

Energia's workshops are unique opportunities to spend valuable time with industry experts. These interactive sessions are extended to ensure that you get to the heart of the conference's most critical issues and uncover practical solutions you can apply in your own company. When designing our workshops, we create a balance between theory and practice in order to provide you with practical takeaways that can be adapted for your organisation. In addition, there is an opportunity for you to network with peers from similar organisations to build your network for future career opportunities and broaden your industry perspective and exposure.

# MAINTENANCE STRATEGY OPTIMIZATION

What it means, why it matters  
and how to do it



23RD MAY 2022

9:00 A.M- 12:00 PM

FAIRMONT THE PALM- UAE



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# EXECUTIVE SUMMARY

These are challenging times for the oil and petrochemical industry as operating margins are reduced, and there is pressure to ensure that all manufacturing contributions are optimised. This often leads to pressure to cut costs, and the maintenance department is often targeted because it is an area of significant expenditure, both in normal and turnaround maintenance. However, it is important to understand that reliability and maintenance are inter-dependent; organisations spend money on maintenance and this expenditure delivers value by ensuring the integrity, reliability and availability of the plant to operate. The challenge is to optimise the overall contribution so that the cost of maintenance and the value it delivers are properly understood and managed. It is important to recognize that the concepts of Reliability go beyond the assets to the organisation, its culture and its employees. Assets cannot be reliable unless they are managed by organisations that have reliable processes and reliable employees.

## WHAT TO EXPECT

This workshop will be split into several sections, building from fundamental principles to more complex concepts as outlined below.

- Fundamental principles of Reliability and Maintenance.
- Reliability and Maintenance methodologies and processes.
- Maintenance Strategy optimization and the associated financial value
- Reliability and Maintenance performance improvement, and the role of bench marking.
- Learning and insights from the Solomon RAM study, best practices and their application to deliver performance improvement.
- The importance of organizational culture.

Specifically, the workshop will provide a detailed discussion of the learning from the Solomon Associates Global Reliability and Maintenance Benchmark study.

This study provides real data to illustrate the achievements of the better performers, and the financial value of performance improvement. It also allows the characteristics and practices of better performers can also be identified, and used by other organisations to help with performance improvement and target setting.

## BENEFITS OF ATTENDING

Delegates will gain insights into the practices and methodologies that are applied by organisations that are able to optimise their maintenance strategies and generate value through industry leading RAM performance. Delegates will be equipped to return to their own organisations and define, deliver and monitor actions to generate valuable improvements. Additionally, delegates will learn about the culture that exists in leading organisations, and be able to take positive steps to develop their own organisations towards improved organisation and asset reliability

## WHO SHOULD ATTEND

This workshop is designed to be informative and interactive, and to have broad benefit within manufacturing organisations. The following are examples of roles that would benefit from the seminar:

- Senior managers with manufacturing responsibility
- Managers with a responsibility for organisation and cultural development
- Plant Operations Managers
- Technical and Reliability Managers
- Maintenance managers
- Maintenance supervisors and planners
- Reliability, Maintenance and Asset engineers