Italy: "We save as much CO2 in a decade as Oxford produces in one year"

Eurosa production plant of Candela (Puglia) is celebrating its 10th anniversary. This Italian company is one of the pioneers of using waste energy from a power station to heat their greenhouse and they claim to be Europe's biggest energy farm. And over the last decade they have saved a lot on CO_2 emissions. "In the last 10 years, we have saved the amount of CO_2 emission that Oxford produces in one year", explains Paolo Ciccolella.

Paolo Ciccolella, Nadia Simone and Tomasso Matero at Myplant & Garden 2019.

Eurosa's main product groups are cacti and succulents, followed by the dipladenia. They are one of the biggest suppliers of dipladenia to the FloraHolland auction in Aalsmeer, the Netherlands.

Eurosa is the baby born out of a family of growers. "My parents established a nursery in Molfetta (Puglia, Italy) in 1953 and started to grow plants. We had a dream to do something meaningful and combine it with our passion of growing plants. The opportunity arose to heat the greenhouse in a more environmentally friendly manner."

In 2004 Eurosa signed an agreement with an important energy partner (Edison Power Plant) for the use of waste energy of their power stations in order to heat Eurosa's greenhouses. In 2009 the construction of their greenhouse started, as well as the construction of their neighboring company Edison Power Station.

Tubes going from the power plant to the greenhouse.

The hot waste water from Edison heats the 90 ha greenhouse of Eurosa by a tube going from thick to thin. "The water is about 35 degrees and goes back at 28 degrees." Impressive about the tube is the length, which is about the size of the earth's diameter.

When looking at the last decade, they see great results. "When comparing the CO_2 emission of Eurosa with that of a similar sized greenhouse with regular heating, over the last 10 years, we saved the similar amount of CO_2 emission that Oxford produces in one year."

FloraHolland Trade Fair
Next week, on March 6 and 7, the FloraHolland Trade Fair will be held in Naaldwijk, the Netherlands. Eurosa will also exhibit at this fair and can be found at booth number 7.4.