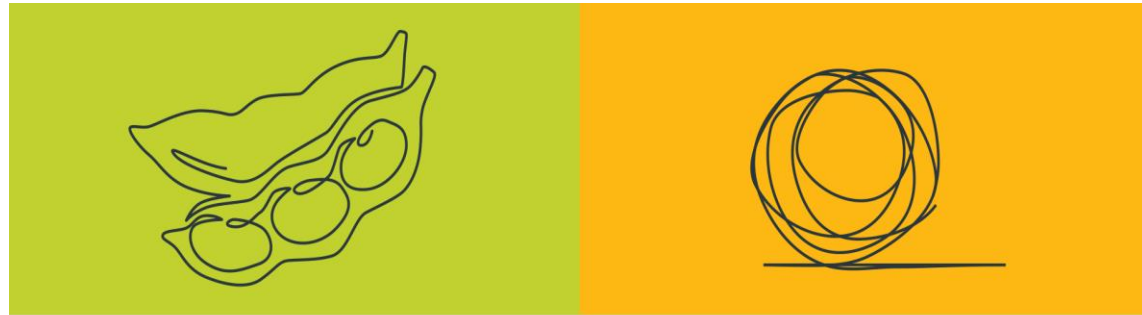
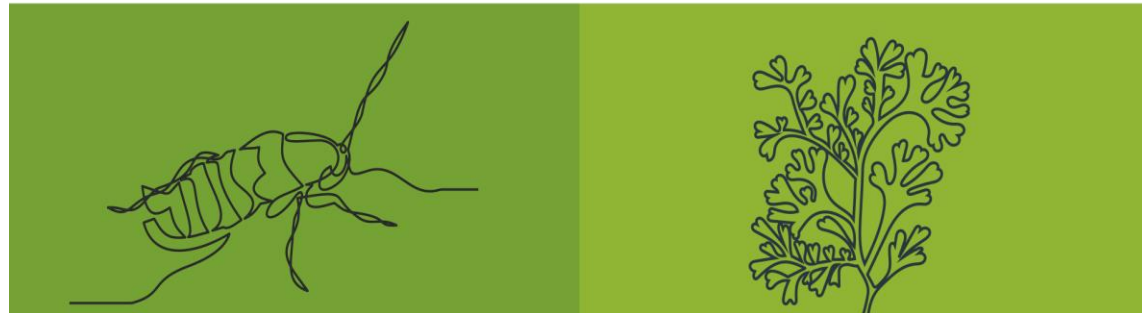


Horizon4Proteins webinar

Sustainability of Alternative Proteins



HORIZON4PROTEINS



22 September 2022 | 15-16 CEST

Massimo Castellari
ProFuture Coordinator

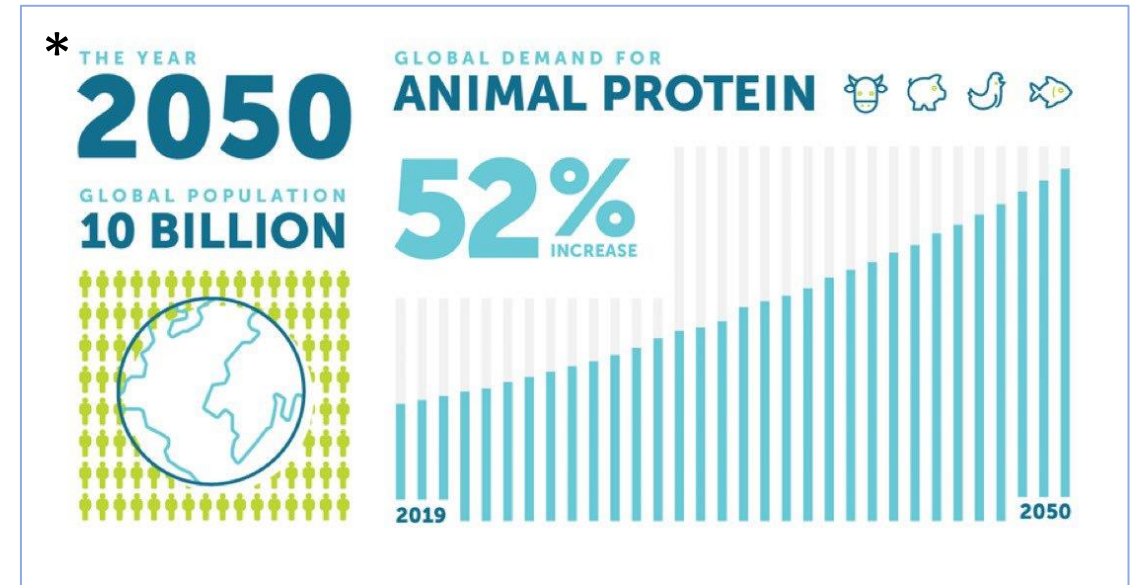
NEXTGEN
PROTEINS



A global challenge

- Current protein production needs to increase because of the
 - Growing world population
 - Climate change & pressure on natural resources

..this increase is not sustainable if based only on conventional (animal) sources



In 2019 the EU Commission funded four Research Projects focused on
Alternative proteins for food and feed (LC-SFS-17-2019)



<https://nextgenproteins.eu/>



<https://www.pro-future.eu/>



<https://smartproteinproject.eu/>



<https://susinchain.eu/>

These projects share the same objective:

increase the availability of high-quality alternative proteins from **plants, insects, microalgae, microorganisms and other underutilized resources** for food and feed applications



With the support of the 4 “sister projects”, the **HORIZON4PROTEIN** cluster was created to share information and organize joint dissemination activities

<https://www.youtube.com/watch?v=vzmnWAQh2Fg>

Agenda

- 15:00 | **Introduction**
Massimo Castellari
- 15:10 | **Optimization of environmental impact of insect protein chains**
Sergiy M. Smetana
- 15:30 | **Circular economy perspective of alternative proteins**
Hafthor Ægir Sigurjonsson
- 15:50 | **Q&A session**

Moderator

Massimo Castellari



Ph.D. in Biotechnology,
more than 30 years of
experience in Food Science &
Technology research

Senior Researcher
Institute of Agrifood Research &
Technology (**IRTA**) - Spain

Speakers

Sergiy M. Smetana



Ph.D. LCA/Sustainability Expert

Head of Food Data Group
German Institute of Food
Technologies (**DIL**) - Germany

Speakers

Hafþór Ægir Sigurjónsson



Ph.D. in engineering
extensive sustainability,
environmental and climate change
academic and industry background

Head of Sustainability
KPMG - **Iceland**