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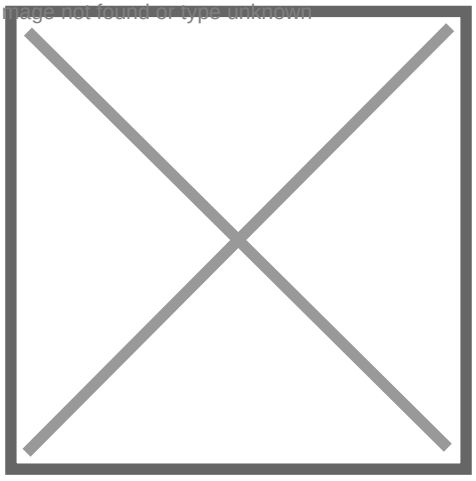

CE-SC5-01-2018

NONTOX

Full Title: Removing hazardous substances to increase recycling rates of WEEE, ELV and CDW plastics

Aim:

The overall objective of NONTOX is to increase the recycling rates of plastics waste containing hazardous substances by developing and optimising recycling processes to produce safe and high quality secondary plastic materials and by optimising the overall process economics by integration.

Concept:
NONTOX project is a combination of multiple recycling technologies. The project has eight workpackages, each focusing on unique parts of the NONTOX value chain beginning right from gathering the reliable statistics to novel pretreatment steps and from challenging our recycling technologies with complex plastic waste to defining the innovative approaches to valorize the recycled plastics. The concept positive impacts forseen are: an Significant reduction in incineration of valuable plastic waste approximating over 5 Mt/yr, a Reduction of almost 1 Mt CO2 eq/yr, Job creations from increased recycling facilities and lastky an Efficient use of raw materials in EU by implementing Eco-design concept.

Start date:
01/06/2019

End date:
31/05/2022