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## ENEL X DEVELOPS A TRIGENERATION ENERGY SYSTEM FOR THE NSG GROUP'S ITALIAN OPERATIONS

- *The Enel global business line will upgrade the cogeneration plant at Italy's largest glass production site: Pilkington Italia, a subsidiary of the Japanese multinational NSG Group*

**Rome, April 1<sup>st</sup>, 2021** - Making energy production processes even more sustainable with innovative and efficient solutions: with this objective, Enel X is partnering with the NSG Group, one of the world's leading manufacturers of glass for the architectural, automotive and technical glass industries. Enel X will upgrade Pilkington Italia's cogeneration plant, located in San Salvo (CH), one of the world's largest industrial sites in the glass sector. The project is part of a broader collaboration with the Enel Group's global business line, which develops solutions that focus on the principles of sustainability, energy efficiency and the circular economy.

*"We are pleased to offer advanced solutions in the field of cogeneration to an important partner like the NSG Group, which is committed to optimizing energy consumption at its production sites and making a positive contribution to environmental sustainability," said **Augusto Raggi**, Head of Enel X Italy. "Our work at the San Salvo plant will make the site more flexible and energy efficient and will reduce the amount of climate-changing emissions that are released into the atmosphere, which will help the NSG Group achieve its decarbonization targets. Enel X shares this goal and, using its innovative technologies, wants to continue to play a leading role in accelerating the energy transition process that is under way in Italy and globally."*

**John Wilgar**, Head of Procurement NSG Group, commented: *"We are very pleased to strengthen our partnership with Enel X through the San Salvo project. We are excited about the idea of carrying out this significant project at our key automotive site, which will help us to remain competitive in a very demanding sector and which will certainly support our goals of economic and environmental sustainability through CO<sub>2</sub> reduction, while meeting the increasingly stringent demands of our automotive customers. Through this partnership, the NSG Group and Enel X share the goal of decarbonizing the existing cogeneration plant. Enel's knowledge and experience will support the NSG Group's vision and mission: changing our surroundings, improving our world."*

The upgrade will be carried out by Cogenio, a partner company of Enel X active in the field of cogeneration. It will enable the production of cleaner energy through a trigeneration process, which involves the installation of an absorption chiller for cooling energy, which was previously done using electricity. The new system will make it possible to use the thermal energy recovered from the thermodynamic transformation that would otherwise be dissipated. The trigeneration plant will have a capacity of around 30 MW of total electric power and will become fully operational in its new configuration by the end of 2021. Thanks to Enel X, it will be able to guarantee sufficient energy to meet the total needs of the San Salvo industrial site, while also participating in Demand Response programs to support the stability of Italy's national electricity grid.



**Enel X** is the global business line of the Enel Group that provides services to accelerate innovation and drive the energy transition. A world leader in advanced energy solutions, Enel X operates demand response services, with approximately 6 GW of total capacity and 124 MW of installed storage capacity worldwide, as well as approximately 175,000 public and private charging points for electric vehicles globally.<sup>[1]</sup> By offering advanced solutions, including energy management, financial services and e-mobility, Enel X provides each partner with a customized ecosystem of technology platforms and consulting services, based on the principles of sustainability and the circular economy. The aim is to provide people, communities, institutions and companies with an alternative model, which respects the environment and integrates technological innovation into everyday life. Each solution is designed to turn the goals of decarbonization, electrification and digitalization into sustainable actions for everyone, in order to build a more sustainable and efficient world together.

Find out more on [www.enelx.com](http://www.enelx.com) and follow **Enel X** on its social media channels:

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**Cogenio** is an energy efficiency service platform that aims to help companies reduce energy costs and CO<sub>2</sub> emissions by providing solutions that improve the overall efficiency of energy use. Cogenio is part of the Infracapital group, a leading provider of long-term infrastructure investment in highly sustainable energy solutions, which operates with the support of Enel X. Cogenio offers distributed generation and energy efficiency solutions through its Energy Service formula.

**NSG Group** (Nippon Sheet Glass Co., Ltd. and its group companies) is one of the world's largest manufacturers of glass and glazing products for the architectural, automotive industry and technical glass sectors. With around 27,000 employees, NSG Group has principal operations in about 30 countries and sales in over 100 countries. <https://www.nsg.com>

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<sup>[1]</sup> Estimated data for 2020.