

# Three EIP projects on legumes

## The projects are focussed on legumes

- RISE - Research Institutes of Sweden is the leader of all projects
- The projects have researchers, food companies and other stakeholders as active partners.
- The aim is to reach the market with new food products or ingredients for a domestic production of food based on Swedish origin.

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## **Give Peas a Chance**

- Cropping of peas for freezing/canning has decreased in Sweden, but the competence is still there.
- We aim for a continued cropping of peas but for other purposes, such as different protein types/mixtures for vegan/vegetarian products or ingredients in various foods.
- Cultivars, harvest time, processing technology, functional properties

# The general project design



Field trials



Biochemical  
analysis of  
proteins



Products



Market  
introduction

LCA of the production chain



Ärtodlar-  
föreningen



Europeiska jordbruksfonden för  
landsbygdsutveckling: Europa  
investerar i landsbygdsområden

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## **Fresh harvested faba beans for food development**

- Vegetable faba bean (beans that are harvested green) has no tradition in Sweden, but has an interesting potential for the farmers and food industry.
- We aim to develop 2-3 products based on the fresh, green faba bean either by extruding or by other more common methods.
- The food companies Atria AB, Toppfrys AB and the Swedish Legume Association are crucial partners. Project will be finished in early 2026.

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## **Megalegume – dry faba beans and lupines for food development**

- Production of dry crude flour or other milled/crushed products from faba bean (*Vicia faba minor*) and lupines (*Lupinus angustifolius*, *L. luteus*).
- Mainly focus on product development based on some common cultivars of faba beans and lupines.
- The project involves food companies producing tempeh, flour mixtures and ready to eat foods.
- The project ends in late 2019.

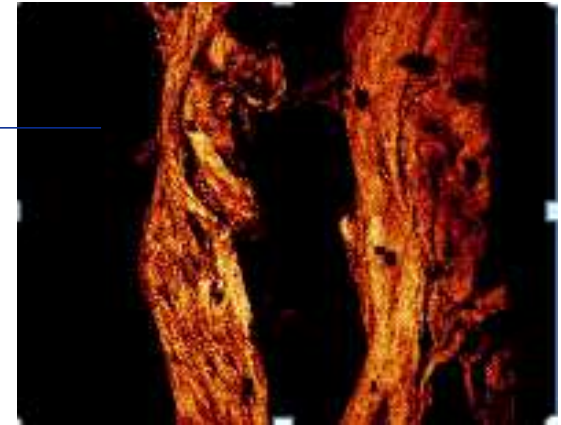
# Some suggested products

- **Extruded food**

Meat replacement  
snacks  
cereals



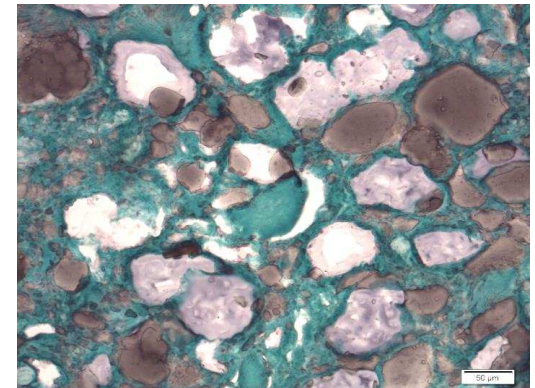
Strukturerat protein erhålet via extrudering



Pea protein

- **Other products**

sausages  
paté





# Contact us!

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