

## 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
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### Used conversion methods

#### Mechanical-Physical processes

Extraction

#### Biochemical processes

Enzymatic conversion

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## Resources

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