



**VULTUS** |

Reliably better  
yields at lower costs

# Eliminate waste in farming



February, 2021  
Investors Deck

[www.vultus.io](http://www.vultus.io)

# Chemical inputs are overused

+

Farmers spread agri inputs evenly across the field and guesstimate the dosages

+

As a result, there is large input waste, with over half of fungicides, nitrogen and irrigation lost

+

Consequently, there is massive environmental degradation and input costs for the grower



# Satellite based prescriptions



## Precise Satellite Recommendations

Plug and play

Integrates easily with existing machinery



## Input Savings 20,000 €/farm

From Nitrogen, Fungicides & Irrigation

Works globally, all major commodity crops



## More Food Less Chemicals

Improves margins and yields

Enhances food quality

# Vultus Products & Services. Overview



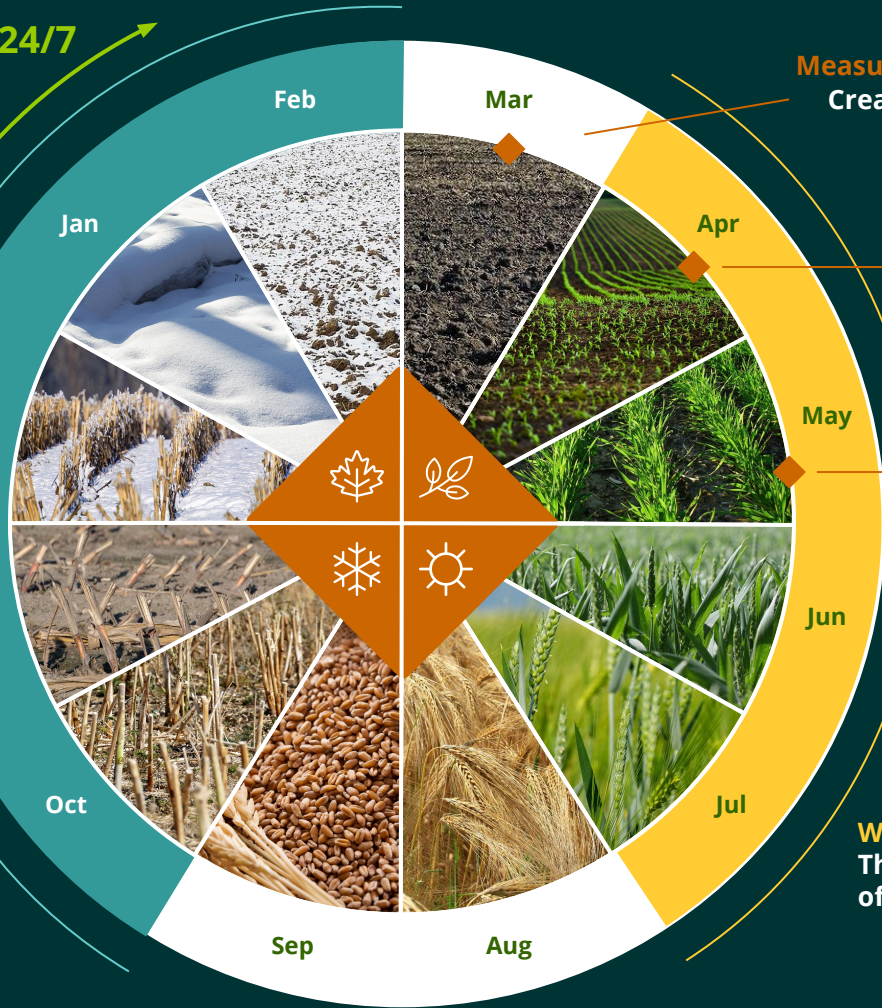
24/7

365 DAYS

Field performance  
evaluation & analysis

Fields zoning &  
Strategic planning

Vultus services are compatible  
with all modern agricultural  
machinery!



Measure Soil Organic Carbon  
Create Field Productivity Maps

Nitrogen Prescription #1  
First Nitrogen Fertilization

Nitrogen Prescriptions #2  
Second Nitrogen  
Fertilization

Plant Health Monitoring  
Throughout the period  
of vegetation

Water Stress Management  
Throughout the period  
of vegetation

# Unique go-to market & tech



## Scalable Outreach

Integrating with farming apps already used by thousands of farmers, getting access to 100k+ hectares per app.



## Scalable Delivery

API first, like Stripe. The farming apps integrate with us, allowing scalable delivery and distribution.



## Microwave & SOC

Deep technologies from 20+ yrs research from our 3 PhDs. Unique on the market and allow superior precision.

# Vultus Management Team

Team of 20

12 Product Team

8 Growth Team



**Robert Schmitt**

Co-founder & CEO



LUND UNIVERSITY



**Mikhail Seregin**

COO

BI NORWEGIAN  
BUSINESS SCHOOL



**John Teichman**

Head of Product



Qlik



**Dr. Haidi Abdulla**

Head of Research



ITC  
UNIVERSITY  
OF TWENTE



UNIVERSITY OF  
LEICESTER



**Ophir Mubarik**

Co-founder & CSO



**Chaitanya Ivvala**

Head of Engineering



**Natalia Roshchina**

Head of Marketing



**Carl-Johan Lindegren**

Head of Sales



LUND UNIVERSITY



Eberspöcher



# Reducing emissions from farming

Impact is our core mission. We can reduce CO2 emissions by 300,000 cars per year (via N2O), and our impact scales with usage.

Precise chemical applications relate to some of the most important water and food quality challenges that we help tackle.

**300,000 cars per year**  
1.4m tonnes CO2e per year

## Water Quality



## Food Quality



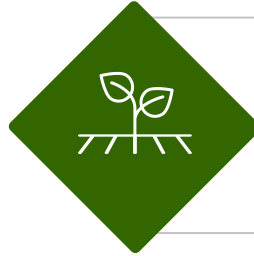
# Massive growth potential



**Smart Agriculture:**  
is the way to effective and safe  
farming



**Integrations with all platforms,**  
central in precision farming stack



Most platforms gives **best data**, that  
allows training of best models that  
generate long term moat



**New verticals:** Food supply chain,  
agri-commodities & crop insurance





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**Questions?**

**[team@vultus.se](mailto:team@vultus.se)**  
**[www.vultus.io](http://www.vultus.io)**