



DECEMBER 8, 2022

FINAL EVENT GREENER

GREENER is an Interreg project in which several knowledge institutions and companies based in Belgium and the Netherlands work together to contribute to a reduction of the microplastics pollution. Within the project, **biobased and biodegradable** polymers are investigated as **sustainable alternatives** for the widespread and water-soluble polymer **polyacrylic acid**. In this way, the amount of microplastics that enter our environment can be reduced and only non-toxic naturally occurring compounds are released upon degradation of these polymers. Next to development of these polymers, they are also valorized in a plethora of applications, ranging from superabsorbent materials for construction and 3D-printing for biomedical applications, to cosmetics, paper and coating applications. During this closure event of the GREENER project, you can get to know more about the project goals and how they were reached. All project partners will present their contribution to the project, followed by a networking event where you can meet the project partners and other participating institutions.

PROGRAM

12:30 – 13:00 h Registration with lunch

13:00 – 13:15 h Interreg presentation

Anne Coenegrachts (Interreg Flanders - the Netherlands)

13:15 – 13:30 h The GREENER project

Assoc. Prof. Katrien Bernaerts (Sustainable Polymer Synthesis group, Maastricht University)

13:30 – 13:50 h Amphiphilic copolymers based on poly(aspartic acid)

Sofiya Vynnytska (PhD student, Sustainable Polymer Synthesis group, Maastricht University)

13:50 – 14:30 h Crosslinkable poly(aspartic acid): from biocompatible hydrogels to superabsorbent polymers

Prof. Lieven Thorrez (Development and Regeneration, KULeuven Campus Kortrijk)
Lauren De Grave (PhD student, Polymer Chemistry and Biomaterials, UGent)

14:30 – 14:45 h Coffee break

14:45 – 15:05 h Testing and understanding of biodegradability

Assoc. Prof. Jules Harings (Macromolecular Physics and Technology, Maastricht University)

15:05 – 15:25 h Boost coating performance with poly(aspartic acid) copolymers

Jan Cocquyt (Govi)

15:25 – 15:45 h Poly(aspartic acid) polymers and derivatives for paper applications

Harm Jan Thiewes (Millvision)

15:45 – 16:05 h Work methodology and results of material development for Additive Manufacturing on DLP Technology

Tom Castermans (Tenco DDM)

16:05 – 17:00 h Networking reception

Who?

Industry, public and private organizations

Where?

On site: Chemelot,
Urmonderbaan 22 (gate 2,
building 200), 6167 RD
Geleen, the Netherlands
or
Online: Zoom

When?

December 8, 2022 from
12:30 to 17:00 h

**Participation is free,
but registration is
necessary. You can
register via**

[https://forms.gle/AaZ
EsxVydEdLvC1C6](https://forms.gle/AaZEsxVydEdLvC1C6)
until 01/12/2022.

**More information on
the project can be
found via**

[https://www.greener
poly.eu](https://www.greenerpoly.eu)

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