

EFFECTIVE

ADVANCED ECO-DESIGNED FIBRES AND FILMS FOR LARGE CONSUMER PRODUCTS FROM BIOBASED POLYAMIDES AND POLYESTERS IN A CIRCULAR ECONOMY PERSPECTIVE



FACTS & FIGURE

“Advanced Eco-designed Fibres and Films for large consumer products from biobased polyamides and polyesters in a circular Economy perspective”
H2020 – N. 792195

Duration
2018 – 2022 (48 months)



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N. 792195



DESCRIPTION

Project's aim
EFFECTIVE project aims to demonstrate innovative and economically viable ways to produce more sustainable fibres and plastic films. The focus is on making biobased polyamides and polyesters from renewable feedstocks rather than oil and gas and aims to accelerate progress toward a more circular economy and responsible use of materials. The project seeks to enable the use of biobased ingredients to go into widely-used consumer products across multiple markets, such as construction, automotive, packaging, garments, carpets and textile, and demonstrate improved ways of recycling or biodegrading materials.



HOW WE CONTRIBUTE

- Ecodesign guidelines and procedures for innovative and sustainable garment and carpet solutions
- Development of a customized platform for environmental and economic data collection
- Life Cycle Assessment
- Life Cycle Costing Analysis
- Social Life Cycle Assessment



EXPLOITABLE RESULTS

coming soon

