

« Success factors of a proactive wood-energy program »

A technical webinar co-organized by METROL and RISE
Thursday, December 9, 2021 • From 14:00 to 17:30

Context

The Swedish government decided some years ago to speed up the reduction of emissions that affect the climate. One of many climate investment activities is the finance of the "Klimatklivet" (*The Climate Leap*). The Environmental Protection Agency has been commissioned, along with other central government agencies and the county administrative boards to support local climate investments. The energy transition from fossil to renewable fuels in the Swedish Industry and also buildings have been massive and carbon dioxide emissions have been reduced during the last years in Sweden.

Webinar content

Background and present situation of bioenergy and wood-energy in Sweden & France. Key factors to promote and develop the use of bioenergy in an economically and environmentally optimal way. Main technological innovations to support the development and structuring of the sector.

Questions that will be addressed by the speakers

- What is the level and expression of political will?
- How has the regulation been adapted?
- What support mechanisms have been deployed?
- What relationships have been established between professional actors?
- What technological innovations have supported the program?
- What examples in biomass installations can be identified in Sweden?
- How can industry utilize circular resources?
- What is Sweden's assessment and feedback?



14:00 – 15:30 • Context and progress in Sweden & France (15 min each: 10 min pres. + 5 min Q&A)

SVEBIO, Swedish Bioenergy Association



Mr Gustav MELIN, President of SVEBIO.

Carbon Tax - incentive to bioenergy development in Sweden and prerequisites for biomass in industrial and municipal applications.

SEPA, Swedish Environmental Protection Agency.

Mr Carl Mikael STRAUSS, Head of Unit "Klimatkliv for Industry", Climate Department of SEPA.

Mrs Audrée PAQUETTE, Senior Advisor, Unit "Klimatkliv for Industry", Climate Department of SEPA.

How the "Climate leap" has increased the energy transition in Sweden. Background and results.



NATUR
VARDS
VERKET
SWEDISH ENVIRONMENTAL
PROTECTION AGENCY

ADEME SRER, Agency for ecological transition, Bioressources Department.

Mr Simon THOUIN, Biomass Energy Engineer and/or Mrs Laurianne HENRY

The French program for bioenergy & wood-energy. Objectives and incentive (Fonds chaleur).



CIBE, Inter-professional committee for wood energy.

Mrs Clarisse FISCHER, General Delegate.

Development prospects for wood energy in France.



FNCCR, National federation of granting authorities.

Mr Guillaume PERRIN, Deputy Head of the Energy Dpt & Head of the Heating Networks Service

Expectations of local authorities on wood energy.



PROPELLET, French Association of wood pellet heating professionals

Mr Eric VIAL, General Delegate.

The pellet market for industrial and municipal applications in France.



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15:30 – 17:10 • Case studies in industrial, municipal & agricultural sectors (10 min each)



1/ JANFIRE AB

Mr Robert INGVARSSON, Technical Director

Stand alone heat production from biomass in industrial laundries.



2/ PETRO BIO AB

Mrs Johanna LINDEN, CEO

Utilizing biomass waste streams in manufacturing industry.



3/ PST in Torsås AB

Mr Kristofer BARD AHLSTRÖM, Managing Director

Examples of conveyor solutions to biomass installations.



4/ WTS AB

Mr Björn FORSBERG, Senior Advisor

High performance burners for district heating networks.



5/ AGAINITY AB

Mrs Kristina PETTERSSON, Sales and Process Engineer

Power production with ORC turbines at heating plants.



6/ EKOSYSTEM

Mr François PAL, COGEXYL ENERGY, President

Examples of fossil fuel substitution in greenhouses.



7/ RADSCAN

Mrs Helena ROOS, CEO

Examples of flue gas condensation in municipal district heating networks.

17:10 – 17:20 • Questions & exchanges

17:20 – 17:30 • Summary, conclusion and perspectives

Mr Gustav MELIN, President of SVEBIO.

Mr Philippe ROCHER, Director of METROL.

Mr Simon THOUPIN, Biomass Energy Engineer and/or **Mrs Laurianne HENRY**, ADEME.



Swedish bioenergy climate solutions is a bioenergy development platform financed by the Swedish Energy Agency, with the ambitions to spread competitive renewable energy applications on international markets. The project is coordinated by the Research Institutes of Sweden (RISE), the Swedish Bioenergy Association (SVEBIO) and the Swedish Pellet Association

