

# FMRC

THE FUTURE OF MAINTENANCE & RELIABILITY  
CONFERENCE 2022



**Leveraging Human Touch And Emerging  
Technologies For Optimal Efficiency**

**Sheraton Imperial Kuala Lumpur**



**12+**

Top Industry  
Speakers

**70+**

Attendees

**2+**

Insightful Panel  
Discussions

**2-Day**

Workshops

**8/8**

Networking Sessions  
with Key Industry  
Leaders

*Institutional Partner*



The Malaysian Asset & Project  
Management Association (MAPMA)



Malaysian Association of  
Facility Management

*Media Partner*



Plant & Equipment

## OVERVIEW

The maintenance world is evolving just like anything else around us. New methods, processes and techniques are constantly being developed and implemented. Now, more than ever, organisations are rushing to produce as much product as possible, at the lowest cost, with the highest return, at the best efficiency rate and, of course, without running their assets to the ground. This is where the emphasis on maintenance, reliability, and asset management comes to play.

This PetroNovex conference brings together over 12 **top industry leaders** from various industries and **key sponsors** to share and provide case studies on how they **overcome complex problems** using different approaches integrated with **cutting-edge advancements**, **exploring key trends** in the industry, and **enhancing company value** by nurturing a people-first culture. Delegates will gain insights on how to lower operational costs, create higher ROI on assets, and enhance their company's overall value.



## WHO SHOULD ATTEND?

This summit has been specifically designed for, without limiting to: -

- Maintenance Professionals
- Planners
- Schedulers
- Supervisors
- Engineers
- Maintenance & Reliability Managers
- Asset Managers
- Operations Managers
- Facility Managers
- Digital Asset Managers
- Technical Managers
- Plant Managers
- Production Managers
- General Managers
- Operation Directors
- Managing Directors
- COOs
- CEOs

From the divisions of Oil and Gas, Chemical and Petrochemical, Manufacturing, Energy & Infrastructure, Plantation, Automotive, Healthcare, Logistic, facility management & maintenance, and all other industries that wants to enhance their maintenance and reliability strategies.

## TOPICS OF DISCUSSION & MORE...



- Best practices and case studies on emerging trends and how to exploit them to maximise reliability and productivity
- Panel discussions on driving Adoption of Digital Technology in Maintenance and Reliability, and opportunities and challenges faced after pandemic
- Becoming a people-first culture
- 2 full day post conference workshop from 2 leading experts of over 25 and 35 years of experience respectively, coaching you and your team to the next level in maintenance, reliability, and asset management

*"The biggest room in the world is the room for improvement."* - Helmut Schmidt

*"Without continual growth and progress, such words as improvement, achievement, and success have no meaning."* - Benjamin Franklin

## Workshop Facilitators



**SIMON MURRAY**  
Reliability Coach,  
Your Maintenance Coach Melbourne,  
Australia



**AHMED SAID KOTB,**  
CMRP, ARP CAT-A  
Freelance Consultant & Trainer  
United Arab Emirates

## Featured Speakers



**KEYNOTE SPEAKER**  
**DATO' SRI ZOHARI HAJI AKOB**  
President  
MAFM, Malaysia



**DIDKEE CHIN**  
Regional Maintenance Manager  
AkzoNobel, Malaysia



**MUHAMMAD SASHI NAIR**  
Chief Operation Officer  
Vale Malaysia Minerals, Malaysia



**SHAMRON SELVEN**  
Senior Executive Engineer - Line  
Maintenance & Operations (Cabin & Interior)  
Malaysia Airlines, Malaysia



**GIRISH KAMAL**  
Principal Rotating Equipment  
Petronas Carigali, Malaysia



**YONG JUN LIU**  
Maintenance Lead  
Neste Singapore Pte Ltd, Singapore



**SAI VAMSIDHAR BONTHA**  
Senior Group Lead  
Reliance Industries Limited, India



**SRIKANT V. SURA**  
Principal Engineer, Reliability Management  
Petronas Carigali, Malaysia



**KEN IBENEME**  
Head of Maintenance  
Dover Engineering Nigeria Limited,  
Nigeria



**NOOR IZWAN MOHAMAD**  
Senior Manager Operational Excellence  
Western Digital, Malaysia

## SPEAKING, SPONSORSHIP & PARTNERSHIP OPPORTUNITIES

Reach out to us for more details: -

For Speaking Opportunities, email: [cassie@3novex.com](mailto:cassie@3novex.com)

For Sponsorship Opportunities, email: [rashidah@3novex.com](mailto:rashidah@3novex.com)

For Partnership and other information, email: [marketing@3novex.com](mailto:marketing@3novex.com)



Day One Outline | Conference

8:30 am ● Registration and Morning Coffee

8:45 am ● Welcoming Note and Introduction by PetroNovex

8:50 am ● Opening Remarks from the Chair

9:00 am ● RESTRAINTS, FUTURE TRENDS & FORECAST TO 2030 (KEYNOTE SPEAKER)



**DATO' SRI ZOHARI HAJI AKOB**  
President  
MAFM, Malaysia

**THEME : EMERGING TECHNOLOGIES & EQUIPMENT RELIABILITY**

9:45 am ● EFFECTIVE EQUIPMENT RELIABILITY STRATEGY TO ENHANCE ASSET MANAGEMENT



**SRIKANT V. SURA**  
Principal Engineer, Reliability Management  
Petronas Carigali, Malaysia



**GIRISH KAMAL**  
Principal Rotating Equipment  
Petronas Carigali, Malaysia

10:30 am ● Coffee Break and Networking ☕👥

11:00 am ● PLATINUM PARTNER

11:30 am ● DRIVING ADOPTION OF DIGITAL TECHNOLOGY (PANEL DISCUSSION)



**SRIKANT V. SURA**  
Principal Engineer, Reliability Management  
Petronas Carigali, Malaysia



**YONG JUN LIU**  
Maintenance Lead  
Neste Singapore Pte Ltd, Singapore

12:15 am ● COGNITIVE MAINTENANCE TECHNOLOGY: ADVANCES IN MAINTENANCE PRACTICES USING INDUSTRY 4.0



**SAI VAMSIDHAR BONTHA**  
Senior Group Lead  
Reliance Industries Limited, India

1:00 pm ● Lunch Break 🍴🥗

**THEME : WORK MANAGEMENT & LEADERSHIP**

2:00 pm ● LEADING A PEOPLE-FIRST VALUES-BASED CULTURE IN THE MODERN WORKPLACE

**KEN IBENEME**  
Head of Maintenance  
Dover Engineering Nigeria Limited, Nigeria



Day One Outline | Conference

2:45 pm ● OPERATIONAL EXCELLENCE : IN PURSUIT OF PERFECTION

**NOOR IZWAN MOHAMAD**  
Senior Manager Operational Excellence  
Western Digital, Malaysia



3:30 pm ● Coffee Break and Networking ☕👥

4:00 pm ● GOLD PARTNER

4:30 pm ● OPPORTUNITIES & CHALLENGES IN THE NEW NORM;- POST PANDEMIC (PANEL DISCUSSION)



**SHAMRON SELVEN**  
Senior Executive Engineer - Line  
Maintenance & Operations (Cabin & Interior)  
Malaysia Airlines, Malaysia



**MUHAMMAD SASHI NAIR**  
Chief Operation Officer  
Vale Malaysia Minerals, Malaysia

5:15 pm ● A SUCCESS STORY OF CONTINUOUS IMPROVEMENT

**DIDKEE CHIN**  
Regional Maintenance Manager  
AkzoNobel, Malaysia



6:00 pm ● End of conference and Networking



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For Sponsorship Opportunities, email: [rashidah@3novex.com](mailto:rashidah@3novex.com)

For Partnership and other information, email: [marketing@3novex.com](mailto:marketing@3novex.com)



## Day Two Outline | Post Conference Workshop

### CREATING A RELIABILITY CULTURE

This workshop is facilitated by



**SIMON MURRAY**

Reliability Coach,

Your Maintenance Coach Melbourne, Australia

From bricks to bread and everything in between. From family business to global multinational. Simon has spent the last 25 years creating, leading, and coaching high performance maintenance teams.

With roles in reliability, project management, operations and General Management Simon has seen businesses from most positions and as such offers a unique perspective on continuous improvement and operational excellence.

In 2012, Simon founded Your Maintenance Coach with the vision to help more maintenance teams reach Reliability Excellence and put an end to constant firefighting and late-night phone calls.

Simon supports the global reliability community and has presented at events such as International Maintenance Conference (USA), National Manufacturing Week (Australia) and The African Institute of Maintenance Conference (Nigeria) as well as providing regular webinar sessions for associations such as "The Maintenance Community" and "Association for Manufacturing Excellence"

With clients across Europe and Asia Pacific Simon trains around the world and many of Australia's leading organisations utilise the Your Maintenance Coach tools and processes. These organisations include Bega, Boral, Austral Bricks, Arnotts, RM Williams, Tip Top, Goodman Fielder, and Chobani Yogurt.

#### Course Overview:

When all departments and people in your organisation share the same goal, and everybody works towards the same objective, in the same way, the results you achieve will be outstanding.

Every leader understands that to achieve outstanding results, every dollar that is invested must bring value to the business. Ultimately this value can only be delivered if you have reliable equipment.

In this workshop we will explore just how much equipment reliability can impact the profitability of a business and will create an understanding of just how important it is to that everybody understands the role that they play in increasing reliability.

#### Course Outline:

##### Tools & Tactics

- › The difference between maintenance and reliability & why is this important?
- › Asset Management and ISO55001 explained
- › Choosing the correct maturity model and reliability improvement framework

##### Business Systems & Processes

- › Calculating the cost of poor reliability?
- › Identifying the roles and responsibilities required for reliability excellence
- › The critical reliability measures and KPI to measure improvement

##### Mindset & Engagement

- › Gaining support for the reliability program, influence and engagement
- › How to get initial momentum on your reliability journey
- › Overcoming the challenge of sustaining improvement in the long term

Day Three Outline | Post Conference Workshop

## WORK MANAGEMENT BEST PRACTICES

This workshop is facilitated by



**AHMED SAID KOTB, CMRP, ARP CAT-A**  
Freelance Consultant & Trainer  
United Arab Emirates

Asset Management and Reliability Leader with more than 34 years of experience in Maintenance and Reliability, Maintenance Planning and Scheduling and Asset Management fields. More than 26 years of experience in the Oil and Gas industry in international leading companies (Shell, BP and Total) including more than 22 years in Maintenance Planning and Scheduling.

Certified Maintenance and Reliability Professional (CMRP), Certified Asset Reliability Practitioner (ARP CAT-A), and Certified Trainer from the International Training & Consultancy Forum (ITCF). Published Author on Reliabilityconnect.com website powered by Mobius Institute. Experience involved leading several Teams such as Maintenance Planning and Scheduling Teams (thrice), Asset Management Team, Asset Management System Project Team, and Reliability and Data Management Team (in Shell/BP/Total joint-venture companies). Planned more than 40 major Shutdowns / Turnarounds and several major overhauls. Experienced in EPC Mega Projects.

Led several CMMS/AMS system Implementations. Led the asset management team and one of the largest Asset Management System implementation projects in the Middle East and the world in EPC mega projects for ADNOC Offshore new fields (in UAE) involving over 180,000 assets. Public speaker who conducted presentations, workshops, masterclasses and webinars in major international conferences around the world. Course instructor who conducted several courses (face-to-face and virtual classes) in Maintenance and Reliability (CMRP, RCM, RCFA, etc.), Maintenance Planning and Scheduling, and Asset Management fields in several countries

### Course Overview:

Effective work management is one of the quickest and most effective return on investment strategies that your organisation can utilise to increase productivity and availability, which in turn yields higher profitability. In this course, you will learn proven processes and methodologies to streamline your maintenance performance.

Maintenance Planning and Scheduling is the hub of a well-functioning maintenance organisation. In order for maintenance planning and scheduling to work many other systems need to work well. Most importantly work identification and prioritization. Effective maintenance is vital to provide reliable plant capacity. The application of maintenance planning and scheduling makes possible dramatic improvement in maintenance productivity.

This course covers advanced best work management practices that a qualified professional would require to carry out his duty starting with the first steps and building up to a fully functional maintenance organisation.

### Course Outline:

|   |  |
|---|--|
| Introduction about Asset Management, Reliability, and Maintenance | Backlog Management: how to measure and manage maintenance backlog? |
| What's Work Management  | Step-1 Work Identification and prioritization                      |
| What's the difference between Planning and Scheduling?            | Step-2 Work Planning   |
| The Six Maintenance Planning Principles                           | Step-3 Work Scheduling   |
| The Six Maintenance Scheduling Principles                         | Step-4 Work Execution  |
| The Right Setup for the Desired Expectations!                     | Step 5 - Completing the Work                                       |
| Maintenance Planning and Scheduling Process                       | Step-6 Review and Improve  |
| Work Orders   | Work Management relevant KPIs                                      |