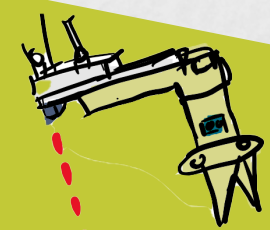


AUTO PLANT 2

Revolutionizing forest regeneration by applying AI in plantation.



Automatically find suitable planting spots



No manual operation required to complete the plantation



ROS

ARM

4DOF, Driven by one DC motor and three electronic cylinders. Angle sensor at each joint.

CONTROL

ROS framework running on a Nvidia Jetson micro controller. Arduino as a node to control actuators & receive sensor data.



VISION

Zed 3D camera taking pictures. Trained neural network to process photo, locate ideal plantation spot & obstacles.

