

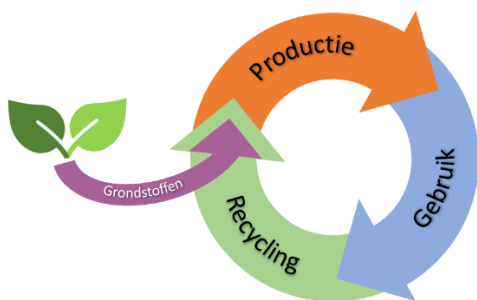


CircuZ

Circular plant-based materials for large-scale production of thermoset biopolymer resins and its application in recyclable products with a negative CO₂ footprint

The goal of CircuZ is to guarantee the availability of plant-based feedstock for large-scale production of price-competitive thermoset bio-resins with a negative CO₂ footprint.

The bio-resins are applied for the development of various circular products in collaboration with the various project partners. These include plant pots and food packaging (a coating of bio-resin on pressed recycled paper), composite products such as panels for tables and cladding on houses, chairs made of hemp fibre (with bio-resin as glue) and bio-foams to replace PUR foams. Another important topic within CircuZ is product recycling.



CircuZ started the 1st of January 2023, and will run for three years.

Over 3.5 million euros will be invested. Expectations are high. It promises to provide great insight into both securing sufficient bio-based feedstock for the bio-resins, and the application in the partners' various products. Also, large scale recycling of the bio-resins and the products are expected to become clear.

Contact information:

Plantics B.V.

[Chantal Claessens](#)

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