



الاتحاد العربي للأسمدة
Arab Fertilizers Association
Since 1955

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OMIFCO

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The Path to Net Zero

AFA Leading
the Way

35th
AFA
INTERNATIONAL
TECH.CONFERENCE

ARAB FERTILIZER ASSOCIATION

CONFERENCE PROGRAM

THE PATH TO NET ZERO
17-19 October, 2023

Kempinski, Muscat, Oman

35th
AFA
INTERNATIONAL
TECH.CONFERENCE

ARAB FERTILIZER ASSOCIATION



H.E. DR. SAUD BIN HAMOUD AL HABSI

Minister of Agricultural, Fisheries Wealth & Water Resources

أوميفكو
OMIFCO

CONFERENCE

STRATEGIC SPONSOR

Monday, October 16, 2023

Day 0



10:00 - 20:00
Registration

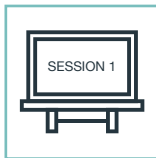
Tuesday, October 17, 2023

Day 01



08:00 - 10:00

Registration &
Welcome Coffee



10:00 - 12:30

Session 1



12:30 - 13:30

Networking Coffee Break



13:30 - 14:30
Inauguration and Opening Session



14:30 - 15:00

Exhibition Opening



15:00 - 16:00

Lunch

Committees and Working groups Meetings



By invitation

16:00 - 17:00

Agriculture Committee Meeting



By invitation

16:00 - 17:00

Training Working Group Meeting

Session 1
10:00 – 12:30



Innovative Research for Sustainable Fertilizer Production
Advancing Towards a Greener Future

Moderator : Abeer Elsherbiny - Technical Director, AFA



Deepak Shetty

Global Business Development Manager, Stamicarbon

Green Ammonia – Sustainable Hydrogen Vector



Andrea Zambianco

VP, Business Development, Saipem

Efficient and profitable solutions to decarbonize existing Ammonia and Urea plants



Faicel Derbal

Technical Sales Manager, Middle East & North Africa (BU Catalysts), Clariant

Clariant's solution for highly efficient blue hydrogen production



Clara Vido

Lead Process Engineer, BD Energy Systems

Unlocking Blue Ammonia: A Strategic Approach to Upgrading Existing Ammonia Facilities



Sumit Rao

Deputy General Manager, Technical (Nitro Technologies), Hindustan Platinum

Innovative Solution for Sustainability for the Ammonia Oxidation Catalyst System



Maria Kropova

Head of Nitrogen Business, KRASTSVETMET

Solutions for effective reduction of nitrogen oxides emissions in nitric acid productions



12:30 – 13:30

Networking Coffee Break



Chemist. Saad Abou Elmaaty
Secretary General, Arab Fertilizer Association



Dr. Ahmed Said Al Marhoubi
Chief Executive Officer, Omifco, Oman



Eng. Mohamed Tahar Heouaine
Chairman, Arab Fertilizer Association



H.E. DR. AHMED BIN NASSER AL BAKRI
Undersecretary of the Ministry of Agriculture , Fisheries
Wealth & Water Resources (For Agriculture)

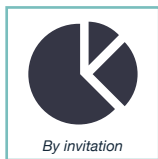


14:30 – 15:00
Exhibition Opening



Lunch

15:00 – 16:00



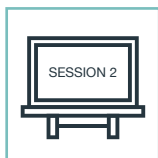
08:00 - 09:00

Economic Committee Meeting



09:00 - 10:00

Advisory Board



09:30 - 12:00

Session 2



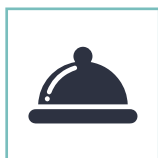
12:00 - 12:30

Networking Coffee Break



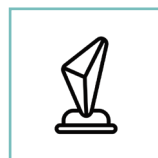
12:30 - 15:00

Session 3



19:00 - 22:00

Gala Dinner



Awards Ceremony

Committees and Working groups Meetings



15:30 - 16:30

Energy Saving
Working Group Meeting



15:30 - 16:30

Media Working Group Meeting

Session 2
09:30 – 12:00



Breaking Ground Advancements in Urea Production
Moderator: TBA



Matteo Fumagalli
Urea Technology Manager, Casale SA
Casale completes its urea product portfolio: from synthesis to fluid-bed granulation



Tadi Peddi Raju
Team Leader, OMIFCO
Replacement Of Urea Reactor – OMIFCO's Experience



Rahul Patil
Senior Process Engineer, Stamicarbon
Breakthrough energy reduction by Ultra-low energy technology:
Operational insights - Process and Mechanical.



Mauro Orsini
CEO, AXO Welding
Shortening of HP bimetallic urea strippers



Alex Scheerder
Head of Inspections and Materials Engineering, Stamicarbon
Successful refurbishing an aging Urea Reactor by replacing the Zirconium liner into Safurex®.



12:00-12:30

Networking Coffee Break



Revolution in Energy Efficiency and Sustainable Fertilizer Complexes

Moderator: Mohamed Masrori - General Manager
Health, Safety, Security and Quality, OMIFCO



Phosphate Fertilizer Complexes: Zero Emission complexes technically, commercially and environmentally feasible.

Dr. Dirk Koester

Sulfates & Phosphate Technologies, thyssenkrupp Uhde



Eng. Samir Abdulrahim

Group Technical Advisor, Evergrow Group for speciality Fertilizers



Jennifer Demeyere

Business Development Manager, PRAYON TECHNOLOGIES

Prayon Technologies: sustainable solution for Animal Feed phosphate production



Haitham AlNazha

Manager, Process Engineering, Maaden

“Ground water consumption reduction through switching over to treated sanitary effluent supplied by National Water Company (NWC)”



Svenja Blechmann

Department Manager, Steinmüller Engineering GmbH

Digital Twin Monitoring, diagnostic and performance optimization



Fatima Abdulla Al Raisi

Acting Head of Environment, QAFCO

EMISSION MONITORING DIGITALIZATION: CEMS vs PEMS



Aurelia Pipino

Senior Fired Heaters Specialist, Casale SA

Evolution of Casale expertise in revamping and design of fired heaters: past, present, and future





08:00 - 09:00

Technical Committee Meeting



09:30 - 12:00

Session 4



12:00 - 13:00

Closing Session



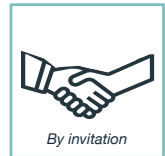
14:00 - 15:00

Lunch



15:00 - 16:00

HSE Working
Group Meeting



15:00 - 16:00

Public Relations
Working Group Meeting

Session 4
09:30 – 12:00



Cost and Operational Innovations in Sustainable Fertilizer Industry

Moderator: Dr. Mohamed Tarek Eltohfa - Production Director,
Sector Head, Abu Qir Fertilizers Company



Andrea Valentini
VP, Business Development, Argus

“Outlook for cost of blue and green ammonia, and implications for clean ammonia offtake pricing”



Mark Eggleston

Director for Phillip Townsend Associates European and Middle East Operations

“Global Ammonia / Urea Revenue Benchmarking program”



Mahdi Shakouri

MENA Region Lead, Energy Efficiency and Decarbonization, Gen0

Routes to Decarbonizing Fertilizer Industry (from theory to practice)



ABDENOUR JBILI

Founder & CEO of OCP Maintenance Solutions

Advancing Predictive Maintenance for Sustainable Operations



Zaki AL-Maawali

GM Technical Services, OMIFCO

Energy Management & Optimization Initiatives: Direction and lessons learned



Energy saving initiatives at SABIC Agri-Nutrients

Saeed Salem Al-Wahas

Sr. Engineer, Sabic Agri- Nutrients



Anand Prasannamoorthy

Staff Engineer Sustainability & Energy, Sabic Agri- Nutrients

Closing Session

12:00 – 13:00



Lunch

14:00 – 15:00