

# Mo Farm Naturals – Resource & Capability Overview

## Organisation

Mo Farm Naturals Ltd  
Ireland  
Circular Bioeconomy SME

## Core Resources Available for Collaboration

### 1. Operational Demonstration Farm

Mo Farm operates a real-world organic gourmet mushroom production environment capable of supporting:

- Pilot demonstrations
- Circular bioeconomy validation
- Stakeholder visits
- Rural innovation case studies
- Demonstration activities
- Dissemination content creation

### 2. Applied Mycology Infrastructure

Current infrastructure and activities include:

- Gourmet mushroom cultivation systems
- Mycelium cultivation environments
- Circular substrate experimentation
- Biomass valorisation exploration
- Small-scale applied R&D activities

Species currently explored include gourmet and functional mushroom varieties.

### 3. Living Lab Capability

Mo Farm is being developed as a practical living lab environment where sustainable bioeconomy concepts can be:

- Demonstrated
- Validated
- Tested under real-world conditions
- Communicated to stakeholders
- Integrated into rural systems

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## Areas of Interest

Mo Farm Naturals is particularly interested in collaboration within:

- Horizon Europe
- Circular Bio-based Europe Joint Undertaking (CBE JU)
- Circular bioeconomy projects
- Biomass valorisation
- Sustainable biomaterials
- Mycelium-based materials
- Bio-based innovation
- Rural innovation
- Regenerative production systems
- Living lab and pilot demonstration projects

## Potential Contribution to Consortiums

Mo Farm can contribute:

- Demonstration farm environment
- Real-world pilot validation
- SME participation
- Rural deployment perspective
- Circular systems implementation
- Stakeholder engagement support
- Dissemination and visibility activities
- Applied operational feedback

## Long-Term Strategic Vision

Mo Farm Naturals aims to evolve into a recognised circular bioeconomy demonstration platform integrating:

- Organic food production
- Circular production systems
- Mycelium-based material innovation
- Sustainable biomaterials
- Biodiversity integration
- Rural regeneration
- Applied bioeconomy deployment