



## Reliability is Good for Business

Reliable and safe operations are a cornerstone of Woodside's sustainability, helping to deliver on our production commitments and contributing to our licence to operate.

In 2009 Woodside implemented a new approach to record, rank, analyse, action and review actual or potential events that might impact production. This new approach is called the Operational Reliability Improvement Process, or ORIP.

### The Challenge

Woodside recognises the business benefits that arise from common processes, tools and reporting. In developing and implementing ORIP, Woodside sought to:

- Complement a culture of a High Reliability Organisation, one which is mindful and aware of its risks and facilitates the identification and correction of potential reliability issues;
- Drive a Continuous Improvement Culture, which is focused on Root Cause Analysis and Defect Elimination;
- Fulfil Woodside's "One Way" philosophy with respect to common processes, tools, reporting and application across all of its operating assets; and
- Be task-centric, with a focus on implementing actions in a timely manner.



### The Project

The current ORIP System began in 2007 with the development of a standard and a database, with a focus on the production facility and plant engineering areas of the business.

The standard was revised in 2008 to reflect the introduction of Root Cause Analysis methodology into ORIP. Root Cause Analysis is a problem-solving method aimed at finding the cause of the problem and managing with it, rather than dealing with the symptoms.

Since that time, a number of enhancements have been made to ORIP and all assets are now using the single ORIP database.

A key benefit of the ORIP approach is that Woodside can review production loss contributors across the business and ensure focus is applied to where it is needed most.

The single database also provides an opportunity to capture learnings and analysis for future activities.



ORIP is different to similar processes in that it allows for the management of potential production loss events. Anticipating and managing potential production impacts goes beyond protecting our production commitments. It also has the potential to minimise environmental or community impacts that might arise from a production loss.

## Achievements

ORIP's design ensures that Woodside has a robust, common and transparent system to realise the economic benefit in reducing the number of loss production events.

Significant potential savings have already been mitigated through the identification, analysis and actions taken in 2009 as a result of the company-wide application of ORIP. Further savings are expected with future application of the process.

ORIP underpins Woodside's ability to be a reliable supplier of energy to its Australian and international customers.

## More Information

All stakeholders are invited to contact Woodside for additional information at:

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