

Austre Moland

Erik Fløystad

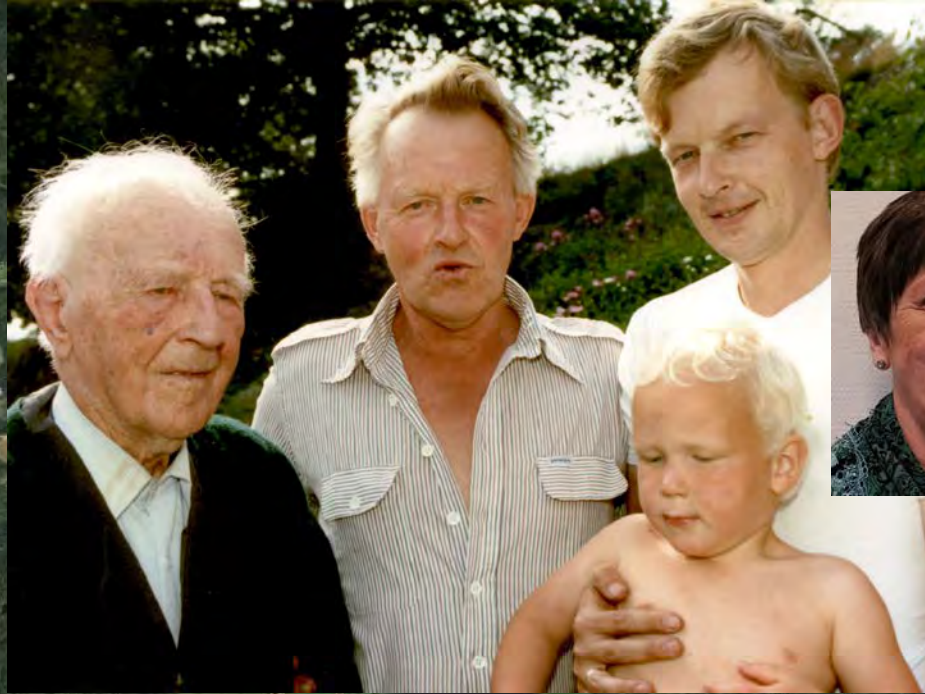
# Landbruket, klima og teknologiske muligheter

Brekka

Molandsvann

Kåre Gunnar Fløystad

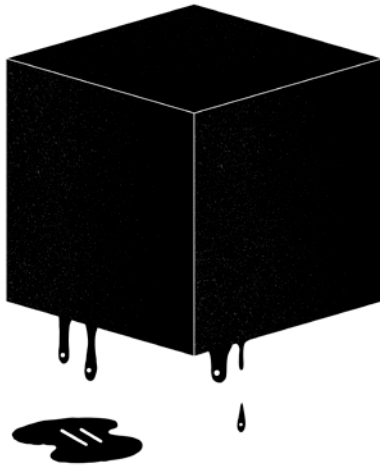
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Erik Fløystad



# Fossilt er årsaken til klimaproblemet



- **Olje – 37 %**
- **Kull – 79 %**
- **Gass – 30 %**  
...innen 2030!

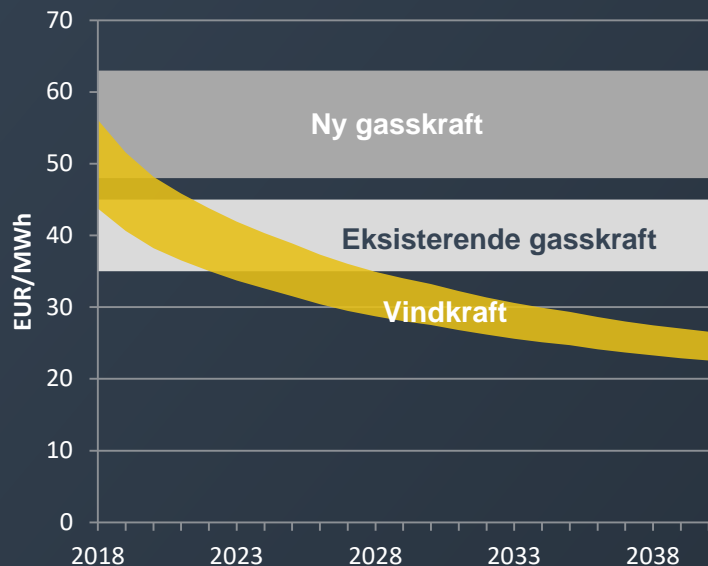
The world's most vital formula:



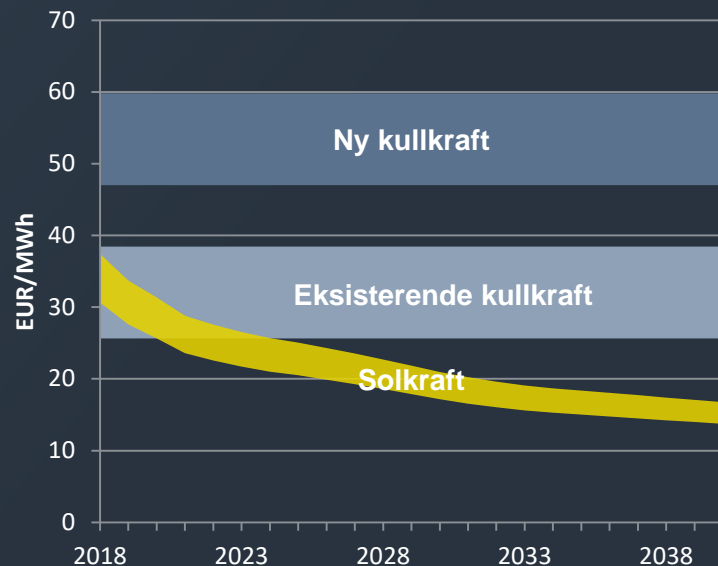


# Fornybar blir er billigere enn fossilt

## Nordvest-Europa



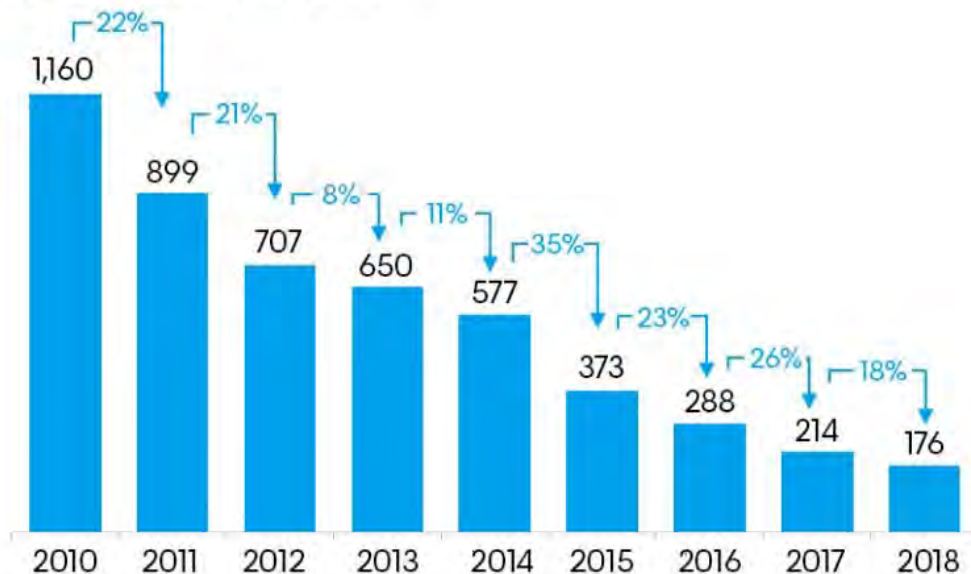
## Sør-Asia



# Elektrifisering blir mulig

Lithium-ion battery price survey results: volume-weighted average

Battery pack price (real 2018 \$/kWh)



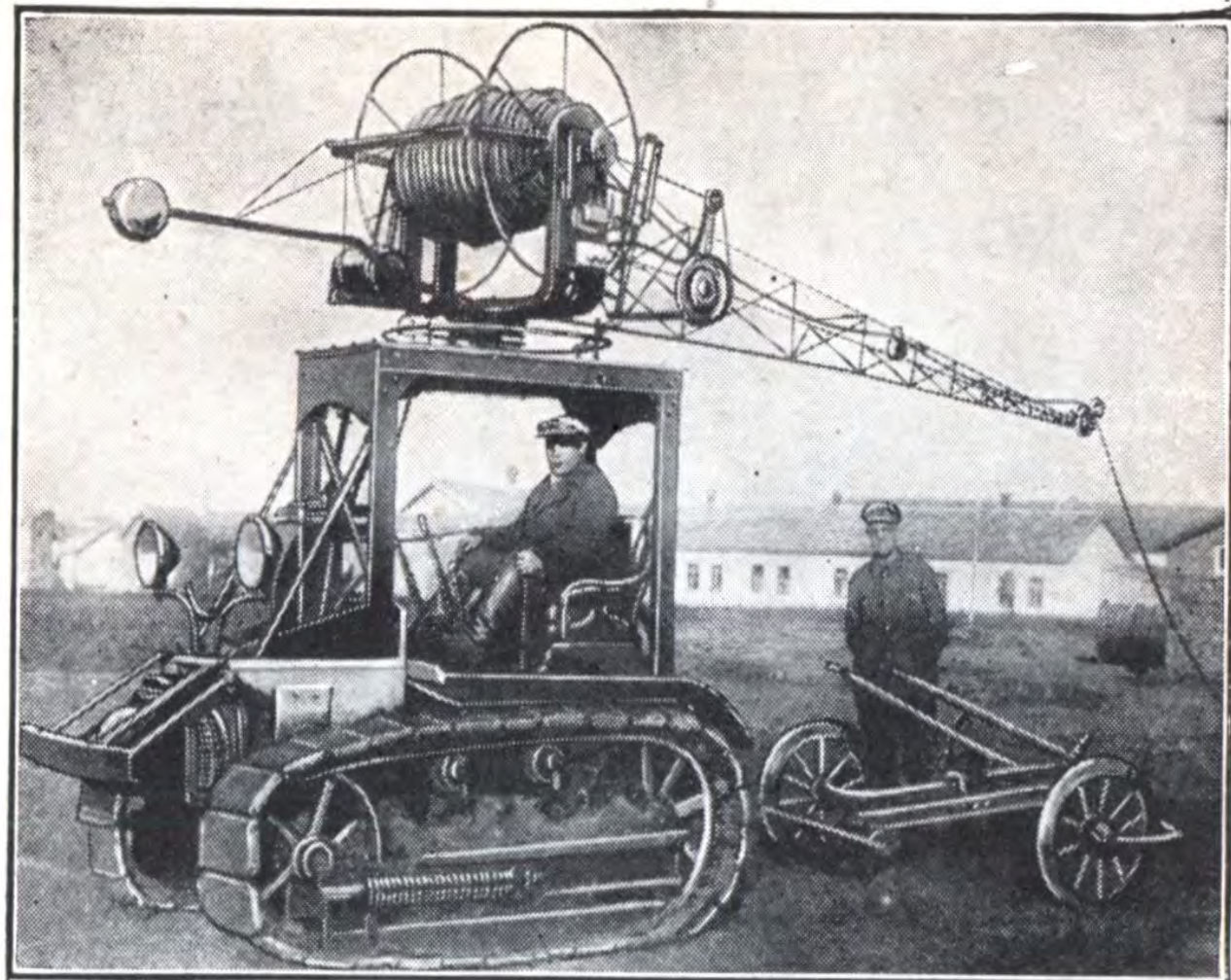
Source: BloombergNEF. Note: The data in this chart has been adjusted to be in real 2018 dollars.



## Electric Tractors

**T**HE Soviet Union increasingly widens the application of electric power to agriculture. The large network of electric power stations has made it possible to use electricity in running tractors, and other agricultural machines.

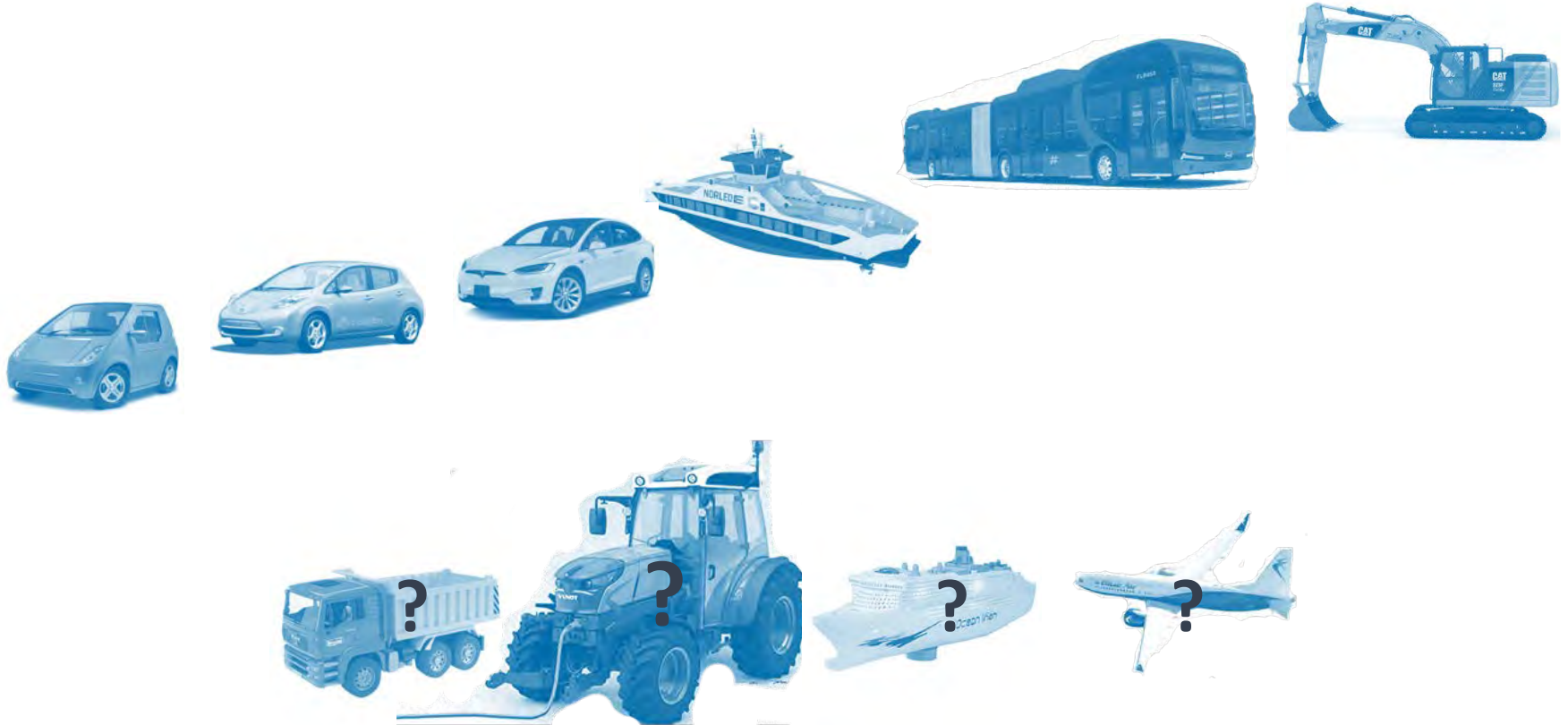
The photo shows an electric caterpillar tractor. Above the tractor cabin is mounted a drum for the cable that supplies the current.



<b>Features</b>	<b><u>Case IH</u></b>	<b><u>John Deere</u></b>	<b><u>Fendt</u></b>	<b><u>Precision Makers</u></b>	<b><u>Farmtrac</u></b>	<b><u>Motivo Engineering</u></b>	<b><u>Hintesys</u></b>	<b><u>Ztractor</u></b>
Self-driving	Y	N	N	Y	N	N	N	<b>Y</b>
Electric	N	Y	Y	N	Y	Y	Y	<b>Y</b>
Remote control	N	N	N	N	N	N	N	<b>Y</b>
Self-charging	N	N	N	N	N	N	N	<b>Y</b>
Demo Year	2016	2016	2018	2017	2017	2018	2017	<b>2018</b>
Available for sale	Unknown	Unknown	Available	Unknown	Unknown	Unknown	Unknown	<b>2019</b>



# A Norwegian (r)EVolution



# Bygge i tre!



## Sykehjem Frogn

### Pris-sammenligning

	Entré 1	Entré 2	Entré 3	AF – gruppen
	Stål/betong	Stål/betong	Stål/betong	Massivtre
Nybygg	kr 255.301	kr 272.481	kr 226.782	kr 204.866
Øvrige poster	kr 81.192	kr 60.433	kr 54.315	kr 60.134
LCC	kr 93.697	kr 61.224	kr 122.760	kr 104.936
Sum	kr 430.190	kr 394.138	kr 404.737	kr 369.936

# Drittpreik





**N2**

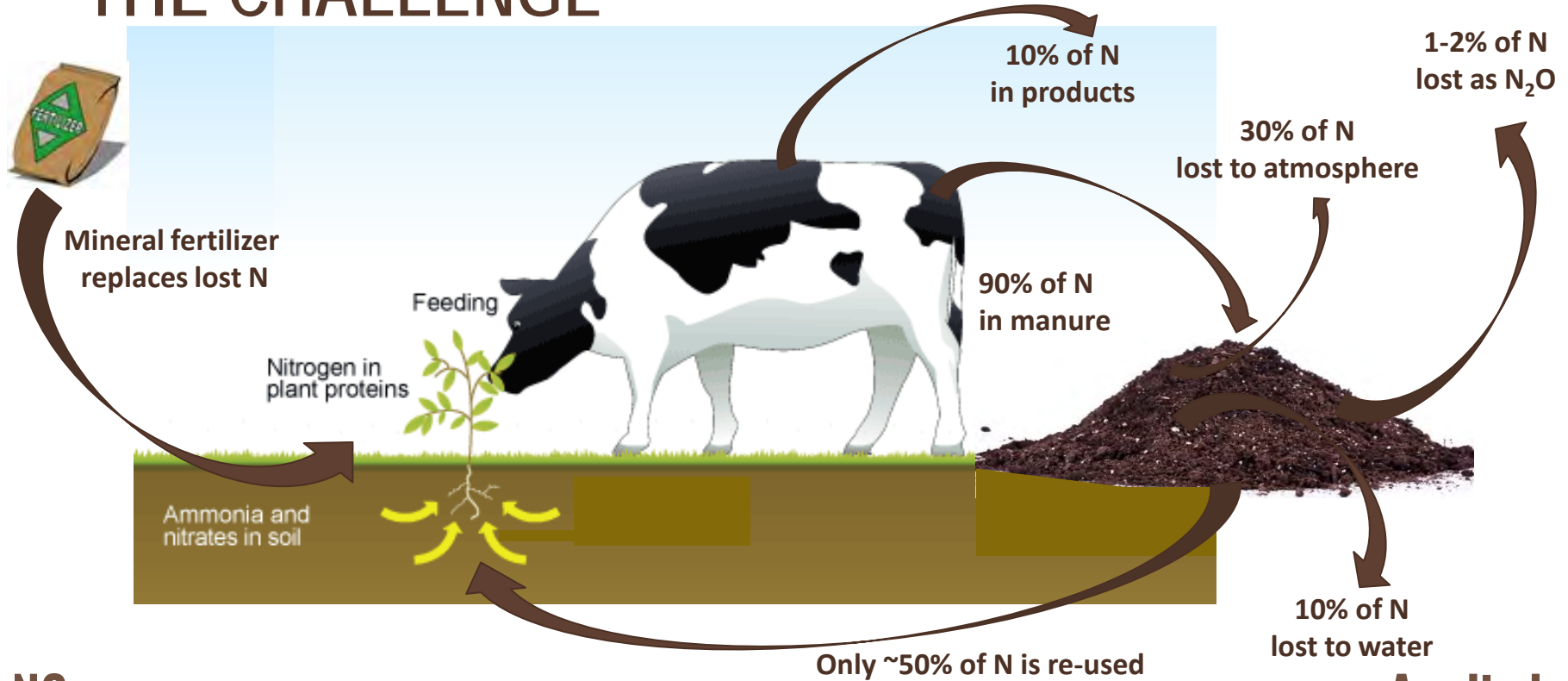
**Applied**



# ON THE FARM



# THE CHALLENGE



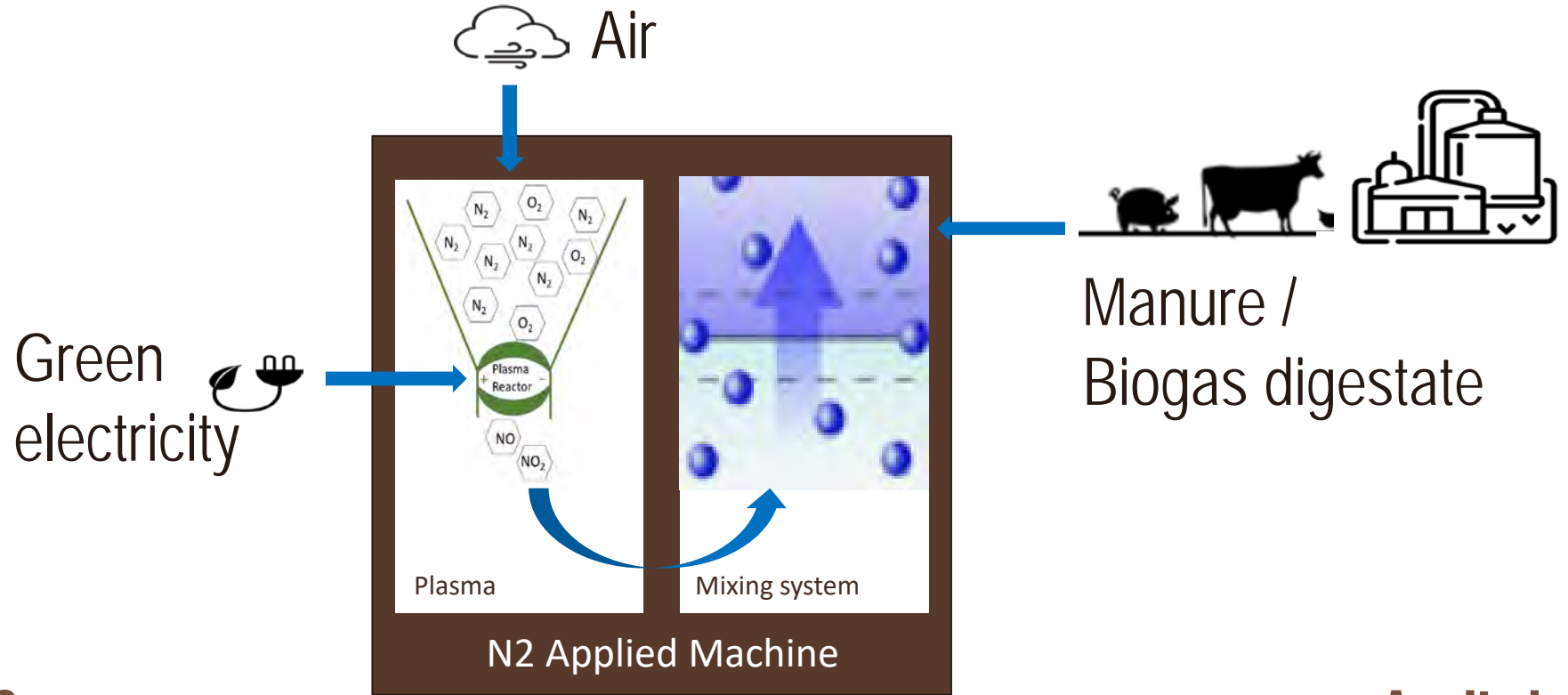
N<sub>2</sub>

Applied

# THE SOLUTION



# THE PROCESS



# TODAY



N2

Applied

# TOMORROW





# SUSTAINABILITLY



Reduce GHG emissions  
and ammonia emissions



Increase crop yield by  
30-40 % and improve  
Nitrogen Use Efficiency



Reduce ammonia  
emissions and odour



# THE DRIVERS



**NZ introduces groundbreaking zero carbon bill,  
including targets for agricultural methane**

May 8, 2019 9:12pm BST



A large, golden-brown haystack is the central focus of the image, set against a backdrop of a grey, overcast sky. The hay is piled high and appears to be in a field. The lighting is soft, highlighting the texture of the straw.

**Ledig drittjobb!**

**N2 — Applied**



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Thank you for your attention

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**N2**

**Applied**

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