



BIOAGRO

Renewable Source of energy

Jordbruksavfall som pannbränsle i BIOAGRO-projektet



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www.bioagrolife.com



Bio Mass Biolers – 0,5 - 16 MW.

Dry and moist fuels, 5-65% moisture

- Installations in all types of infrastructure.
- Turn-key Installations
- Transportable boiler systems



1 Big thing – U.S Amb.
Michael Woods

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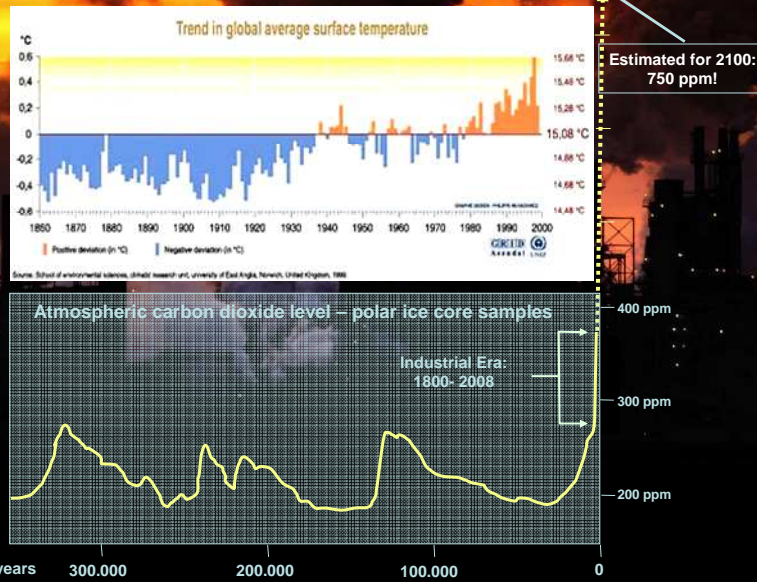


Ellinge Farm 2200 kW Wood Chips



Mörbylånga, 1500 kW Wood Chips Mobile Unit

Factor 1: Correlation between CO₂ and temperature



Sawdust - Increasing demand. Need for new raw materials..

"Important for the future use of pellets is to use other products from biomass and waste products for pellets production"

– Per Ottosen DONG Energy Generation

"Supply for raw material must be secured – speed up product development and alternative raw materials"

– Lars Romney, Statoil Pellets Sweden

"Solutions for sawdust supply shortage: diversify in producing pellets from alternative raw materials"

– Frédéric Douard, ITEBE



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Need for alternatives to sawdust



Straw, Hemp, Seed crop residues, Elephant/Switchgrass

Agro-residues – an untapped potential

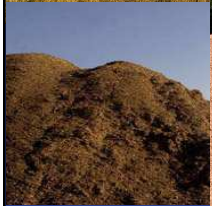


Image from [gettyimages](http://gettyimages.com) www.bioagrolife.com

- 16 billion
- 16 million tons/year EU-15



Non-food biomass



Source: European Biomass Industry Association



The solution is BIOAGRO..







Vår moderna och rationella utsädesanläggning borgen för högt ställda krav på certifierat utsäde.



Spannmålen förpackas i storsäck eller 50kg småsäck. Vallfröblandningar förpackas i 10 kg och 25kg förpackningar.



När råvaran kommer in till anläggningen behandlas varje parti individuellt. Med en kombination av olika rensparametrar får man fram utsäde av absolut högsta kvalitet.





Avrens – dumpas som standardprocedur



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Out of 700 applications to EU-LIFE program
BIOAGRO is ranked 13.

LIFE is contributing with 22 % during the 4 year project span.

Skånefrö AB

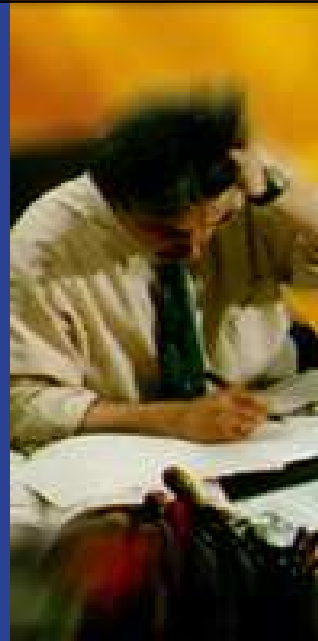


HOTAB AB



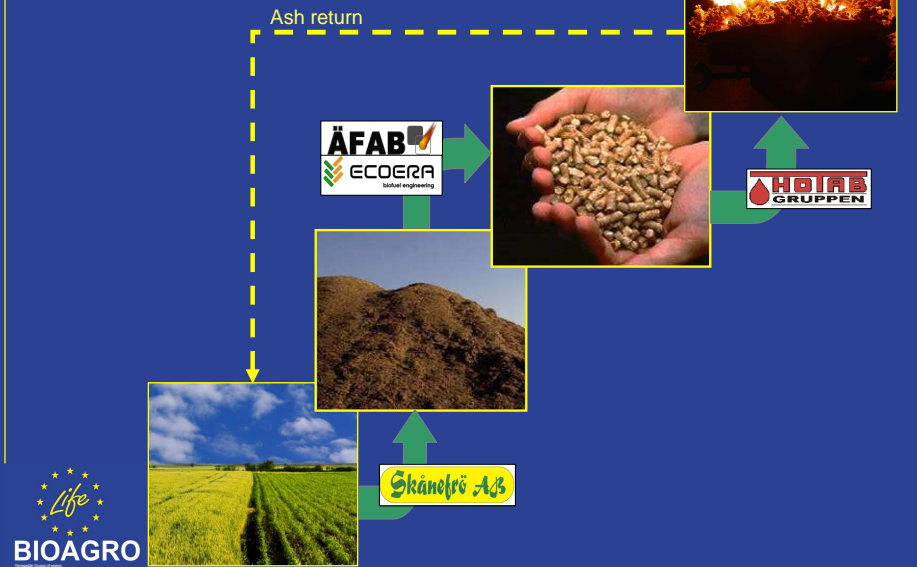
Project owner Skånefrö AB and Hotab are collaborating with

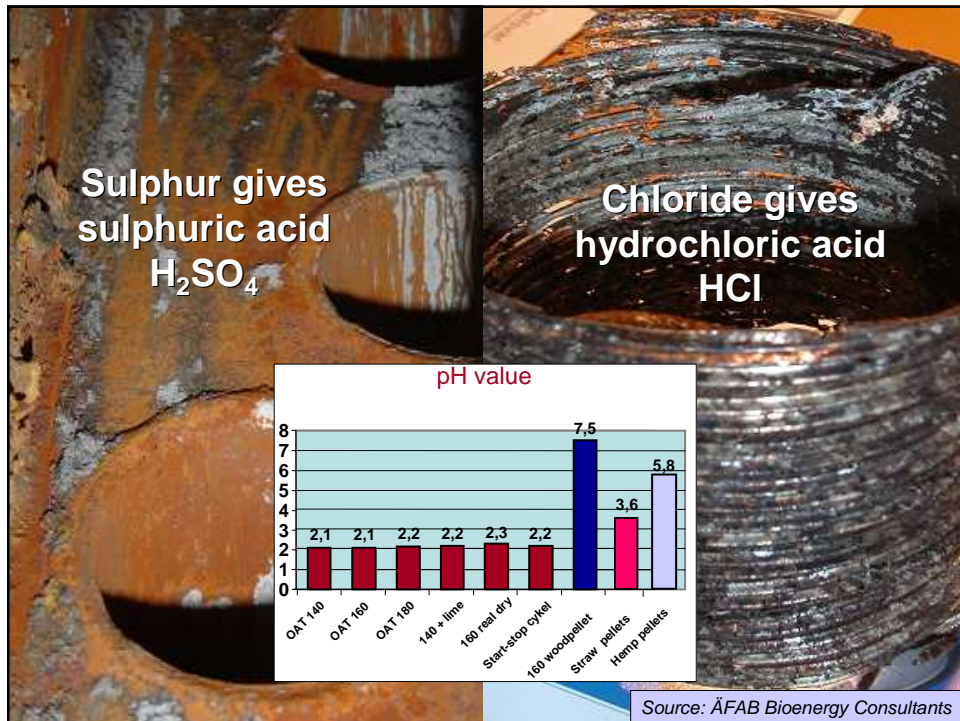
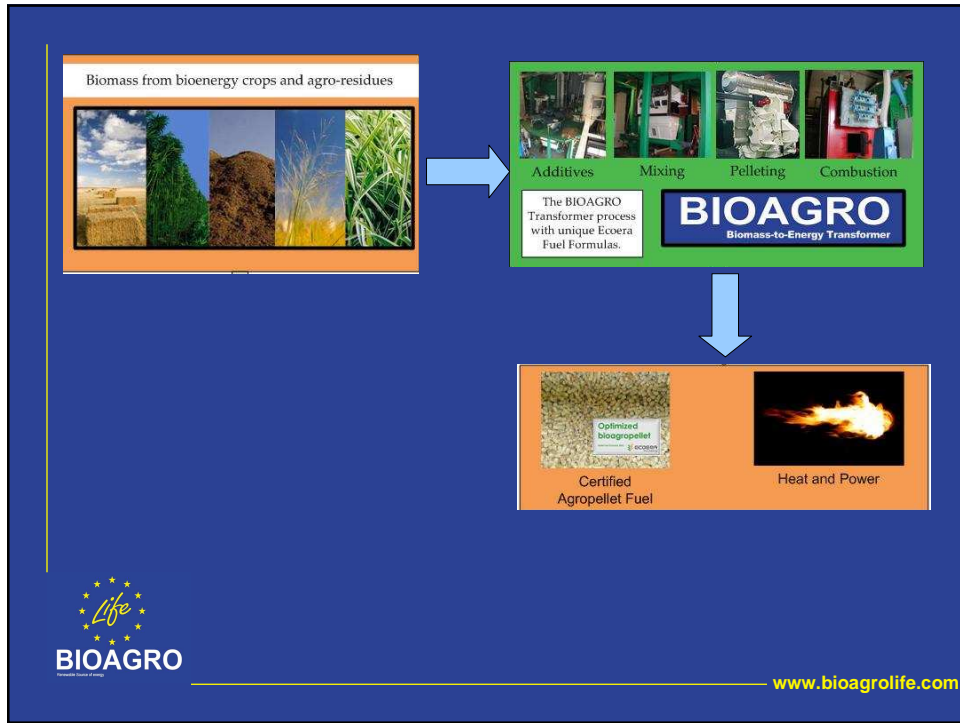
- Ecoera
- ÄFAB
- Westrup
- Andritz-Sprout
- Swedish University of Agricultural Sciences .



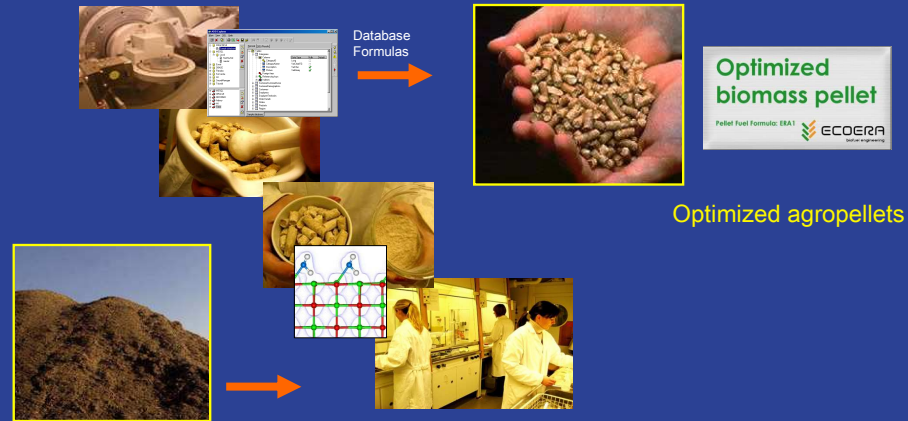
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From futile to fuel





Agropellets – Formula process




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Goals for the BIOAGRO project:

CO₂: -540 tonnes/year

Heating cost reduction: 95%

Ash recycling as fertilizer: 100%

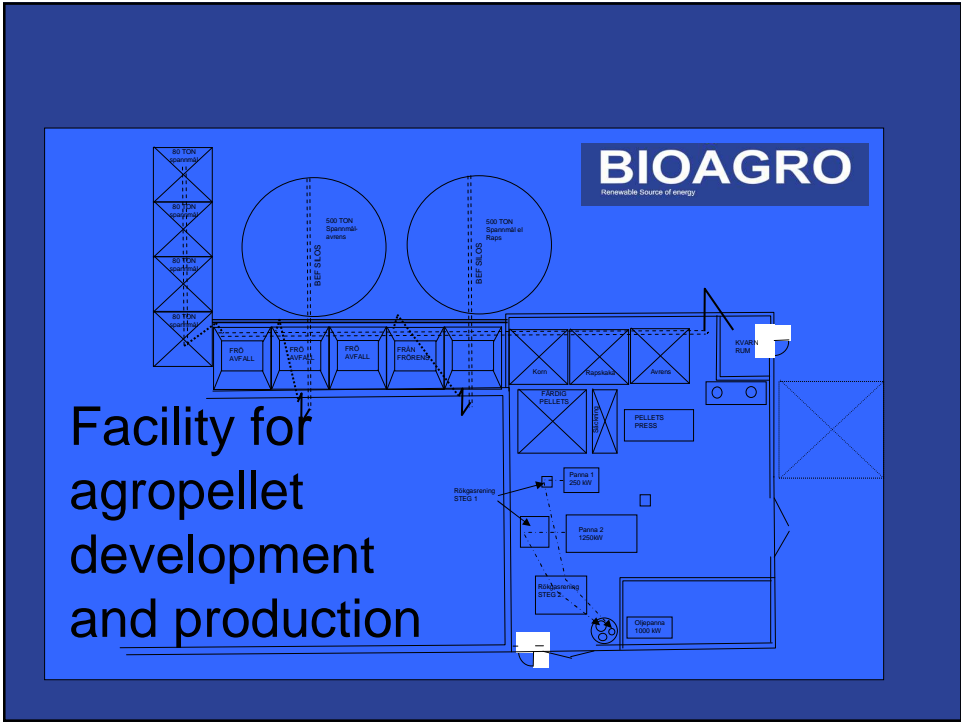
Minimized acid emissions
and ash sintering

**No risk of international price
fluctuations and/or fuel taxes.**


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Fossil Fuel use: Eliminated

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ECOERA
biorefin engineering

The BIOAGRO system

Additive delivery system

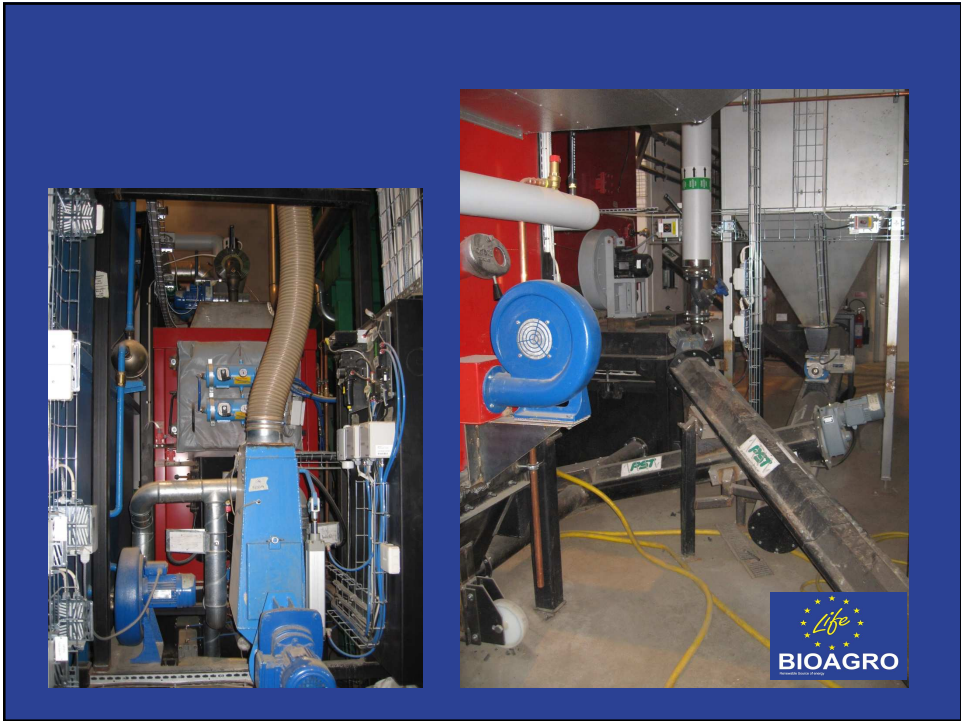
BIOAGRO
Life

Demonstration



4
tonnes/h





International acknowledgement

Visits from:
Ireland
Zambia
Poland
USA
and more...



The BIOAGRO facility is now ready and open for agropellet development and production.



Thank you!



LIFE06 ENV/S/000517 – BIOAGRO
Please log on to:
www.bioagrolife.com
for information and contact details



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