News Update 2009/08/06

Construction Progress of Biogas Plant, Jalgaon, INDIA

Construction progress of 1.6 MW_{el} biogas plant in Jalgaon, India (State Maharashtra) has almost seen the completion of civil works. The plant includes 4 High Performance Fermenters (*INNOVAS*-System) with a total capacity of 8,400 cubic metres of fermentation volume and the necessary pretreatment tanks together with buildings to house certain operations. The important phase of installing pipework and the mechanical equipment has started. The plant will be in operation by beginning of 2010.

View of the biogas construction site on August 1st 2009 *– The completed round concrete tanks and operations buildings can be seen in the foreground. The background shows the composting area.*

Through the concept of combining anaerobic digestion, biomass combustion and a composting, all accruing waste streams from the company's fruit and vegetable processing operations can be completely utilised – digestible material like banana and mango peels are converted to biogas; pomegranate shells become valuable compost. In addition fruit stones are used in a biomass combustion boiler. All the thermal energy produced (steam and waste heat from CHP) is fed into the company's facility producing fruit juice concentrate and dried vegetables.

The biogas plant is being built by indian corporation **JAIN Irrigation Systems Ltd.** under license of ***INNOVAS***. The basic design, support in components purchasing and supervision of construction works is being managed by **BMK-*INNOVAS* GmbH**. The project was sold into India together with **Sunspun** of Melbourne, Australia.

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