

# BBI JU SKATEHOLDERS FORUM

IRENE PAREDES | CO-CEO  
INNOVARUM  
irene.paredes@innovarum.es

BBI JU PROJECTS DAY  
3 DECEMBER 2019



Valorisation of vegetable processing industry remnants into  
high-value functional proteins and other food ingredients

Grant Agreement Number: 720728




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1. Introduction: the GreenProtein Project
2. Specific goals, Work Packages and highlights of 2019
3. Quick review



# 1. INTRODUCTION:

The GreenProtein  
Project



“Valorisation of vegetable processing industry remnants into **high-value functional proteins** and other food ingredients.”



Currently, on Month 40 of the project, 74% of the project has passed.

Start date:

1 September 2016

54 MONTHS

End date:

28 February 2021

# GREENPROTEIN

GA: 720728

Call: Bio Based Industries Joint Undertaking. VC3. D5-2015

Overall budget:

€ 5.546.519,33

EU Contribution:

€ 4.227.361,37

Coordinated by:

**KONINKLIJKE COOPERATIE  
COSUN UA  
(THE NETHERLANDS)**

# Project Partners

GreenProtein project counts with **7 project partners** from **4 different countries in Europe**.

The Netherlands (NL), France (FR), Spain (ES) and Serbia (RS).

4 Private for profit organizations

2 Research Organizations

1 Higher or Secondary Education Establishment



# GREENPROTEIN PARTNERS- LOCATION IN EUROPE

7 PARTNERS  
4 EU COUNTRIES

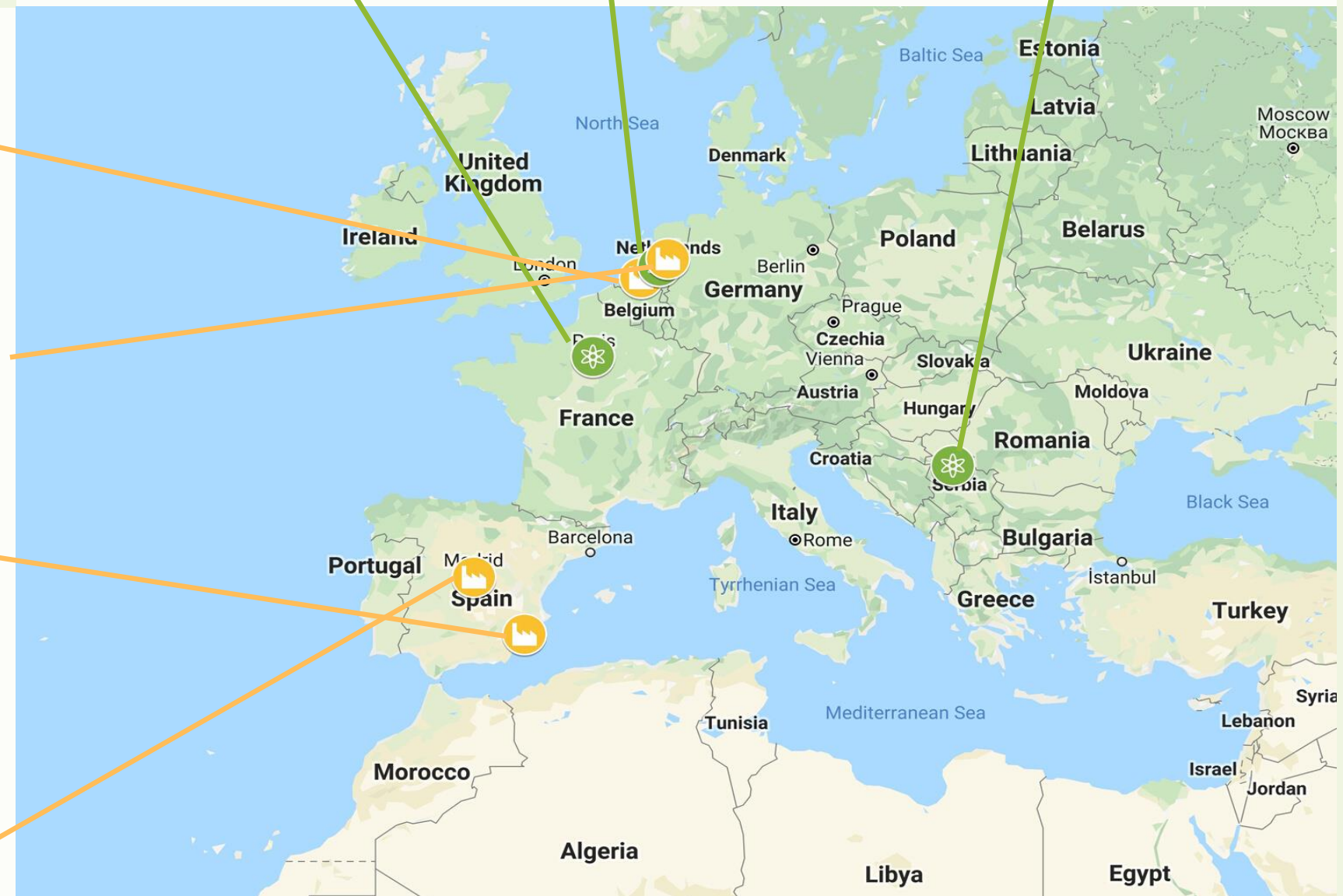
Project Coordinator: COSUN



Industry Partner



## Academia Partner





# 2.A LITTLE BIT MORE ABOUT THE PROJECT

SPECIFIC GOALS, WORK  
PACKAGES AND  
HIGHLIGHTS OF 2019



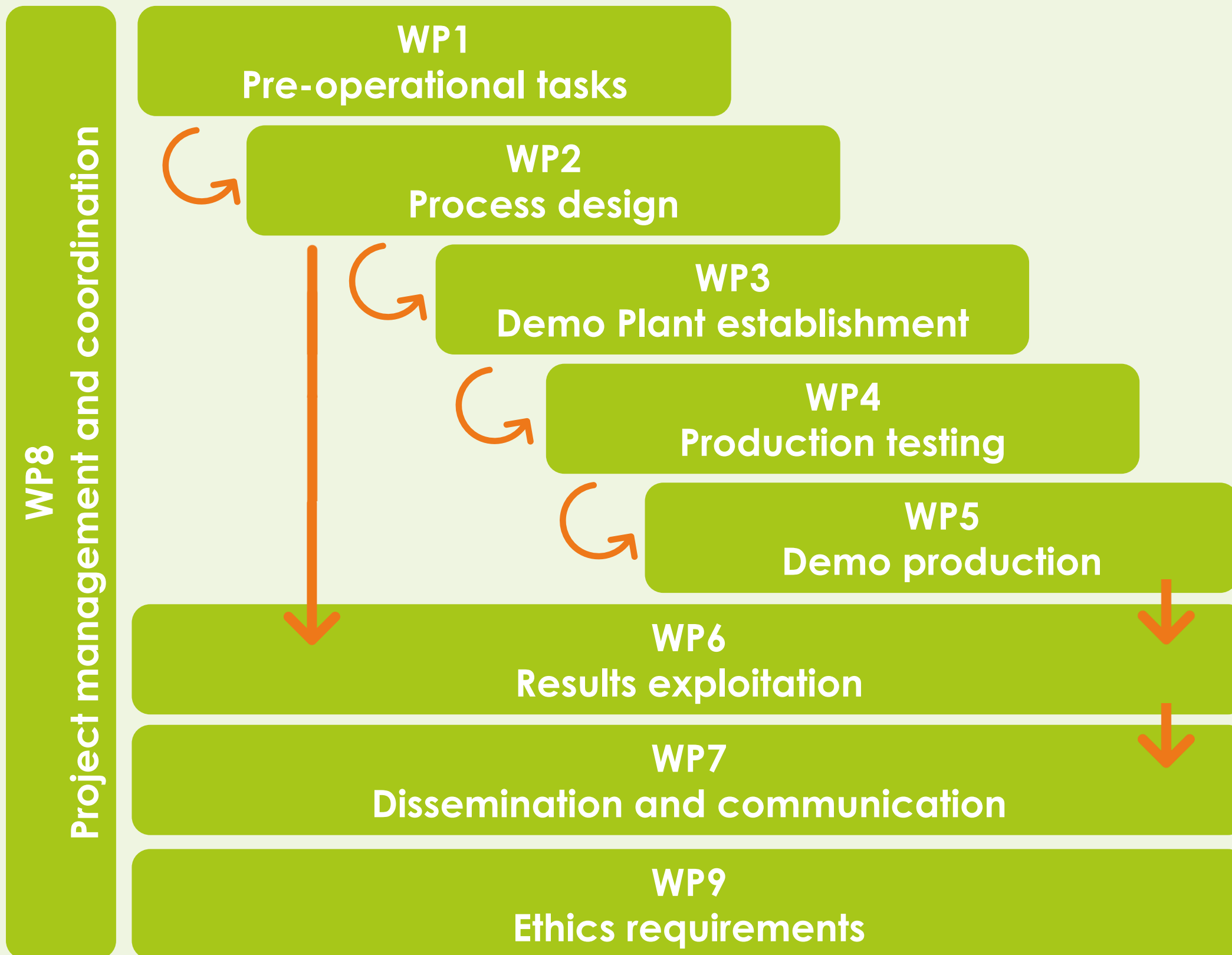
# Project Objective

## What is GreenProtein?

**GreenProtein** is an industrial demonstration project that aims to produce high-added value, food-grade proteins and other ingredients from vegetable food by-products.

## Primary objective

The primary objective will be to extract and purify food-grade, fully functioning, **RUBISCO protein** on an industrial scale using greenfield waste.



# Work Packages

The project workload is divided in 9 Work Packages.

# 2019 Highlights: GreenProtein GA

9-10/10/2019



# 2019 Highlights

## Opening: GreenProtein DEMO Plant

10/10/2019



# About the DEMO Plant



## Plant activity

Extraction and purification of functional RuBisCo protein isolate from sugar beets leaves.



## Installed production capacity

1,5 Ton leaves/hr  
(with 1-2% RUBISCO in the leaves).



## Commercialisation

**Expectations:** First product on the market for sale in 2 to 3 years.  
**Next steps:** build a large-scale plant & FSA.



Closer to our final goal: demonstrate the technical and economic feasibility of the revalorisation of green residues from existing agroindustry.



# 3. A QUICK REVIEW CURRENT SITUATION



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**THANK YOU!**

If you have any questions,  
do not hesitate to contact  
us.

Mailing Address

Irene.paredes@innovarum.es

Phone Number

(+34) 912 908 084

