



PRESS RELEASE

Snam and Tenova initiate a collaboration to decarbonize the metals industry

- *The two companies will work together over the next three years to design integrated solutions based on the use of green hydrogen*
- *The synergy will result in concrete applications in productive sites, by contributing to the decarbonization process of the metals sector through a significant reduction in CO₂ emissions*

San Donato Milanese (Milan) / Castellanza (Varese), January 13th, 2022 – An agreement to foster the decarbonization of the metals sector in Italy and abroad: **Snam**, Europe's largest energy infrastructure operator, and **Tenova**, leading developer and provider of sustainable solutions for the green transition of the metals industry, committed to conducting joint strategic studies and market analysis to implement specific infrastructure and metals **production systems by using green hydrogen**.

The aim is to bring **integrated, turnkey commercial solutions tested in industrial plants** to implement a substantial reduction of CO₂ and NOx emissions in the metals production process – from melting to processing of half-processed products.

*“Through this agreement – **Cosma Panzacchi**, EVP Hydrogen at Snam commented – we further develop our network of partners and projects to introduce green hydrogen into the relevant productive processes of the metals industry. Hydrogen is essential to cut emissions from the production of steel and other metals, as well as from all hard-to-abate sectors such as cement, ceramic, chemistry and refining. Snam is willing to contribute through its technologies and know-how by enabling, as fast as possible, the hydrogen transition of such crucial commodity chains for the Italian economy”.*

Snam will provide its expertise in **hydrogen** technologies as well as transport, whereas Tenova will contribute through its know-how in this sector, more specifically in **combustion systems for reheating and heating treatment**, and in **electric arc furnaces**. The collaboration between the two companies will develop through specific tests in the laboratory under construction at Tenova's headquarters (in Castellanza, Varese), and through installations and production tests on industrial sites.

*“Everyone talks about green hydrogen, but the reality is that its supply and use are still limited, and, at the same time, pressures to mitigate climate change are getting stronger. For this reason, we are developing a ready-to-use solution for our customers, directly at their production sites. The expertise of Snam and Tenova is complementary, and together we are ready to face the challenge of decarbonization, on which Tenova has been working for years thanks to solutions that make us the ideal technological partners to improve environmental performances without compromising the economic ones”, commented **Roberto Pancaldi**, Tenova CEO.*

Tenova's combustion systems, a key part of the agreement with Snam, represent an extremely innovative solution and unique on the market. First, they enable CO₂ emissions reduction in a scalable and flexible fashion: once installed, these systems can work through a blend of natural gas and hydrogen in variable percentages, up to 100% of hydrogen, whereby maintaining emissions well below the most restrictive limits. Furthermore, they can be integrated with advanced 4.0 technologies, offering significant advantages in terms of management and maintenance, thanks to Tenova's digital infrastructure.

Through its know-how on hydrogen technologies and transportation, Snam will be able to secure an optimized integration across the entire value chain, thus meeting this industry's needs.

About Snam

Snam is Europe's leading operator in natural gas transport and storage, with an infrastructure enabled for the transition to hydrogen.

Snam runs a transport network of approximately 41,000 km between Italy, Austria, France, Greece and the UK as well as 3.5% of the world's gas storage capacity. It ranks among the top ten Italian listed companies by market capitalization.

With its 80 years-experience in developing and managing energy networks and facilities, Snam guarantees security of supply and enables the energy transition on the territories. Besides transport and storage, it is also one of the main operators in LNG regasification. Snam has also a presence in Asia, Middle East and North America.

Snam is upgrading its infrastructure with hydrogen-ready standards and developing integrated projects along the entire green gases value chain, through investments in biomethane, hydrogen, sustainable mobility and energy efficiency. The Group also creates new green areas through a benefit corporation focused on forestation activities. Snam is committed to achieving net zero Scope 1 and 2 CO₂ equivalent emissions by 2040 and has set a reduction target for indirect Scope 3 emissions (associates, suppliers) by 2030.

For more information, visit www.snam.it

About Tenova

Tenova, a Techint Group company, is a worldwide partner for sustainable, innovative and reliable solutions in the metals and – through the well-known TAKRAF and DELKOR brands – in the mining industries. Tenova leverages a workforce of over 2,000 forward-thinking professionals located in 19 countries across 5 continents, who design technologies and develop services that help companies reduce costs, save energy, limit environmental impact and improve working conditions.

For more information, visit www.tenova.com

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