

Extracting functional proteins from salad industry discards

Madrid, 5th September, 2016

The EU28 imports 77% of the protein it requires for food and feed. This represents an important vulnerability for its economy, risking self-sufficiency and food security. Additionally, reducing food waste is a top issue in the EU, representing losses of €442/ton of produced food material, plus environmental and ethical problems in EU.

GreenProtein is a new European project which aims at a major innovation in these two fields (protein production and food loss reduction in EU) by producing high-added value, food-grade functional proteins and other ingredients, out of vegetable residues from salad processing.

The general objective of the GreenProtein project, that will gather 9 different European partners during 4,5 years, is to establish a demo plant for the extraction and purification of functional RuBisCo protein isolate at industrial scale. GreenProtein will demonstrate the technical and economic feasibility of the revalorisation of green residues from existing agroindustry.

The demo plant that will be placed into a marine container will be ready to be "plugged" to a vegetable industry production line, an easily replicable system with a high spreading projection in the whole EU.

Project data

- **Acronym:** GreenProtein
- **Project title:** Revalorisation of vegetable processing industry remnants into high-value functional proteins and other food ingredients.
- **Call:** Bio Based Industries Joint Undertaking . VC3. D5-2015 - Valorisation of agricultural residues and side streams from the agro-food industry -LINK-
- **Grant Agreement Number:** 720728
- **Consortium:** Nine partners from 5 different countries. Provalor B.V. (NL) – coordinator-, TNO (NL), Florette France GMS (FR), Ruitenber Ingredients B.V. (NL), Bionet Engineering (ES), INRA (FR), Eurizon S.L. (ES), Pazmany Peter Catholic University (HU), Union Nikola Tesla - Faculty of Business and Industrial Management (RS)
- **Project leader:** Paulus Kusters, GreenProtein BV, Wageningen (NL)
- **Duration:** starting date 1st of September and it will last 4,5 years.
- **Budget:** 5.5 Million €

- **Logo:** The logo for GreenProtein features a stylized green leaf icon to the left of the text "GreenProtein". "Green" is in green and "Protein" is in orange.

For further details, contact: maya.hernando@eurizon.es / +34912908084

END

###