

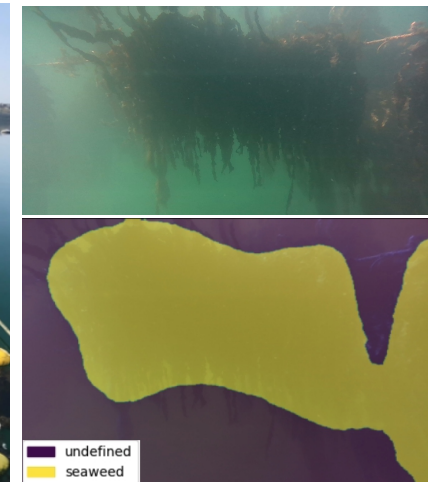
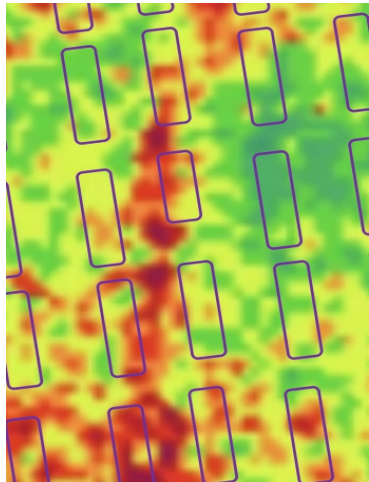


# UTOPIA

## aUtomaTed Open Precision fArming Platform

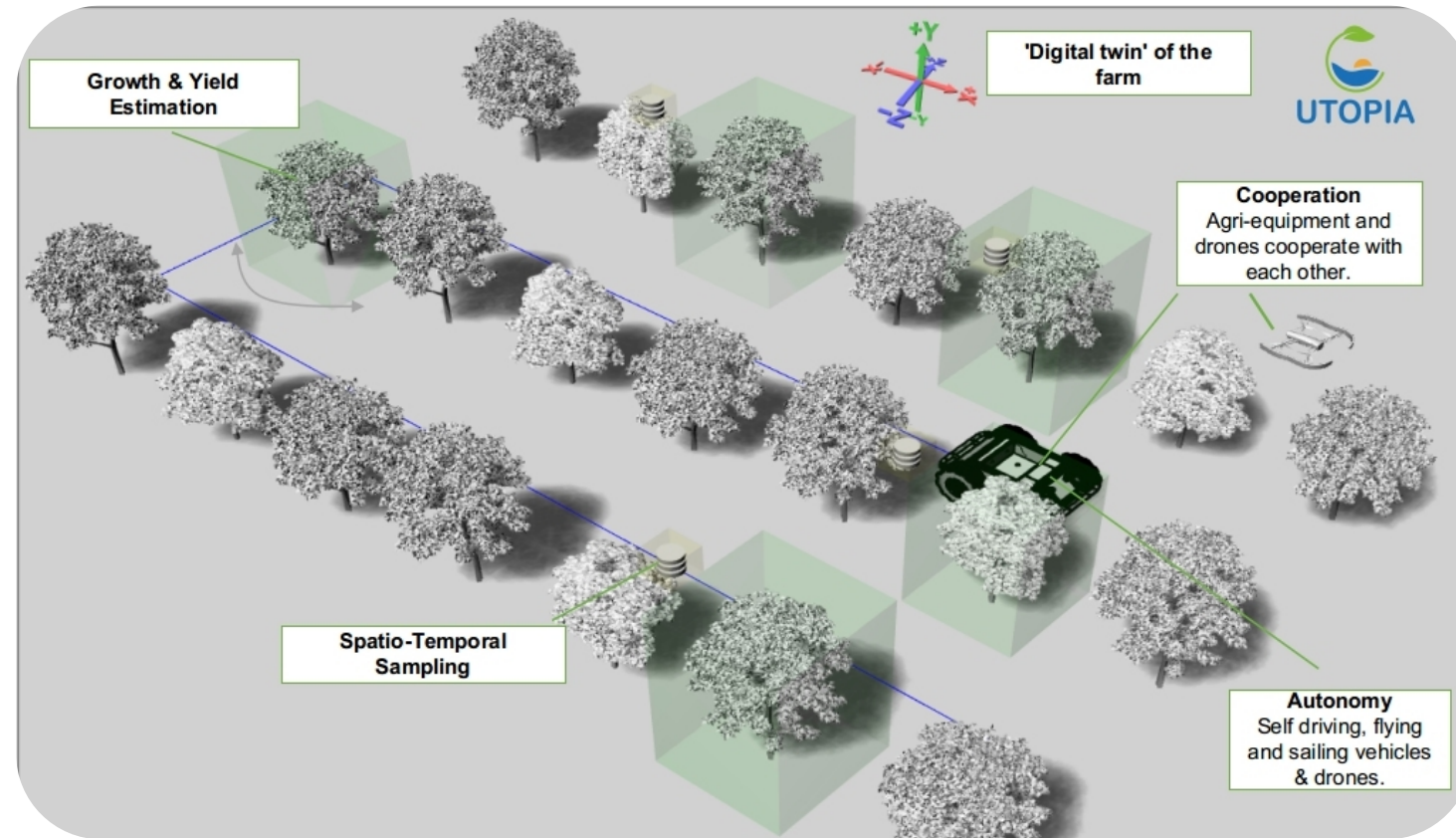
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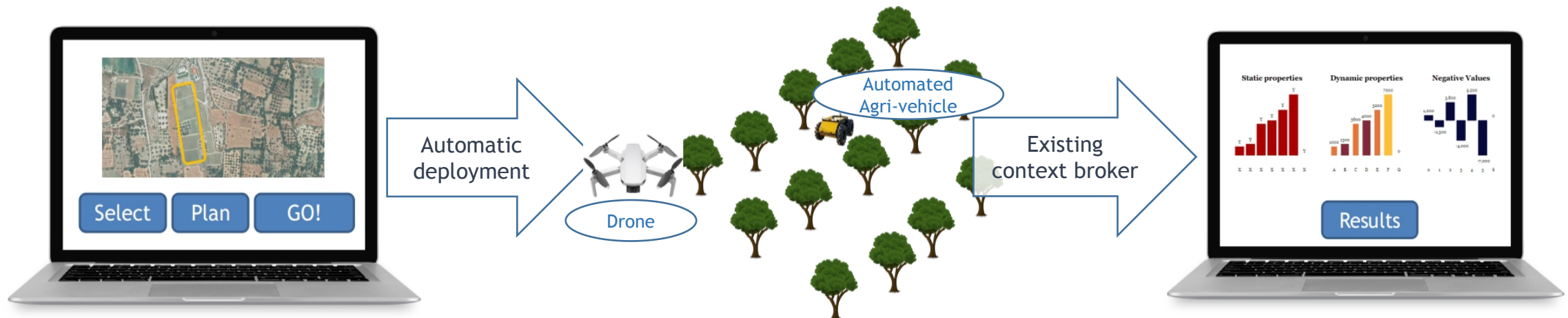
- Take advantage of the commonality of different next-gen smart farming applications when you combine them.
- ‘Digital twin’
- Multiple devices can use the same data
- Eases the effort to obtain contextual information and aid precision farming.



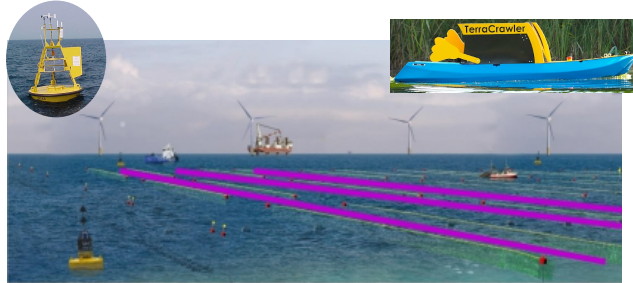
# Goal

Support the mass-adoption of data-rich, small interval precision-farming, while limiting the resulting increase of labor & expertise related to:

- manual/automated robotic & agri-equipment operation
- fusion of the heterogeneous multi-device data



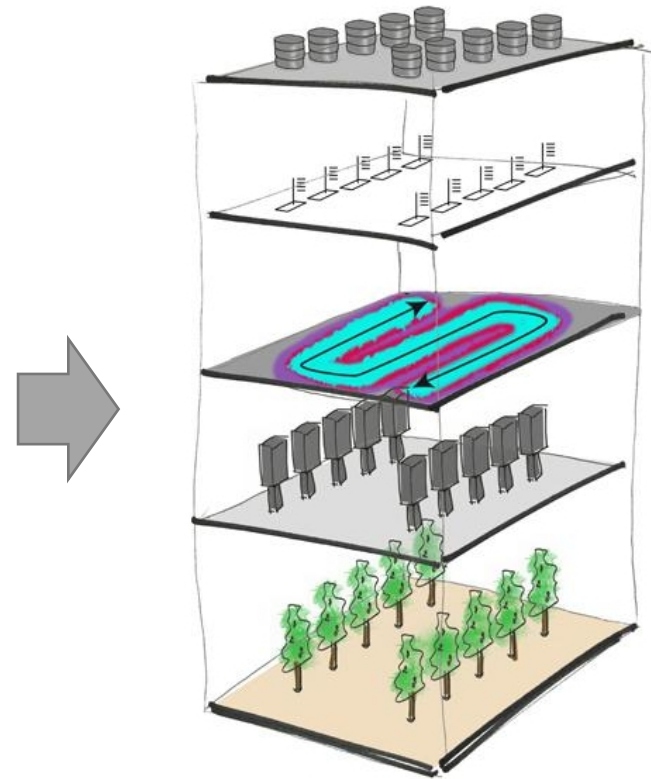
# Project



*Seaweed use-case  
(North-Sea)*

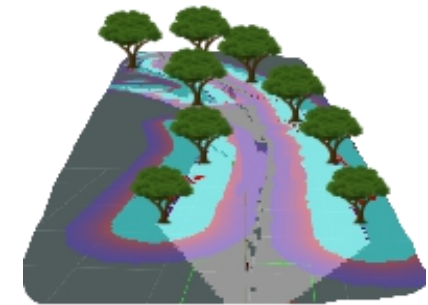


*Vineyard use-case  
(Turkey)*



**GIS + Robotics**

...in a low-bandwidth environment



**Demo / Evaluation;**  
Collaborative autonomous  
driving, flying or sailing for  
yield estimation.

USE-CASE &  
STAKEHOLDER INPUT

FRAMEWORK DEVELOPMENT

EVALUATION &  
DEMONSTRATION