

## PRESS RELEASE

### Turboden at COP28 to present the role of policies, finance and technologies in energy efficiency and sustainability for the industrial sectors

*How manufacturing and technology providers can support European industry's competitiveness*

**Brescia, Italy, December 5th, 2023** - After participating in last year's COP27, Turboden, a Mitsubishi Heavy Industries Group company, is once again renewing its presence at **the UNFCCC Conference of the Parties (COP28)** in Dubai, United Arab Emirates.

**CEO Paolo Bertuzzi**, on Tuesday, December 5th, at the Italian Pavilion, Expo City Dubai UAE, gave a speech as part of the panel discussion on: "The role of policies, finance and technologies in energy efficiency and sustainability for the industrial sectors."

Participants at this conference mentioned **Beatriz Yordi**, Director, European & International Carbon Markets, European Commission, Directorate General for Climate Action (CLIMA), **Gianpiero Nacci**, Director of the Climate Strategy and Delivery team EBRD - European Bank for Reconstruction and Development, **Christophe McGlade**, Head of the Energy Supply Unit - IEA International Energy Agency, **Olivier Milhaud**, General Manager, Lafarge Emirates Cement, **Sergio Molisani**, Chief International Asset Officer, SNAM S.p.A., moderated by **Nikolaus Johann Kurmayer**.

During this meeting, speakers from different sectors and areas of expertise focused on one of the main key points of **the "energy package"** of the **COP Presidency Action Plan**. In particular, the discussion focused on finding effective solutions to **fast-track the transaction process** toward a **low-carbon world**, identifying methodologies for tripling renewable capacity and doubling **the rate of energy efficiency** improvement by 2023.

*"At a time when energy intensive industrial plants disperse between 30 and 60% of the total energy consumed in the form of heat into the atmosphere, causing large CO2 emissions and waste of energy resources, it is crucial to implement and disseminate energy efficiency and sustainability projects.*

*In fact, we at Turboden are actively working to support the energy transaction and offer innovative and sustainable solutions for a greener future.*

*One example of this is the 10 MWe waste heat recovery plant that we built at the Fujairah cement plant, together with ENGIE Solutions GCC and LAFARGE EMIRATES CEMENT (LEC), United Arab Emirates.*

*Based on a closed-loop thermodynamic cycle, the system will help LEC avoid 29 kilotons per year of CO2 emissions from the power grid, or a 28 percent reduction in energy-related emissions,"* affirms **Paolo Bertuzzi**, CEO of Turboden.

With synergistic intervention from policy, finance, and technology, it will be possible to lay the groundwork for energy-saving and decarbonization solutions, as well as Net Zero technology designed and developed in the EU, promoting sustainability and raising awareness of energy-intensive industries.

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**Turboden S.p.A., Mitsubishi Heavy Industries group company**, is an Italian firm and a global leader in the design, manufacture, and maintenance of Organic Rankine Cycle (ORC) systems, highly suitable for distributed generation, that generate electric and thermal power exploiting multiple sources, such as renewables (biomass and geothermal energy), traditional fuels, and waste heat from industrial processes, waste incinerators, engines, or gas turbines. Today Turboden expands its technological solutions with gas expanders and large heat pumps to play a broader role in the decarbonisation of the district heating sector and of energy-intensive industrial processes.

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