

ULTRASONIC PLANT HEIGHT SYSTEM

FOR HIGH-THROUGHPUT
PLANT PHENOTYPING

A low-cost open-source phenotyping tool

Supported by:



OpenPlant



SynBio SRI

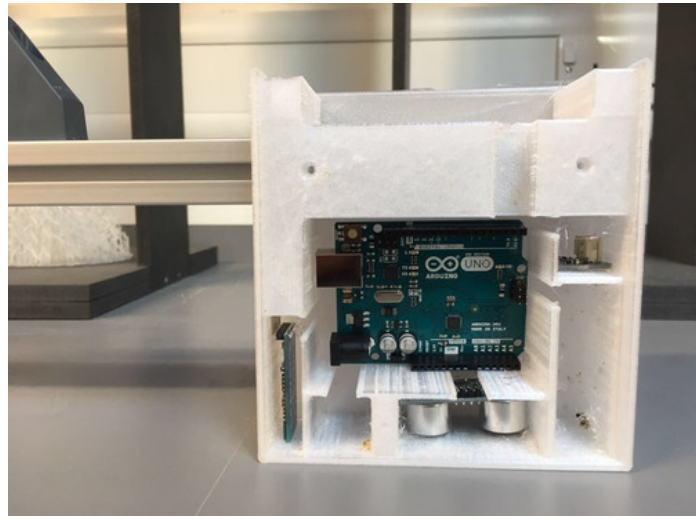


Feasibility study

The Ultrasonic Plant Height System (UPHS)
can assist plant physiologists around the
world thanks to the capability of shipping as
a kit and the low cost.

Technical feasibility

The Ultrasonic Plant Height System (UPHS) has undergone several tests and provides accurate measurements



Financial feasibility

The most difficult part of the development of an Open Hardware product is finding funding but this has been solved thanks to the financial support of Biomaker Challenge. Furthermore, investors have expressed interest in funding our product.



Legal feasibility

Our Business Model is an Open Hardware with a Kit Supplier. This reduces the legal issues compared with normal patents, and speeds up the process of being commercially available. Our clients will have the legal and technical ability to alter and improve our product.



Operational feasibility

Simplistic, handheld and portable design

