

**2-3.12.2025**

**Rome**

# EU FOOD SAFETY FORUM

**Supporting the Food Safety Systems  
of the future**

**2-3.12.2025**

**Rome**



# nextProtein

*Paving the way of a new industrial era*

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## VISION

Pioneering the next frontier of insect farming, natively converting food waste into high-value nutritional products, while addressing several UN SDG

## AMBITION

Become a leading provider of insect-based nutritional solutions through an end-to-end circular production process



## VALUE PROPOSITION

Produce a range of high-value products targeting multiple end-markets: plant nutrition, feed, pet food

nextProtein is best positioned to benefit from financial upside resulting from further favourable regulation tailwinds, on the back



Unique ability to **manage a large variety of feedstocks**

of



Ongoing **R&D and Methods projects**



Advanced **discussions** with organic **waste retail** players

## Two operational sites with 10.6kt<sup>(1)</sup> production capacity by 2026



nextProtein operates a 4,000sqm<sup>(2)</sup> industrial plant in Grombalia, Tunisia



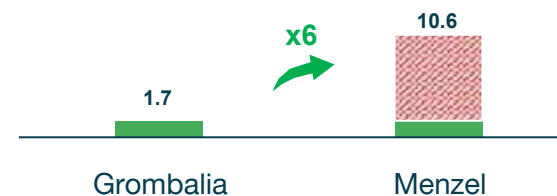
**2<sup>nd</sup> site in Menzel**, Tunisia, that will allow to reach **10.6kt production capacity** across the two sites by 2026



nextProtein's products and processes are compliant with **all EU standards**

## Entering new stage of growth with significant increase in production capacity

Installed production capacity evolution (in kt)



- ✓ Authorisations **obtained**
- ✓ Sourcing **secured**
- ✓ LOI & off-takes **signed**



## Addressing major sustainability challenges in food and feed sectors, in Europe and beyond

- 01 Protein GAP**  
10bn world population by 2050 thereby increasing protein demand by 4 times
- 02 Food waste**  
One third of all food produced around the world is wasted
- 03 Pollution**  
22% of GHG emissions generated by the food system
- 04 Water scarcity**  
70% of water used for agriculture
- 05 Wild fish shortage**  
2.6t wild fish meal to produce 1t of farmed salmon
- 06 Arable land loss**  
40% of arable land used for livestock



Thanks to their low natural resource consumption and waste-upcycling capacity, insects are the key enabler to tackle the world's most acute sustainability challenges



## Circularity AND quality at the heart of nextProtein's business model



Usage of **EU- authorised organic waste** for larval feed formulation



In 2019, nextProtein is the **first player worldwide** which obtained authorization to export its products to Europe (**EU TRACES systems**)



Since 2021, nextProtein is certified **GMP+ FSA**, a globally recognized system for ensuring compliance with strict quality and product safety standards

## Main challenges

### Regulatory & Quality Compliance

- need for new, consistent and uniform policies across all european countries
- novel feed and food



### Italian case regarding Insect protein in Poultry Nutrition

### Biological & Technical development

- need for adapted technologies
- looking for high rearing performances and steadiness at industrial scale

### Market Opportunities

- need for integrating highly competitive markets
- proof of performances (POC)

### Consumer reluctance

- no historical entomophagy practice in EU
- no historical use of insects derived products

## Mitigation through intensive R&D program & network

### BSF Biology

- Nutritional requirements
- Technical development
- Mass rearing
- Animal welfare



### Raw Materials

- Organic waste characterisation
- Feed formulation & Technical development



nextProtein  
feeding the future

### Product Development & Industrialization

- Products nutritional values
- Products quality
- New Products devpt
- Scale up



### Animal Trials

- Poultry / Soybean Substitution
- Laying hens
- Broilers
- Aquaculture / Fishmeal Substitution
- Tilapia
- Trout

TECHNA



CIPROMED  
"CIRCULAR AND INCLUSIVE UTILISATION OF ALTERNATIVE PROTEINS IN THE MEDITERRANEAN VALUE CHAIN"



### Bio-fertilization in Agriculture

- Ecocert Certification
- Lab Testing
- Field Trials
- Product Devpt

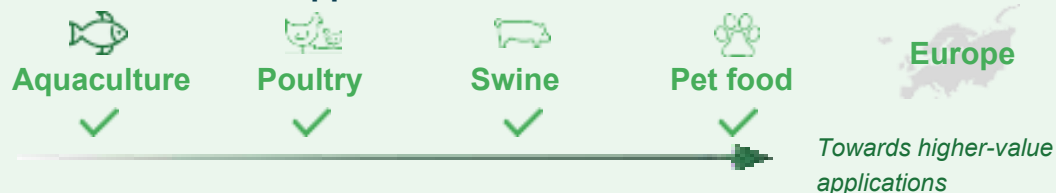


## Regulatory & Quality Compliance

- Participation to EU working groups
- supporting product safety by scientific data
- promoting regulation harmonization in EU



Insect-based protein received approval across various animal feed applications...



## Biological & Technical development

- Proper development **and** validation of processing units replicable for further international scale up through operational R&D
- 1 patented process for high value proteins



**FeedSolver**, an internally developed tool enabling automatic formulation of an optimal larval recipe based on the available feedstocks, despite its heterogeneity

## Market Opportunities



- high investments in POC studies
- partnership with qualified laboratories and companies
- nextProtein is **building trust** with major feed manufacturer through **evidence** on product **stability** and quality **compliance**

Open for collaborations

POC and applied R&D

Insect Oil & Frass markets



## Consumer reluctance

- **Consumer Education** and market engagement through **awareness campaigns**, demonstrating that insects are a **natural diet** for many species



**Focus groups and cross-country online survey** in EU to explore **attitudes and meanings** regarding alternative sources of proteins (insects, algae, plant-based) and generate qualitative data

-> Identifying levers to facilitate their adoption

Thank you!

**nextProtein**

*Join us on our mission to feeding the future*



<https://nextprotein.co/>



<https://fr.linkedin.com/company/nextprotein>