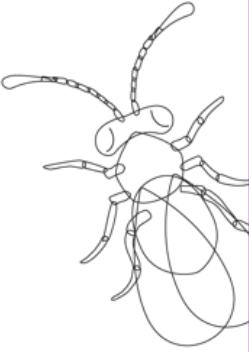


# Biobest High tech tools introduction

## High-tech Tools Horticulture

- ❖ Crop-scanner,
- ❖ Ecoation,
- ❖ Digital scouting portfolio





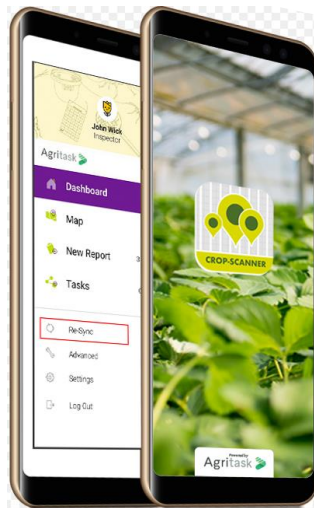
# Crop-Scanner



# Crop-Scanner

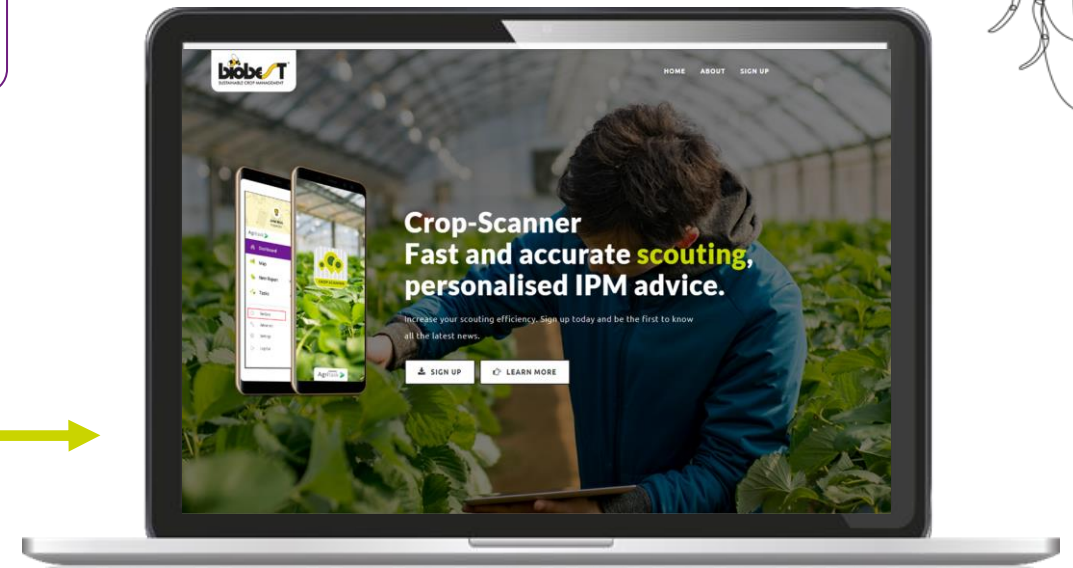


Cloud Crop-Scanner



Crop-Scanner App

Input scout observations + basic reports



Crop-Scanner web Environment

Advanced reports & graphs



# Crop-Scanner

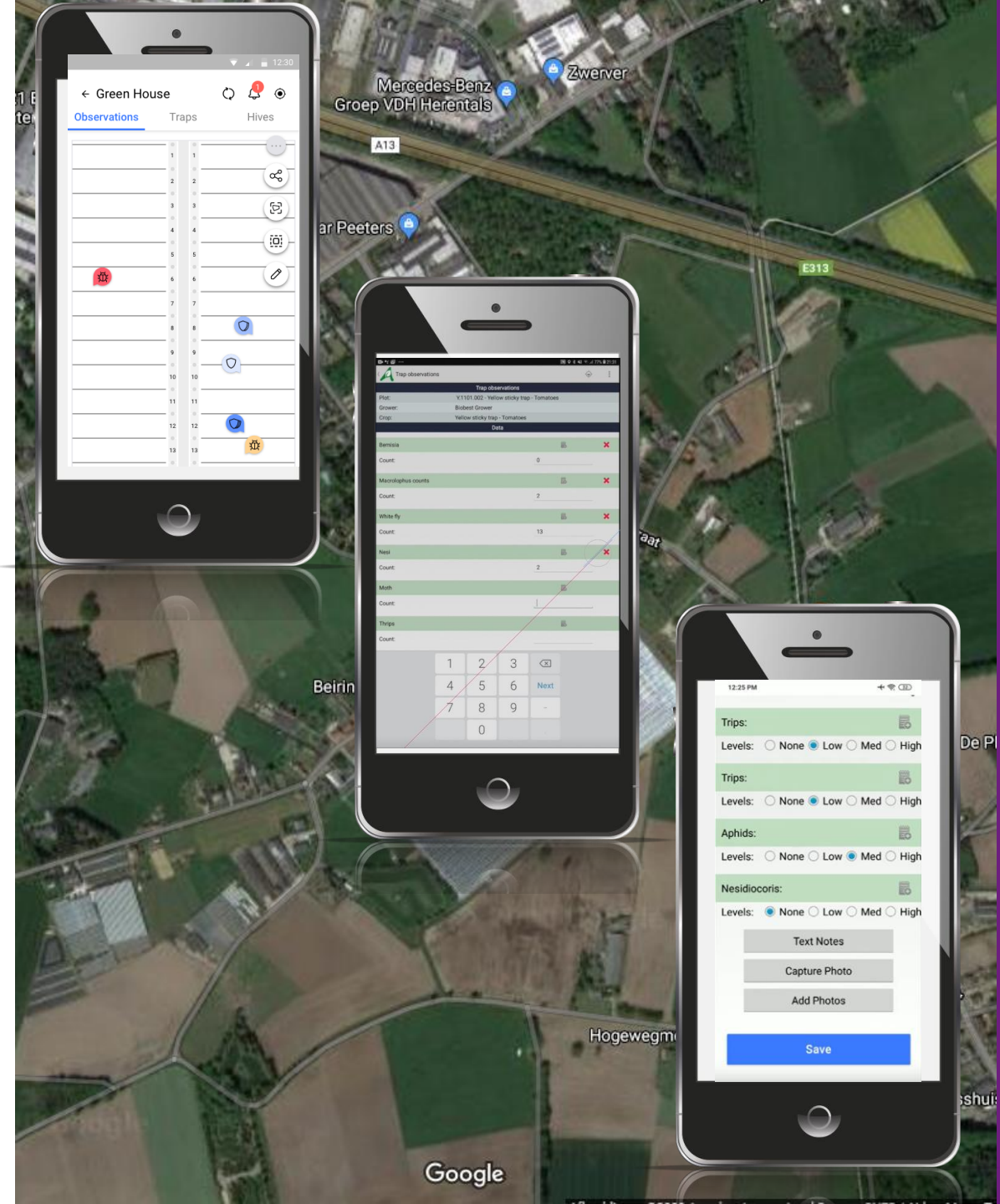
Real-time overview of traps

Easy & fast data-entry in smartphone or tablet

- ❖ Overview of installed traps and any other scouting observation
- ❖ Direct data-entry (Maps or GPS)
  - Counts
  - Levels
  - Pictures
- ❖ Saves reports immediately after data-entry

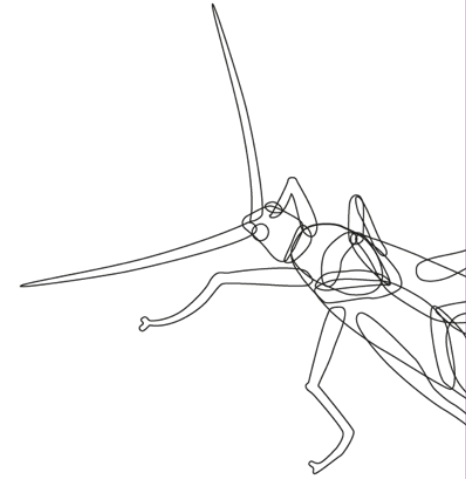
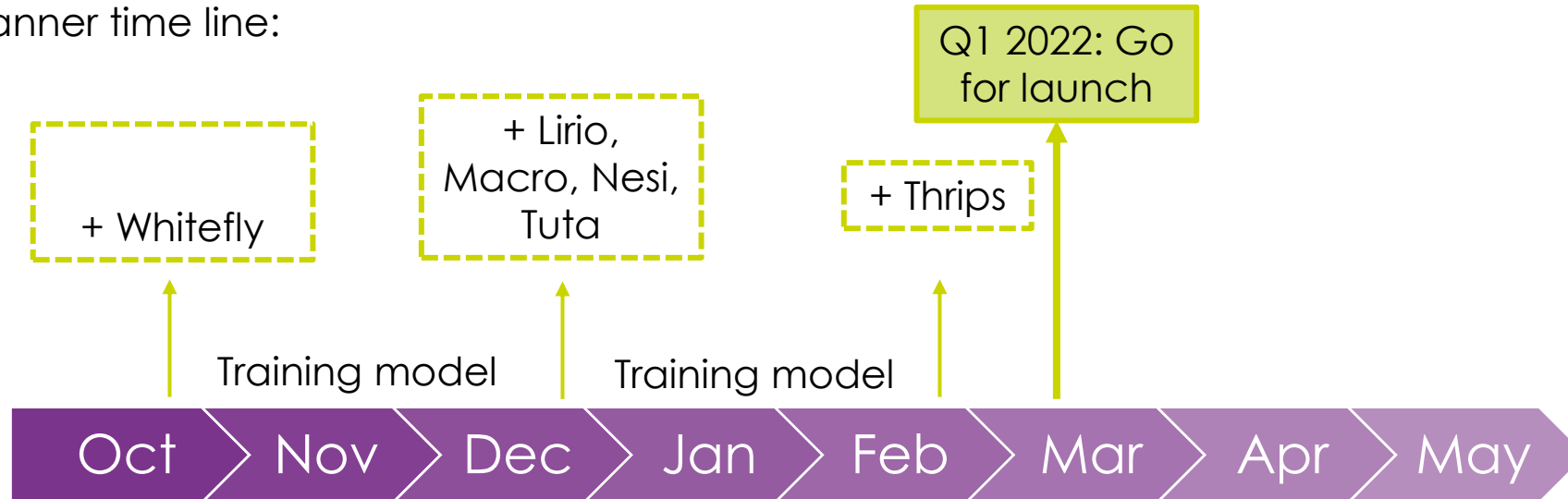
➔ **Faster data-entry**

➔ **More accurate: Less room for human error**



# Trap-Scanner: functions in pipe line

- ❖ Treatments,
- ❖ IOS
- ❖ Custom Observation thresholds + obs protocols
- ❖ Multi select
- ❖ Q1 2022: launch trap scanner (dome incl.) = re launch crop scanner
- ❖ Trap scanner time line:





# Ecoation





# Next-Gen Horticulture

## The services we offer



### Closed-Loop IPM

Risk projection, digital scouting/treatment, record-keeping, and real-time



### Yield Production Assessment

Fruit count, color assessment, historical yield trends, and harvest projections.



### Crop Work Check

Assess quality of crop work and detect issues that affect production & labour cost.



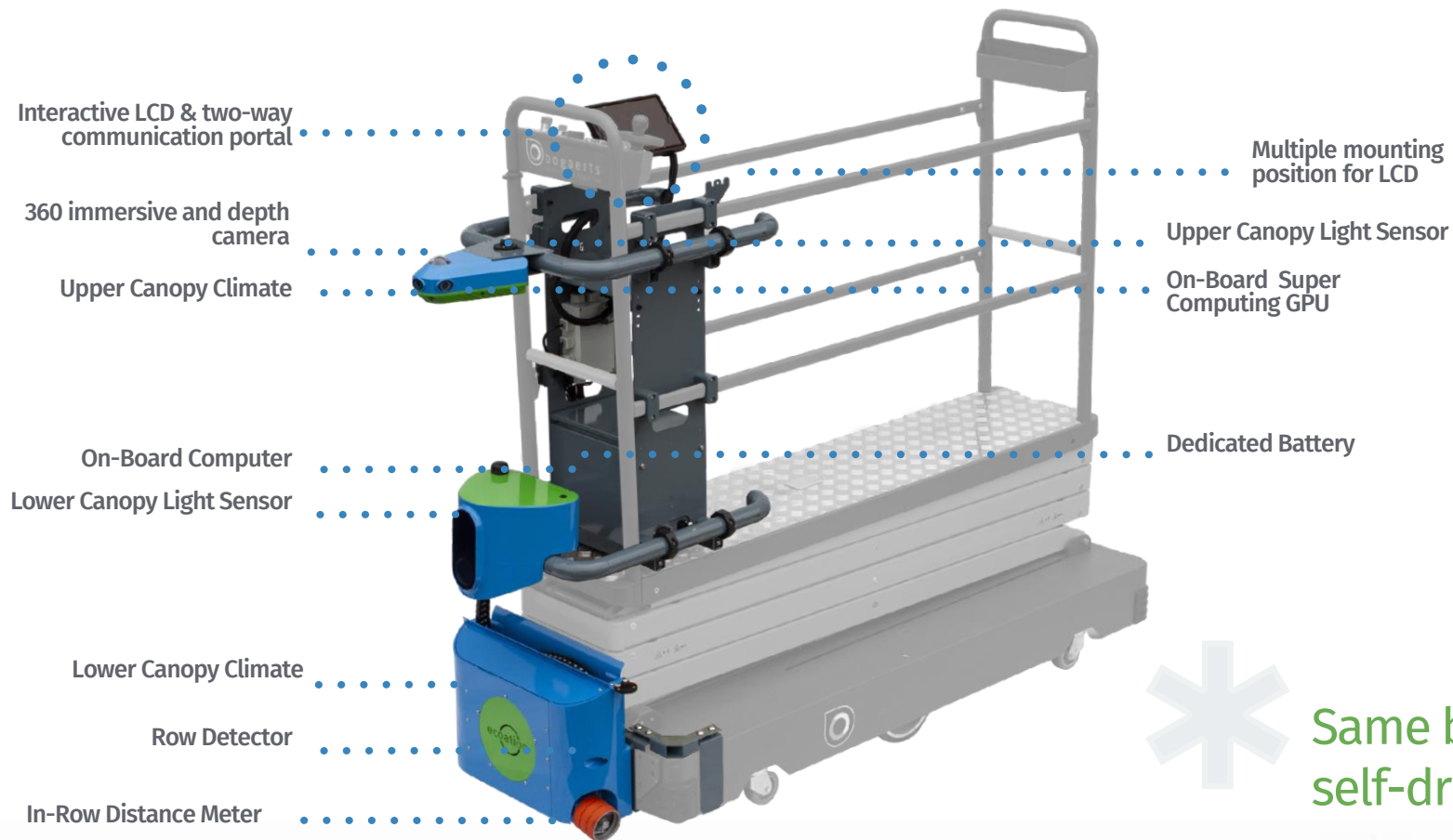






# OKO: Your Eyes on the Ground

The **location-aware** super computing greenhouse cart.



Same brain as a self-driving Tesla.

\*\*\*Compatible with major greenhouse lift vendors.

# OKO Packages

**Human + Machine**  
KNOWLEDGE + PRECISION



## Digital

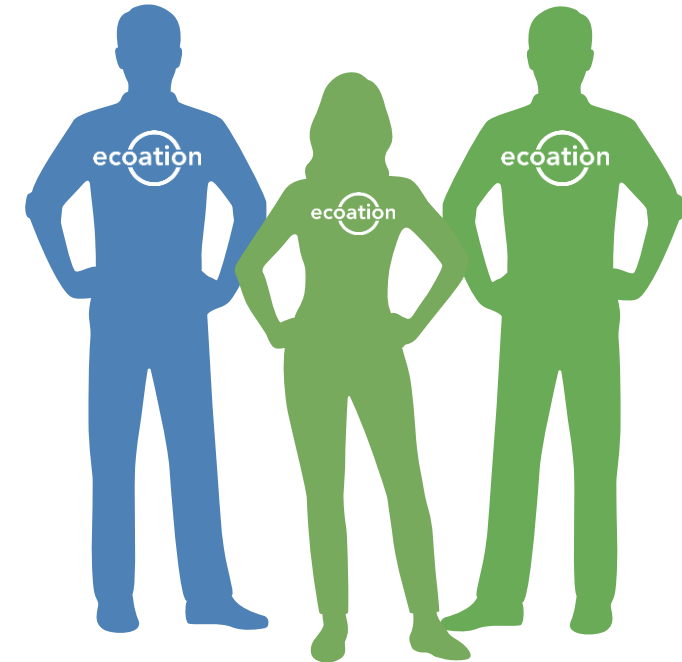


Digital Capture of human observation + environmental data per sqm

## Immersive



Digital Package + IPM Risk map + full canopy microclimate and 360 8K Virtual Walk



## Unlimited Use/Area

### All You Can Drive!



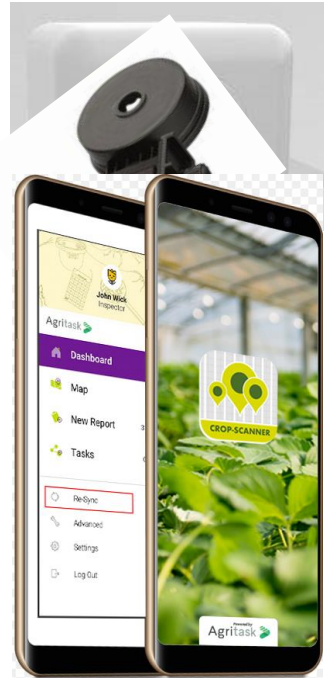
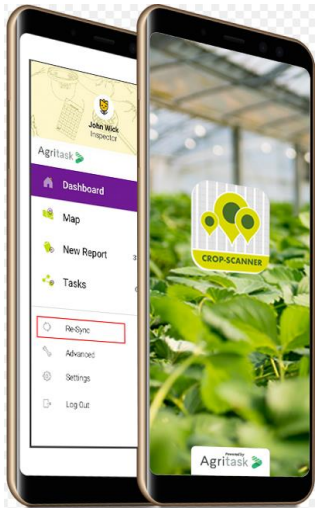
**products**





# Products

Crop-scanner - Crop scanner + trap scanner



Digital



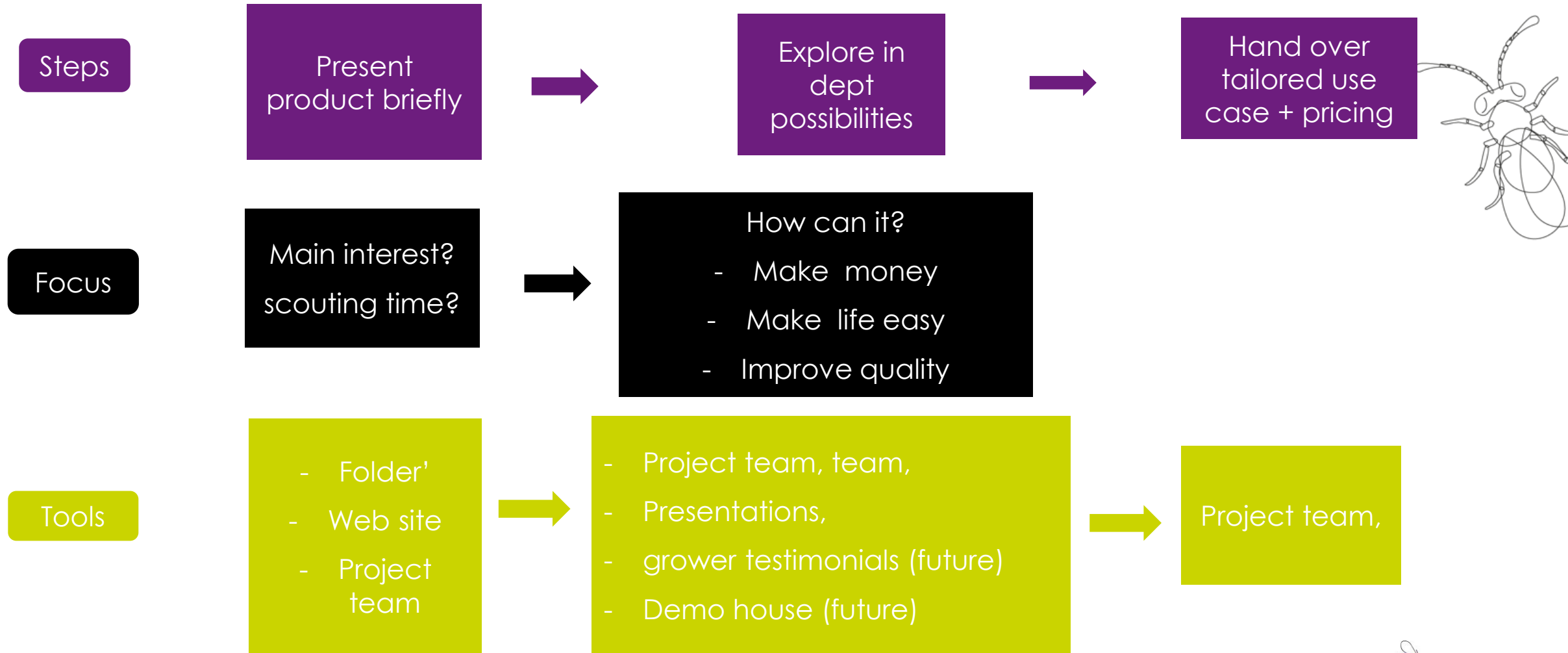
Digital Capture of human observation + environmental data per sqm

Immersive



Digital Package + IPM Risk map +full canopy microclimate and 360 8K Virtual Walk

# Sails steps High tech





Pats





# Pats – C (potential for distributing)

- Automated monitoring of moth pests
- Early detection of first flight / pressure
- Continuously track population development

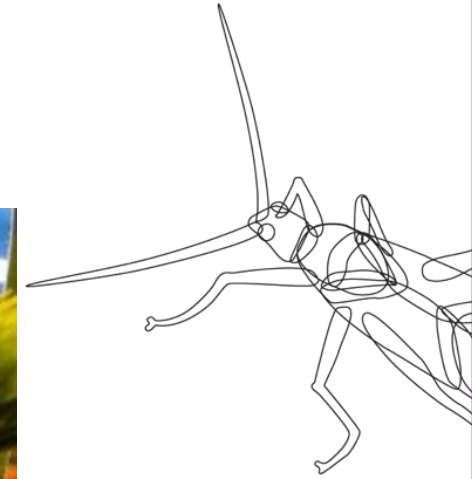
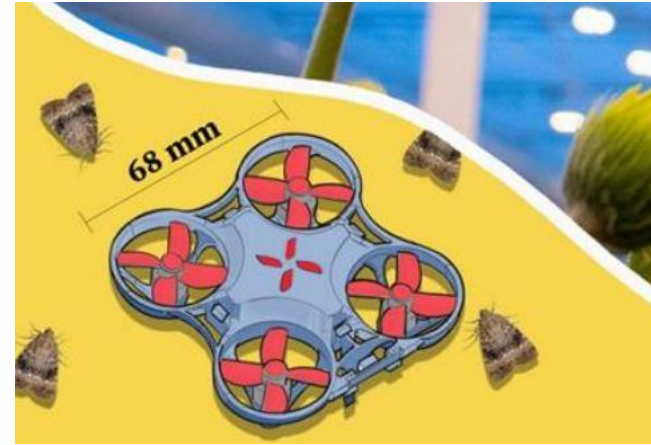
~ 1 system per hectare

Pests in scope today:

Duponchelia moth

- Banana moth (opogona)
- Tomato leafminer (tuta absoluta)
- Diamondback moth (cabbage moth)

Pats X



## PATS-C: Autonomous Pest Monitoring



Base station detects and tracks insect in 3D

