



# ADVANCED BIOFUELS

17-19 SEPTEMBER 2019, STOCKHOLM, SWEDEN

WELCOME TO THE INTERNATIONAL  
ADVANCED BIOFUELS CONFERENCE

EUROPE IS READY FOR ADVANCED BIOFUELS!

Elite Hotel Marina Tower, Stockholm, Sweden

FINAL PROGRAMME INSIDE

ORGANISED BY: **SV**EBIO



# WELCOME TO THE ADVANCED BIOFUELS CONFERENCE IN STOCKHOLM!

The Swedish Bioenergy Association (SVEBIO) heartily welcomes you as participant to the beautiful city of Stockholm and the 5<sup>th</sup> international Advanced Biofuels Conference.

This conference gathers leading actors and stakeholders in the global biofuels industry. There will be more than 180 delegates from some 24 countries, with a common interest to promote advanced biofuels in reducing emissions and replacing fossil fuels.

As the days go forward you will learn from our distinguished speakers about commercial breakthroughs in technologies, new policy measures adopted and changing business models.

The basket of neat, clean biofuels are ever expanding with ethanol such as E85 and ED95, biodiesel such as HVO100 and B100 as well as bio-CNG, green petrol, biojet, bio-methanol, bio-DME and hydrogen.

Take the chance to visit the mini-expo with the companies presenting their products and services. Mingle with the exhibitors and take the opportunity to make partnerships or business deals.

Lastly, we would like to thank our sponsors Energifabriken, Neste, St1, UPM Biofuels and REG – Renewable Energy Group and all our partners.

We hope you will enjoy the conference and have a good time in Stockholm!



*Gustav Melin, CEO, Svebio, and  
Tomas Ekblom, Conference Director, Svebio*

**SEE YOU AGAIN NEXT YEAR!**  
15–18 September 2020, Stockholm

## WIFI AND TWITTER

**WIFI:** [elitetwif](#) (no password required)

Please feel free to tweet and share during the conference and activities!

[#abcbiofuels](#)

[@BioenergyIntl](#) / [@Svebio](#) / [@Tidn\\_Bioenergi](#)

## CONFERENCE DOCUMENTATION

Speaker presentations will be available for download (pdf) after the conference. You will receive all necessary information via e-mail.

Please contact us for any questions:  
[abc@svebio.se](mailto:abc@svebio.se)

## EXPLORE STOCKHOLM!

Stockholm is a beautiful city with water all-around and September is the perfect time to explore it. We encourage guests of conference participants enjoy Stockholm, taking the opportunity to look at the city attractions. Read more in the Official visitors guide, [visitstockholm.com/guides](http://visitstockholm.com/guides)



Try the SL commuter ferry 80 between Nybroplan and Elite Hotel Marina Tower. The trip takes about 15 minutes.



# CONFERENCE PROGRAMME, Wednesday 18 September

**08.00**      **REGISTRATION OPENS**, Elite Hotel Marina Tower, Stockholm

**09.00**      **POLITICAL STRATEGIES AND VISIONS  
– HOW TO REDUCE TRANSPORT EMISSIONS  
AND DEPENDENCY ON FOSSIL FUELS – PART 1**

ROOM: SKANSEN

**Chair:** Johanna Mossberg, RISE Research Institutes of Sweden

**Opening address,** Gustav Melin, CEO, SVEBIO, Sweden

**The green road to a fossil free transport sector**

Svante Axelsson, General Director, Fossil-free Sweden

**Biofuels – The fastest way to cleaner transport**

Henrik Henriksson, President and CEO, Scania, Sweden

**Sustainable bioenergy in Latin America and Africa**

Glaucia Mendes Souza, Professor / President of the FAPESP Bioenergy  
Research Program BIOEN, Universidade de Sao Paulo, Brazil

**From Paris to practice – How to scale up the advanced biofuels industry**

Panu Routasalo, Vice President, UPM Biofuels, Finland



Johanna Mossberg.

**10.30**      **COFFEE AND TEA WITH NETWORKING**

**11.00**      **POLITICAL STRATEGIES & VISIONS  
– HOW TO REDUCE TRANSPORT EMISSIONS  
AND DEPENDENCY ON FOSSIL FUELS – PART 2**

**Great potential for ethanol production and consumption in Europe 2030**

Alarik Sandrup, President of ePURE - European Renewable Ethanol /  
Director Public and Regulatory Affairs, Lantmännen, Sweden

**Taking waste based biofuels from niche to mainstream**

Emanuele Fratantuono, Biofuel Trader, Renewable Energy Group, The Netherlands

**The road to fossil-free transport with DHL**

Ulf Hammarberg, Business Process Management / Environmental Affairs, DHL, Sweden

**General Panel Discussion**

**12.30**      **LUNCH AND NETWORKING IN “SQ” RESTAURANT**

THE PROGRAMME CONTINUES »

**”AT ADVANCED BIOFUELS  
WE MEET THE PIONEERS  
AND THE INDUSTRY THAT IS  
SPEARHEADING THIS VERY  
EXCITING DEVELOPMENT.”**

*Johanna Mossberg, Conference Chair*



Gustav Melin



Svante Axelsson



Henrik Henriksson



Glaucia Mendes Souza



Panu Routasalo



Alarik Sandrup



Emanuele Fratantuono



Ulf Hammarberg



## CONT. CONFERENCE PROGRAMME, Wednesday 18 September

### 13.30      **ADVANCED BIOFUELS FOR EUROPE – PARTNERSHIPS AND CHALLENGES FOR BUSINESS OPPORTUNITIES**

#### **Aviation in Norway: How to fly on biojet in 2020 and beyond**

Judit Sandquist, Research scientist, SINTEF Energy Research, Norway

#### **Developing chemistry with renewable feedstock – Looking for smart solutions!**

René Backes, Business Development Specialist Renewables, BASF, Germany

#### **The forest industry – An essential player for mitigating climate change**

Katarína Kolar, Sustainability Director, SCA, Sweden

#### **HydroFlex – The solution to production of renewable jet fuel and diesel**

Mikala Grubb, Senior Business Development Manager, Haldor Topsoe, Denmark

### 14.50      **COFFEE AND TEA WITH NETWORKING**

### 15.20      **POLICY AND INDUSTRY PERSPECTIVES – POSSIBILITIES AND COMMERCIALIZATION**

#### **Roll out of the pyrolysis technology throughout Europe**

Gerhard Muggen, CEO, BTG-BTL, The Netherlands

#### **100% change – In fuel and mind!**

Karin Varverud, Managing Director, Energifabriken Norway, Sweden

#### **Sunliquid – Bringing cellulosic ethanol to scale**

Gloria Gaupmann, Head of Public Affairs, Technology & Innovation, Clariant, Germany

#### **General Panel Discussion**

### 16.45      **END OF DAY 1**

## **CONFERENCE DINNER CRUISE ON M/S WAXHOLM III**

Join us for a spectacular evening dinner cruise and enjoy a fantastic dinner while passing several islands around Stockholm. We will pick up our guests from "Nybrokajen" in town or from the "Elite Hotel Marina Tower".

#### **DEPARTURE TIMES:**

- 18.30 Departure from "Nybrokajen", Berth 9 (Kajplats 9)
- 19.00 Departure from "Elite Hotel Marina Tower"
- 22.00 Arrival back at "Elite Hotel Marina Tower"
- 22.30 Arrival back at "Nybrokajen"

Please be on time since the boat will not be able to wait for any passengers arriving late. We recommend 10 minutes before departure.

*Please note that registration is required.*





# CONFERENCE PROGRAMME, Thursday 19 September

**08.00**      **REGISTRATION OPENS**, Elite Hotel Marina Tower, Stockholm

**09.00**      **FUTURE FOR ROAD TRANSPORT – WHERE ARE WE HEADING?**

ROOM: SKANSEN

**Chair:** Tomas Ekbom, Conference Director, SVEBIO, Sweden

**Where are all the Advanced Biofuels going to come from?**

Steve Rogers, Business Development Manager, Licella, Australia

**Advanced bioethanol, today and tomorrows solutions for sustainable transports**

Sofia Winternell, Business Development Manager, Sekab Biofuels & Chemicals, Sweden

**Time to act faster and bolder – To stop climate change**

Andreas Teir, Vice President, Sales Nordics | Renewable Road Transportation,  
Neste Corporation, Finland

**Expanding business from tall oil to tall diesel and high-value bioproducts**

Jonas Vinblad von Walter, Production Manager, SunPine, Sweden

**09.00**      **PARALLEL WORKSHOP, PROGRAMME ON NEXT PAGE »**

ROOM: SOLLIDEN

**10.20**      **COFFEE AND TEA WITH NETWORKING**

**10.50**      **CLEAN BIOFUELS – THE BRIDGE TO FOSSIL FREE TRANSPORT**

**Cutting costs with synthetic biofuels – Commercialization pathway to markets**

Ilkka Hannula, Senior Scientist and Principal Investigator, VTT, Finland

**Commercialization of biofuels at IEA Bioenergy TCP Task 39**

Jack Saddler, Professor, University of British Columbia, Canada

**Status update of commercialisation of biofuels in the USA and a market outlook**

James D. McMillan, Chief Engineer, NREL, USA

**Sudden impact – The need and importance of biofuels  
with global warming and climate change**

Tomas Ekbom, Program Director, SVEBIO, Sweden

**12.10**      **LUNCH AND NETWORKING IN THE LOBBY**

**13.30**      **BIOFUELS IN AVIATION AND MARINE TRANSPORT  
– WE ARE FLYING AND SAILING GREEN**

**Chair:** Johanna Mossberg, RISE Research Institutes of Sweden

**Biojet demonstration in Piteå – Industrial scale-up for commercialization**

Anna Soltorp, Head of Sustainability, BRA - Braathens Regional Airlines, Sweden

**World's largest LBG plant, for road and maritime**

Marianne Langvik, Commercial and Finance Manager, Biokraft, Norway

**Reaching zero net emissions by 2050 – A maritime perspective**

Anne Sophie Vinther Hansen, Senior Innovation Project Manager, A.P. Møller-Maersk, Denmark

**Closing remarks**, Tomas Ekbom, Program Director, SVEBIO, Sweden

**14.40**      **COFFEE AND TEA WITH NETWORKING**



Jack Saddler



James D. McMillan



Tomas Ekbom



Anna Soltorp



Anne Sophie Vinther  
Hansen



Marianne Langvik

## WORKSHOP, Thursday 19 september

### HOW TO ACCELERATE COMMERCIALIZATION OF BIOREFINERIES FOR LARGE SCALE BIOFUEL PRODUCTION?

– The role of the financial sector and good examples from industry

**WHEN:** 09.00-12.00

**WHERE:** SOLLIDEN

#### 09.00 Introduction to the challenges ahead regarding large scale mobilization of capital for upscaling and deployment of biorefinery technologies

Patrik Klintbom, Chair, ETIP Bioenergy, Sweden

##### The perspective of the financial sector

Presentations and discussions with focus on challenges and prerequisites for large scale capital investments in new sustainable technologies, strategies for de-risking of such investments. Innovative funding schemes etc. How does different financial actors work with financing of this type of investments? Are there special conditions associated with investments in biorefinery technologies and what can we learn from other areas?

- **Amelie Nordin**, Sustainable Finance Manager, Swedbank, Sweden
- **Patrik Marckert**, Senior Manager, Nordic Investment Bank, Finland
- **Lars Waldheim**, Waldheim Consulting, Sweden

#### 10.20 COFFEE AND TEA WITH NETWORKING

#### 10.50 Good examples from industry and development projects

Presentations and discussions with focus on the good examples and discussion about challenges encountered by the industry when scaling up biorefinery technologies. Which are these challenges and how can they be overcome? Are there special conditions associated with investments in biorefinery technologies from the industry perspective?

- **Misha Valk**, Head Business Development, SkyNRG, The Netherlands
- **Filip Johnsson**, Chalmers and the ADVANCEFUEL project, Sweden
- **Lars Lind**, Managing Director, Adesso BioProducts, Sweden
- **Summary**, Patrik Klintbom, Chair, ETIP Bioenergy and Johanna Mossberg, Focus Area Manager - Fossil Free Transport, RISE, Sweden

#### 12.00 LUNCH AND NETWORKING IN THE LOBBY



Patrik Klintbom

Amelie Nordin

Patrik Marckert

Lars Waldheim



Misha Valk

Filip Johnsson

Lars Lind

Johanna Mossberg

Arranged in collaboration with RISE  
Research Institutes of Sweden,  
ETIP Bioenergy and the project ETIP  
Bioenergy SABS II.

**RI  
SE**

 **ETIP Bioenergy**  
European Technology and Innovation Platform

## ABOUT OUR SILVER SPONSORS

We would like to thank our great sponsors for supporting us in organising this conference.

### » ENERGIFABRIKEN

Energifabriken distributes and sells high blended biofuels throughout Sweden and in Norway. Energifabriken is privately own and was started more than ten years ago by three farmer families with a strong interest and focus on fossil free farming. The focus and acquired knowledge spread to other market sectors with a new and growing demand of biofuels. The driving force for Energifabriken is to make it easy, fun and profitable to use renewable fuels. Visit [energifabriken.se](http://energifabriken.se)



### » NESTE

Neste (NESTE, Nasdaq Helsinki) creates sustainable solutions for transport, business, and consumer needs. Our wide range of renewable products enable our customers to reduce climate emissions. We are the world's largest producer of renewable diesel refined from waste and residues, introducing renewable solutions also to the aviation and plastics industries. We are also a technologically advanced refiner of high-quality oil products. We want to be a reliable partner with widely valued expertise, research, and sustainable operations. In 2018, Neste's revenue stood at EUR 14.9 billion. In 2019, Neste placed 3<sup>rd</sup> on the Global 100 list of the most sustainable companies in the world. Visit [neste.com](http://neste.com)



### » REG – RENEWABLE ENERGY GROUP

Renewable Energy Group, Inc., (Nasdaq: REGI) is leading the energy industry's transition to sustainability by transforming renewable resources into high-quality, cleaner fuels. REG is an international producer of cleaner fuels and North America's largest producer of biodiesel. REG solutions are alternatives for petroleum diesel and produce significantly lower carbon emissions. REG utilizes an integrated procurement, distribution and logistics network to operate 14 biorefineries in the U.S. and Europe. REG is meeting the growing global demand for lower-carbon fuels and leading the way to a more sustainable future. Visit [regi.com](http://regi.com)



### » St1

St1 vision: to be the leading producer and seller of CO<sub>2</sub>-aware energy. Our goal is to develop and commercialize functional and environmentally sustainable solutions and deliver these solutions profitably. Each solution must be technically ready for use today. They also have to be ecologically and ethically sustainable and logistically feasible. We believe we will attain this vision by running a responsible and profitable business, where economic performance, social responsibility and environmental impact are balanced. Visit [st1.eu](http://st1.eu)



### » UPM BIOFUELS

UPM Biofuels produces renewable and sustainable products for the transport and petrochemicals industries. We offer our customers ways to replace fossil raw materials and reduce their carbon footprint. UPM's innovative, bio-based products are frontrunners in quality, usability and sustainability. They will significantly decrease greenhouse gas and tail pipe emissions compared to fossil fuels. UPM Biofuels utilises crude tall oil - a wood-based residue of pulp production - to produce renewable diesel which can be used in all diesel engines, and renewable naphtha which can be used as a biocomponent in gasoline or in petrochemical industry to make, for example, plastics or glues. Visit [upmbiofuels.com](http://upmbiofuels.com)



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