

CARWASTE

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TESTS FOR THE PILOT PLANT SET-UP

The construction of the pilot plant was concluded in December 2015. Despite some minor works were performed in January 2016, the testing phase started as scheduled.

In January, some tests with a little amount of material were done in order to check the parameters of each machine. The first impression on the product of light fraction was good: technicians removed a lot of dust and they did not find any metal or plastic residual, but in the heavy fraction of the Airgrader a lot of plastic, metal and foam were found.

Tests and modifications kept going in the following months, and in March, the Consortium achieved to send material through each machine of the process without blockages.

However, the suction had to be improved, so, after discussing and testing several solutions, GDE closed the first two channels of the machine with a metal sheet, and agreed with PAL to replace the fan with a bigger one in order to have more speed above the sieve and improve the separation of the foams.

After some initial issues with the installation, smoothly solved by GDE, the new fan is now working, and different tests have been performed. The first results are promising: the quantity of light fraction (foams, textiles, fibers) has decreased significantly, and the metal content has increased, showing a better concentration of the heavy fraction.

The CARWASTE has been presented at IFAT Fair, held from May 30 to June 3, in Munich (Germany).

For more details visit our website:
www.carwaste.eu



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