

# Plant proteins

## Functional and nutritional benefits

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### Potential of plant proteins for ingredient and product development

This project explores techniques to produce protein rich ingredients in cost-effective and time efficient ways. Processing techniques will be evaluated to further improve protein performance. We will look at how plant protein ingredients can be developed to optimise their nutritional value and technical performance, and also investigate consumers' expectations and insights of plant proteins.

### Approaches

- Investigate the drivers behind consumer demand for plant proteins
- Investigate various plant protein sources, review current and novel plant protein sources and compare the characteristics of plant proteins currently on the market with animal and soy proteins
- Produce protein-rich ingredients using novel plant protein sources from single sources and blends
- Evaluate the performance of protein ingredients in various products

