

PLASTIC KILLER

LIFE12 ENV/IT/000374

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The Pilot Plant Installation is concluded

The installation of the pilot plant - all those steps necessary to effectively and powerfully integrate the units and accessory components at PAL premises - has been concluded in January 2016. University of Padua collaborated to the activities for the installation and setting up of the prototype, in particular concerning the illumination system and the optical and spectroscopic system. Preliminary tests concerning field of view, illuminating and camera control system have been performed. Tests of the camera system on the pilot plant have started focusing on the detection, identification and selection processes at various speeds of the conveyor belt and for different volumes of material.

From 3rd November to 6th November 2015 PAL participated to Ecomondo Fair. The Plastic Killer machine was exhibited in the stand. On 3rd November was held the Workshop RE-WASTE INFO DAY – Research and Engineering for waste management – Tecnologie innovative e sfide ambientali: quali possibili sinergie?, organized by University of Padua.

At this event, Michele Libralato (from PAL) and Matteo Simonetta (from CEPRA) took part in the conference and they presented the project and its first results.

CEPRA participated in the exhibition “WMS” in Toronto (Canada) where the project has been disseminated at booth providing poster and by distribution of the Plastic Killer brochures. CEPRA displayed posters at booth and held a public presentation in a meeting, at the exhibition “Woodex” in Moscow (Russia) as a further part of the second Meeting with interested groups.

The main activity in this period is testing the whole system with a cycle of tests to assure that that the pilot plant is working properly. The data collected will be elaborated, and will enhance the analysis of Plastic Killer performances.

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



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