Isolago

Our projects

VinylGreen

Beneficiary Entities

COMPONIT

1 2 9 0

UNIVERSIDADE D COIMBRA

GRUPO POLITEJO

Cofinanced by

COMPETE 2020

PORTUGAL 2020

UNIÃO EUROPEIA
Fundo Europeu de Desenvolvimento Regional

Production of phthalate-free PVC pipes

Componit Lda., together with Politejo - Indústria de Plásticos, S.A. and University of Coimbra, aims to develop a new range of natural base plasticizers that will be synthesized in order to maximize its plasticising effect. The proposed approach aims at the development of synthesis method that can be used on an industrial scale and the synthesis of chemical structures that can simulate an interaction with PVC similar to the one that occurs with the use of phthalates.

The development of these plasticizers will increase the materials biodegradability and find a definitive solution that does not involve the use of toxic compounds.

Technical data sheet

Project name

VinylGreen - Production of phthalate-free PVC pipes

Project code

17789

Main Purpose

Reinforce research, technological development and innovation

Beneficiary Entities

Componit Lda. | Politejo - Indústria de Plásticos S.A. | University of Coimbra

Approval date

21/12/2016

Start date

01/01/2017

End date

31/12/2019

Total eligible cost

EUR 2 423 437.33

European Union financial support | FEDER

EUR 1 463 407.27