



SNAM4ENVIRONMENT TAKES OVER 5 BIOMETHANE PRODUCTION PLANTS

- *The operation is worth about 30 million euros including the costs of converting the plants from power generation to biomethane*

San Donato Milanese, 25 Oct. 2022 - IES Biogas, a subsidiary of Snam4Environment, a Snam group company active in the biomethane sector and in the circular economy, has purchased five agricultural biogas plants with 1MWe capacity in Veneto and Friuli-Venezia Giulia. The five plants are located in the provinces of Udine, Pordenone, Venice and Padua.

The goal of the acquisition, whose total value is about 30 million euros, is to convert the five agricultural biogas plants (which currently produce electricity) to biomethane, reaching the production capacity of about 500 Sm³/h each. By valorising zootechnical waste, agricultural waste and second-harvest crops, the plants will produce more than 22 million Sm³ per year of biomethane when fully operational. Three of the plants will be connected to the national gas grid for direct feed-in of bioCNG (compressed natural gas), while the other two will be equipped with a liquefaction plant for the production of bioGNL (liquid natural gas) intended to supply heavy vehicle fleets for freight distribution.

The operation follows the acquisition on 4 October by IES Biogas of four biogas plants for a total of about 4 MWe in Ostellato, in the Ferrara countryside, to convert to biomethane and feed into the grid about 11 million Sm³ per year of biomethane from about 160,000 tons of livestock manure, agricultural waste and agri-food by-products from the sugar production chain.

These initiatives are consistent with Snam's growth strategy in the biomethane sector and more generally in the circular economy, in order to contribute to the development of a key sector in Italy's ecological transition strategy, as indicated also by the National Recovery and Resilience Plan (NRRP).

Biomethane is a renewable and programmable energy source that makes it possible to meet emission reduction targets by exploiting existing gas networks. The NRRP provides for a large development of biomethane production in Italy: today there are 35 agricultural plants in Italy with an estimated 2023 value of 773 million Sm³ of advanced withdrawable biomethane, and by investing the 1.7 billion euros allocated in accordance with the new measures it will be possible to produce 8 billion cubic metres per year of biomethane by 2030, equal to about 30% of the government's goal of replacing gas supplies imported from Russia (*).

** source: CIB Italian Biogas Consortium*