

# Regional Center In Kuwait Invite To Participate in International Conference: Lowering Carbon Intensity in Maintaining Static & Rotating Equipment in the Oil and Petrochemical Industry

Conference Period  
4 Days  
From (07/10/2024)  
To (10/10/2024)



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## Conference Speakers



## International Conference in Cairo (Egypt)

### Lowering Carbon Intensity in Maintaining Static & Rotating Equipment in the Oil and Petrochemical Industry

Conference Period	4 Days	From (07/10/2024) To (10/10/2024)
Conference Place	Cairo Marriott Hotel & Omar Khayyam Casino, Egypt	
Conference Fees	1500 KD	

#### **Conference Overview:**

This international conference will bring together industry leaders, engineers, researchers, and policymakers to discuss and explore innovative approaches to reducing carbon intensity in the maintenance of static and rotating equipment in the oil and petrochemical sectors. The event aims to provide a platform for sharing knowledge, best practices, and emerging technologies that contribute to more sustainable and efficient operations.

#### **Key Themes:**

Understanding Carbon Intensity and Its Impact.  
Innovative Maintenance Strategies.  
Digitalization and Advanced Technologies.  
Energy Efficiency and Renewable Integration.  
Case Studies and Industry Best Practices.  
Global Policy and Regulatory Trends.

#### **Target Audience:**

Maintenance Engineers and Managers.  
Equipment Designers and Manufacturers.  
Sustainability and Environmental Professionals  
Researchers and Academics.  
Policy Makers and Regulators.  
Technology Providers.

#### **Conference Objectives:**

To identify and discuss the key sources of carbon emissions in equipment maintenance.  
To explore innovative strategies and technologies for reducing carbon intensity.  
To share case studies and best practices from leading industry players.  
To examine the role of digitalization in optimizing maintenance processes for lower emissions.  
To discuss the implications of global policies and regulations on carbon reduction efforts.

### **Conference Speakers**

Dr Mohammad Jad

Dr Walid El Moudir

Dr Husain Abdulaziz

Dr Mohamed A/Hadi

Dr Peter Mech

Dr Nicole Kubecka

### **Conference Major Content**

Carbon Intensity in Equipment Maintenance.

Innovative Strategies for Carbon Reduction.

Industry Best Practices and Case Studies.

Future Trends and Policy Implications.

### **Conference Structure:**

#### **Day 1: Carbon Intensity in Equipment Maintenance**

- Opening Ceremony and Keynote Address.
- Session 1: Introduction to Carbon Intensity in Oil & Petrochemical Industries.
- Session 2: Emissions from Static and Rotating Equipment.
- Panel Discussion: Global Trends in Carbon Reduction.

#### **Day 2: Innovative Strategies for Carbon Reduction**

- Session 3: Advances in Equipment Design and Maintenance.
- Session 4: Digitalization for Carbon Intensity Reduction.
- Workshop: Developing Effective Carbon Reduction Plans.

#### **Day 3: Industry Best Practices and Case Studies**

- Session 5: Successful Case Studies from Leading Companies.
- Session 6: Best Practices in Maintenance for Lower Carbon Intensity.
- Roundtable Discussion: Collaboration for Carbon Reduction.

#### **Day 4: Future Trends and Policy Implications**

- Session 7: Emerging Technologies for Carbon Reduction.
- Session 8: Global Regulations and Their Impact on Maintenance.
- Closing Session: Summary and Future Roadmap.
- Networking Event: Facilitating Collaboration and Partnerships.

### **Expected Outcomes:**

Enhanced understanding of the carbon intensity challenges in equipment maintenance.

Practical insights into reducing emissions through innovative maintenance practices.

Networking opportunities with industry peers and experts.

Actionable strategies and a roadmap for implementing sustainable practices in maintenance.

### Day 1, Monday Oct. 07, 2024

Time	Event		Speaker
	Main Points	Sub-Points	
8:00 - 8:45 am	Registration and Continental Breakfast		
8:45 - 9:00 am	Welcome and conference Introduction		Dr. Waleed Al-Shwwa (Executive Director)
9:00 - 12:00 am	Carbon Intensity in Equipment Maintenance	<ul style="list-style-type: none"> <li>– Opening Ceremony and Keynote Address.</li> <li>– Session 1: Introduction to Carbon Intensity in Oil &amp; Petrochemical Industries.</li> </ul>	Dr Mohammad Jad
12:00 - 12:30 pm	Coffee Break Time		
12:30 - 15:30 pm	Carbon Intensity in Equipment Maintenance	<ul style="list-style-type: none"> <li>– Session 2: Emissions from Static and Rotating Equipment.</li> <li>– Panel Discussion: Global Trends in Carbon Reduction.</li> </ul>	Dr Walid El Moudir
15:30 - 16:00 pm	Questions & Discussion		
16:00 pm	Buffet Lunch Time		

### Day 2, Tuesday Oct. 08, 2024

Time	Event		Speaker
	Main Points	Sub-Points	
8:15 - 9:00 am	Buffet Breakfast Time		
9:00 - 12:00 am	Innovative Strategies for Carbon Reduction	<ul style="list-style-type: none"> <li>– Session 3: Advances in Equipment Design and Maintenance.</li> <li>– Session 4: Digitalization for Carbon Intensity Reduction.</li> </ul>	Dr Walid El Moudir
12:00 - 12:30 pm	Coffee Break Time		
12:30 - 15:30 pm	Innovative Strategies for Carbon Reduction	– Workshop: Developing Effective Carbon Reduction Plans.	Dr Husain Abdulaziz
15:30 - 16:00 pm	Questions & Discussion		
16:00 pm	Buffet Lunch Time		

### Day 3, Wednesday Oct. 9, 2024

Time	Event		Speaker
	Main Points	Sub-Points	
8:15 - 9:00 am	Buffet Breakfast Time		
9:00 - 12:00 am	Industry Best Practices and Case Studies	– Session 5: Successful Case Studies from Leading Companies.	Dr Mohamed A/Hadi
12:00 - 12:30 pm	Coffee Break Time		
12:30 - 15:30 pm	Industry Best Practices and Case Studies	– Session 6: Best Practices in Maintenance for Lower Carbon Intensity. – Roundtable Discussion: Collaboration for Carbon Reduction.	Dr Peter Mech
15:30 - 16:00 pm	Questions & Discussion		
16:00 pm	Buffet Lunch Time		

### Day 4, Thursday Oct. 10, 2024

Time	Event		Speaker
	Main Points	Sub-Points	
8:15 - 9:00 am	Buffet Breakfast Time		
9:00 - 12:00 am	Future Trends and Policy Implications	– Session 7: Emerging Technologies for Carbon Reduction. – Session 8: Global Regulations and Their Impact on Maintenance.	Dr Peter Mech
12:00 - 12:30 pm	Coffee Break Time		
12:30 - 15:30 pm	Future Trends and Policy Implications	– Closing Session: Summary and Future Roadmap. – Networking Event: Facilitating Collaboration and Partnerships.	Dr Nicole Kubecka
15:30 - 16:00 pm	Questions & Discussion & Conclusion & Attendance Certificates		
16:00 pm	Buffet Lunch Time		