



PL^{♻️}ST2bCLE^{♻️}NED



This Project has received funding from the European Union's Horizon 2020
Research and Innovation Programme under Grant Agreement N. 821087

ABOUT THE PROJECT

The overall aim of PLAST2bCLEANED is to develop a human and environmentally safe recycling process for Waste Electrical and Electronic Equipment (WEEE) plastics in a technically feasible and economically viable manner.

Key technologies developed within the project are:

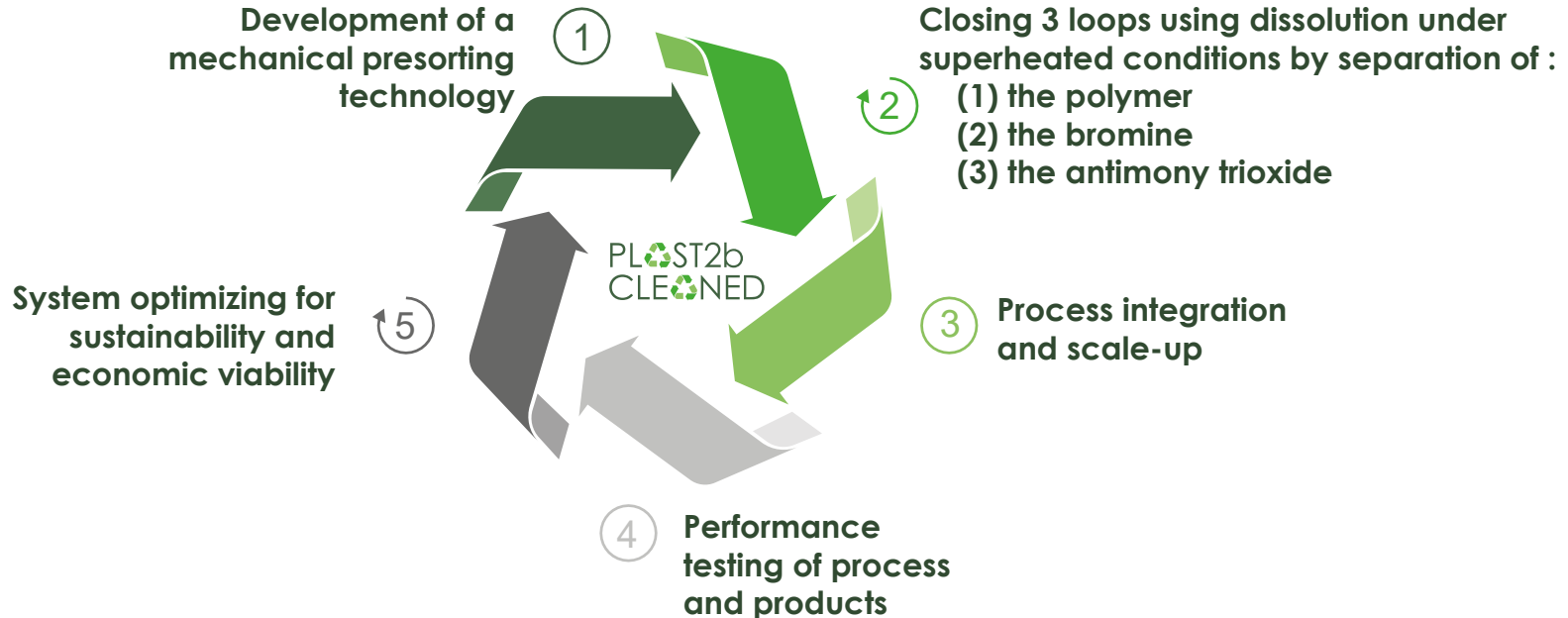
- Improved sorting of HIPS and ABS
- Dissolution of Waste Electrical and Electronic Equipment (WEEE) plastics in superheated solvents;
- Separation of additives to concentrate BFR and ATO fractions for recycling;
- Energy efficient recovery of solvent and of polymer.



OBJECTIVES

PLAST2bCLEANED

The overall aim of PLAST2bCLEANED is to develop a human and environmentally safe recycling process for Waste Electrical and Electronic Equipment (WEEE) plastics in a technically feasible and economically viable manner.



IMPACTS



Increased purity and/or desirable quality of secondary raw materials



Increased recycling rate for secondary materials and reduced landfill and incineration of wastes.



Reduced risk of retaining hazardous substances in recycled materials.



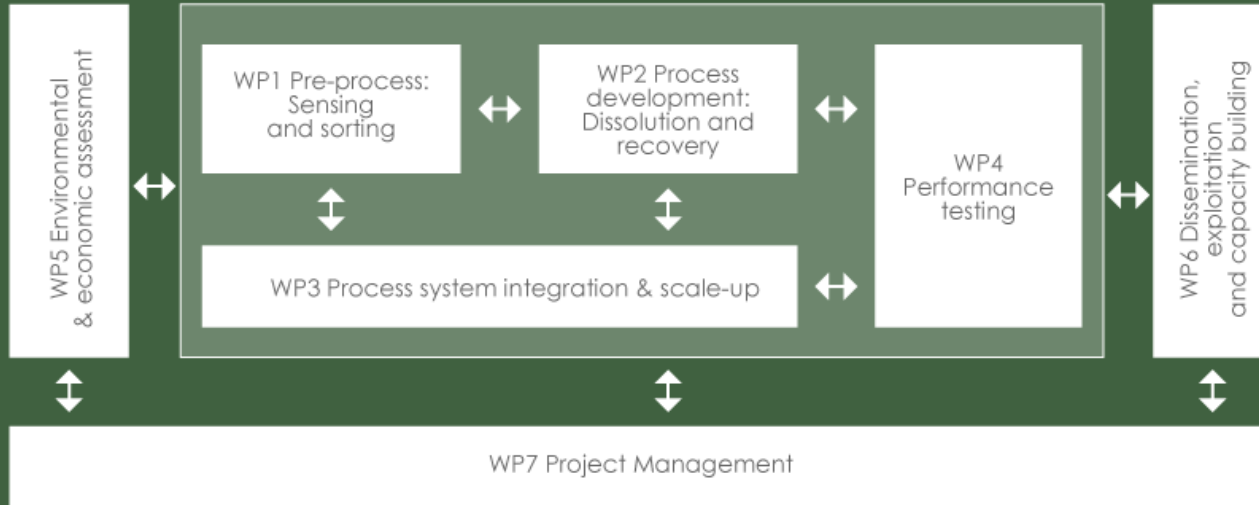
Implementation of the EU Circular Economy Action Plan and the 7th Environment Action Programme.



The Commission Strategy on Plastics in a Circular Economy and to the implementation of the SPIRE PPP Roadmap.



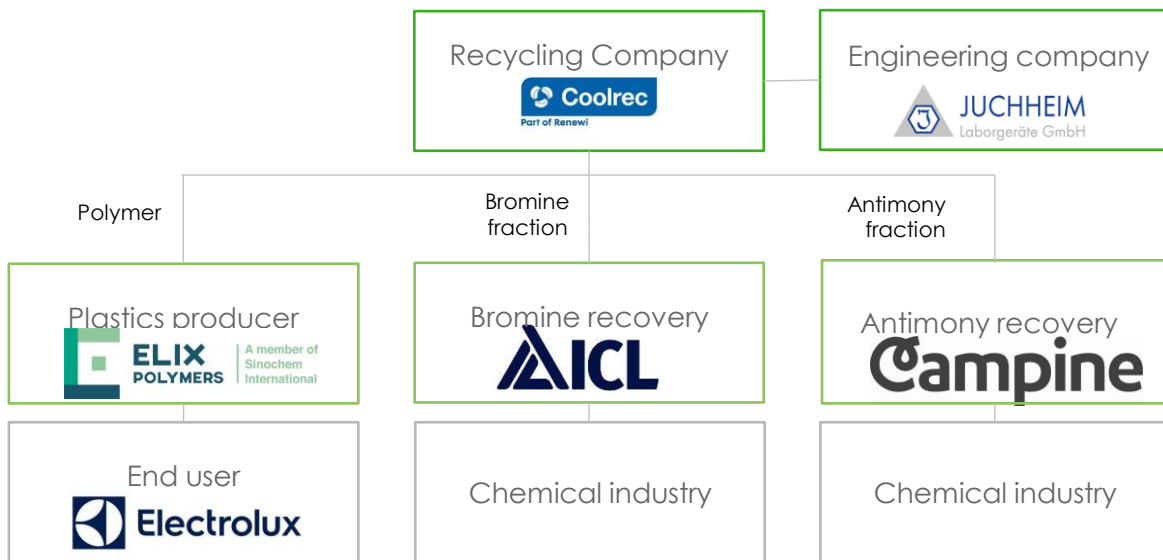
IMPLEMENTATION



CONSORTIUM

Industry/SME

Research Institutes



Coordinator


Gaiker

MEMBER OF
BASQUE RESEARCH
& TECHNOLOGY ALLIANCE

Dissemination and exploitation



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