



HORIZON4PROTEINS



NEXTGEN
PROTEINS



smart protein

SUSINCHAIN
SUSTAINABLE INSECT CHAIN

HORIZON4PROTEINS Webinar Series – December 13. 2021

Safety & Regulatory of Novel Proteins

Birgir Smarason

NextGenProteins Coordinator



The Protein Challenge

- Access to high quality, sustainably produced proteins is becoming increasingly restricted
 - Growing world population
 - Increased pressure on natural resources
 - Climate change
- Global protein demand has never been higher
- EU is not self-sufficient when it comes to protein production
- Current protein production needs to double by 2050
- LC-SFS-17-2019: Alternative proteins for food and feed



SUSINCHAIN
SUSTAINABLE INSECT CHAIN

SUStainable INsect CHAIN (SUSINCHAIN) aims to contribute to novel protein provision for feed and food in Europe by overcoming the remaining barriers for increasing the economic viability of the insect value chain and opening markets by combining forces in a comprehensive multi-actor consortium.

[Read More](#)





About ProFuture

ProFuture is a European-funded Horizon 2020 research project aiming to scale up microalgae production and prepare the market uptake of microalgae proteins as ingredients for innovative and sustainable food and feed products.

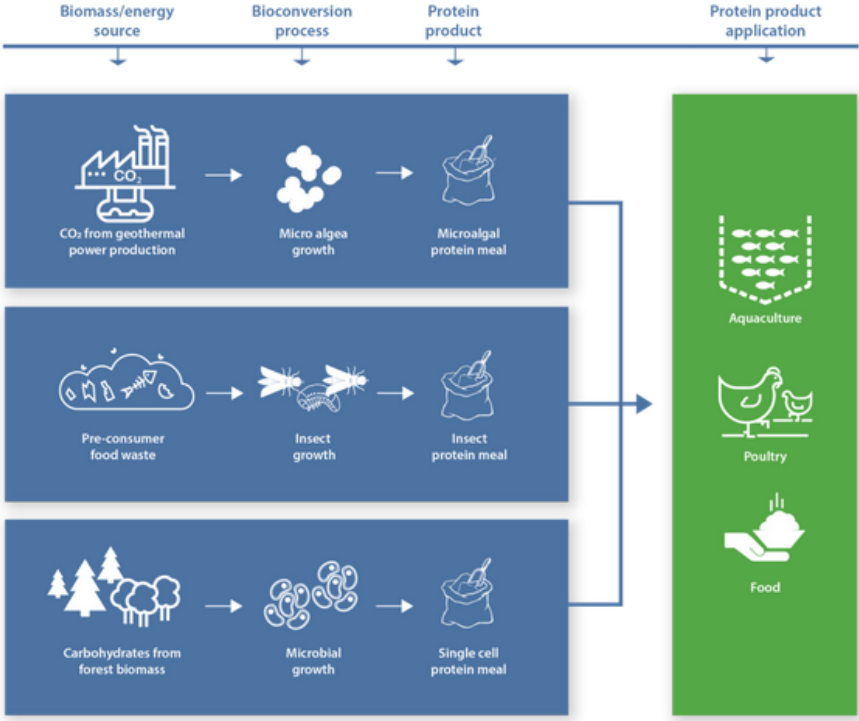


The next generation of smart protein food

The Smart Protein project is aiming to develop alternative protein ingredients and products for humans which have a positive impact on bio-economy, environment, biodiversity, nutrition, food security and consumer trust and acceptance.

Nutritive, sustainable, innovative and trustworthy EU-produced protein alternatives are needed more than ever due to the increased demand for protein sources and the need for more resource-efficient production.

NextGenProteins will optimise and validate, in an industrially relevant environment, the production of proteins from microalgae, single cells and insects and demonstrate their suitability as addition to, or substitute of, traditional protein sources in food and feed value chains.





Impact

- The projects are a part of a revolution in meeting the world's protein demand in a sustainable way
 - Increase the availability of high-quality alternative proteins from underutilized resources
 - Increase consumer trust and acceptability
 - Promote market adoption
- Long term, impact the food sector by providing credible sustainable alternative proteins for use in various food and feed products





HORIZON4PROTEINS

Safety & Regulatory of novel protein Sources

December 13th 2021
10:00-11:00 CET

Webinar

Registration over Zoom

AGENDA

- Introduction
 - **Birgir Örn Smárason**
- Regulatory challenges of alternative proteins
 - **Prof. Sveinn Agnarsson**
- Chemical safety of insects
 - **Prof. Ine van der Fels-Klerx**
- Q&A

Agenda:

- 10:00 – 10:10 | **Introduction** - Birgir Örn Smárason ([NextGenProteins](#))
- 10:10 – 10:30 | **Regulatory challenges of alternative proteins** - Prof. Sveinn Agnarsson ([NextGenProteins](#))
- 10:30 – 10:50 | **Chemical safety of insects** - Prof. Ine van der Fels-Klerx ([SUSINCHAIN](#))
- 10:50 – 11:00 | **Q&A** - Discussion around prioritised questions posed by the audience

Speakers:



Prof. Ine van der Fels-Klerx
Expertise group leader Agrochains, Special professor Food Safety Economics, Department of Business Economics, Wageningen University



Prof. Sveinn Agnarsson
Professor of economics at the Faculty of Business Administration, University of Iceland. He holds a PhD in economics from the University of Gothenburg and a BA in history from the University of Iceland. His research deals primarily with fisheries and resource utilisation and he has taken part in several international projects in that area.

