



WORKSHOP ON LATEST DEVELOPMENTS IN SORTING AND SEPARATION TECHNOLOGIES FOR WEEE PLASTICS (CloseWEEE PROJECT)

INTRODUCTION

Waste electric and electronic equipment (WEEE) is a complex waste stream comprising metals, glass, wood, plastics and other materials, which contains significant amounts of highly valuable resources.

The European WEEE directive requires the recycling and recovery of secondary raw materials from WEEE. Nevertheless, due to presence of hazardous compounds, such as brominated flame retardants, significant amount of WEEE plastics is not being recovered yet.

The European Project **CloseWEEE** “Integrated solutions for pre-processing electronic equipment, closing the loop of post-consumer high-grade plastics, and advanced recovery of critical raw materials antimony and graphite” organizes this workshop in order to demonstrate the latest developments in the value chain of plastics and the approach from the secondary raw material recovery from WEEE to the manufacturing of new products.



OBJECTIVES

- Presenting the latest developments and implementations in separation and sorting technologies for plastics contained in WEEE.
- Latest developments in technologies for polymer sorting applied to WEEE.
- Latest developments in technologies for sorting brominated flame retardant (BrFR) containing and BrFR-free plastics from WEEE.
- Added-value applications for recycled materials.

TO WHOM

- Recycling industries, waste collection companies, waste separation companies, waste management associations, clusters...
- Final users of recycled plastics.
- Public administration, local governments and organisms.

PROGRAMME

- 09:00 CloseWEEE Summary / Gergana Dimitrova / Fraunhofer IZM (Germany)
09:15 WEEE – Current Technologies in WEEE recycling industry / Alex Branderhorst / COOLREC (The Netherlands)
10:45 Identification of Br in WEEE plastics by LIBS / Oscar Salas / Fundación GAIKER (Spain)
11:15 Coffee-Break
11:45 TOMRA – WEEE Technologies / Judit Jansana / TOMRA (Spain)
12:15 How to define purity / Martin Schlummer/ Fraunhofer IVV (Germany)
12:45 Industrial needs vs. recycled materials / Sepas Setayesh / PHILIPS (The Netherlands)
13:15 Questions and discussion

DATE: 25th April 2017


LOCATION: Edificio Barco
Parque Tecnológico, Ed. 101
48170 Zamudio (Bizkaia)

FEE: The workshop will be held in English and participation is free of cost (travel and subsistence costs shall be covered by the participants).



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Inscription on line: <http://bit.ly/2mwkiF8>

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