



# ENVIRONMENTAL IMPACT OF PEA PRODUCTS



## A FIRST STUDY OF ITS KIND IN EUROPE



We are facing new challenges in the food sector: customers want cost-effective, healthy diets with less environmental impact. The yellow pea has both functional and sustainable benefits, while also meeting the nutritional requirements of the customer. It is an essential plant-based raw material in this transition towards healthier and more sustainable food options.

COSUCRA, the Emsland Group, and Roquette support sustainable food value chains and are committed to the United Nations Sustainable Development Goals.

For measuring the environmental impact of yellow pea ingredients from wet processing, COSUCRA, the Emsland Group, and Roquette performed a Life Cycle Analysis in 2022, based on an EU methodology and "Product Category Rules for Starch Industry Products Version 2.1."



## CARBON FOOTPRINT FROM CRADLE TO GATE

### An initiative from the European pea industry

COSUCRA, the EMSLAND GROUP and ROQUETTE represent the entire EU production of yellow pea ingredients using a wet process.

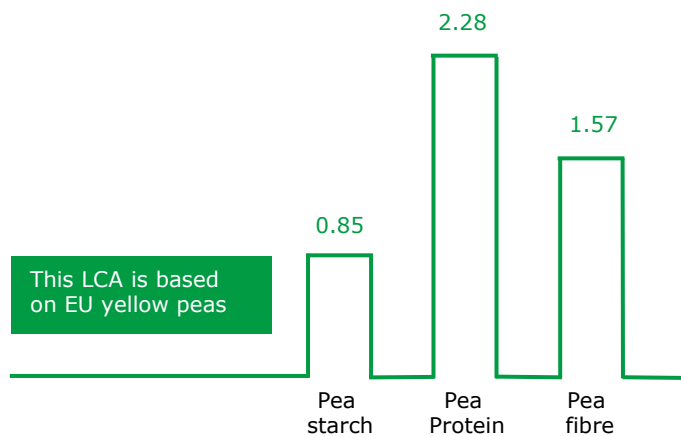
### A robust methodology

In accordance with ISO 14040 and 14044, and based on the EU Product Environmental Footprint (PEF) method with defined product category rules and a mass allocation.

### Supported by an independent expert

Data collected by VITO, a well-established research organization.

Carbon footprint of 1kg ingredient (dry matter) in kg CO<sub>2</sub>eq.  
Reference year: 2019



This LCA is based on EU yellow peas



Meet us on



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