

HORIZON EUROPE – OPPORTUNITA’ FINANZIAMENTO INIZIATIVE RICICLO

“Circular economy in process industries: Upcycling large volumes of secondary resources”

Cluster 4 | RIA (TRL4 > TRL 6)

 Scope: the upcycling of secondary resources must lead to the same quality and diversity of products as those obtained when using primary resources. Proposals can address the development of better separation/sorting technologies, quality and safety of recyclates, detection and removal additives, logistic aspects, etc.

 Any waste stream (except plastic waste & composites and steel scrap)

 Expected EU contribution per project: EUR 10.00-12.00 million

 Deadline: 20 April 2023

 Link [to the call](#)

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“Circular economy solutions for the valorisation of low-quality scrap streams, materials recirculation with high recycling rate, and residue valorisation for long term goal towards zero waste”

Cluster 4 | RIA (TRL4 > TRL 6)

 Scope: implementation of highly efficient technologies for recovering metal (iron and non-ferrous metals) and mineral fractions from in-plant steelmaking residues, enhanced utilisation of low-quality scrap by new technologies and by new iron/steel making routes, etc.

 Expected EU contribution per project: EUR 3-6.00 million

 Deadline: 20 April 2023

 Link [to the call](#)

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“Recycling technologies for critical raw materials from EoL products”

Cluster 4 | Innovation Actions

 Scope: Actions should develop material efficient high-quality recycling and preparation for re-use of one or more of the following end-of-life product categories/key waste streams: waste electrical and electronic equipment (WEEE), end-of-life vehicles, waste windmills and solar PV and machine tools (e.g. hard metal scrap)

 Expected EU contribution per project: EUR 7.00 million

 Deadline: 20 April 2023

 Link [to the call](#)

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“New processes for upcoming recycling feeds”

Cluster 5 | RIA

 Scope: focus on improved and verified circularity of collected, dismantled and pre-treated battery waste feeds. All recycling concepts should address waste stream(s) in question in a comprehensive manner, aiming at the maximal recovery of input elements and components, rather than selected fractions.

- New recycling concepts targeting the recycling of economically low value materials, (e.g. from Lithium-iron phosphate or sodium-ion ...)
- Highly efficient recycling of battery manufacturing scrap.

 Expected EU contribution per project: EUR 5.00 million

 Deadline: 18 April 2023

 Link [to the call](#)

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“Creating a digital passport to track battery materials, optimize battery performance and life, validate recycling, and promote a new business model based on data sharing ”

Cluster 5 | IA

 Scope: The availability of shared, interoperable, and trusted data for improving recycling and second life application might promote new business, assuring workforce and transportation safety.

 Expected EU contribution per project: EUR 8.00 million

 Deadline: 5 September 2023

 Link [to the call](#)

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“Increasing the circularity in plastics value chains”

 Scope: proposals should demonstrate and deploy at large scale innovative solutions and designs for increased quality, non-toxicity and durability of secondary materials and increased share of secondary materials in new products. Proposals should demonstrate increased recovery, recycling and upcycling rates and a higher uptake of secondary materials for high value applications.

 EUR 14.00 million (EUR 7.00 million/project)

 Deadline: 2024

 [Link to the call](#)

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“Circular solutions for textile value chains through innovative sorting, recycling, and design for recycling”

 Scope: facilitation of the disintegration of textile products through

- Product design, as an enabler for recycling
- Solutions for textile sorting, using innovative digital technologies
- Increased uptake of mechanical recycling solutions
- Thermo-mechanical, chemical and other recycling solutions

 EUR 14-15.00 million (EUR 5.00 million/project)

 Deadline: 22 February 2024

 Link [to the call](#)

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“Circular solutions for textile value chains based on extended producer responsibility”

Cluster 6 | IA

 Scope: support the high-quality separate collection, preparation for treatment and treatment of used textiles and textile waste, thereby enabling the optimal functioning of EPR schemes in this sector.

- Recommendations on improving the ease of identification of material composition
- Develop and test innovative labelling of textile products
- Recommendations on DfR that allows the use of EPR schemes

 EUR 14.00 million (EUR 7.00 million/project)

 Deadline: 22 February 2024

 Link [to the call](#)