



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 5th, 12th and 19th 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

9.00 – 9.20

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

Henrik Bering Christiansen, Kinetic Biofuel,
Denmark



9.20 – 9.30

Questions and answers

<https://kineticbiofuel.com>

9.30 – 9.50

Biogas production

Jukka Lehtonen, Metener OY, Finland



9.50 – 10.00

Questions and answers

<https://www.metener.fi>

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>

10.30 – 10.45

Interactive feedback survey

12th April, 2024 9.00 CET

9.00 – 9.20

Protein extraction

Thalles Allan Andrade, Aarhus University,
Denmark



9.20 – 9.30

Questions and answers

www.bce.au.dk/en

9.30 – 9.50

Nitrogen enrichment of fertilizers

Trond Lund, N2-Applied, Norway



9.50 – 10.00

Questions and answers

<https://n2applied.com>

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/>

10.30 – 10.50

Pyrolysis and development of bio char from different biomass fractions

Nilsen Paal, VOW Green Metals



10.50 – 11.00

Questions and answers

<https://www.vowgreenmetals.com>

11.00 – 11.15

Interactive feedback survey

19th April, 2024 9.00 CET

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>

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>

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/>

10.30 – 10.45

Interactive feedback survey