

PlasPLUS – Related projects



The MMAtwo Project aims at constructing a novel and fast growing PolyMethylMethAcrylate (PMMA) recycling value chain based on the production of «Second Generation MethylMethAcrylate (MMA)» from post-consumer and post-industrial PMMA based products.

MMAtwo is funded under the EU H2020 R&I program (N°820687). This four-year project comprises 13 partners from 6 countries having mobilized € 8.9 M, including a €6.6 M funding from the EU H2020 R&I program. <https://www.mmatwo.eu/>



The polynSPIRE Project aims at demonstrating at TRL 7 a set of innovative, cost-effective and sustainable solutions to improve the energy and resource efficiency of post-consumer and post-industrial plastic recycling processes, targeting 100% waste streams containing at least 80% of plastic materials.

polynSPIRE is a SPIRE project funded under the EU H2020 R&I program (N°820665). This four-year project comprises 21 partners from 12 countries having mobilized € 9.8 M, including a €7.9 M funding from the EU H2020 R&I program. <https://www.polynspire.eu>



The PolyCE Project stands for «Post-Consumer High-tech Recycled Polymers for a Circular Economy» aims to :

- Demonstrate the feasibility of a circular model for the plastics supply and value chain.
- Develop a grading system for recycled plastics.
- Establish a feedback loop from research activities.

PolyCE is a SPIRE project funded under the EU H2020 R&I program (N°730308). This four-year project comprises 20 partners from 9 countries having mobilized € 9.5 M, including a €8.3 M funding from the EU H2020 R&I program. <https://polyce-project.eu/>



The aim of the REMADYL project is to rejuvenate the old PVC removing the hazardous LS (legacy substances) and performing re-additivation to stabilise the cleaned PVC. For this, a novel breakthrough extraction technology will be developed based on an integrated multi-step continuous extrusion process involving notably :

- Lab-scale for rejuvenating PVC.
- Detection and sorting process for PVC containing legacy substances.
- Pilot for continuous extractive extrusion process for rejuvenating PVC.
- Demo of re-use of rejuvenated PVC material streams / design for recycling.

REMADYL is a project funded under the EU H2020 R&I program (N°821136). This four-year project comprises 14 partners from 6 countries having mobilized €4.8 M funding from the EU H2020 R&I program. <https://remadyl.eu/>



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The Plastics Circularity Multiplier group comprises innovation projects joining forces to boost European Union efforts towards a circular economy for plastics. The Plastics Circularity Multiplier group will communicate to policy makers, the public and industry on a range of EU-funded innovations that aim to bring plastic materials into the circular economy of the future and create new business opportunities and jobs in Europe (<https://circulareconomy.europa.eu/platform/fr/node/2985>).

Focus Areas

H2020 – NMBP

*Nanotechnologies,
Advanced Materials,
Biotechnology, and
Advanced Manufacturing
and Processing*



H2020 – SC5

*Horizon 2020 Challenge 5
"Climate Action,
Environment, Resource
Efficiency and Raw
Materials"*



H2020 – SPIRE

*Sustainable Process
Industries and Resource
Efficiency*



H2020 – CIRC

Circular Economy

