

The Danish Bioeconomy Panel 2017

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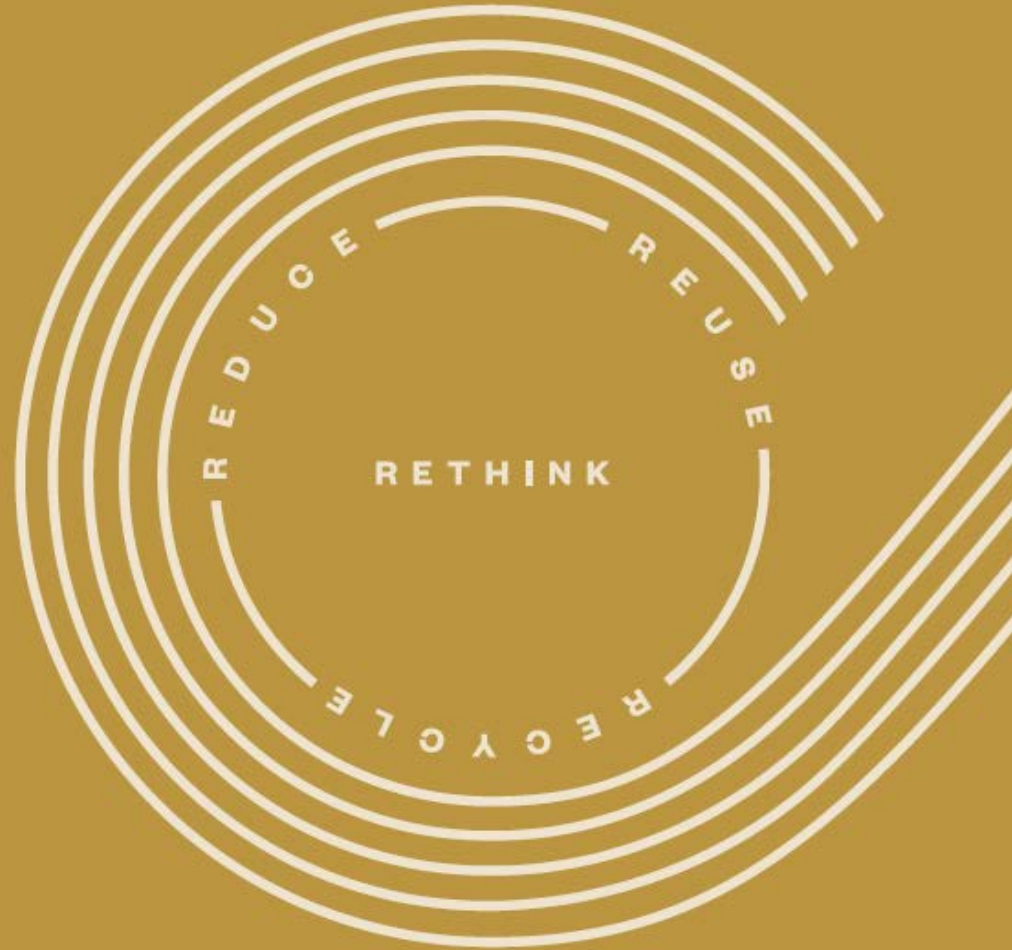
The Danish Bioeconomy Panel 2013- 2016



Se i øvrigt <http://mst.dk/virksomhed-myndighed/groen-strategi/biooekonomi/>

Advisory Board for cirkulær økonomi

Anbefalinger til regeringen



Advisory Board for
cirkulær økonomi

Advisory Board for Circular Economy

- Established in October 20 16 and delivered 27 recommendations in June 20 17
- The Advisory Board was chaired by Fl. Besenbacher and had 12 people from industry
- Three recommendations on bio- economy
 - # 14: Further conditions for bio- refinery
 - # 15: Establish new value- chains for agricultural crops, that make better use of photosynthesis.
 - # 16: Optimize the usage of animal products.

A new National Bioeconomy Panel

- Rambøll submitted an evaluation report in June 2016, recommending the panel be revised and the number of panel members be reduced.
- March 2017: The minister for environment and food announces the panel has been dissolved and a new panel would be established.
- August 10 2017: The new panel was launched.

The National Bioeconomy Panel (2017-)

- Formand Asbjørn Børsting, Direktør, DAKOFO
- Uffe Jørgensen, Leder af Center for Cirkulær Bioøkonomi, AU
- Bo Jellesmark Thorsen, Institutleder IFRO, AU
- Ib Johannsen, Lektor Institut for Ingeniørvidenskab, AU
- Anne Maria Hansen, Innovationsdirektør, Teknologisk Institut
- Henrik Wenzel, Professor, SDU
- Trine Aabo Andersen, CEO, ParticleTech
- Charlotte Thy, Sustainability Director, Danish Crown
- Michael Persson, Sekretariatsleder, DI Bioenergi
- Claus Crone Fuglsang, Senior Vice President, Novozymes
- Stine Leth Rasmussen, Afdelingschef, Dansk Energi
- Lene Lange, Professor, DTU
- Lars Visbech Sørensen, Direktør, Agro Business Park
- Niels Henriksen, Senior Advisor, DONG Energy
- Katherine Richardson, Professor, Københavns Universitet

Cross- ministerial Secretariat

- the Danish Energy Agency
- the Danish Business Authority
- the Danish Agency for Science and Higher Education
- the Danish Agricultural Agency
- the Danish Veterinary and Food Agency
- the Ministry of Environment and Food (the Department and Danish EPA).

The new panel

- Fewer members
- No ministries among the panel members (but continuing support from a cross-ministerial secretariat and a high-level group of officials).
- Stronger focus on business and commercialization
- Focus on outreach to companies, stakeholders, media and the general public.
- The panel recommendations must be backed up by evidence-based effect assessments
- The government will prepare an official reply upon receiving the recommendations, enhancing transparency.

Mandate

- “..identification of business opportunities within new value chains..”
- “.. **specific and ambitious recommendations** with impact on growth, jobs, environnement and climat et.”

First subject: New protein value chains

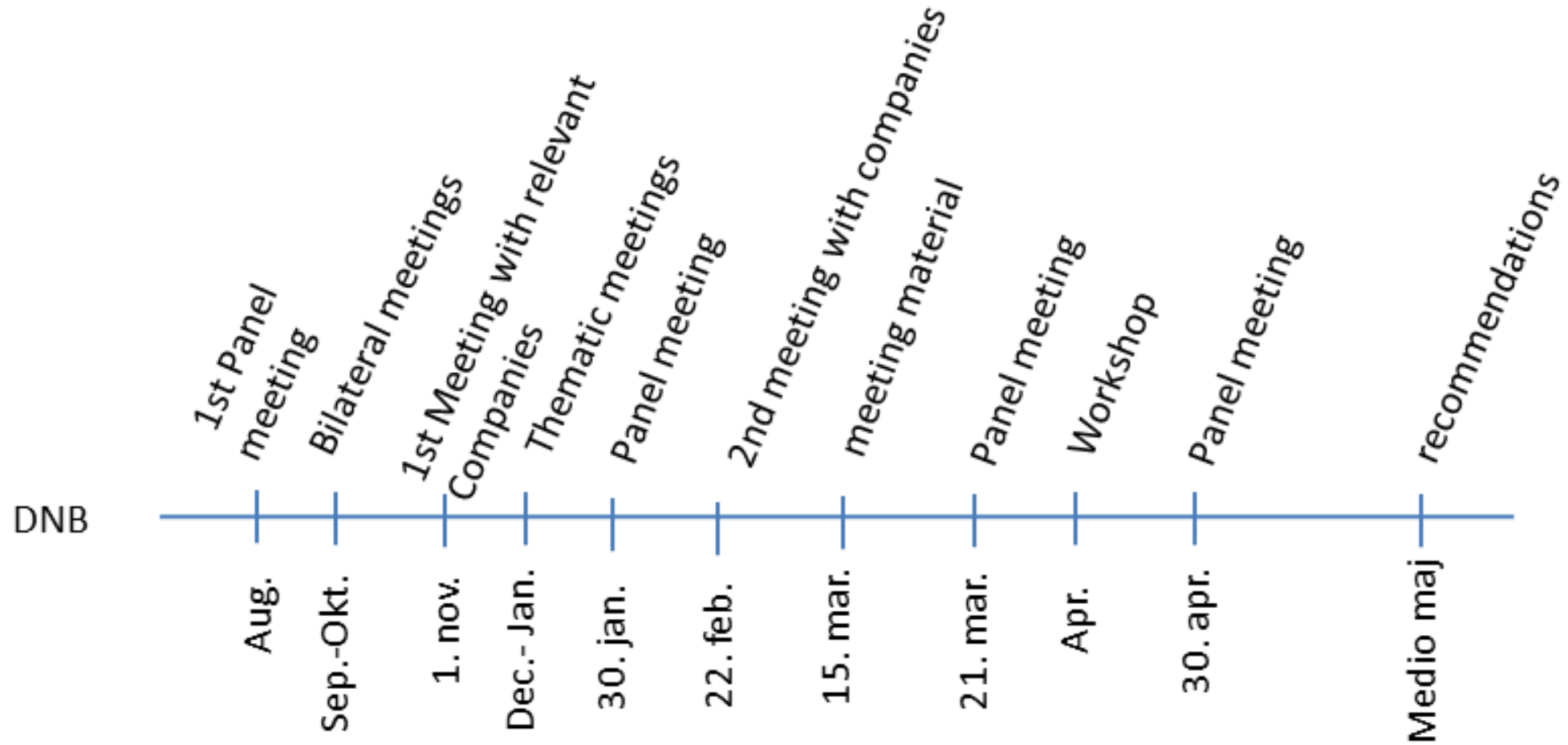
Up to the panel to decide how they will address this issue

- focus on specific biomass resources like grass, clover grass, beans, marine biomass (seaweed or mussels), insects etc.
- focus on processing potentials and barriers
- focus specific new types of products, like within ingredients, feed etc.

Market trends and political signals

- Global trends: How to feed an estimated global population of more than 9 billion by 2050. Demand for proteins are expected to increase by 15% in LDC's in 2024
- Europe: Meat consumption is falling especially in Stærk udvikling i UK, D, NL and CH. Demand for new plant based proteins is increasing.
- DK: 25 % of all Danes have reduced their meat consumption and further reductions are expected in the coming years
- The bioeconomy is closely aligned with the commitment to the UN SDG's

Time line



Analyser gennemføres i løbet af vinter17/forår18

Thematic clustering

1. **Plants / plant breeding** (new robust plants for the Danish climate)
2. **Feed stocks** incl. residual streams in the food production and other waste streams
3. **Processing and up-scaling** (new technologies)
4. **Markets** (how to penetrate and develop new markets for proteins)
5. **Recirculation**
6. **Partnering / PPPs**
7. **Capital and investments**
8. **System integration**

Workshop 10 April

Location: Mogens Dahl Koncertsal, Snorresgade 21 Kbh S.

12.00	Ankomst og sandwich	
12.30	Programstart	Mette Skøt interviewer Asbjørn (arbejdet i panelet, processen, formålet) Rammesætning af dagen
12.45	De store linjer for DK og Regeringens vision for bioøkonomi	Minister Esben Lunde Larsen (tbc)
13.00	Potentialet for proteiner i DK L&Fs handlingsplan	CEO, L&F, Karen Hækkerup (tbc)
13.20	Venturekapitalistens indspark: Hvorfor er det interessant at investere i bioøkonomi i DK?	Co-founder & Partner i JBI Equity, Kristian Bennetsen (er booket)
13.40	Kort opsamling og introduktion til Workshops plus transport til grupperum	Mette Skøt
14.00	Kommentering af anbefalinger i mindre grupper	Udvalgte anbefalinger på plancher med en procesbeskrivelse, kommentarer skrives direkte på plancher. Grupperne bliver samme sted hele tiden.
15.00	Pause	
15.10	Kommentering af anbefalinger i mindre grupper fortsat	Udvalgte anbefalinger på plancher med en procesbeskrivelse, kommentarer skrives på plancher.
16.00	Opsamling på grupper	Mette Skøt inviterer 3 panelmedlemmer på scenen til at give en 8 minutters recap af det de så (3 X 10 min når folk skal op og af scenen)
16.30	Afrunding og next step	Asbjørn lukker af, evt. igen i interviewform
16.50	Netværk over 1 glas vin og insektsnacks og andre smagsprøver	
17.30	Farvel	

<https://inbiom.nemtilmeld.dk/64/>

Recommendations from the Panel

- Shall DK have a Bioeconomy strategy with KPIs and indicators?
- How to focus the R&I effort and attract more funding?
- How to develop test facilities and support to biorefineries?
- How to create genuine and strong partnerships / PPPs?
- How to increase the international cooperation?
- How to benefit from CAP and the EU PROTEIN PLAN?
- How to attract more risk capital?
- How to get better regulations and framework conditions?

EU Initiatives

1. **BBBi- JU AWP and 2018 call:** Info day 17 April Brussels and 24 April at Haldor Topsøe, Lyngby.

2. **H2020 SC2 WP 2019- 2020**

3. **EIB / INNOVFIN: a new Circular Bioeconomy Thematic Investment Platform**

3. **Revision of the EU strategy from 2012** more info at:

http://ec.europa.eu/info/law/better-regulation/initiatives/ares-2018-975361_en. Possible to give feed back until March 20

4. **FP 9 and the mission approach**

Nordic and Global initiatives:

Strategic Programme for Strengthening the Nordic Bioeconomy 2018–2022

The International Bioeconomy Forum

Global Bioeconomy Summit 2018, Berlin

Kontakt

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