BioBoost
Accelerating biobased horticulture

Packaging, food ingredients and agricultural products from cereal, olive, potato and tomato waste

Crop	Wheat *Triticum aestivum* Tomato *Solanum lycopersicum L.* Potato *Solanum tuberosum* Barley *Hordeum vulgare L.*
Croppart	Roots / Tubers Leaf Fruit Seed Stem
Application area	Food & feed Materials Fine chemicals
Status	Start-up stage

Description

The AgriMax project establishes the technical and economic viability of bio-refining processes on crop and food waste to deliver new bio-compounds for the chemical, food, packaging and agriculture (e.g. fertilisers) industries.

The project develops flexible and affordable processing technologies, including extraction (ultrasound assisted and solvent), filtration, thermal and enzymatic treatments that can be used in a cooperative approach by local stakeholders.

Pros and cons

- Circular economy
- Upgrading of residual flows
- Creating sustainable chemicals

Used conversion methods

Mechanical-Physical processes

Extraction

Biochemical processes

Enzymatic conversion

Resources

http://agrimax-project.eu/#overview Initiative website