

Nordic SAF-leadership?

Policies – Technology options, Research
needs & Markets

Nordens Hus, 20th November 2019

Organised by:

NISA

Nordic Initiative for Sustainable Aviation



**Nordic Energy
Research**

DTU Chemical Engineering
Department of Chemical and Biochemical Engineering

Opening session

Moderator Martin Porsgaard, NISA

1. **Welcome by Svend Søyland NER, Nordic Energy Research**
2. **The Nordic SAF outlook by Martin Porsgaard, NISA**
3. **Introduction by Hariklia Gavala, Associate Professor, DTU**
4. **Aviation and climate challenges, Per Henriksen, Danish Aviation**
5. **Islandic Views regarding SAF possibilities, Jón Bernóðusson, Islandic Transport Authority**
6. **Swedish SAF investigation process and plan by Maria Wetterstrand, pointed out by Swedish Government**
7. **Global SAF initiatives: EU RED II, CORSIA, Airbus and Boeing by Frederic Eychenne + Claire H. Guilhot**

10:55 – Coffee Break

*Facing the
challenge:
Decisions, visions
and projects in
Norway*

Olav Mosvold
Larsen, Avinor



Pilot projects & Initiatives

- 1. Moderator Anker Degn Jensen, DTU**
- 2. Sustainable Biorefining Platform, Lasse Rosendahl Aalborg University**
- 3. SAS/PREEM Sustainable Aviation Fuel agreement, Sören Eriksson, PREEM**
- 4. Catalytic Pressureless depolymerization Karl Magnus Mattsson, Swestep**
- 5. Production- and delivery-solutions from Neste, Virpi Kröger**
- 6. Production- and delivery-solutions from AirBP, Thorbjörn Larsson**
- 7. Haldor Topsøe views on Sustainable Aviation Fuels, Jostein Gabrielsen & Sylvain Verdier**

Lunch anyone?



SAF technology solutions

Moderator Thomas Petersen, Aalborg University

1. Catalytic hydro pyrolysis for SAF, Anker Degn Jensen
2. Biomass gasification as a pathway for SAF, Jesper Ahrenfeldt
3. Electrofuels/RE-Fuels/Power to X, Peter Holtappels
4. Bio-refining and Biomanufacturing for SAF, Hariklia Gavala
5. Biobutanol as production pathway, Krist Gernaey/Helena Junicke
6. CERE Computer Aided Design, Georgios Kontogeorgis/Philip L. Fosbøl

Wrap-up

1. Discussion and questions on presented solutions, - by the moderators
2. Considerations/inputs from producers, buyers and investors, by Erik Wormslev
3. Today's Highlights. Wrap-up and recommendations by Erik Wormslev, NIRAS and Robert Arendal

• **17:00 End of Program**