



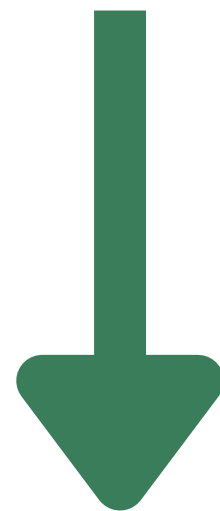
# SECA

**SENSOR ECOSYSTEM FOR CONTROLLING AGRICULTURE**


**Grow Smart, Harvest Better!**



**15% of the global  
harvest is wasted**



**\$370 million is lost**



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harvest is wasted**



**\$370 million is lost**

**Urgent *need* of  
harvest control**

# Current Options

**Guesswork**

**Satellite  
Imagery**

**IoT  
Sensors**

# Current Options

**Not  
Precise**

**Satellite  
Imagery**

**IoT  
Sensors**

# Current Options

**Not  
Precise**

**Low  
Resolution**

**IoT  
Sensors**

# Current Options

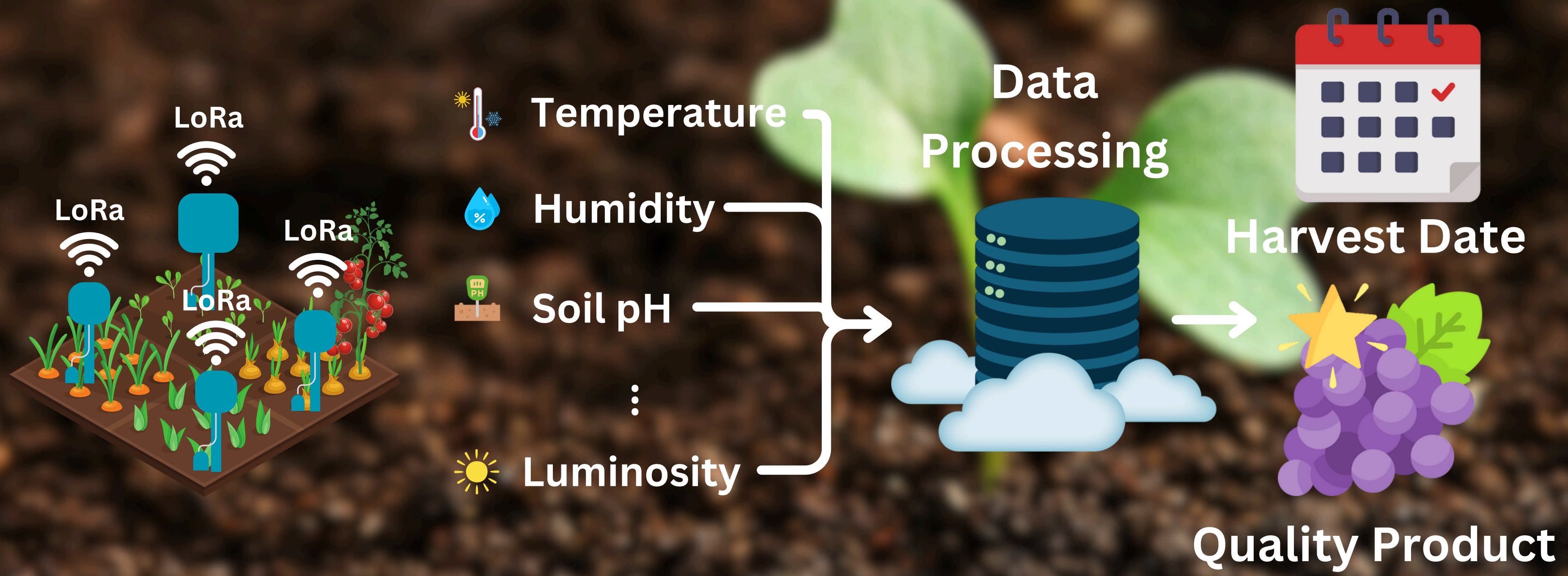
**Not  
Precise**

**Low  
Resolution**

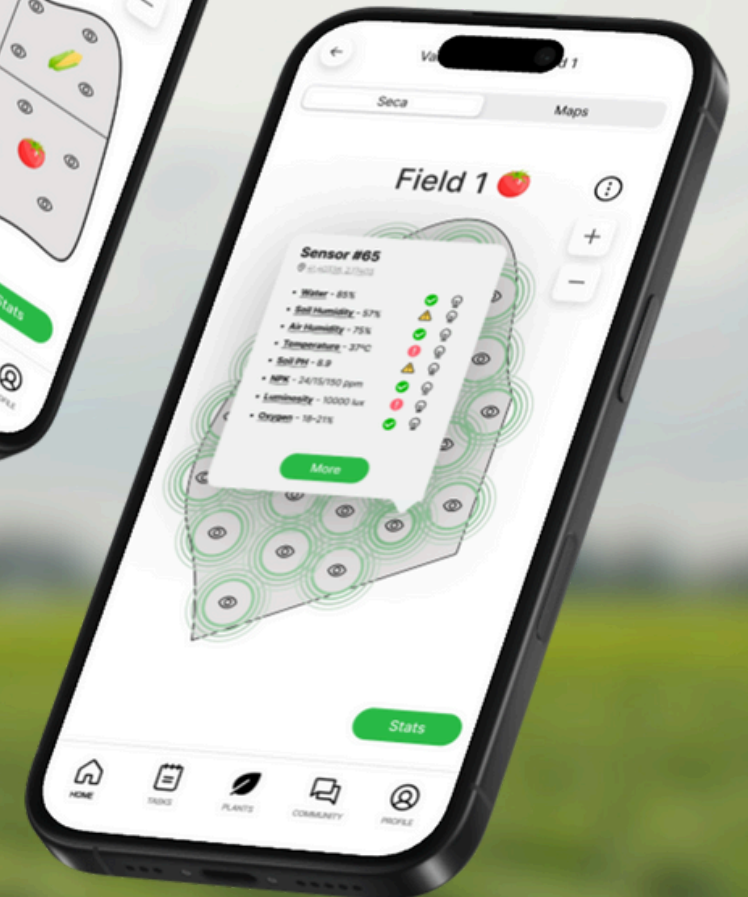
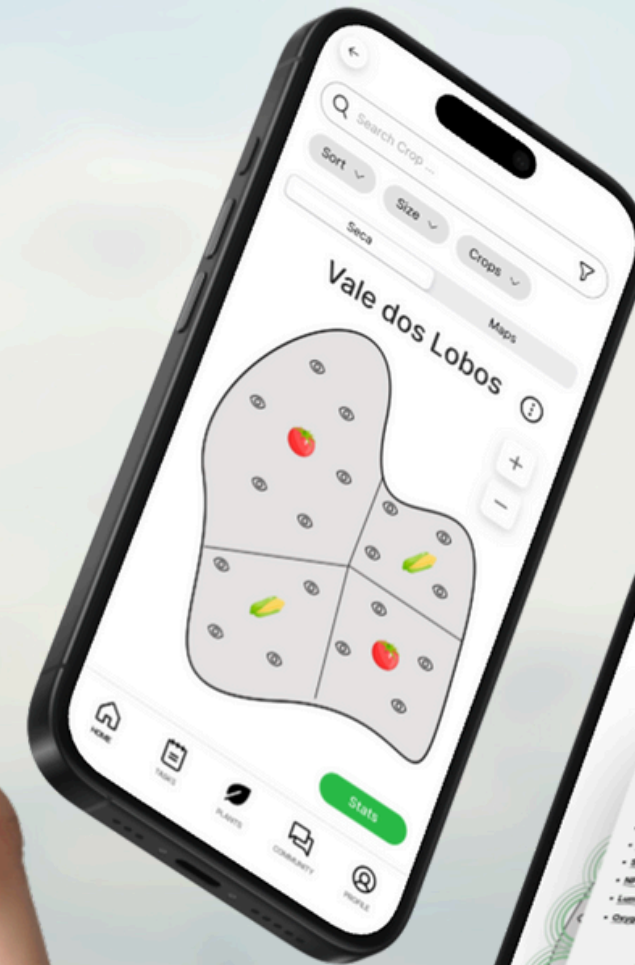
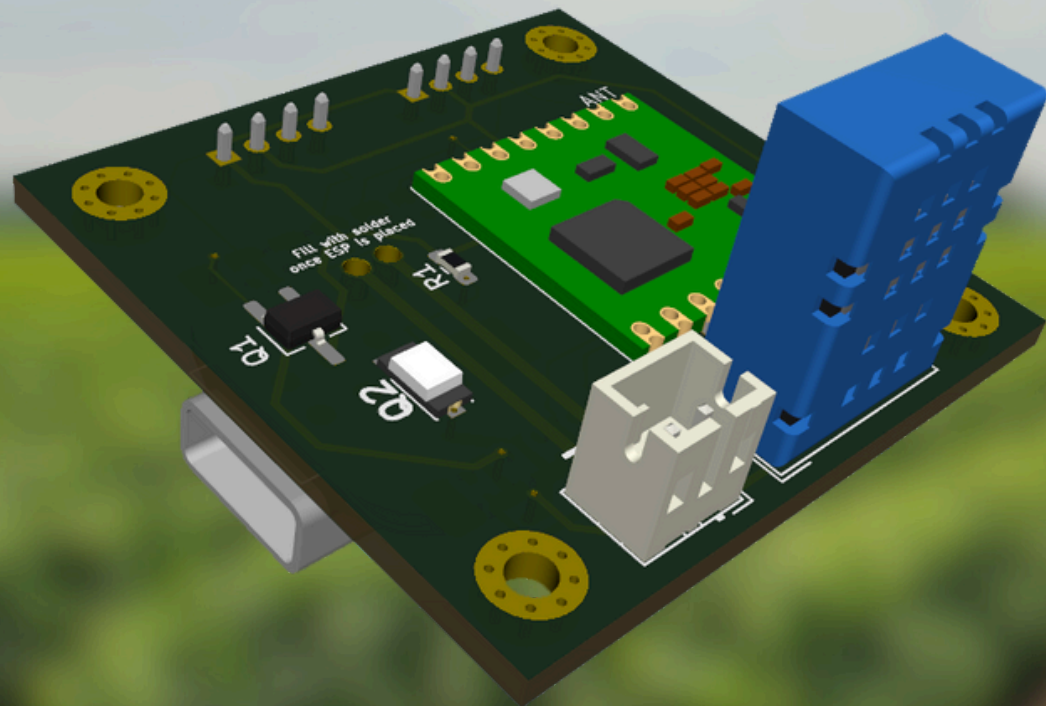
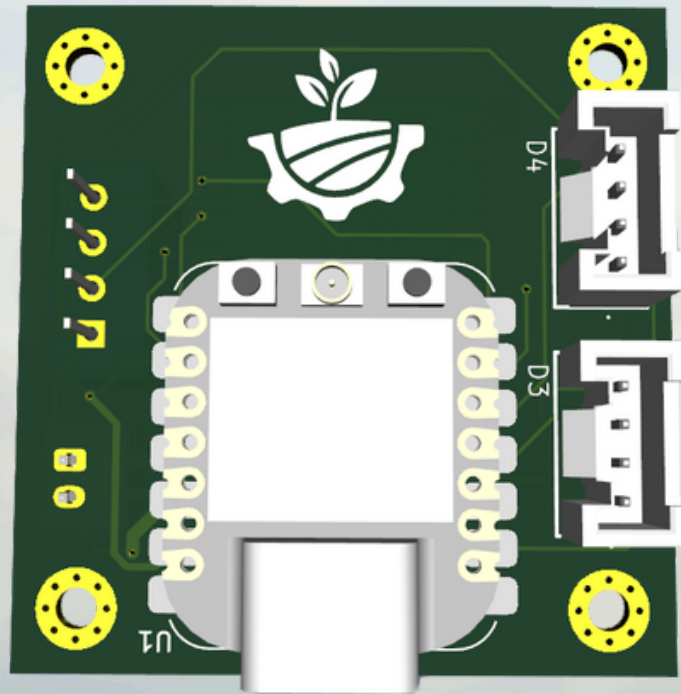
**No  
Prediction**

# What do we offer?

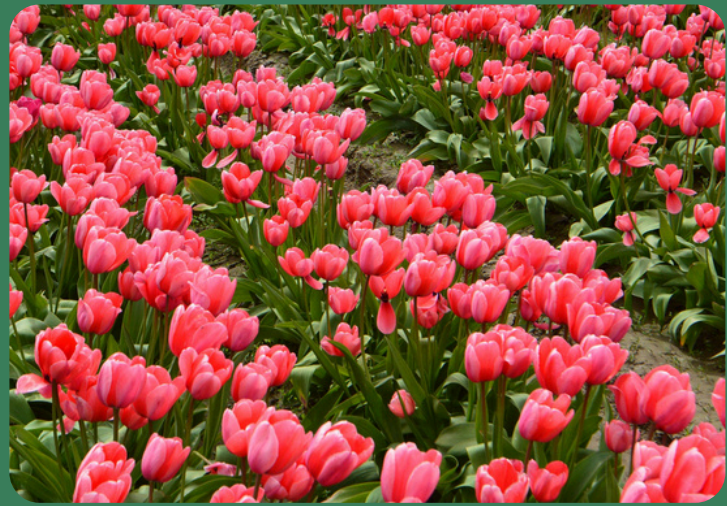
## Internet of Things (IoT)



# Physical Node + Monitoring App



# Sensitive Crops



**Flowers**



**Raspberry**



**Grapes**



**Pitayas**

# Real Impact on Yield and Profit

Losses of  
**15 - 25 %** of  
raspberrys



⬆️ 20% in yield



⬆️ 6300 €/ha

# Who are our competitors?



- Satellite monitoring
- Yield prediction
- No hardware



- Soil sensors
- AI irrigation tips
- Field analytics



- Satellite insights
- Sustainability focus
- Large farms



- Farm management app
- IoT + satellite
- EU market

# SECA Team

Machine Learning + IoT Experties + Design + Marketing



Ana Mendes



Filipe Piçarra



Francisco Apolinário



Jorge Assis



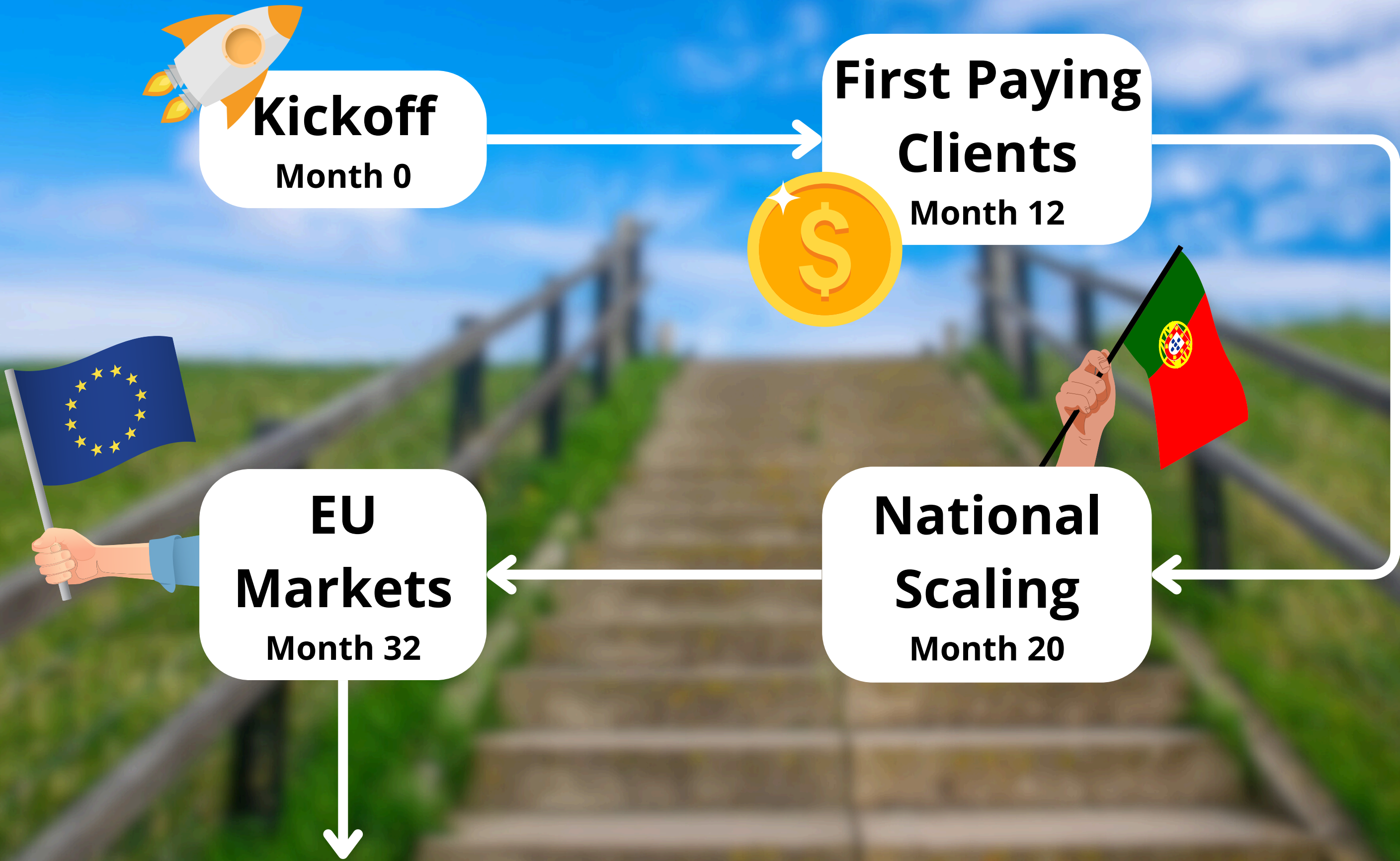
Neelam Jaiesh



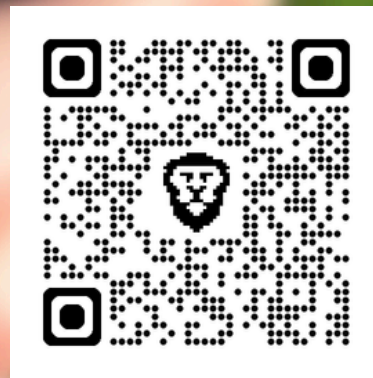
Tomás Arêde



# Milestones



**We are not adapting to farming,  
we are redefining it!**



Website