



POR FESR
2014 2020
Friuli Venezia Giulia

OPPORTUNITY FOR SUSTAINABLE GROWTH



REGIONE AUTONOMA
FRIULI VENEZIA GIULIA

POR FESR 2014-2020 **Attività 1.3.a**

***New intelligent machines and systems for
treatment on foliar apparatus, irrigation and sowing***

Beneficiary

MaterMacc

an ARBOS Company

Project location

**SAN VITO AL TAGLIAMENTO (PN)
REGIONE AUTONOMA FRIULI VENEZIA GIULIA, ITALIA**

Total duration of the project

21 months

Start 28 June 2018 - End 27 March 2020

Total cost amount

1.345.819,53 euro

Amount of allowable financial contribution

368.303,89 euro

Project description

Research and development of agricultural machines equipped with new visual sensors able to detect the position of the foliar apparatus, elements of mechatronics and technologies for distribute geolocalized liquid treatments, irrigation and sowing

Goals

- ✓ Design of a visual sensor for detecting leaves and branches
- ✓ Develop new E/E system to collect data form visual sensor
- ✓ Collect and view data on Android platforms
- ✓ Manage agricultural data with precision farming procedures

Results

- ✓ Development of new machines for treatment with low environmental impact
- ✓ Replacement of old equipment with efficient equipment
- ✓ Increasing sales turnover of the company