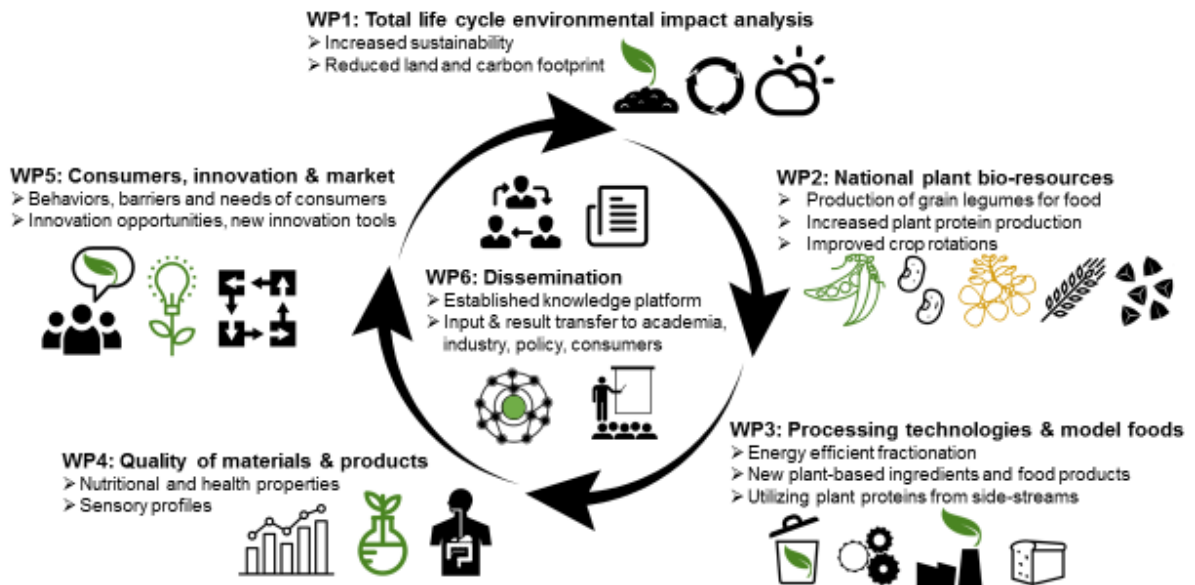


**New project:**

**Innovative and Sustainable Exploitation of Plant Proteins in Future Foods**

**Innovativ og bærekraftig utnyttelse av planteprotein i fremtidens matprodukter**



**Vision:** Increased production and utilization of plant protein bioresources in food products leads to a desirable shift to more plant based diets with a positive environmental impact, improved sustainable food choice for consumers, and value creation in the circular bioeconomy.

**Main activities are:**

- > Production of grain legumes and high protein crops
- > Energy efficient fractionation
- > New plant-based ingredients and food products
- > Nutritional and health properties
- > Sensory profiles
- > Consumer behaviors, barriers and needs
- > Innovation opportunities, new innovation tools
- > Increased sustainability
- > Reduced land and carbon footprint

The project shall contribute with knowledge to achieve the national goals of increased food production equivalent to population increase, sustainable food production and diet, human nutrition and health, innovation and value creating in the Norwegian value chains, increased diversity of healthy, tasty and attractive products which make shift towards increased use of proteins from plants possible. The project will also contribute with knowledge that are important for achieve UNs Development Goals (FN's bærekraftsmål)



Master students are welcome to take part through master thesis within the topics of the project. The master work can be linked to production of plant proteins in Norway, quality assessments of the raw materials, both nutritional and processing quality assessments, processing and product development, as well as environmental impact analyses.

Contact persons: Anne Kjersti Uhlen, [anne.uhlen@nmbu.no](mailto:anne.uhlen@nmbu.no)

Anne-Berit Wold, [anne-berit.wold@nmbu.no](mailto:anne-berit.wold@nmbu.no)