



Adrià Sancho Fibla

Title: Global Sales Manager

Affiliation: Methanol Reformer

E-mail: asancho@methanolreformer.es

Speaker Biography:

My name is Adrià Sancho Fibla, the Global Sales Manager at MReformer. With years of experience in the sustainable energy sector, I specialize in promoting innovative technologies, such as our methanol reformer solution, which produces high-purity hydrogen and electricity on-site, off-grid, and on demand.

I am also an author, having written two books and contributed various publications on topics such as hydrogen, sustainable mobility, smart cities, and the use of carriers for hydrogen production. As a speaker and participant in numerous conferences and seminars, I am passionate about advancing clean energy technologies and contributing to global sustainability efforts.

Presentation Title:

Methanol Reformer: Revolutionizing Hydrogen and Electricity Generation On-Site, On-Demand, and Off-Grid

Abstract:

At Methanol Reformer, we are revolutionizing energy production with our on-site, on-demand, and off-grid technologies. Our solutions allow for the generation of clean hydrogen and electricity wherever needed, addressing the significant logistical challenges associated with hydrogen storage and transportation.

We utilize methanol as a carrier for hydrogen, a safer and more practical alternative to handling pure hydrogen. Methanol is easier to store, transport, and manage, making it an ideal solution for industries with limited access to hydrogen infrastructure. By reforming methanol on-site, we produce high-purity hydrogen with a reduced carbon footprint and a simplified supply chain, ensuring the energy supply is sustainable and cost-effective.

Our H-Nomad hydrogen production unit uses this methanol-to-hydrogen process, offering scalable solutions for industries requiring hydrogen. It operates independently of the local grid, ensuring a continuous hydrogen supply wherever needed, whether for industrial use, fuel cells, or other applications.

Additionally, our e-Nomad containerized electricity generation unit transforms methanol into clean, off-grid energy. With an output of 150 kW, it is perfect for powering applications like EV charging stations, industrial operations, and backup power without reliance on traditional energy infrastructure.

Safety is a key priority at Methanol Reformer. Both methanol and hydrogen are handled with the highest safety standards, ensuring that our systems are secure and reliable. Our products are CE certified, meeting rigorous European safety regulations. We implement advanced safety features to ensure safe operation at all times, minimizing risks associated with the handling and production of hydrogen and methanol.

Methanol Reformer is proud to lead the way in clean, sustainable energy solutions, providing adaptable and reliable technologies that meet the energy demands of the future.