



Take care of your land from a distance

A top-down view of a diverse array of food items. The collage includes fresh produce like carrots, cucumbers, corn, bell peppers, and various fruits such as strawberries, kiwi, and oranges. It also features grains like rice, lentils, and quinoa, along with proteins such as salmon, chicken, and tofu. Several small white bowls contain prepared items like hummus, guacamole, and falafel. The text "Food insecurity" is centered over the image in a white, sans-serif font.

Food insecurity















# Solutions



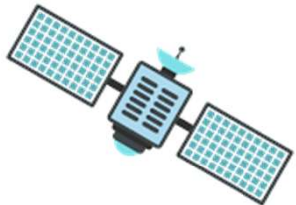
- Labor



- Drones



- Sensors



- Satellite





Our Solutions

Satellite Solution :

- ▶ well-timed
- ▶ persistent
- ▶ proper accuracy
- ▶ Inexpensive
- ▶ Increase Productivity

# Comparison between different monitoring methods



	cons	pros
 <p>Field visit</p>	<p>need for labor X</p> <p>Time consuming X</p> <p>Depending on the personal opinion of the worker X</p>	<p>✓ Highest accuracy</p> <p>✓ Average cost</p>
 <p>Drone imagery</p>	<p>High cost of providing drones / license / insurance X</p> <p>Requires operator training X</p> <p>Time consuming X</p> <p>High cost of each flight(1 flight per week) X</p>	<p>✓ High accuracy</p> <p>✓ Able to take pictures at any time</p>
 <p>Sensors</p>	<p>High cost of establishment and maintenance X</p> <p>Requires a specialized operator X</p> <p>Result depends on sensors location X</p>	<p>✓ High spot-accuracy</p> <p>✓ Possibility to combine with irrigation systems</p>
 <p>Satellite imagery</p>	<p>No picture on cloudy days X</p> <p>Present the image at specified intervals X</p> <p>Lower accuracy in comparison with other methods X</p>	<p>✓ Wide area shooting in a short time</p> <p>✓ The cheapest method</p>

# Pest and disease prognosis

## cons

- Requires field data to validate the algorithm X
- Requires hourly weather data X

## pros

- ✓ Early detection of pests and diseases before occurrence
- ✓ Saving time
- ✓ No need to be on the farm to identify
- ✓ Saving fertilizer
- ✓ Environmental Protection
- ✓ Minimizing costs
- ✓ Increase product performance

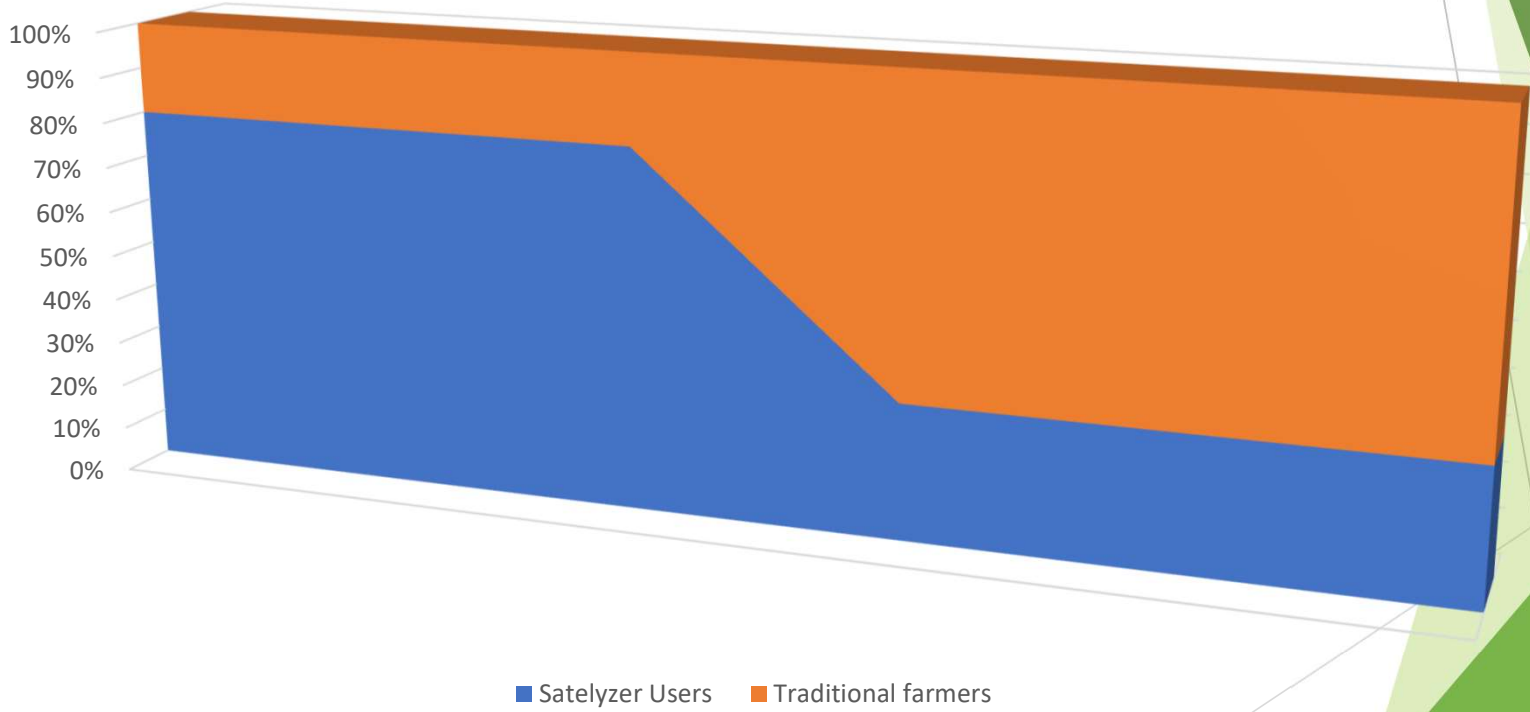
# Climate Impact

The climate impact in our beachhead market is crucial. Our AI-based technology helps farmers optimize crop management in regions with varying climate conditions, promoting sustainable agriculture and responsible water usage.



# Climate Impact

Comparison of water use between Satelyzer users and Traditional agriculture farmers



# Problem



Low efficiency in agriculture farms



Inaccurate decisions in macro management



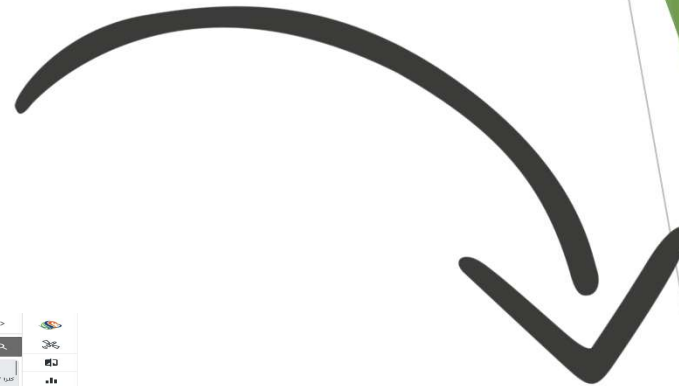
Low insurance coverage in agriculture



# Solution



Low efficiency in agriculture farms

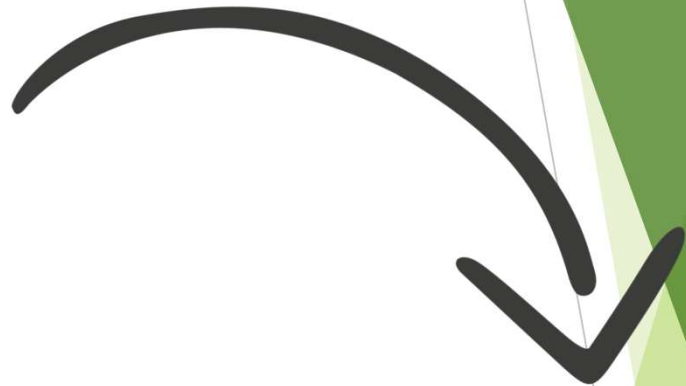
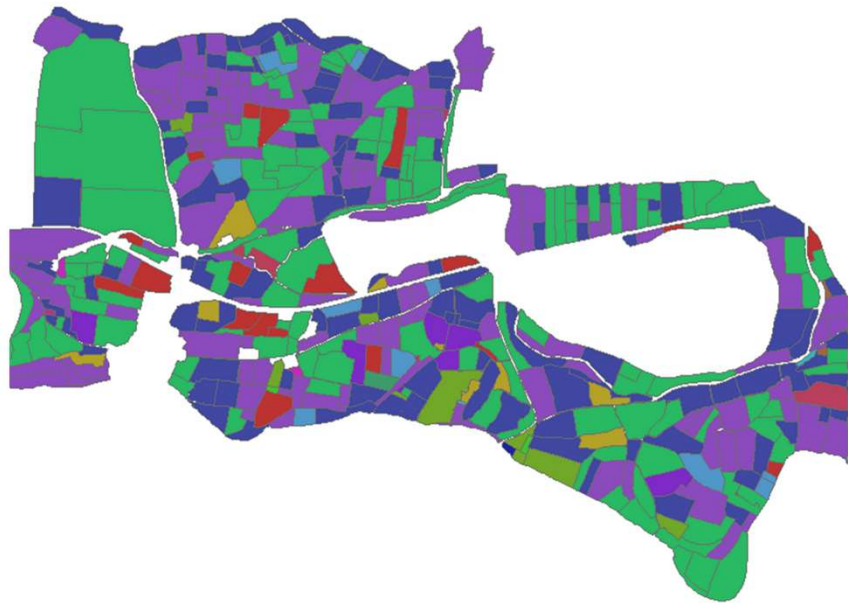


• Farm management platform

# Solution



Inaccurate decisions in macro management



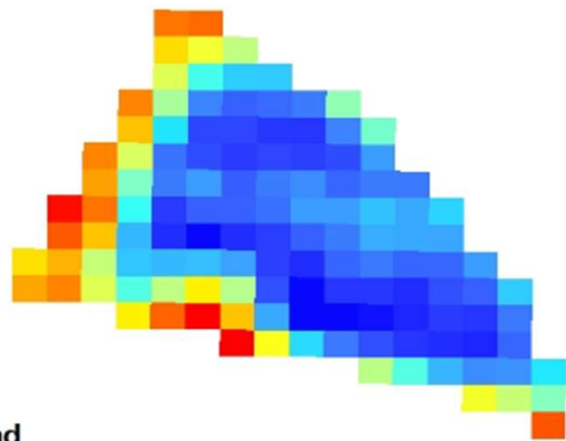
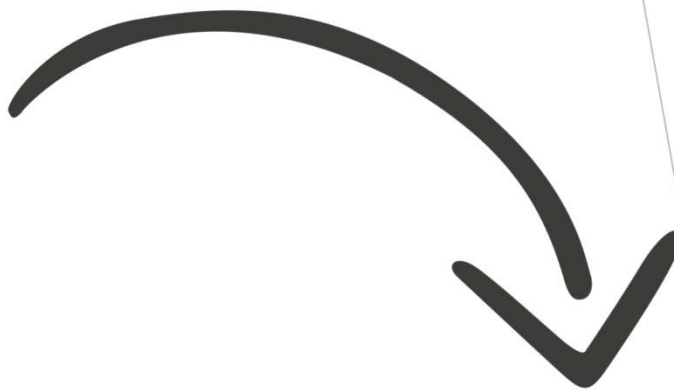
• Food security  
Projects



# Solution



Low insurance coverage in agriculture



**Legend**

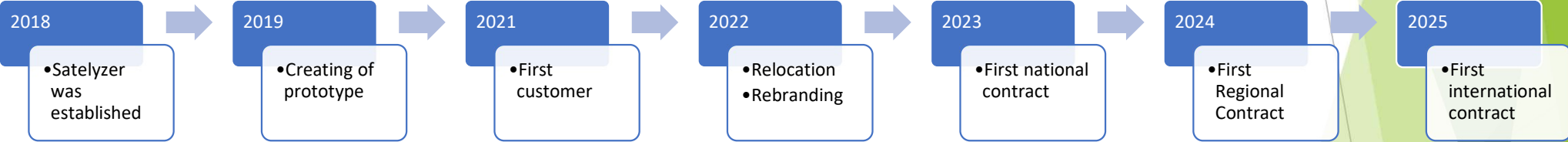
**Value**

High : 7524.01

Low : 2631.61

•Risk and damage estimation

# Satelyzer Timeline





**Majid Kamaloo**

COB



**Omid Hemati**

VCOB



**Alireza Hajitabar**

CEO



**Ali Asgar Taheri**

BDM



**Mohammad Taghi Manzoori**

AI Manager



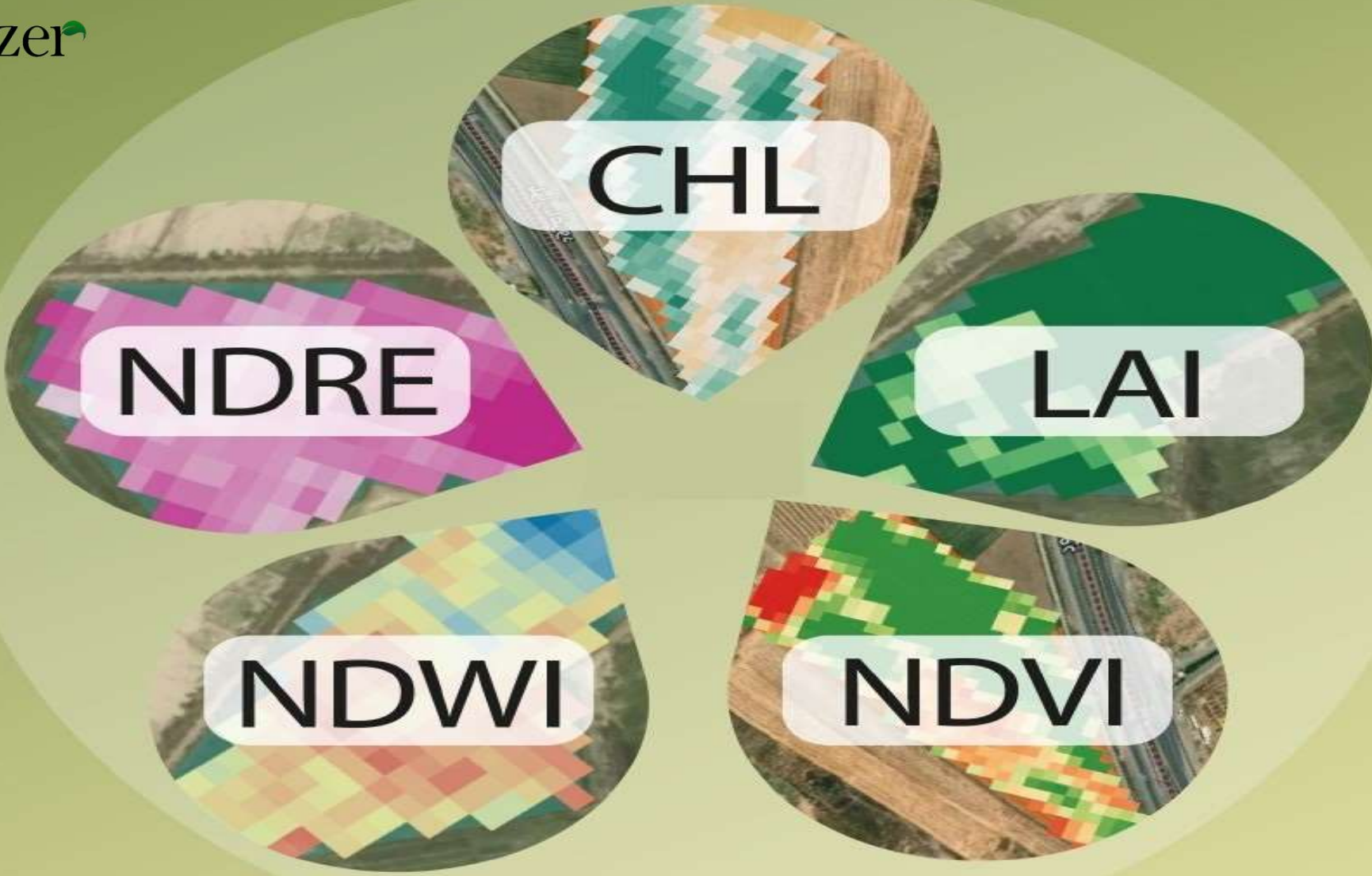
**Mehrnoosh Eghtedari**

R&D Manager

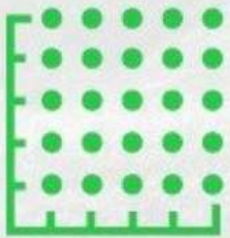


**Faezeh Bani Ardalan**

TM



# Target customers



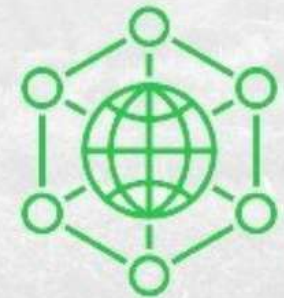
Landowners over 50  
hectares



Agricultural Joint Stock  
Companies



Government



Global market

# Competitive advantage



## Them

- Providing raw data which should be interpreted by a domain expert



- Us
- Providing raw data + data analysis that everybody understands

Provide service on a large scale

**CATAPULT**  
Satellite Applications



**manna**  
Irrigation Intelligence

**FarmersEdge**

**Orbital Insight**

**ceresimaging**

**Aerobotics**

**TARANIS**

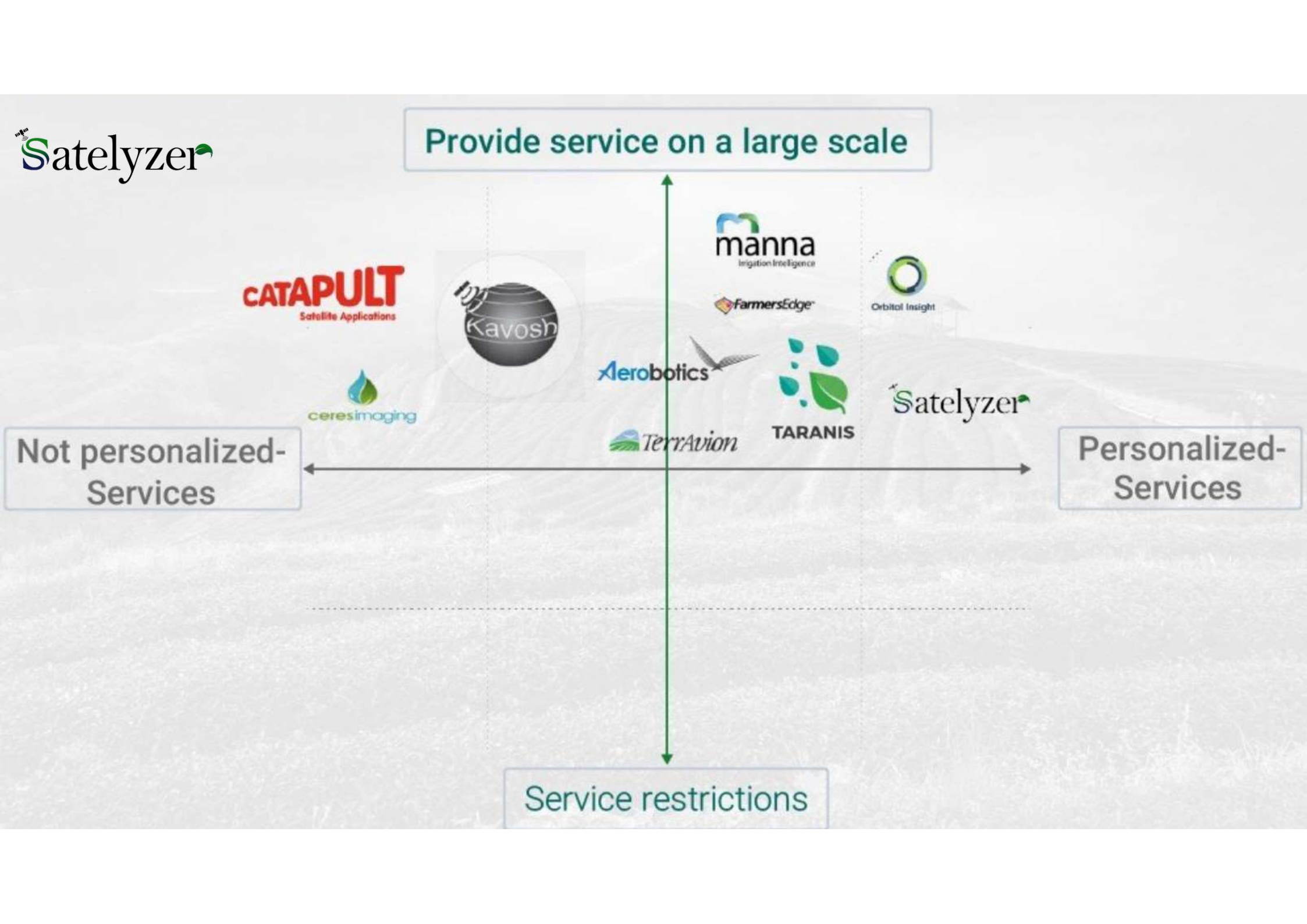
**Satelyzer**

**TerrAvion**

Not personalized-  
Services

Personalized-  
Services

Service restrictions



# Comparison of provided services in the industry



No.	company name	Soil Texture Recognition	Plants Health Indicators	Weed Identification	Pests and Disease Prognosis	Weekly Reports	Meteorology	Timeseries of Indices	Irrigation Planning	Yield Estimation	Crop Type Mapping	Yield Prediction	Plant Phenology Stage Recognition	price(per month-hectare)
1	<b>Satelyzer</b>	X	X	X	X	X	X	X	X	X	X	X	X	\$ 1.00
2	Geopard	X	X					X						\$ 2,500.00
3	EOS	X	X				X	X	X				X	\$ 0.23
4	Dynacorp		X					X						€ 0.10
5	Onesoil		X				X							\$ -

per year



## Our revenue model

# Monthly subscription



## Basic

•0.5\$ per HA in a month

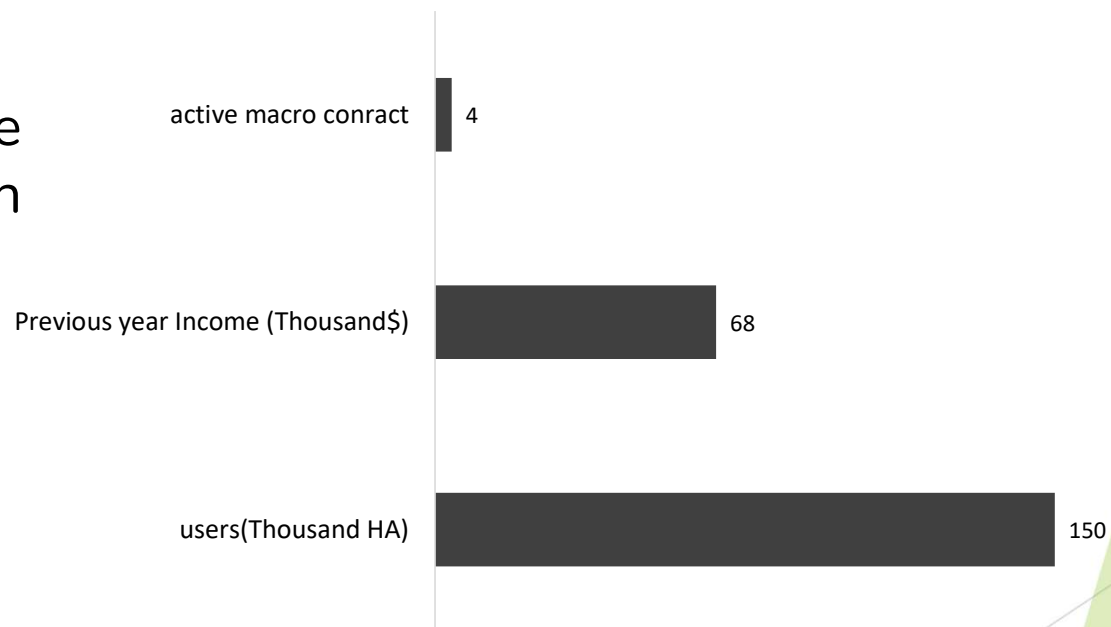


## Pro

1\$ per HA in a month

# Traction

Our traction includes the following information in CIS countries



## CIS Market size

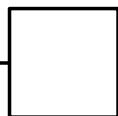
SOM



20M HA

Farm with +30  
HA area that the  
owner have  
access to internet

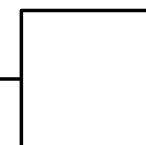
SAM



25M HA

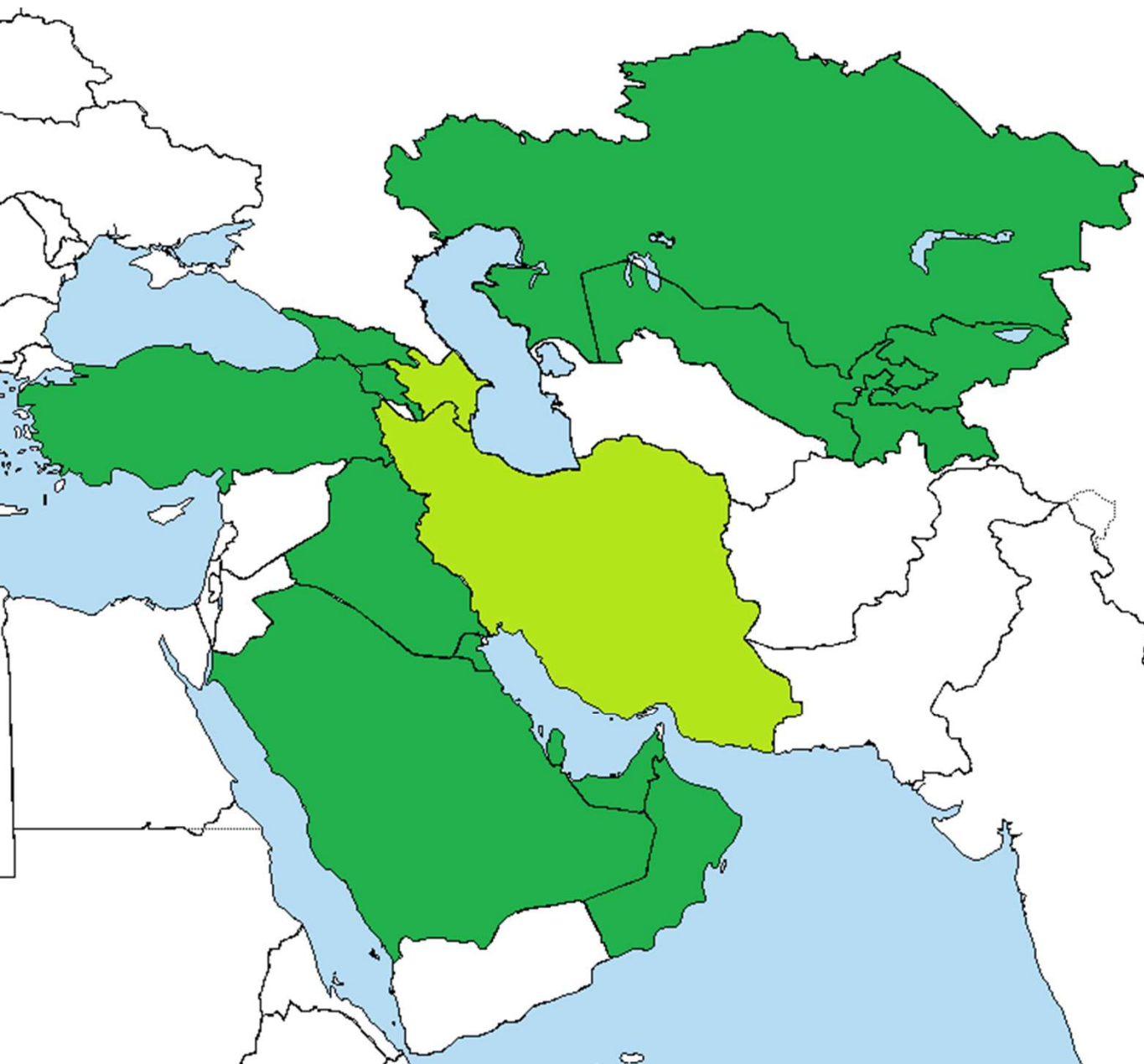
Farm with +30  
HA area

TAM



100M HA

All farms in  
potential CIS  
countries



**TAM**

Total Market area : 128.8 million hectares

**SAM**

Target market: 4.5 million hectares  
(landowners over 100 hectares)

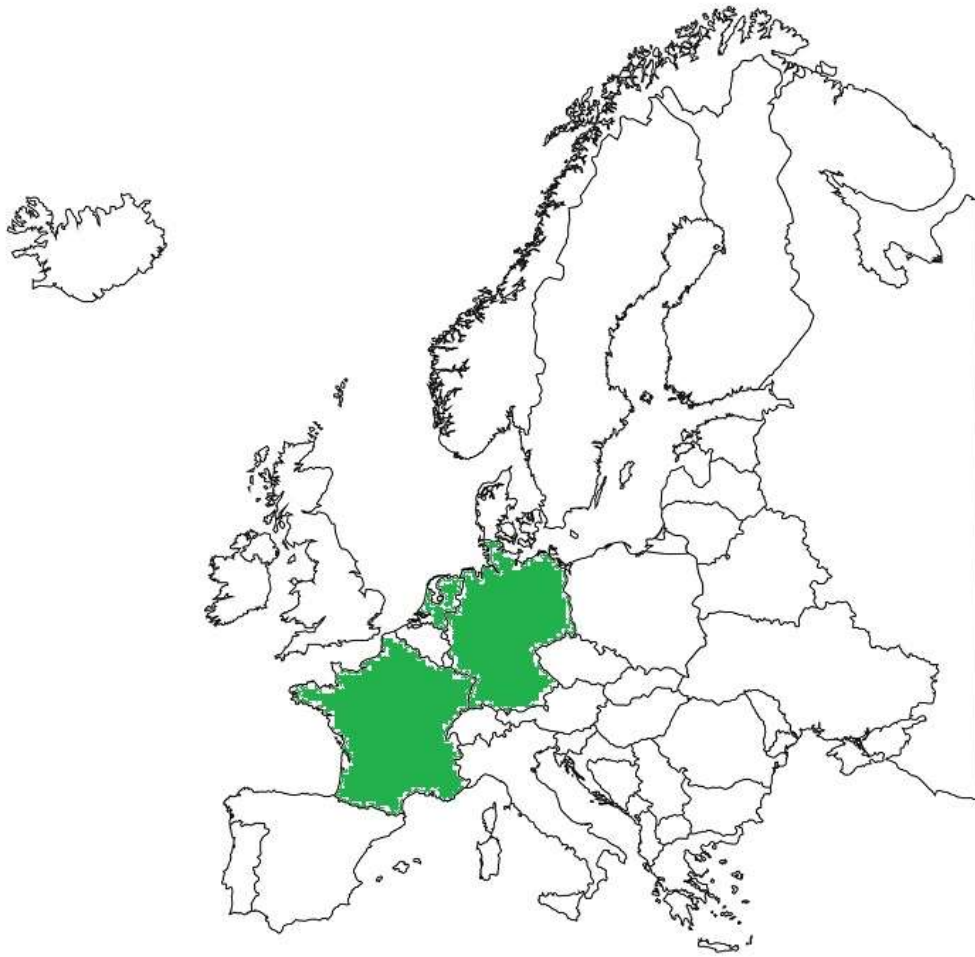
**SOM**

Existing market: 2 million hectares (Over  
192 clients)



**40% of Agriculture global market is operated by European base Companies**

**Satelyzer**



EU Agriculture  
global markets  
companies are  
situated in  
**Germany, France  
& Nederland**

Thank you for your patient,  
I am ready to response to your questions.



***SAVE the WORLD RIGHT NOW***

**You can contact us by the following information:**

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- [www.satelyzer.com](http://www.satelyzer.com)