
Hiphen solutions:

Enabling the digital transformation
of the agriculture sector

DATE

March 2020

AUTHORS

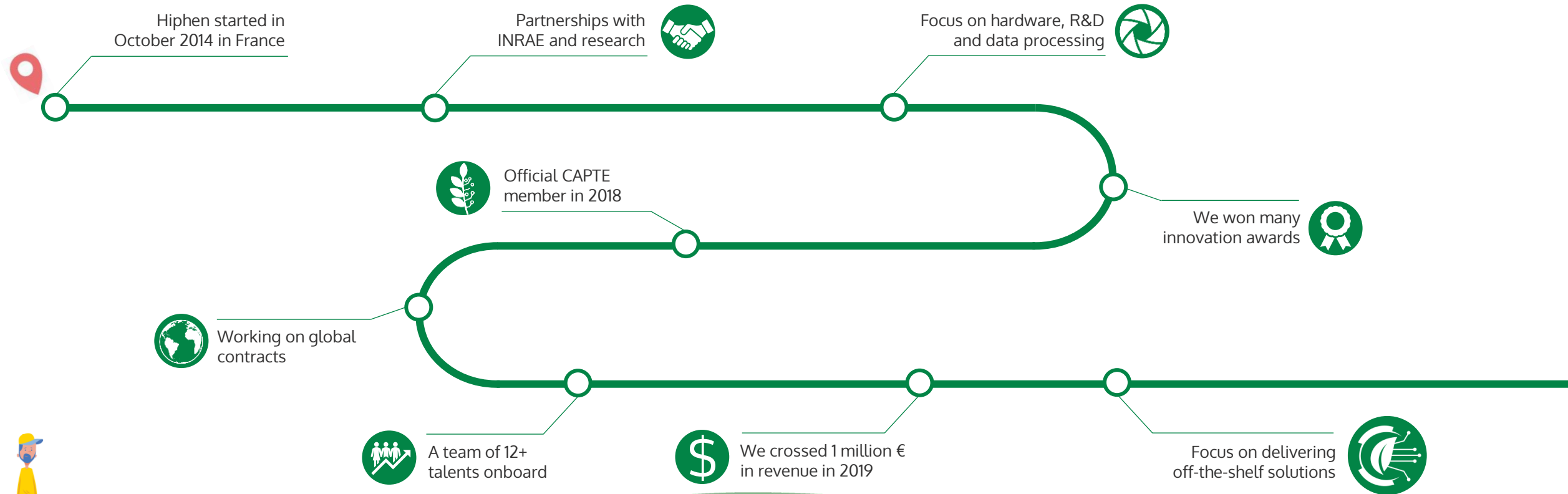
Alexis Comar, Joss Gillet



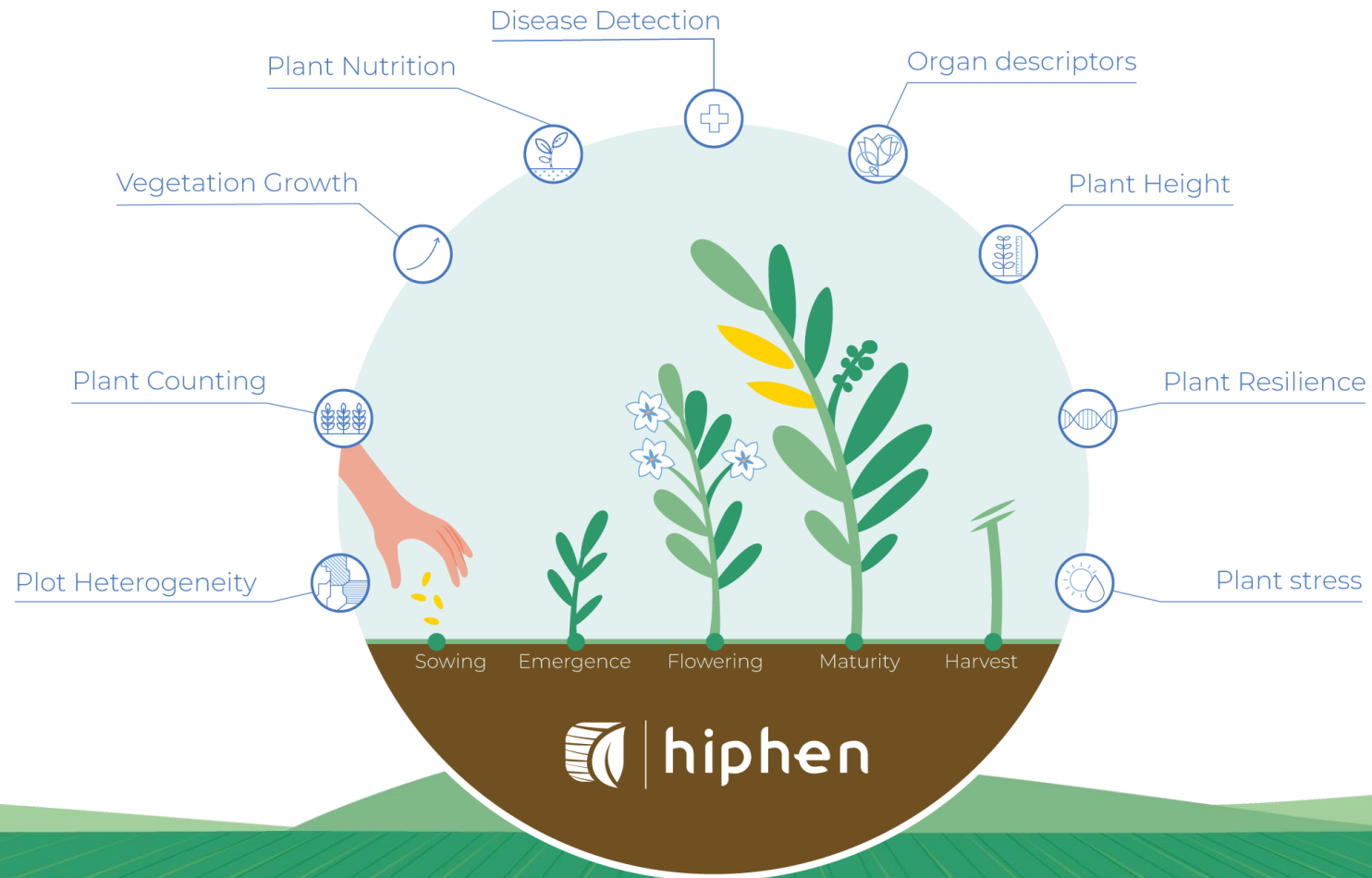
WE ARE EXPERTS IN PLANT DIAGNOSIS



5 YEARS OF IN-DEPTH EXPERTISE TO BECOME A GLOBAL PLAYER



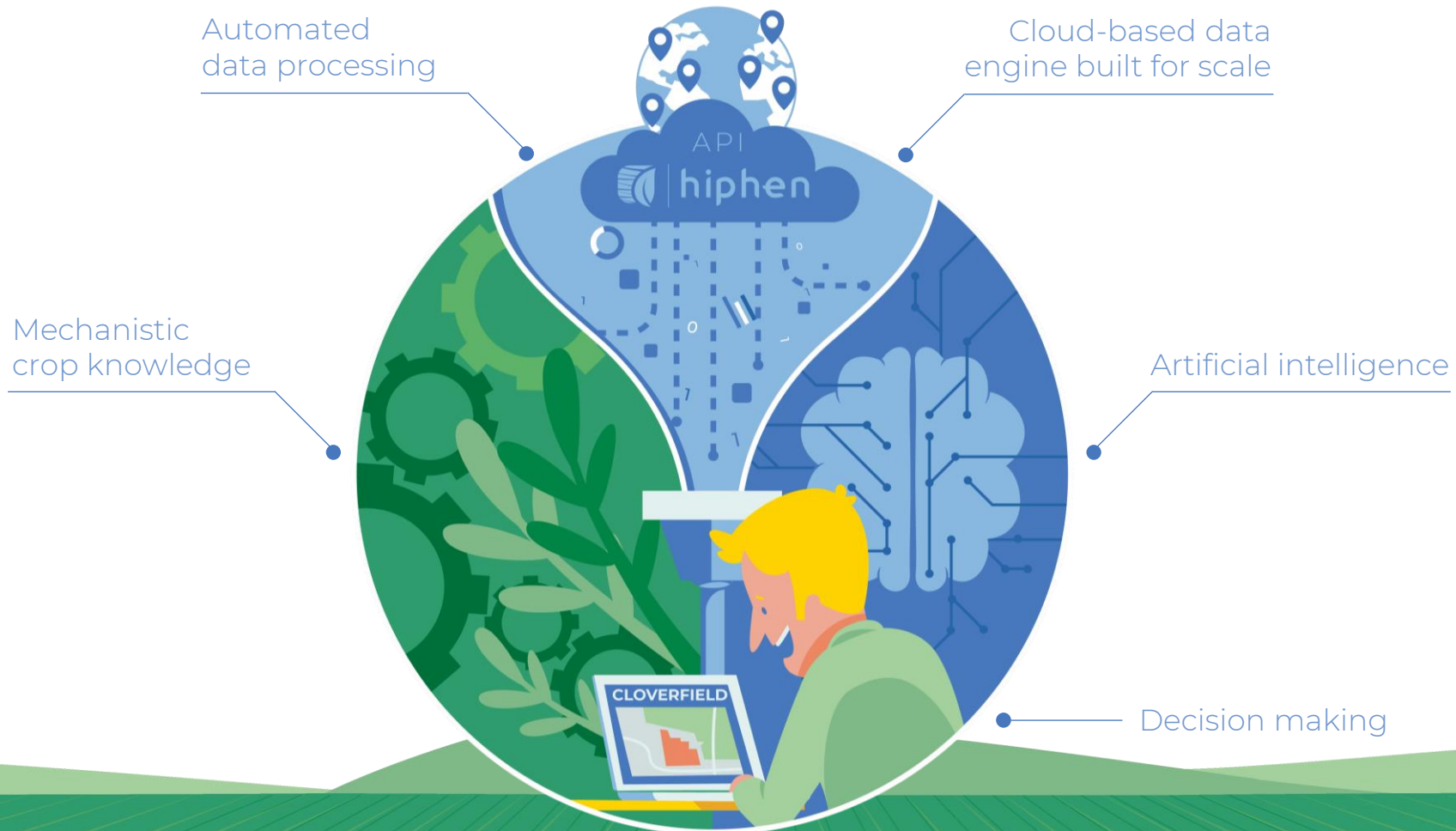
WE DELIVER PLANT MEASUREMENTS OF HIGH AGRONOMIC VALUE



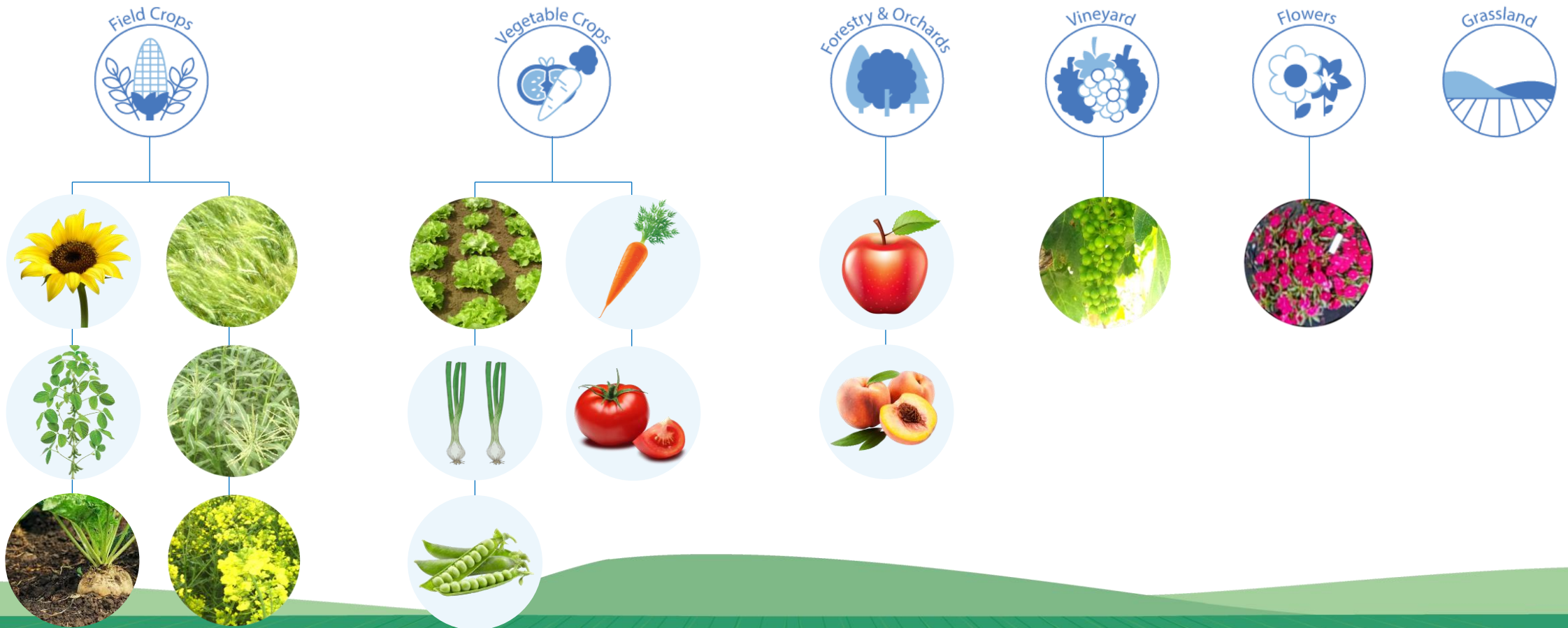
WE WORK WITH REMOTE SENSING DEVICES BUILT FOR EVERY SCALE



WE OFFER A POWERFUL DATA PLATFORM TO PROCESS YOUR DATA



WE HAVE EXPERTISE IN A WIDE VARIETY OF CROPS



WE SERVE THE WHOLE AGRICULTURE SECTOR

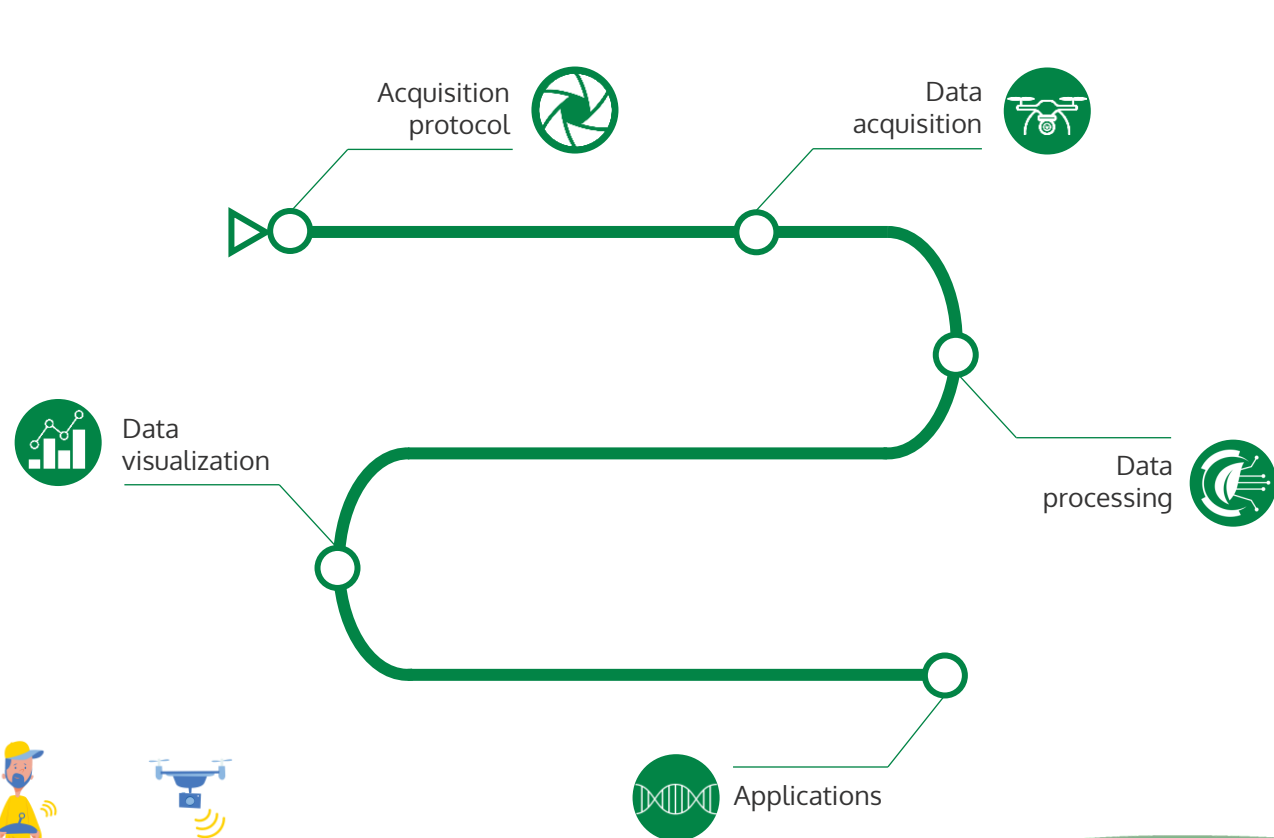


4 HIPHEN SOLUTIONS AVAILABLE OFF-THE-SHELF

- 1 — UAV plant phenotyping for breeders
- 2 — Artificial Intelligence for agriculture
- 3 — R&D expertise to develop applications
- 4 — Enhancing your data for yield prediction

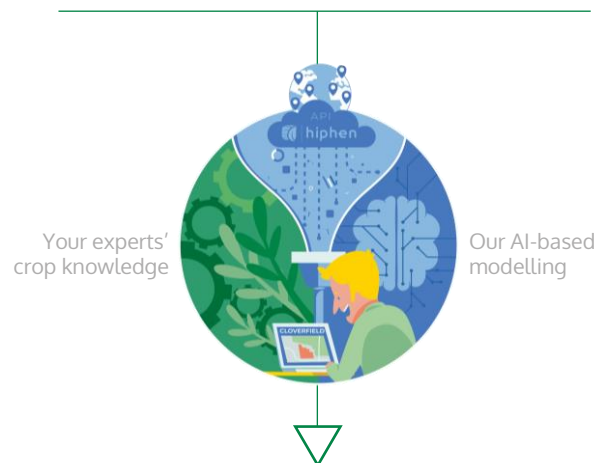


1 OUR END-TO-END SOLUTION FOR UAV PLANT PHENOTYPING

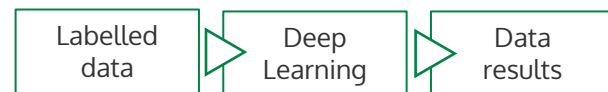


② OUR ARTIFICIAL INTELLIGENCE SOLUTION FOR AGRICULTURE

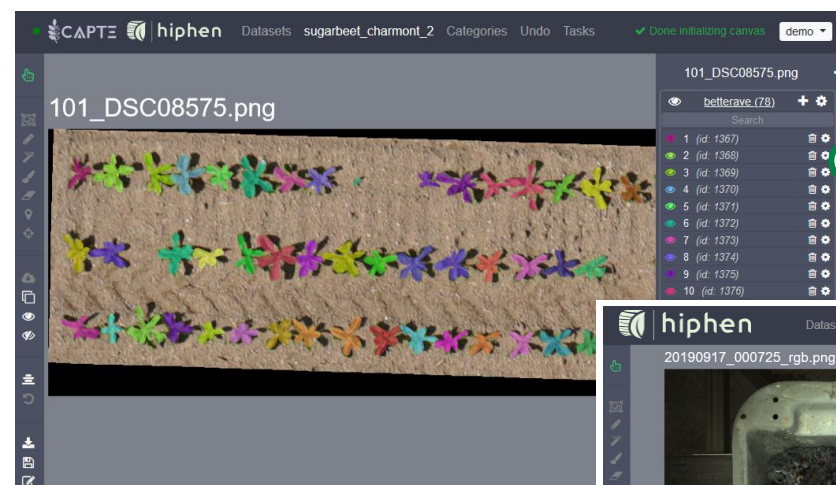
Large volume of data from various devices is sent to be processed in our data platform



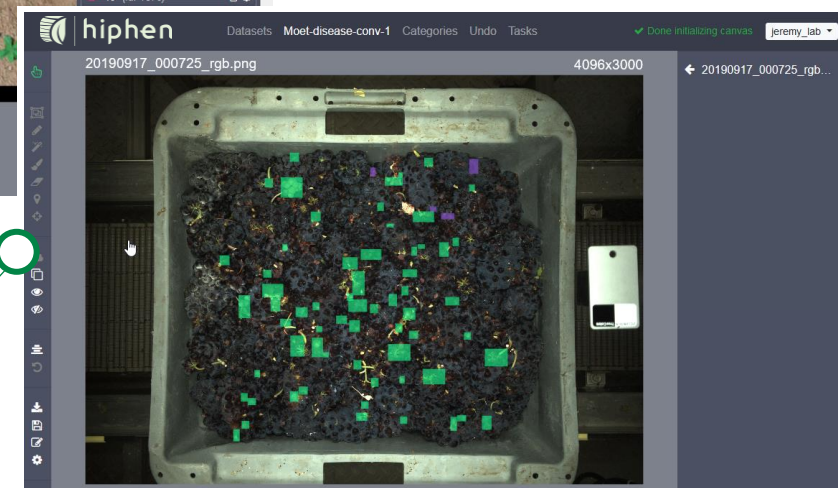
Plant features detection



"Human in the loop" approach

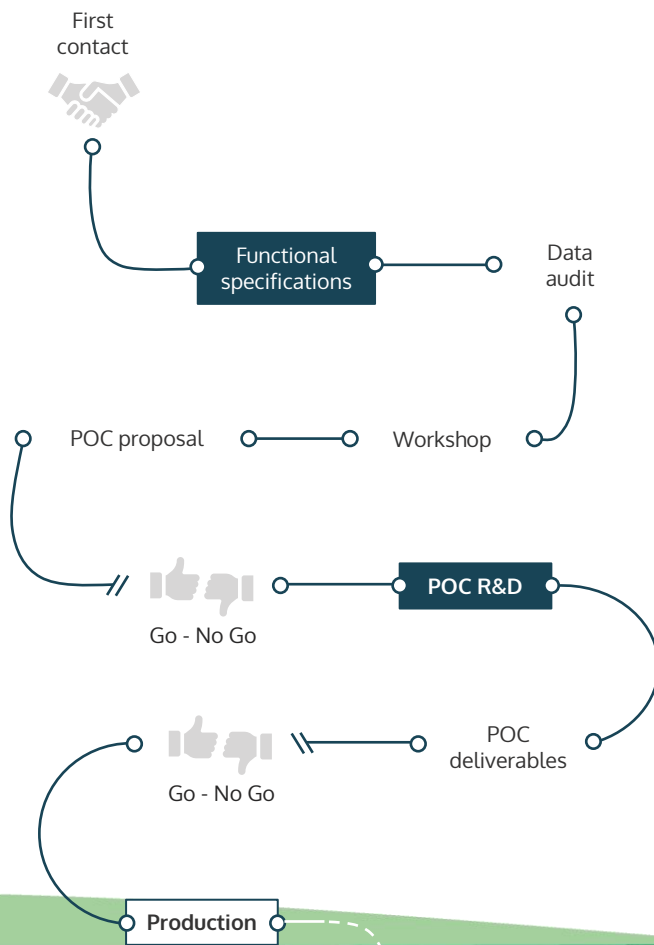


Breeders use our solution in routine to count plants



Champagne makers like MHCS use our solution for grape disease evaluation

OUR R&D SOLUTION TO DEVELOP YOUR APPLICATIONS



Each year, our team of 12+ agtech specialists delivers many R&D projects from POC to fully operational solutions that our clients can run in routine.



Alexis, PhD
Specialist in Remote Sensing and Agronomy



Joss
Talented R&D Director, previously in telecoms



Jérémy
Agronomist and Data Scientist

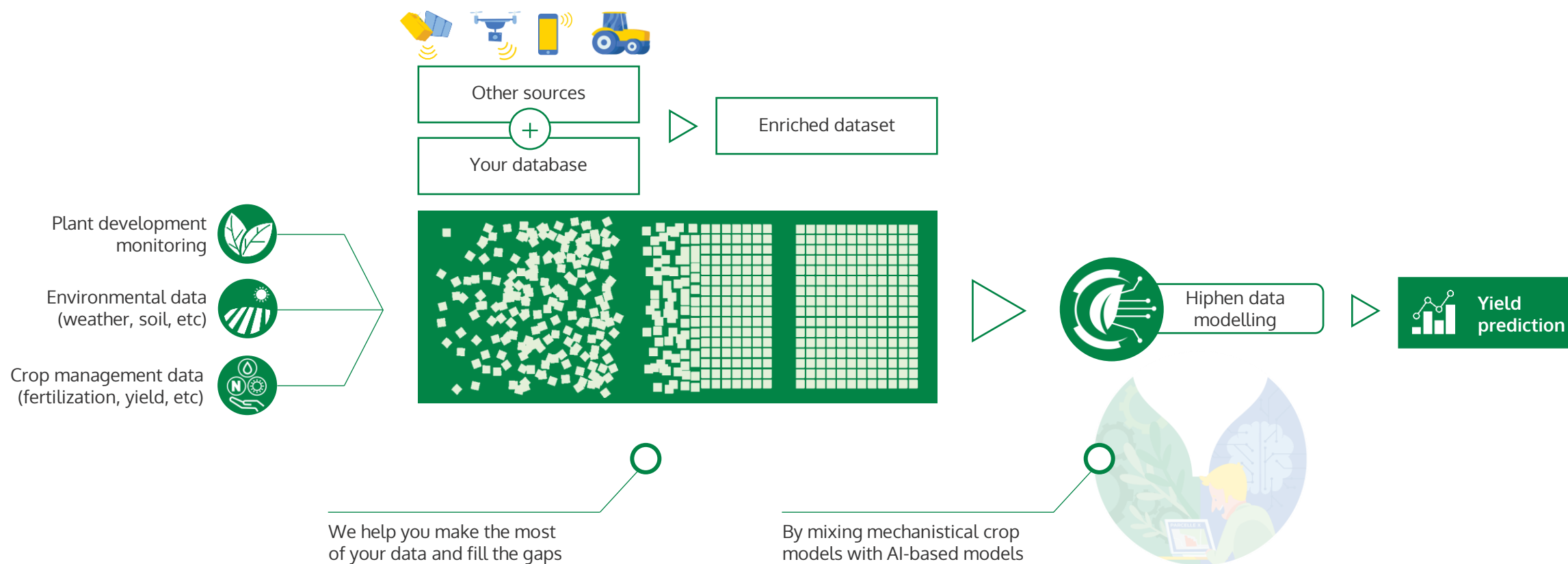


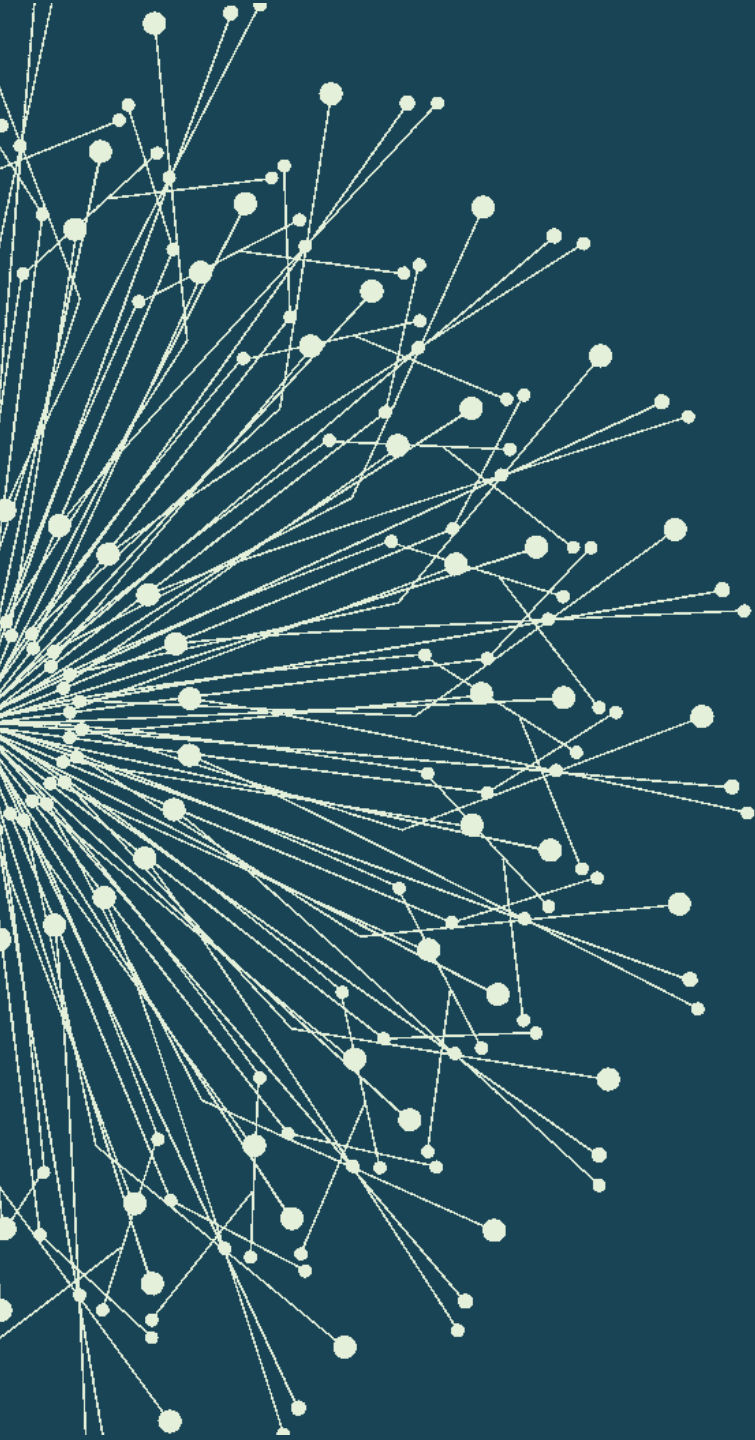
Benoît
Precision agriculture expert and CAPTE leader



CAPTE is a scientific research unit dedicated to developing tools and methods for an efficient use of sensors and remote sensing in agriculture. You can consult the series of 40+ scientific papers we published since 2014 in our online archive here: <https://umt-capte.fr/publications/>

4 ENHANCING YOUR DATA FOR YIELD PREDICTION MODELLING





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