

Interreg
North Sea Region
BIOCAS

European Regional Development Fund



EUROPEAN UNION



Newsletter BIOCAS

"Develop rural areas in the NSR into prosperous areas by realizing Biomass Cascading Alliances (BCA) covering all stakeholders involved in the value chain of biomass"



Partner Meeting

Our 3rd partner meeting, took place from 13 december – 14 december 2018.

These two days we were guests at the Klimacenter Werlte, Germany.

During the meeting, partners presented their results so far. Very different subjects were highlighted. From developing (regional) innovative solutions in the transport- and industrysector till Polyphenols (flavonoids) from berry, apple and onion for nutraceuticals and cosmetics.

[Read more.](#)



Sustainable protein - from BSF larvae fed with residue biomass from Guldborgsund

After screening local biomass for fat, protein, carbohydrate and ash contents, 4 "menues" have been fed to Black Soldier Fly larvae in order to select the best, for 2 larger pilot batches producing minimum 3 kg larvae each. The larvae from the pilot test will be processed and the protein ready to be formulated and fed to fish in order to see if the fish likes the taste – and if the protein is suitable for fish feed.

[Read more.](#)



Festival cups tested at Welcome to the Village 2018

Limm Recycling

We tested about 800 BIO cups backstage on Welcome to the Village 2018. The goal of the test was to get a view on how visitors and attendees would experience the BIO cups on the festival.

[Read more!](#)



Rinagro participates in field research Germany

In the spring of 2019, a multi-year field study will take place in arable crops. In Germany we see declining yields in connection with the new "Dungeverordnung" (Manure regulation) farmers can no longer fertilize crops optimally and want to use and utilize the available N from animal manure as efficiently as possible.

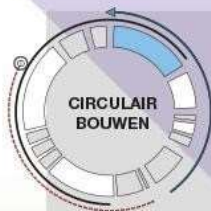
[Read more.](#)



BIOCAS - PLF (Lolland-Falster Partnership)

In week 48-2018, CELF / HTX visited BIOCAS partner SDU (university of Southern Denmark) for two days, where the purpose was for the students from CELF to be able to share knowledge with students from SDU, and work with technical analysis equipment.

[Read more!](#)



BIO-BASED FIETSBRUG RITSUMASYL

De eerste in zijn soort!

Werken aan de klimaatopgave door bouwen met plantaardige vezels.

1

De eerste biocomposiet brug in het openbare wegennet

Hernieuwbare grondstoffen zoals vlas en hars de basis voor het nieuwe product.



Oude brugdek krijgt een 2e leven in Aldwâldmersyl



Beweegbare, vrije overspanning van 22 meter



Draalbrug van biocomposiet



Totaal 66 meter biocomposiet brugdek



Bijzondere innovatiekracht door samenwerkingsaanpak tussen overheid, bedrijfsleven én onderwijs



Website www.drive.frl opgezet met open-source data biocomposiet

Interreg
North Sea Region
BIOCAS
European Regional Development Fund



provinsje Fryslân
provincie Fryslân



Strukton
Civiel

Witteveen **Bos**

Green PAC
Polymer Application Centre

SPiE

anteagroup

SWECO

INTERVA
Infrastructure



Strukton
Civiel

InfraTech Innovation Award

We did not win the Innovation award for best Innovative product. But we were very proud to be selected from 67 projects as a nominee. On Wednesday the 16th of January the award ceremony was held at the InfraTech fair.

This is the movie as shown at the fair https://www.youtube.com/watch?v=wI1_e-aallI

General information

- Project period: 01 July 2017 - 30 June 2021 • 18 partners from Belgium, Germany, Denmark and the Netherlands • Total budget: € 4.969.239
ERDF contribution: € 2.484.620

For more information about the project, please contact us:

Phone: +31 (0)58 292 53 05 E-mail: Biocas@fryslan.nl



@BiocasNSR



Biocas North Sea Region

