



# TECHNOLOGIES PAVING THE WAY TO THE CIRCULAR BIOECONOMY

In INTERREG BSR project [BREC](#) we tackle the challenge of going from linear agriculture economy to circular bioeconomy, the challenge of teaching and spreading circular agriculture practices that have considerably less environmental impact than conventional agriculture.

Join us in 3 webinar course on 5<sup>th</sup>, 12<sup>th</sup> and 19<sup>th</sup> April, 2024 at 9.00 CET to learn about circular technologies, such as:

- Pretreatment of lignocellulose rich materials
- Protein extraction
- Phosphorous extraction
- Biogas production
- Nitrogen enrichment of fertilizers
- Upgrading of biofertilizers
- Biochar

and combined technologies.

Webinars are free of charge, registration [here](#).

Link to webinars will be sent after registration, few days prior to the webinar. The link to webinars is the same for all three of them.

# Agenda

Moderator: Gundars Reders

5th April, 2024 9.00 CET

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9.00 – 9.20

**Pretreatment of lignocellulose rich materials -  
Briquettes from straw giving high biogas  
yields**

Henrik Bering Christiansen, Kinetic Biofuel



9.20 – 9.30

Questions and answers

<https://kineticbiofuel.com>

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9.30 – 9.50

**Biogas production**

Jukka Lehtonen, Metener OY, Finland



9.50 – 10.00

Questions and answers

<https://www.metener.fi>

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10.00 – 10.20

**Phosphorus extraction - Ash2Phos, Ash2Salt  
and Aqua2N technologies**

Anna Lundbom, EasyMining, Sweden



10.20 – 10.30

Questions and answers

<https://www.easymining.com>

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10.30 – 10.50

**Dewatering of manure, digestate after biogas  
plant**

Richard Logstrup, GEA



10.50 – 11.00

Questions and answers

<https://www.gea.com>

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11.00 – 11.15

**Interactive feedback survey**

12<sup>th</sup> April, 2024 9.00 CET

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9.00 – 9.20

**Protein extraction**

Thalles Allan Andrade, Aarhus University,  
Denmark



9.20 – 9.30

Questions and answers

[www.bce.au.dk/en](http://www.bce.au.dk/en)

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9.30 – 9.50

**Nitrogen enrichment of fertilizers**

Trond Lund, N2-Applied, Norway



9.50 – 10.00

Questions and answers

<https://n2applied.com>

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10.00 – 10.20

**Circular solutions for improved soil conditions**

Sampo Järnefelt, Soilfood, Finland-Sweden



10.20 – 10.30

Questions and answers

<https://soilfood.fi/en/>

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10.30 – 10.50

**Pyrolysis and development of bio char from different biomass fractions**

Nilsen Paal, VOW Green Metals,  
Norway



10.50 – 11.00

Questions and answers

<https://www.vowgreenmetals.com>

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11.00 – 11.15

**Interactive feedback survey**

19<sup>th</sup> April, 2024 9.00 CET

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9.00 – 9.20

**Agricultural Biorefinery Concept**

Mats Edström, Dep. Biorefinery and Energy, RISE - Research Institutes of Sweden



9.20 – 9.30

Questions and answers

<https://www.ri.se/en>

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9.30 – 9.50

**Pilot-SBG: Bioresources and hydrogen to methane as fuel**

Selina Nieß, DBFZ, Germany



9.50 – 10.00

Questions and answers

<https://www.dbfz.de/en/projects/pilot-sbg/start>

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10.00 – 10.20

**BREC Lesson Plan on circular bio-economy technologies - material for teachers and lecturers**

Adelina Stuparu, Region Vastra Gotaland Sweden



10.20 – 10.30

Questions and answers

<https://interreg-baltic.eu/project/brec/>

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10.30 – 10.45

**Interactive feedback survey**