

Sweden Food Arena 7 oktober 2025

Hur drönare, flygplansteknik, satelliter och AI skapar hållbar matproduktion

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Agtech Sweden

Kunskapsnav Digitalisering

VINNOVA Region Östergötland **li.u** LINKÖPINGS UNIVERSITET

Med stöd från Europeiska unionen

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År	Minuter
1700-talet	16 800
1920-talet	780
1980-talet	102
2014	0,6*

Foton: "Bykistan" Henning Hamilton och Thorsten Pettersson

* Frankelius, Per (2019). Lantbrukets produktivitetssökning är unik. I Stark, Bo och Blomquist, Jens (Red.) Inifrån historien 2019. Västerås: Västerås AB, s. 52-55.

3

0,6 minuter per ton
15 aug 2014

Foto: CNH

4

1961 7,5 miljoner

2021 10,4 miljoner

60 år

Vi är 3 miljoner fler idag
Det innebär behov av t.ex.
180 miljoner fler kilo mjölk/gryn än 1961.
Hur löste vi det?

5

Stordatorer EMIL i Hälsta 1962

Elektronik Dickey-John 1960

Transpondrar Alfa Laval 1977

Datorstyrning Skidtorutor 1977

Dator med skärm ombord Deerevision 1987

VMS DeLaval 1998

N-sensor Yara 2000

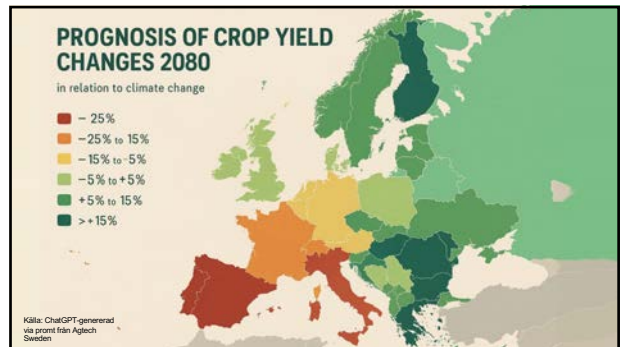
Autoföring GreenStar AutoTrac 2002

Robot Sydney University 2018

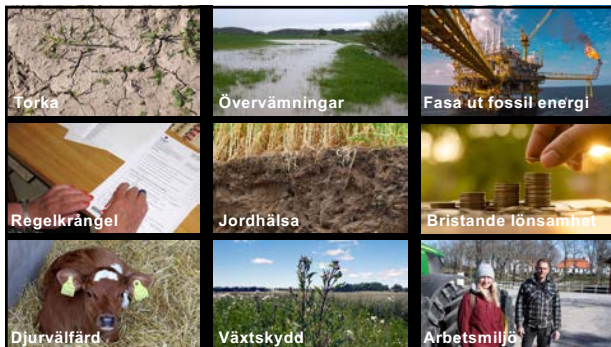
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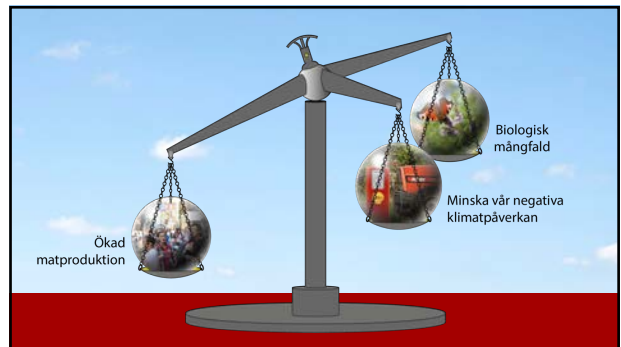
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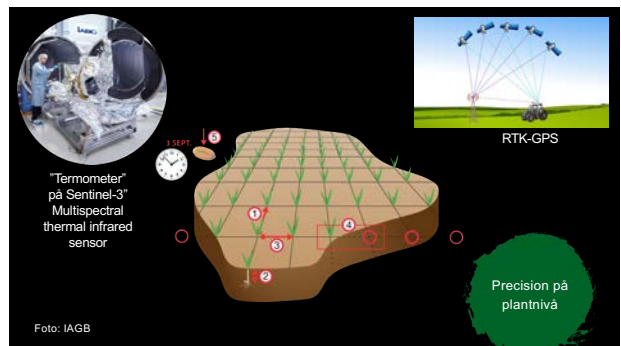
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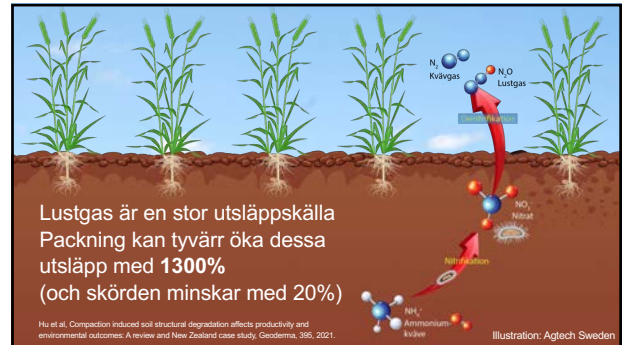
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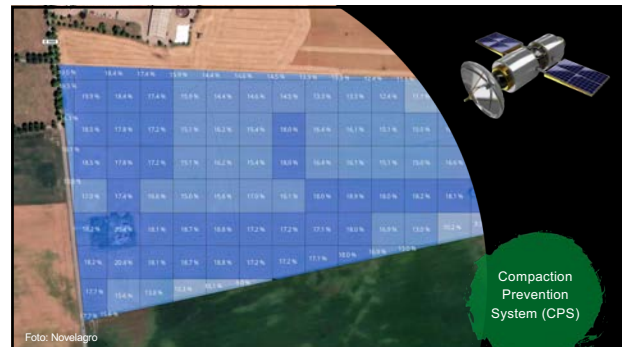
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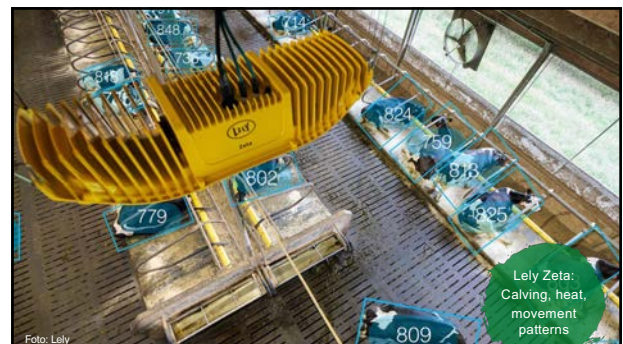
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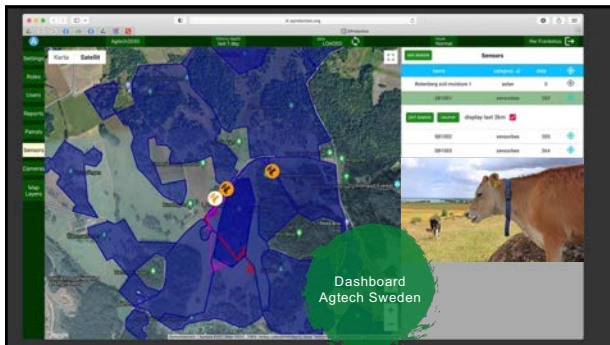
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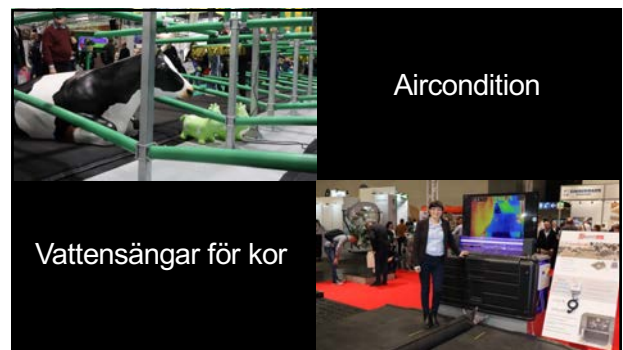
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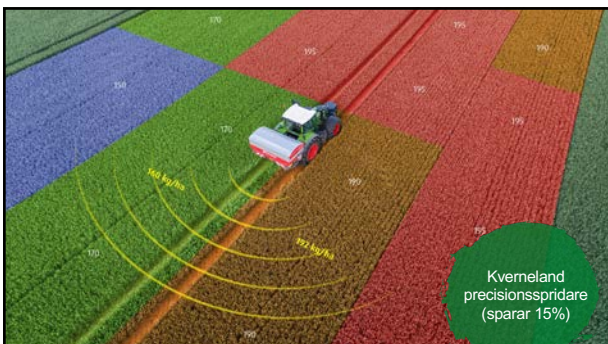
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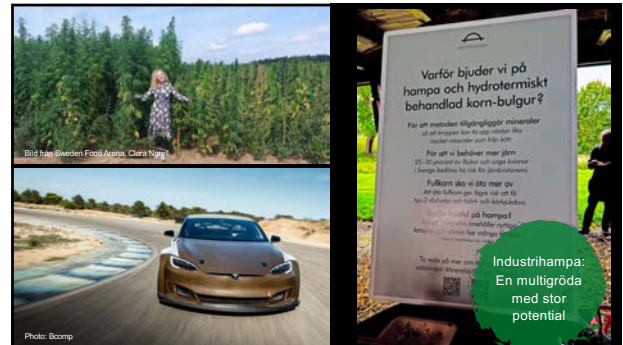
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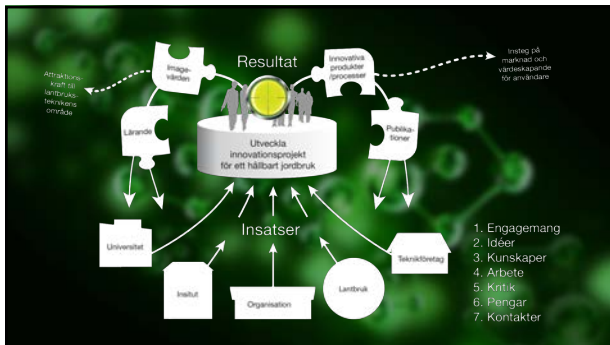
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Pågående Agtech-projekt
och projekt där Agtech är part

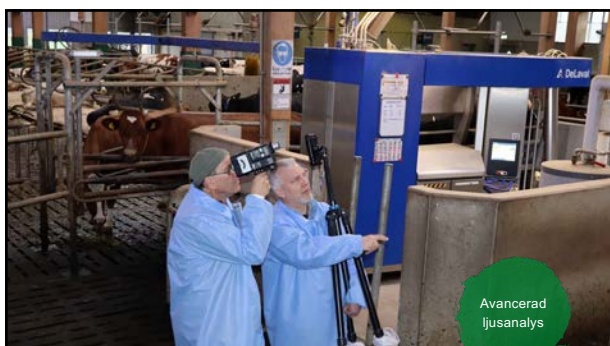
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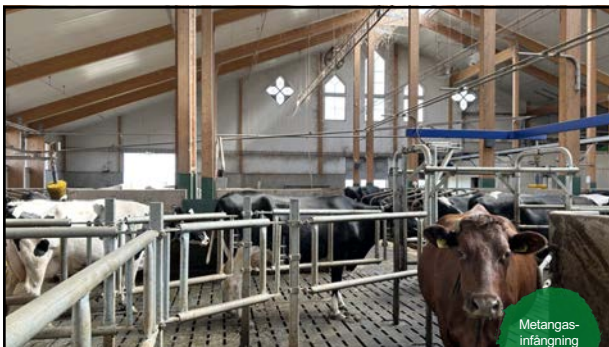
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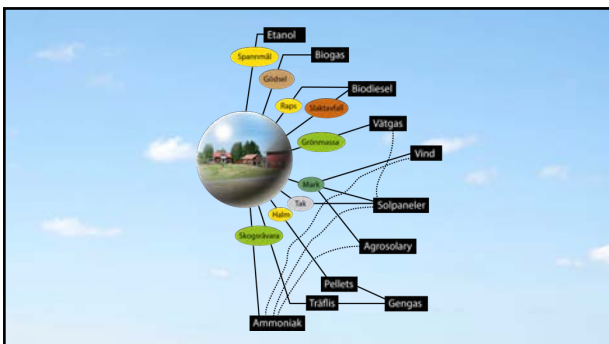
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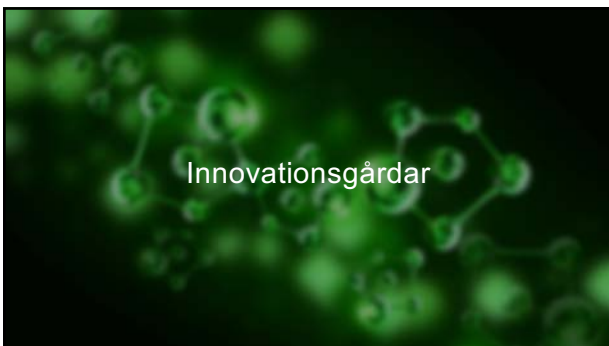
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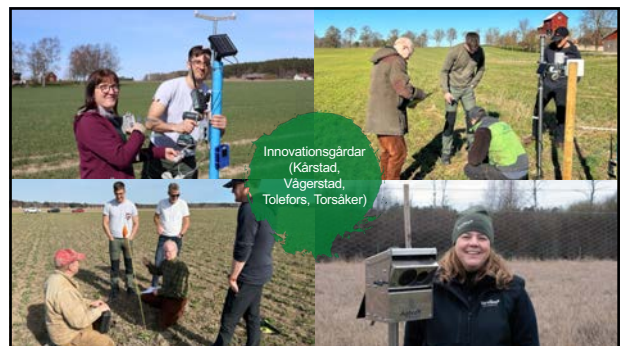
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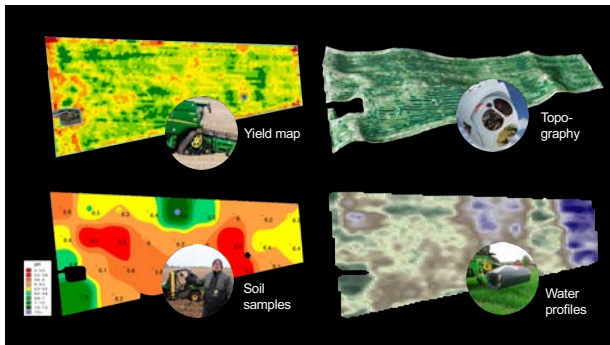
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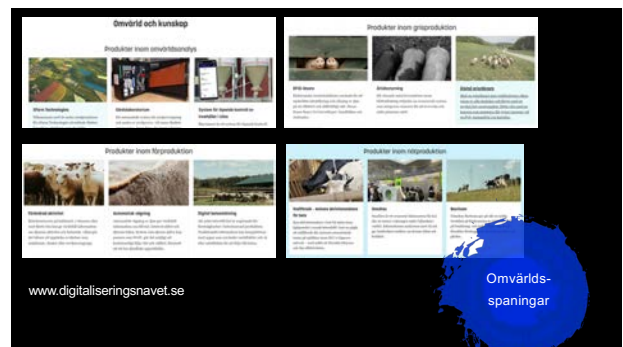
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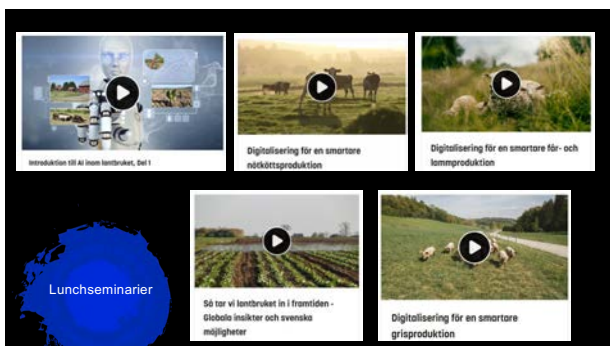
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Tekniktrender

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a) Fältrobotar

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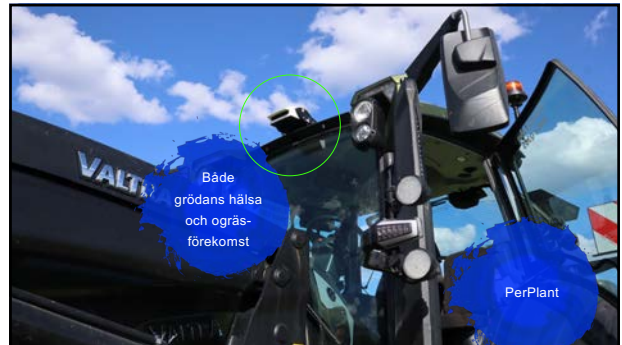
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