

# Biomassstep

## Development and transfer of an innovative technology (NIR - Near-Infrared Spectroscopy) for a fast and economic analysis of the native biomass from the cross-border area.



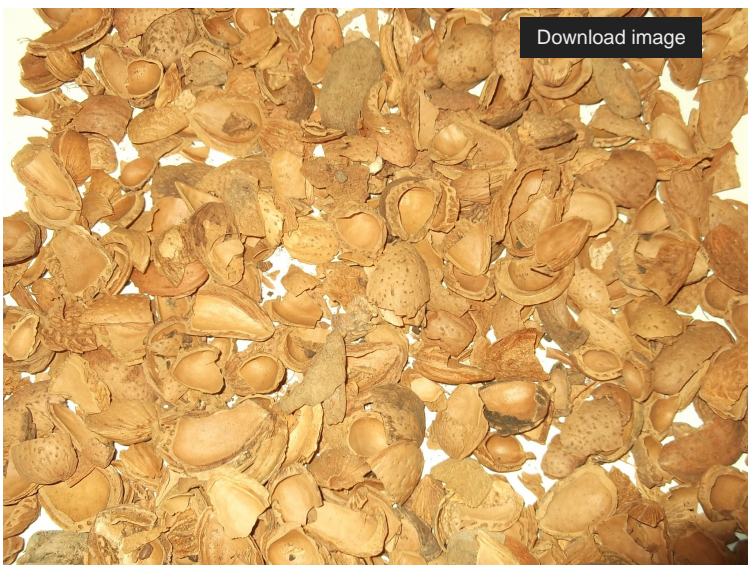
The University of Cordoba (UCO), Technological Corporation of Andalusia (CTA), the Andalusian Energy Agency and Prodetur, in collaboration with the Spanish Renewable Energy Association (APPA) and four portuguese entities, participate in the European Project Biomassstep, funded by the

European Commission as part of the cross-border cooperation programme Interreg Poctep 2014-2020.

**Biomassstep** [ <https://twitter.com/biomassstep> ] has a budget over 600.000 euros and a duration of two and a half years. This EU Project aims to **develop and transfer an innovative technology** (NIR - *Near-Infrared Spectroscopy*) to bioenergetic companies, for a fast and economic analysis of the native biomass from the cross-border area.

This project was approved in 2017 and is led by the University of Cordoba.

## Biomass Quality Measurement



Through the characterization by native biomass official methodologies, Biomassstep pretends to implement the optimization and development of a quick analytic methodology, clean and innovative, based in the **NIR technology**, to predict the quality standards of these sub-products.

Additionally, it has the objective of transferring a developed tool to boost the innovative capacity of energy companies, to commercially exploit the research results and to generate added value.

Ultimately, this programme has the objective of creating a cross-border network between research centers, universities, public administrations and enterprises to Foster the use of quality biomass.

## Partners

- Universidad de Córdoba (UCO) [ <http://www.uco.es/> ]
- Corporación Tecnológica de Andalucía (CTA)
- Agencia Andaluza de la Energía [ <https://www.agenciaandaluzadelaenergia.es/> ]
- Prodetur [ <http://www.prodetur.es/> ]
- Asociación de Productores de Energía Renovable (APPA) [ <http://www.appa.es/> ]
- Universidade de Évora [ <http://www.uevora.pt/> ]
- AreanaTejo (Agência Regional de Energia e Ambiente do Norte Alentejano e Tejo) [ <http://www.areanatejo.pt/> ]
- LNEG (Laboratorio Nacional de Energia e Geologia) [ <http://www.lneg.pt/> ]
- AREAL (Agência Regional de Energia e Ambiente do Algarve) [ <http://www.areal-energia.pt/> ]

## Budget and deadlines

Budget: 600.000€

Deadlines: 2,5 years

## Links - more info

- BioMassTep website: <https://www.biomassstep.es/> [ <https://www.biomassstep.es/> ]