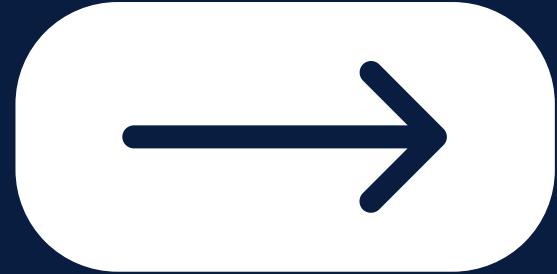
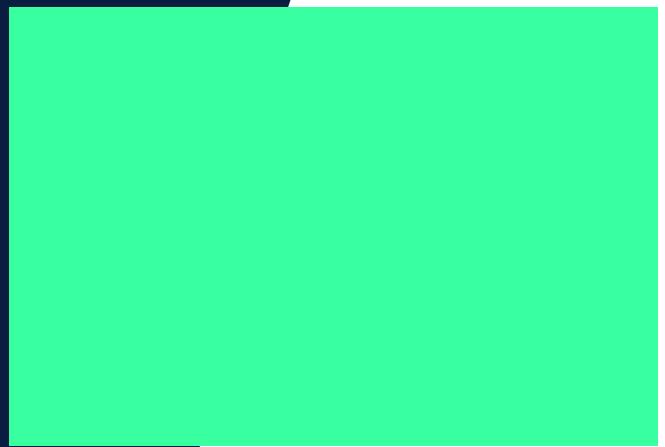


# CO<sub>2</sub> Angels



<https://co2angels.com>



Proiectarea Producătorilor Innovative -

2025



# OUR MISSION

"Carbon tracking for **proactive**  
farming, right **at your**  
**fingertips.**"

# The Problem

**Traditional methods** for measuring soil organic carbon are **CHALLENGING TO IMPLEMENT**

- too expensive for small sized farms
- very difficult to scale for larger ones.



# Pain Points

01

**Inadequate Resource allocation causing financial losses**

02

**Soil degradation which leads to dependence on Chemical Inputs and Biodiversity Loss**

03

**Inability to take action, when it counts**

04

**Inefficient climate action, as soil organic matter makes up for 1 500 billion tons of CO<sub>2</sub>**



## MRV Platform

Monitoring, Reporting, Verification

**Satellite  
Imagery**

01

**Artificial  
Intelligence**

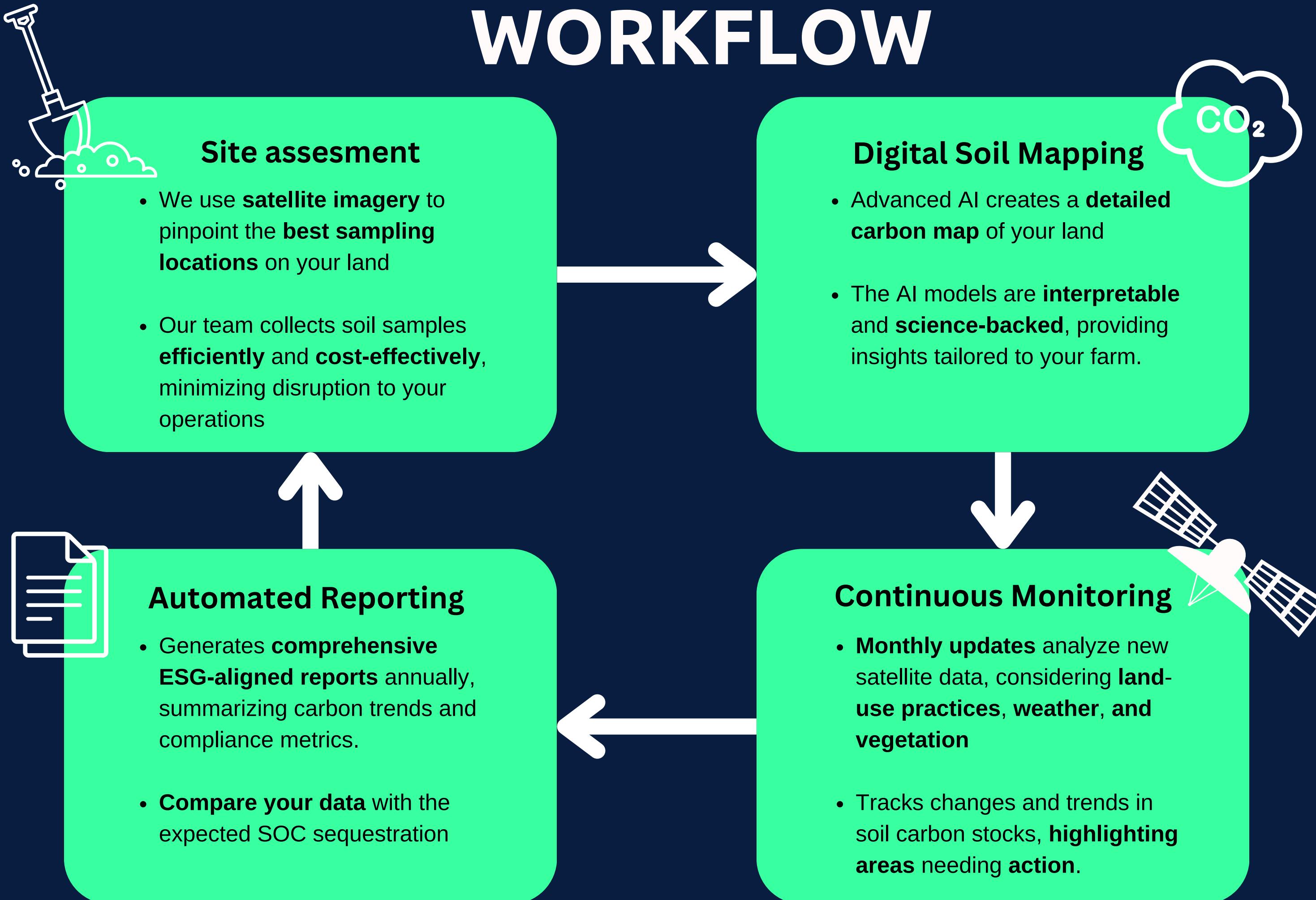
02

# Our Solution

Digital Soil Mapping using AI-driven Satellite Imagery

→ Automated Blockchain-based Reporting and Alerting

# WORKFLOW



**DEMO**

# BENEFITS OVERVIEW

## AUTOMATED

- **Reduced manual effort by 50%:** Automated SOC monitoring and reporting.
- **Faster Results:** Up to 60 times faster than conventional methods
- **Simplified workflow:** Easy integration with farm management practices and existing platforms.

## EFFICIENT

- **Yield improvement of 5% to 20%:** Healthier soils translate into higher productivity over time.
- **Optimized fertilizer use by 10% to 30%:** Optimized input application based on SOC insights.
- **Risk Identification:** Enables the farmer to **take action**

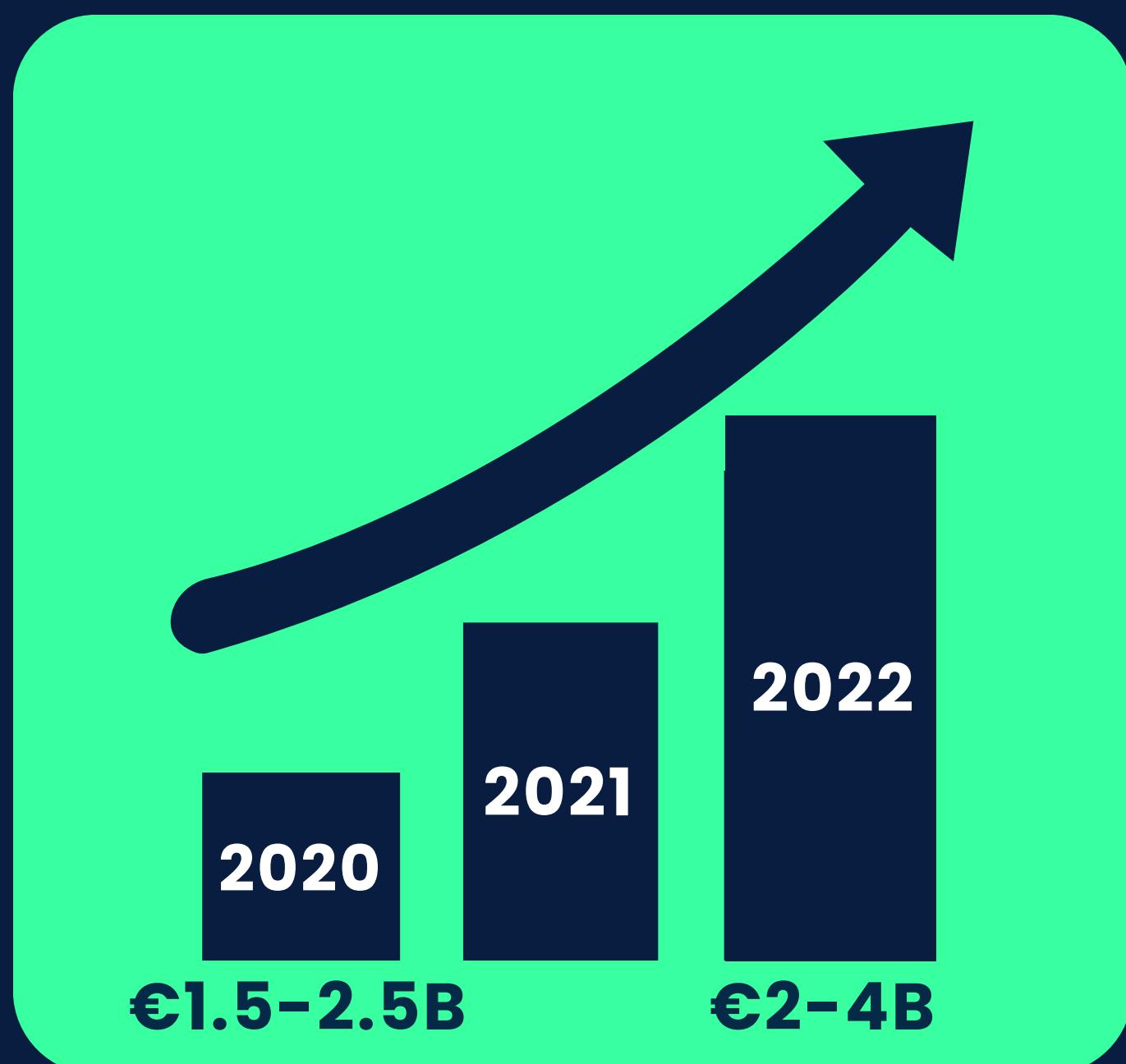
## AFFORDABLE

- **Up to 70% more cost-effective:** Satellite-based SOC estimation is cheaper than traditional methods.
- **Scalable solutions:** Works for parcels of all sizes
- **Revenue opportunities:** **\$10–\$30** per ton of CO<sub>2</sub> through **carbon credit** programs.

# Market Evaluation

- Total money allocated for traditional measurements

€6-10B



2030

# Business Model

B2B 

Envisioning B2G

## Revenue streams

**01** Pay as you go

**02** Premium Subscription  
(better customer experience)

# Our Customers

## Agri-Businesses

### Primary Target

- Farms
- Agri-Tech Companies
- Agroforestry Businesses

## Project Providers

- Support NGO's and Charities through collaborations
- Expand to Carbon credit projects



# COST STRUCTURE

## TECHNICAL

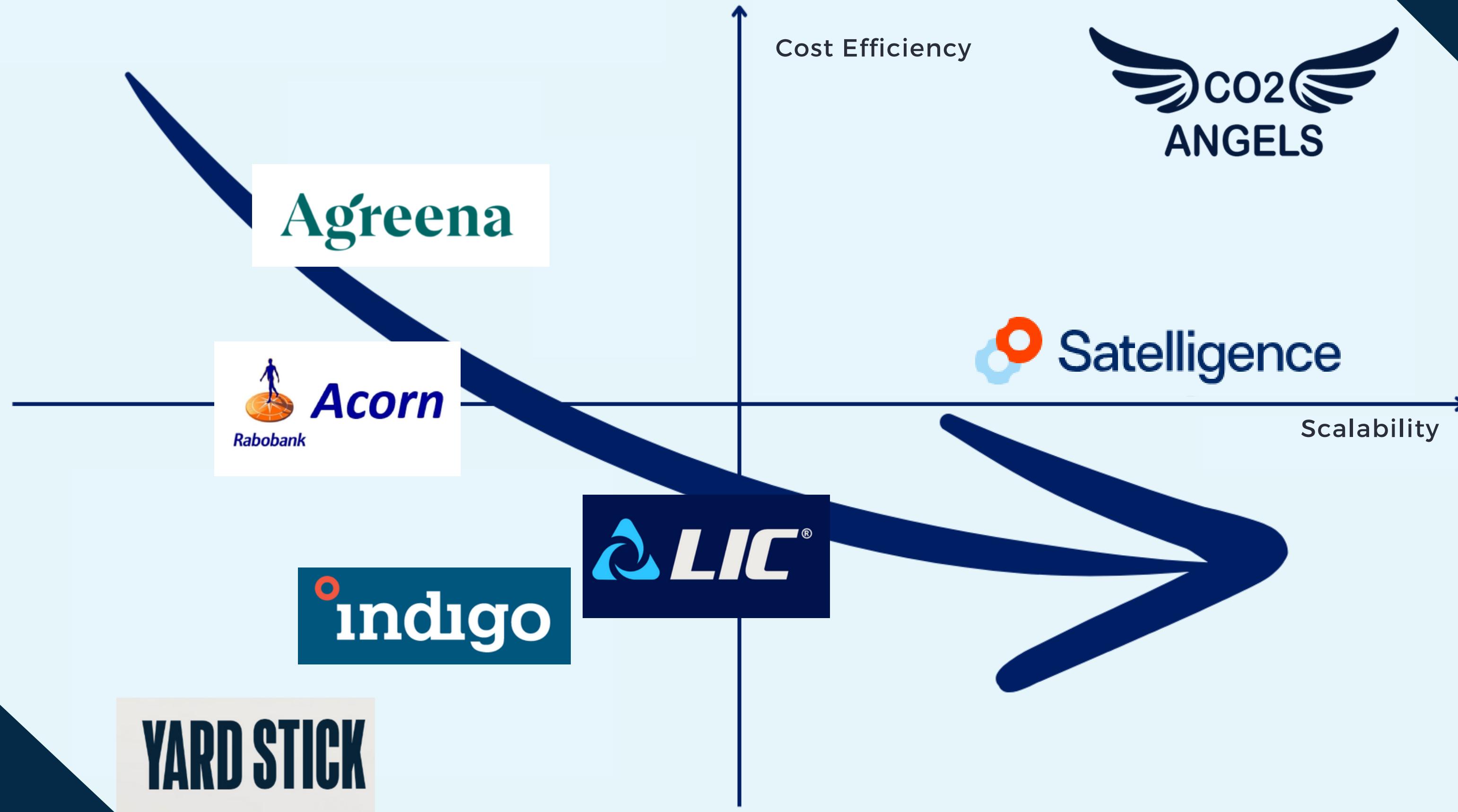
- **Data processing**
  - 500\$ / month basic , pro 2000\$
- **Vertex ai cloud host - ml model**
  - 15\$ per run with 100 users/ every 3 months (per ai model)
- **Render - backend**
  - pro plus - 175\$ - 450\$ per month

## OTHER

- **Certification process**
  - 4000\$-1000\$
- **On-site sampling for pilot project**
  - 150\$/hectare
- **Measurement sensors for pilot project**
  - 20\$/hectare
- **Patent**
  - 1500\$
- **Enhanced satellite data sets**
  - 10000\$

## SALARIES

- **Early stage**
  - **Base salary x5**
    - 4050lei Brut, 2574lei net
- **Follow up stage**
  - **AI Senior developer x1**
    - 3500\$
  - **Marketing & Sales people x2**
    - 1500\$



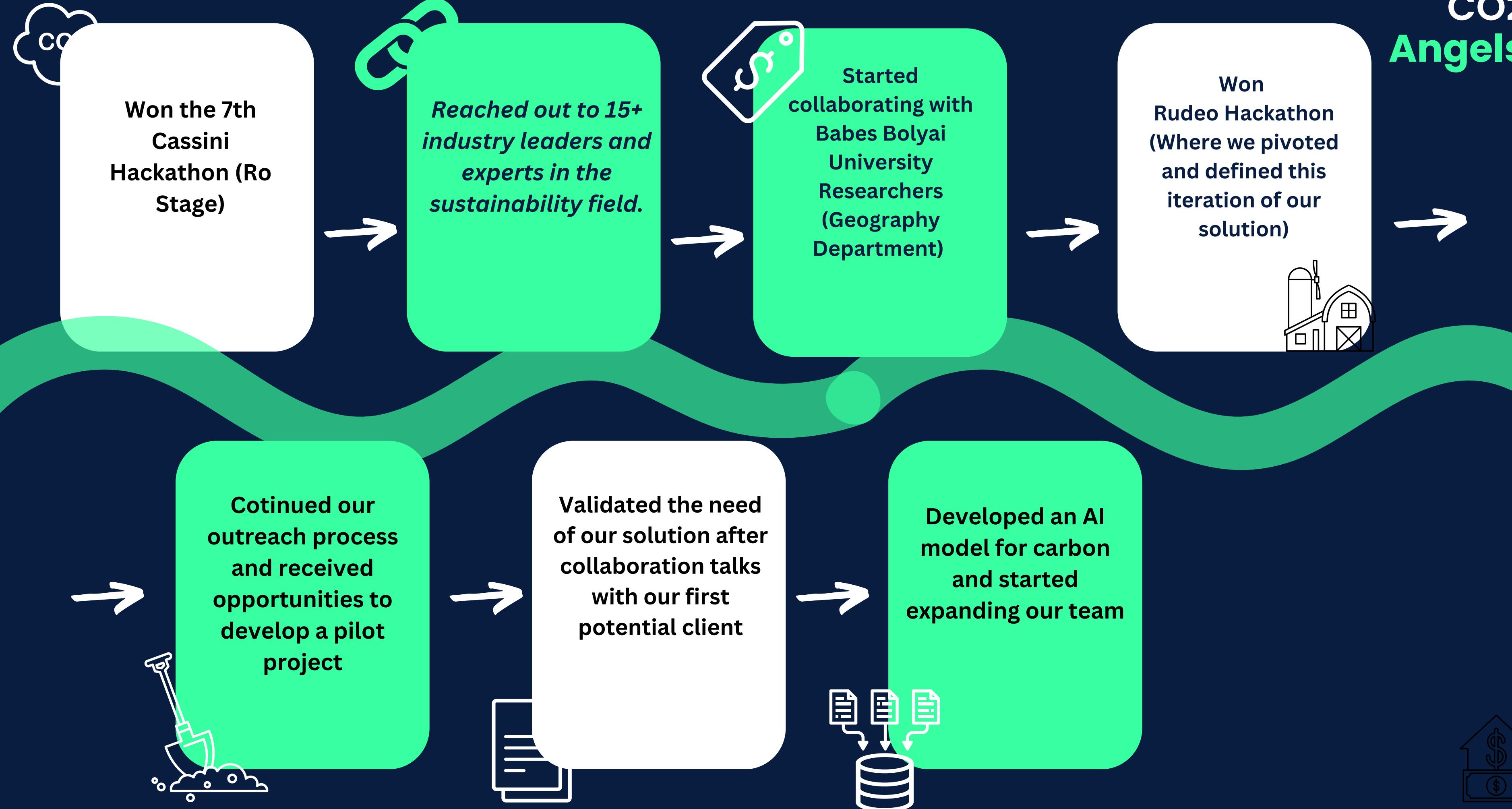
# COMPETITORS OVERVIEW

## AGREENA

Agreena is one of the biggest companies in this field having lots of clients even in Romania, but they seem to stick to traditional methods and focus on a larger spectre, therefore not providing customized or specific solutions for their clients.

## SATELLIGENCE

is an emerging company which achieved impressive numbers just 1 year from launching with the support of ESA Phi Lab. We differentiate through our approach as we target farms while they are more oriented towards sustainability and forestry.



# Up Next



**Sept. 2024**

Get in **contact** with **ESA** in order to develop our solution



**1/2 2025**

Secure and implement our first **pilot project**



**2/2 2025**

Aquire **3 core** medium-large sized **clients** after validating the pilot project results



**2027**

Reach a stable number of clients while expanding to other **metrics** and markets such as **CO2 Credits**



**2030**

Become the **new standard** for agriculture data and measurements

# Our Team Members

**Dedicated, passionate, and on a mission.**



Erik Maidik

David Seu

Stefan  
Macovei-Grigoras

# Contact us!

*Let's make farming more sustainable, efficient  
and proactive together.*

**For more info call**

+40-772-093-773

**Visit us at**

<https://co2angels.com>

**Email**

carbon.co2angels@gmail.com

**LinkedIn**

Erik Maidik

David Seu

Stefan Macovei-Grigoras

Check our platform

