





### Transforming the World of Food with Alternative Proteins

### Agenda

**The Growing Need for Protein Diversity** 

**Animal-Based Proteins** 

**Plant-Based Proteins** 

**Precision Fermentation** 

**Why Diversification Matters** 

**Making It Work** 

**Final Thought** 

# The Growing Need for Protein Diversity

Global protein demand to rise by 50% by 2050 (FAO)



# Diversification is essential to support:

- Food security
- Environmental sustainability
- Cultural adaptability





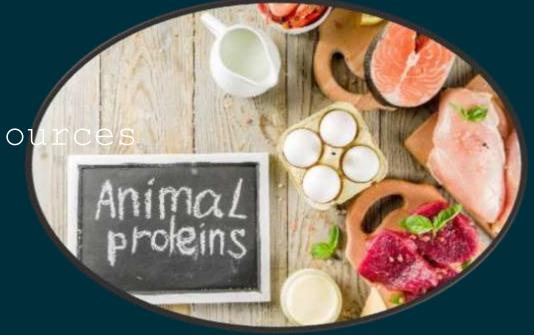
## **Animal-Based Proteins**

#### Most common & nutritionally complete

-Meat, dairy products, and fish the most widely consumed nutritionally complete protein so

#### Challenges:

- -Account for ~15% of global GHG emissions
- -Some studies showing relation with cardiovascular diseases\*



# **Plant-Based Proteins**



#### Gained popularity, then slowed due to:

- Over-processing
- Taste & nutrition concer

#### Current focus:

- clean-label
- better-tasting
- balanced products

# **Precision Fermentation**

Produces animal-free proteins (e.g. dairy, eggs, meat)

- Benefits:
- Innovation & reduced animal use
- Hurdles:
- High cost
- Regulatory evolution
- Consumer skepticism



# Why Diversification Matters



- Blended proteins enhance nutrition & taste
- Improves resource efficiency & land use
- Supports cultural food practices
- Fuels innovation & market

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# Making It Work



- Better taste and nutrition

- Ingredient transparency/ Hybrid protein solutions

- Local production

-Boosting R&D and partnerships

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## Let's Discuss

Let's shape the future of nutrition with science, creativity, and purpose.

"The future of protein isn't just plant-based, lab-grown, or meat but it's all of them working together."

A balanced approach benefits people, the planet, and business