



MASTERCLASS

HYDROGEN: ACCELERATING CARBON NEUTRALITY AND ENERGY SECURITY

THURSDAY 22, FÉVRIER 2024 | FROM: 9.00 AM TO: 3.00 PM

LE CASABLANCA HOTEL
19 Bd Moulay Rachid, Casablanca
+212 5226 49797





The Green H2 Cluster in alliance with Yokogawa cordially invites you to join the Masterclass on Hydrogen: Accelerating Carbon Neutrality and Energy Security.

The Masterclass is an excellent platform for knowledge-sharing and networking. It will focus on co-innovation solutions in the areas of hydrogen production, integrated controls, data analytics, security and energy management to support end users in achieving their objectives. Yokogawa has the depth of expertise in the sector, and they are renowned for.



Kunimasa Shigeno

President & CEO, Yokogawa Middle East & Africa

“Yokogawa believes that it is our collective duty to ensure a sustainable future. In order to do this, we provide a wide range of applications with solutions that go beyond the production of merely economic value. Our mission is to provide you with the technological improvement solutions you need to help you reach the highest standard of sustainable operations.

In line with the Sustainable Development Goals (SDGs) of the United Nations, we are addressing social and environmental challenges through energy conservation, resource conservation, greenhouse gas reduction, safety, and other initiatives. We adopt a comprehensive perspective on the business operations of our clients, collaborating with them to co-innovate solutions for the identification and resolution of environmental challenges”.



Norinao Sato

SEVP, Yokogawa Middle East & Africa

“We want to be at the forefront of creating a world where systems work together intimately, based on the idea of a system of systems (SoS). Different entities own separate systems within the hydrogen supply chain, which perform various services such as production, pipeline transit, storage, and supply. Yokogawa is committed to advancing the realization of a sustainable society and will do so by taking part in initiatives that assist our clients in advancing their decarbonization plans and enhancing their businesses”.



AGENDA

Sr No.	Topic	Experts	Time
1	Registration		8:30
2	Safety Moment	Salma Bouchama	9:00
3	Welcome Address by The Green H2 Cluster	Hajjaji Mourad, General Manager	9:05
4	MC - Masterclass Program Overview	Achchoubi Azzeddine	9:15
5	Yokogawa Company Introduction	Yuki Okukawa Tarik Khartaoui	9:20
6	Yokogawa Portfolio Overview	Sumitava Sengupta	9:45
7	Green Hydrogen - Global Strategic Direction and References	Furuya Yuki	9:55
8	Value Proposition for Green Hydrogen / Ammonia Plant as an Integrated Solution Provider	Sumitava Sengupta	10:25
9	Yokogawa PXiSE Solution for Microgrid Control & Energy Management System (EMS) in Green Hydrogen / Ammonia Plant	Sumitava Sengupta	10:45
10	Tea / Coffee Break		11:15
11	➤ Optimization for Complete Process for Green Hydrogen / Ammonia: ASU/ Haber Bosch	Dr. Rodolfo Tellez-Schmill	11:30
	➤ Digital Twin for Green Hydrogen / Ammonia with Focus on Electrolyzes Dynamic Modeling and Simulation	Ujval Bhatt Brian Burgio	12:00
12	Cyber Security	Deepak Sharma	12:30
13	Digital Transformation by Digital Control of Work	Deepak Sharma	12:50
14	Prayer Break followed by Lunch		13:10
15	Special Applications Relevant to Green Hydrogen / Ammonia: TDLS for Gas Purity, DTS (FO -Distributed Temperature Sensor) for Ammonia Leak Detection	Sumitava Sengupta	14:10
16	Open Forum	Facilitator - Ayat Kerdache	14:30
17	Vote of Thanks	Tarik Khartaoui	15:00



THE EXPERTS



Tarik Khartaoui

Country Manager for Morocco & Francophone Sub-Saharan Africa at Yokogawa Middle East & Africa.



Yuki Okukawa

Japan-based Project Development Department Manager, leading the power business for thermal, biomass, WTE and Hydrogen.



Sumitava Sengupta

Bahrain-based Senior General Manager, Infrastructure Division (Renewable Energy/Power/Water) Yokogawa Middle East & Africa.



Furuya Yuki

Japan-based Sales Engineer for international business development of power, renewable energy, and green hydrogen.



Dr. Rodolfo Tellez-Schmill

Product Champion for the simulation business at KBC Advanced Technologies, Canada.



Ujval Bhatt

Decarbonization Lead, KBC Advanced Technologies Limited, India.



Brian Burgio

APC Program Manager, KBC Advanced Technologies Inc., USA.



Deepak Sharma

Bahrain-based Department Manager for Africa region in Digital Enterprise Business (DEB) at Yokogawa Middle East & Africa.





PARTICIPATION FORM

Learn about the challenges and opportunities of green hydrogen at our Masterclass dedicated to Hydrogen: accelerating carbon neutrality and energy security.

Name:..... First name:.....

Position:..... Company:.....

City:..... Country:.....

Adress:.....

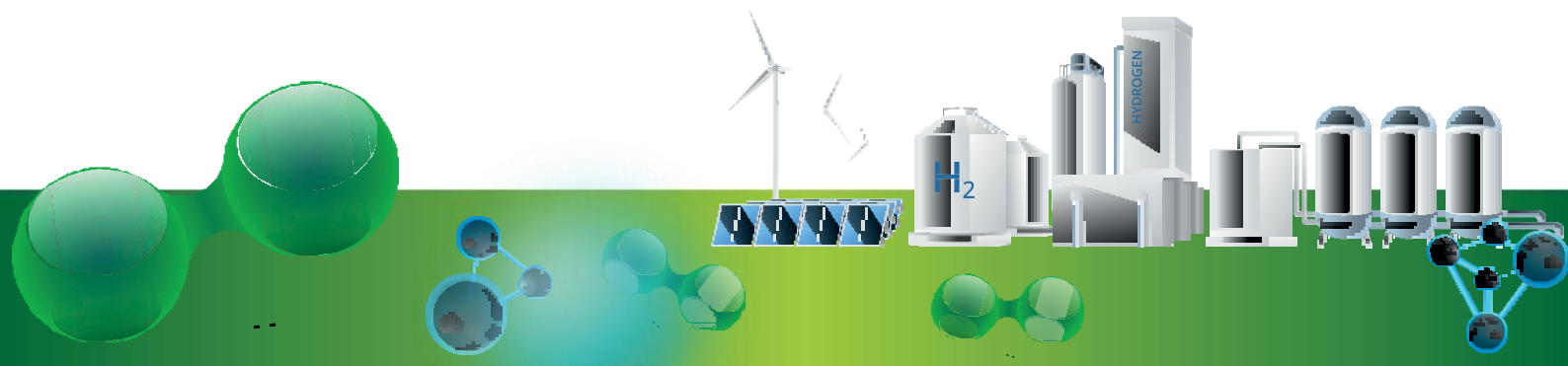
Email:..... Phone Number:.....

Date:.....

Not a Member
500 DH/TTC

Member of The Green H2 Cluster
Free of charge

- Stamp and signature -





About The Green H2 Cluster

The main aim of The Green H2 Cluster is to promote the hydrogen sector in Morocco, in particular by initiating, supporting and coordinating innovative collaborative projects in the field of green hydrogen in the Kingdom of Morocco and abroad, with a view to encouraging innovation and contributing to the emergence of a competitive hydrogen sector.

This innovative project is part of the ongoing implementation of the Royal High Directions aimed at making Morocco a pioneer country in the field of energy transition, and is also intended to encourage the transfer of know-how through collaborative projects bringing together industrialists and researchers from Morocco and abroad.

CONTACT US

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SCAN FOR MORE INFO



About Yokogawa

Yokogawa provides advanced solutions in the areas of measurement, control, and information to customers across a broad range of industries, including energy, chemicals, materials, pharmaceuticals, and food. Yokogawa addresses customer issues regarding the optimization of production, assets, and the supply chain with the effective application of digital technologies, enabling the transition to autonomous operations.

Founded in Tokyo in 1915, Yokogawa continues to work toward a sustainable society through its 17,000+ employees in a global network of 129 companies spanning 60 countries. For more information, visit www.yokogawa.com

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