



## GREEN ENERGY SOURCES

“Since 2018, we have been using an innovative wood pyrolysis plant (syngas) fuelled by wood waste left over from the sustainable, PEFC-certified management of our forests in Nipozzano and Pomino.

It is more energy-efficient when compared to a classic combustion plant and emits much less CO<sub>2</sub>.

We produce 1,500,000 KWh a year, reducing CO<sub>2</sub> emissions in the atmosphere by 690 tonnes when compared to using fossil fuels.

At the same time, we use the thermal energy used to cool the plant to provide air conditioning for our Sieci site (Florence), further reducing CO<sub>2</sub> emissions.

All of the by-product of pyrolysis (biochar) is then used as an organic soil improver for fertilisation: around 100 tonnes are produced each year”.