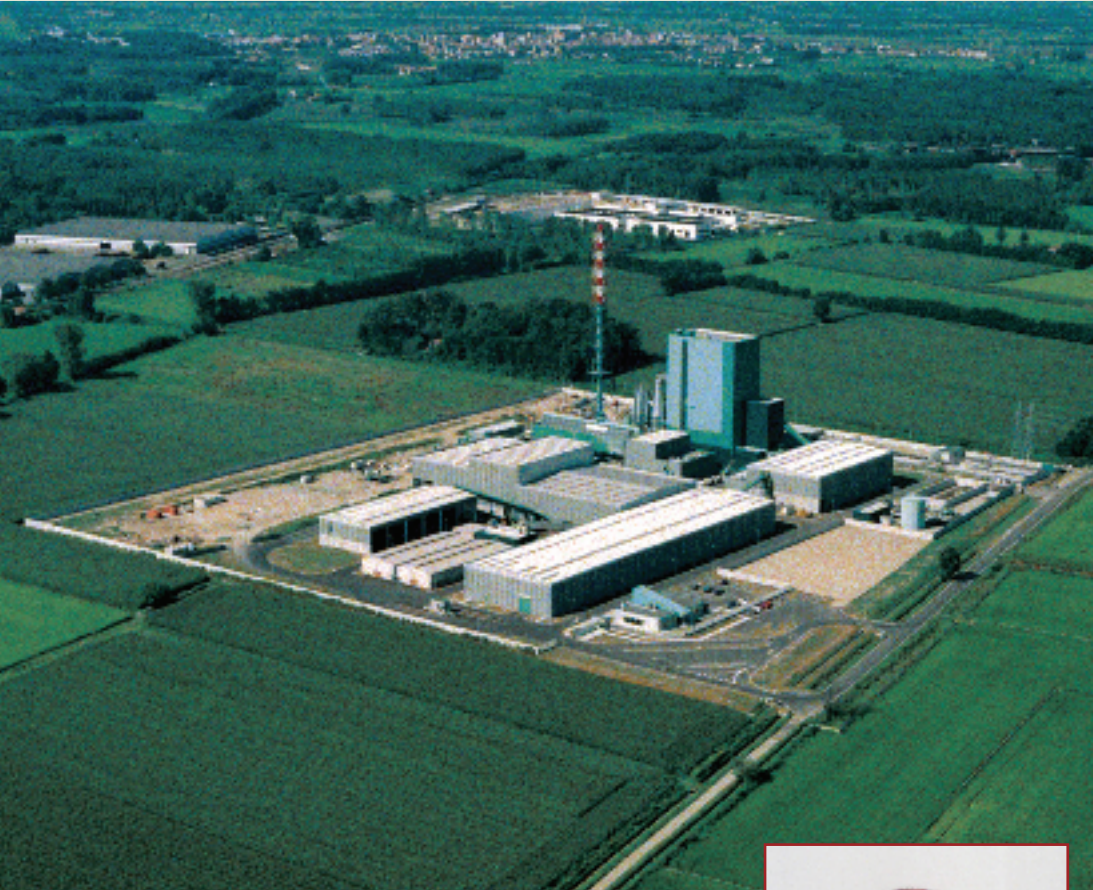


# Another EPC win

## Italian waste-to-energy expansion



Our Milan office has been awarded an EPC contract for the addition of a second processing line at Lomellina Energia's existing waste-to-energy plant at Parona, Italy. Foster Wheeler Italiana SpA owns 39% of Lomellina Energia Srl.

We also designed, built, started up and operate, with partners, the original plant, which has been in commercial operation since 1 October 2000.

This expansion project will allow the plant to process an additional 180,000 tons per year of RDF, producing an additional 20 MWe of power, which will be sold to the Italian national grid under a long-term power purchase agreement with the Italian national grid operator.

Our Global Power Group will again design and supply the circulating fluidised-bed (CFB) boiler, based on its proprietary 'Compact' technology. This CFB technology was selected to burn RDF and to produce steam for the generation of electricity because of its excellent environmental performance.

Our overall scope also includes a steam turbine and generator, a steam condenser, flue gas treatment, upgrading of the existing waste pre-treatment system and auxiliary facilities.

Early activities on the project started in February 2005. Commercial operation is scheduled for September 2007.

"The existing Lomellina plant was the first installation of its kind in Europe and is an integrated facility for recyclable materials recovery and refuse-derived fuel (RDF) production, composting and electricity generation. It processes 200,000 tons per year of municipal solid waste (MSW), converting approximately 60% into RDF, which is then combusted, generating 15 MWe of electric power."

**Gianfranco Brustia**  
Director, Power Division, & VP, Foster Wheeler Italiana

