

Mycoprotein (Fungi-Based) Products

ANMD-MRS13-127 · Sustainable Food & Alternative Protein Technologies

A Global Sustainability Due Diligence & Market Research Study

History 2020–2024 · Base Year 2025 · Forecast 2025–2032 · Outlooks 2035 / 2040 / 2050 · Currency US\$

WHY THIS REPORT

Mycoprotein and fungi-based products turn fungal biomass into whole, nutritious protein — the filamentous-fungi mycoprotein, mycelium whole-cuts, fermented fungi ingredients and mushroom-protein blends that offer natural texture, fibre and clean labels. With a proven category leader and a wave of mycelium innovators, fungi-based protein combines whole-food appeal with fermentation scalability. This decision-grade study sizes the global market three ways — value, volume (tonnes/kg) and products/SKUs — across product type, production method and channel, across seven regions and four scenarios to 2032, with outlooks to 2050.

SUSTAINABILITY & SDG IMPACT — THE ANMD LENS

Sustainability is this report's backbone, not an afterthought. Fungi protein offers low land and water use, efficient conversion and clean-label whole-food nutrition.

Mapped Sustainable Development Goals:

SDG 2 Zero Hunger	SDG 3 Good Health & Well-being	SDG 12 Responsible Consumption & Production	SDG 13 Climate Action	SDG 15 Life on Land
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Measurable sustainability outcomes assessed:

- Low land- and water-use whole-food protein
- Efficient biomass conversion and clean-label nutrition
- Fermentation energy and feedstock footprint as a material risk
- Allergen labelling and novel-species regulation assessed

Framework alignment: Double materiality mapped to GRI, SASB, ISSB, TCFD, TNFD, CSRD and the EU Taxonomy, with greenwashing and SDG-washing screens applied throughout.

WHAT'S INSIDE AT A GLANCE

53 Chapters	9 Report Parts	7 Regions Covered	40+ Country Markets
2025–32 Forecast Horizon	4 Forward Scenarios	25+ Companies Profiled	5 SDGs Mapped

REPORT COVERAGE

Geographic scope: North America, Europe, Asia Pacific, Latin America, Africa, Middle East and Rest of World — with named country intelligence. Europe holds the category anchor; North America drives mycelium innovation; emerging players broaden supply; other regions assessed on their own merits.

- Whole-food fungal protein with natural fibre and texture
- Mycelium whole-cuts deliver meat-like structure with clean labels
- Proven incumbent plus a wave of mycelium innovators
- Fermentation footprint, allergen labelling and novel-species rules as risks

MARKET OVERVIEW

From meat substitute to whole-food fungal protein — where mycelium texture meets fermentation scalability.

Mycoprotein is a fast-growing, whole-food alt-protein segment. Demand is driven by clean-label and whole-food preference, natural meat-like texture, and strong protein-and-fibre nutrition across Europe, North America and emerging markets. The market is read three ways — value, volume and products/SKUs — and forecast under four scenarios, each region reported separately.

- **Europe holds the category anchor** — United Kingdom and the Netherlands, led by Quorn (Marlow Foods Ltd.) and ENOUGH with decades of mycoprotein production
- **North America drives mycelium innovation** — United States, with Nature's Fynd, Meati Foods, MyForest Foods and Prime Roots scaling whole-cut mycelium
- **Whole-food texture is the differentiator** — fungi's natural fibrous structure delivers meat-like texture with clean labels and strong nutrition
- **Production method segments the value** — submerged fermentation, solid-state/mycelium and mushroom-based, each with distinct texture and economics

REGIONAL OUTLOOK

Across seven reporting regions, the report separates leading markets from high-growth and emerging ones — each profiled in full rather than aggregated into Rest of World.

Region	Stage	Lead Country Markets & Drivers
Europe	Category anchor	UK, Netherlands — Quorn, ENOUGH mycoprotein scale
North America	Mycelium-innovation leader	United States — Nature's Fynd, Meati, MyForest, Prime Roots
Europe (emerging)	Whole-cut & ingredients	Sweden, Germany — Mycorena, Bosque, Infinite Roots
Asia Pacific	Emerging	Australia, Singapore — fungi-protein interest
Middle East	Emerging	Israel, UAE — alt-protein demand
Latin America	Frontier	Brazil — early adoption

KEY MARKET DRIVERS & RESTRAINTS

Drivers	Restraints
• Clean-label & whole-food preference • Natural meat-like texture & fibre • Strong protein & nutrition profile • Fermentation scalability • Sustainability & low-footprint appeal	• Fermentation capacity & scale-up cost • Consumer familiarity outside Europe • Allergen & sensory considerations • Capex of mycelium production • Regulatory novelty for new species

SEGMENTATION SNAPSHOT

By Product Type	Filamentous fungi mycoprotein · mycelium whole-cut · fermented fungi ingredients · mushroom-protein blends · mycoprotein powders
By Production Method	Submerged fermentation · solid-state / mycelium · mushroom-based
By Format	Whole-cut · ground / processed · ingredient
By End User	Food brands · manufacturers · retail · foodservice
By Business Model	Branded products · ingredient supply · licensing
By Channel	Retail / CPG · foodservice · ingredient / B2B

TECHNOLOGY & APPLICATION FINDINGS

Where the category is differentiating fastest — the technology and application fronts that separate leaders from followers:

- **Filamentous mycoprotein** — submerged fermentation yields the proven, fibrous mycoprotein base
- **Mycelium whole-cut** — solid-state mycelium growth produces natural whole-muscle texture
- **Fungi ingredients** — fermented fungi powders and blends extend protein into broader applications

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The full report is organised into nine parts across 53 chapters, listed below. Detailed sub-headings, country tables and directories are provided in the full report.

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Part II — Market Intelligence, Sizing, Forecasting and Segmentation

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COMPETITIVE & INVESTMENT SNAPSHOT

The competitive field spans the mycoprotein incumbent and a wave of mycelium innovators. Deal activity — capacity build-out, whole-cut launches and ingredient partnerships — signals a market scaling around fermentation capacity and whole-food texture.

Representative players profiled in the full report:

Quorn (Marlow Foods Ltd.) · Nature's Fynd · ENOUGH · MyForest Foods Co. · Meati Foods · Mycorena AB · Prime Roots, Inc. · and 20+ further profiled players.

Investment intelligence: venture, infrastructure, development, climate and blended finance, green bonds and sustainability-linked loans — culminating in a bankability assessment and a conditional investment view.

KEY QUESTIONS THIS REPORT ANSWERS

- How large is the global mycoprotein and fungi-based products market, and how fast will it grow to 2032?
- Which regions, countries and segments offer the strongest risk-adjusted opportunity?
- Which technologies and sources reshape the addressable market and the cost curve?
- Who leads, and where is the competitive and patent white space?
- Is the investment case bankable — and under what conditions?
- How does the category align with the SDGs, nutrition, food security and disclosure regulation?

WHY ANMD — THE DIFFERENCE

Most market studies stop at units and revenue. This report is built as a sustainability due diligence instrument — fusing market sizing with ESG, SDG, nutrition, climate, water and natural-capital intelligence and a decision-ready bankability view in a single architecture.

- **Triangulated sizing** — every market read three ways so value, volume (tonnes/kg) and the products/SKUs view reconcile rather than conflict.
- **Region-honest forecasting** — Latin America, Africa and the Middle East reported in full, never hidden inside Rest of World, every forecast resolved to the 2025 base year.
- **Integrated evidence base** — company, patent and project databases linked to the analysis, with published-filing patents and FTO treated as an indicator, not a legal conclusion.
- **No-fabrication discipline** — every estimate carries a data-confidence rating and disclosed sources; gaps are flagged for further diligence, never filled with invented numbers.
- **Anti-greenwashing rigour** — SDG-washing and greenwashing screens plus claim-substantiation checks built into the ESG and project analysis.
- **Decision-first structure** — 9 Parts and 53 Chapters culminating in stakeholder playbooks and a clear, conditional investment view.

WHO SHOULD BUY THIS REPORT

Food brands, manufacturers, ingredient suppliers, retailers, foodservice, investors and policymakers, and strategic corporate planners and decision-makers.

Access the Full Report

The complete report delivers all 53 chapters in full, with every sub-heading, country table, company and patent directory, forecast model and due diligence checklist.

Purchase at www.anewmarketdynamics.com · Standard & Premium licences · Single-Site (SSL) and Global-Site (GSL) options at checkout.

Want the Complete Detailed Table of Contents?

This prospectus lists the nine parts and 53 chapters. The complete detailed table of contents — every sub-heading, country table, exhibit, company and patent directory and annex — is available on request to registered users. To receive it, register with your official company email at www.anewmarketdynamics.com. The full detailed table of contents will be sent directly to your registered company email address.