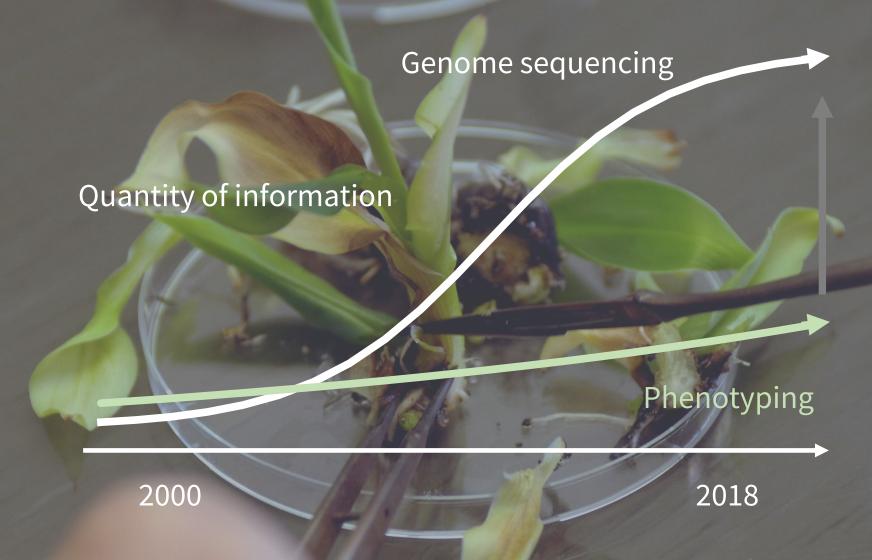
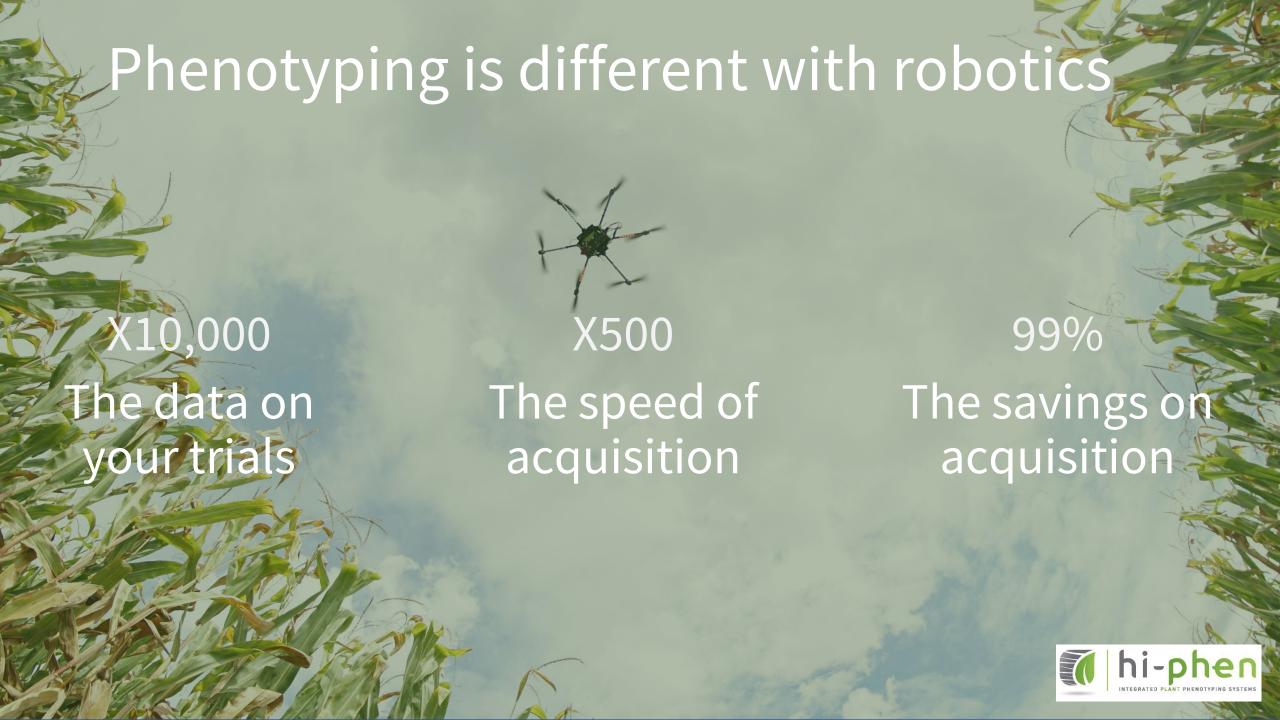


The bottleneck of plant breeding



Phenotyping did not progress as fast as genomics





Blue River Technology Computer Vision for Plant Acquired for €305 million Indigo Agriculture
Microbial Crop technology
Raised \$203 million

TRADITIONAL BREEDERS ARE ALREADY BEING CHALLENGED

Alphabet X (Google)
Artificial Intelligence

FarmBeats (Microsoft)
IoT Platform



You are only three steps away

Data Acquisition

Get Tb of data

about your field

Data Science

Transform your data in traits and variables

Crop Science

Link genotype and phenotype



Ready to scan your trials? Enjoy Hiphen's outstanding crop traits and variables

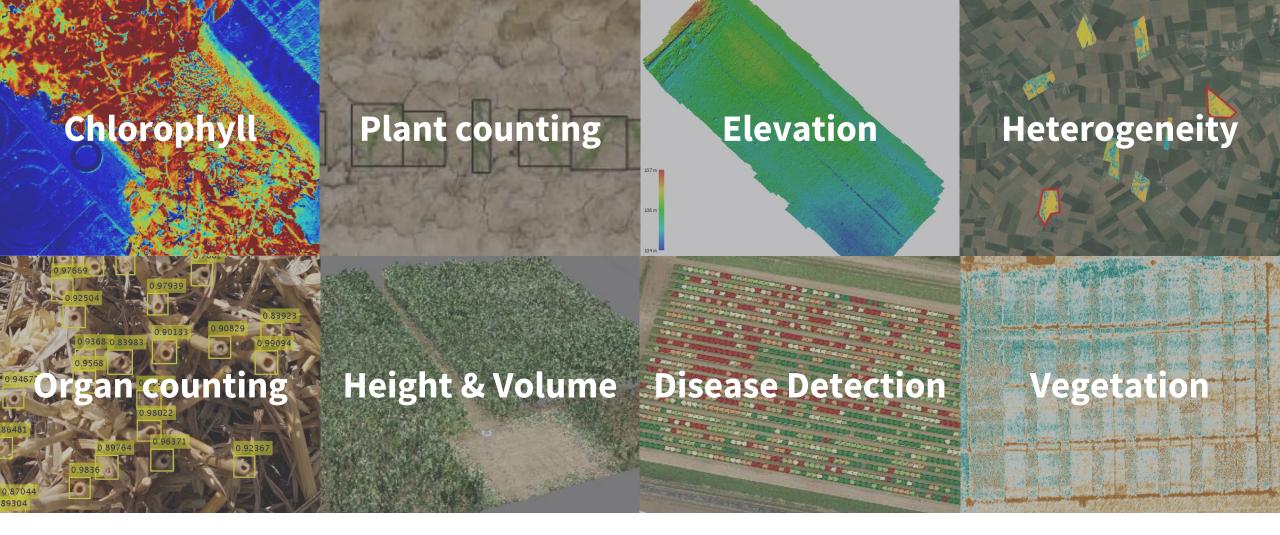
Flexible Data Acquisition Powerful analysis Airphen Cloverfield Agisoft plugin Other sensors Designed for phenotyping Get reliable data Easy integration Phenotyping as a Service 6 high-res spectral band RGB high-res Data storage and fusion Radiometric calibration Flexible focal length Thermal camera Most advanced models Geometric corrections Fully synchronizable (including Machine learning LIDAR Basic spectral indices Double-swath Hyperspectral radiometer and Deep Learning) Sentinel-2 Etc...



The right vector for your challenges

Systems at all spatial and temporal resolutions





A small taste of our skills

Advanced Algorithms: Model inversion to deep learning

Quality insured by our experts



#DataScience



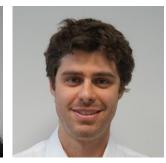
#IoT



#Software



#Algorithms



#Operations



#Datafusion



#Sensors



#Vision









Alexis Comar CEO @Hiphen Phd + HEC





Benoit de Solan Expert @Arvalis





Already four year of track records



























Testimonials







Let's solve your challenges!

Standard	Advanced	Expert
Vegetation indices orthoimages Reflectance orthoimages Dense Cloud Digital Elevation Model	Vegetation height Plant counting Leaf Area index + Coverage Ratio Average Leaf Angle Fraction of intercepted radiation	Development of operational methods for new traits and variables, with scientific validation. Ex: Organs counting, disease quantification
Airphen plugin for Agisoft-Photoscan	Cloverfield Cloud platform	Cloverfield Cloud platform + Hiphen expertise
Airphen	Airphen	Airphen + RGB, thermal, LIDAR
Handheld device Field IoT system UAV	Handheld device Field IoT system UAV	Phenomobile Satellite imagery + all from advanced



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