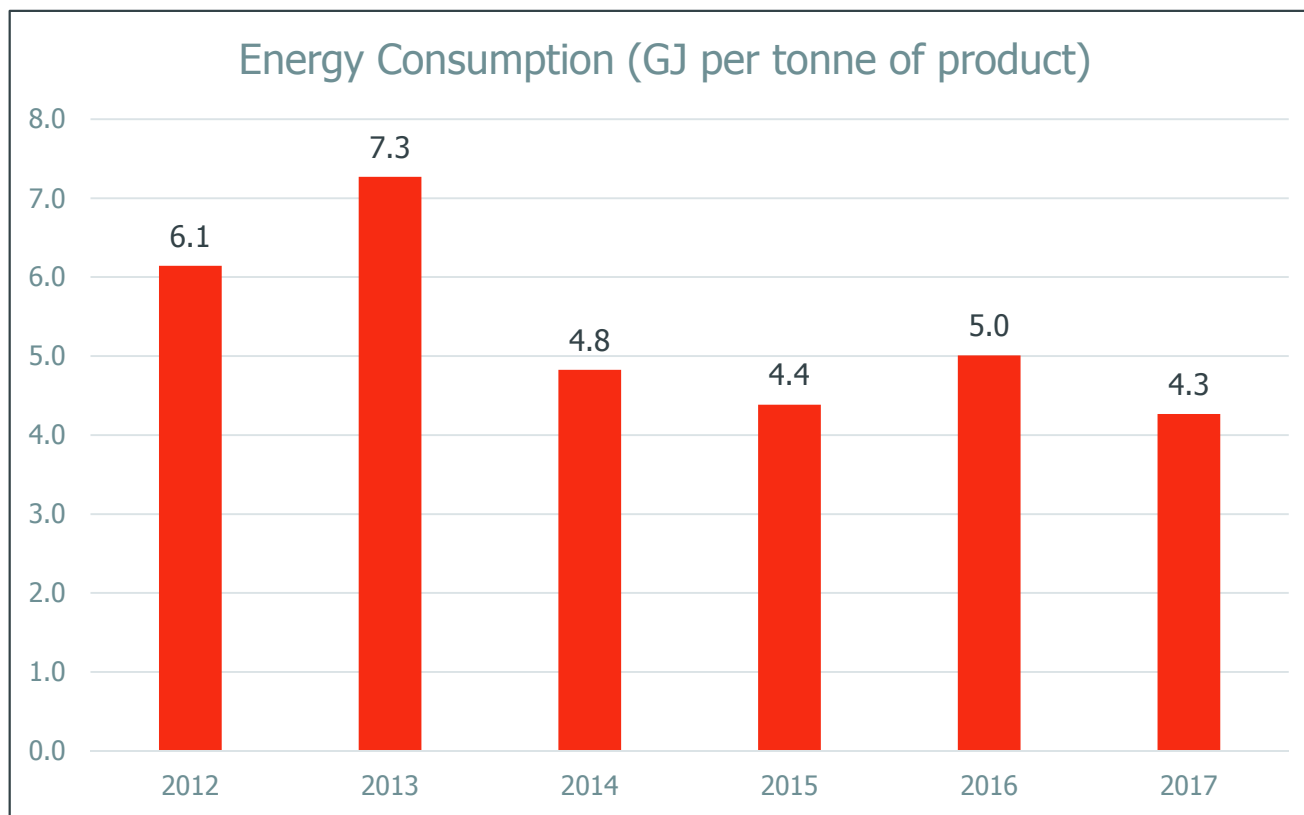
EPA:

- Groundwater clean-up notice continues for remediation activities
- Continuation of addressing improvement notices from Major Industries Assessment

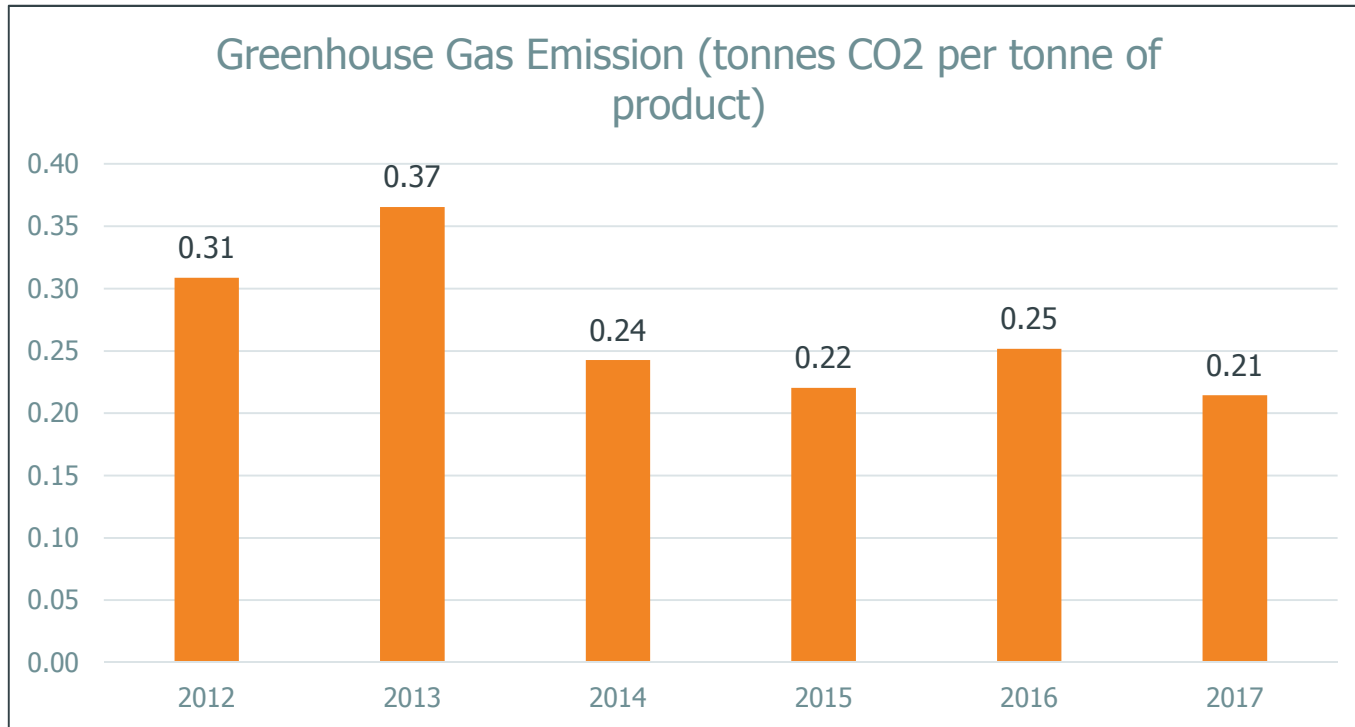
WorkSafe:

- No reportable event

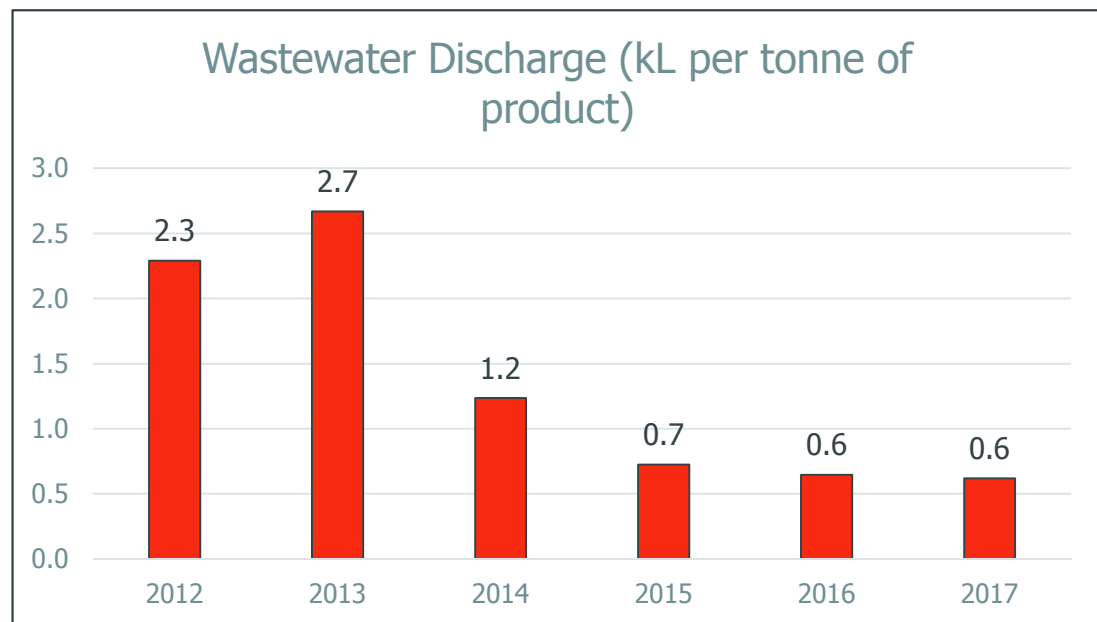
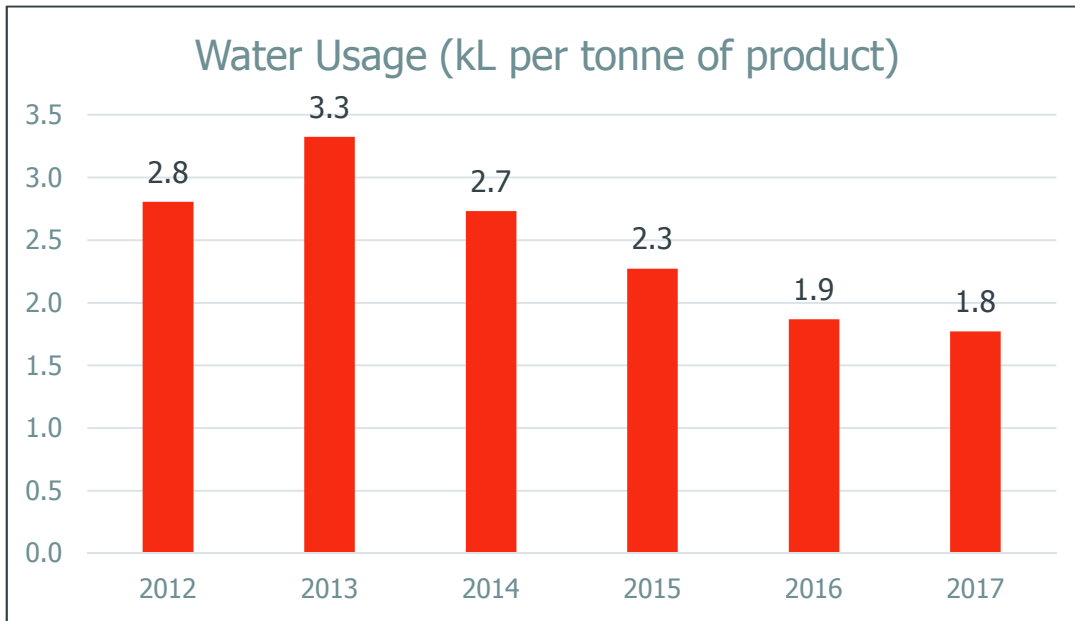
Resource Efficiency - Energy



Resource Efficiency – Greenhouse Gas



Resource Efficiency – Water



■ 2018 Improvement Plan

1. Continuation of Leading Indicator Reporting – near miss events
2. Oxide Emission Reduction Project
 - a. Installation and commissioning
3. Gap Assessment and Implementation of new Dow Operating Discipline Management System standards
4. Hardware addition to Distributed Control System to expand capacity of system
5. Site turnaround will be held late February – March 2018

■ Questions?

