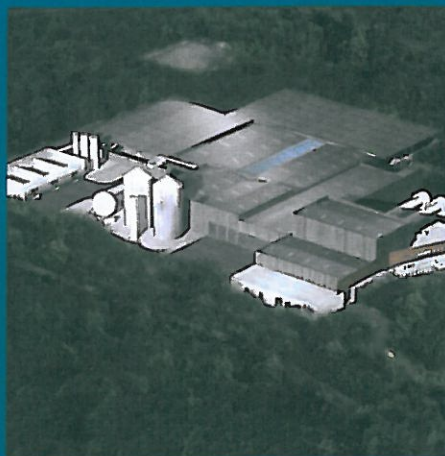


# warmer bulletin

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ISSUE 116

August 2008



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# Clean compost from mixed municipal solid waste

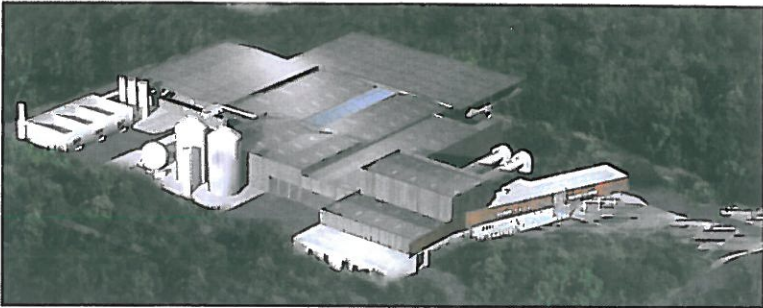
Belgian company OWS has received confirmation for its biggest AD plant to date. The order entails the turnkey supply of a large-scale digestion plant in Bourg-en-Bresse, France.

OWS is part of the winning group, together with the French Tiru, a subsidiary of Electricité de France. The project will treat 90,000 tonnes mixed household waste pa, together with 15,000 t green waste.

The investment cost of the French project amounts to a total of EUR 54 million, while the OWS delivery accounts for EUR17 million euro. Construction in Bourg-en-Bresse will start in March 2009 and will take two years. Once in operation, the project will produce 30,500 t compost and 14 million kWh of electricity pa.

Application of the new SORDISEP patented technology. The plant in Bourg-en-Bresse will make use of the 'DRANCO-technology', a dry digestion technology for the treatment of organics from municipal solid waste (MSW).

The waste is first treated in two rotating drums for two days to reduce the organic fraction to less than 40mm. The waste is then sent to a screen of 40mm and the fraction less than 40mm, which contains most of the organics, is subsequently digested



in two vertical 2,000 m³ silos.

OWS will also implement for the first time the patented SORDISEP-technology on a large scale for the post-treatment of the digestate; a treatment after dry digestion and utilizes very 'wet' conditions.

The new process greatly improves the quality of the compost obtained. Glass, plastics and other undesirables are removed at a high efficiency by fine screening and other treatment steps.

The remaining material is composed of sand, fibres and small organics which make up clean compost. The purified digested fraction will

then be mixed after dewatering with a small amount of green waste and composted during two weeks followed by a curing phase of six weeks.

The endproduct is a clean compost, which complies with the respective quality standards for compost in France. Currently there are also three other OWS-plants under construction in Spain, Germany and Belgium.

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