

ImpattoZero

Longevity as a Lifestyle

Cultivating Regenerative, Circular and Data-Driven Nutrition

ImpattoZero is an Italian deep-tech SME delivering modular, circular aquaponic systems powered by **IoT and Artificial Intelligence**. We enable local production of high-nutrient, pesticide-free food with extreme efficiency in water, space and energy, designed for real business use cases.

What We Do

We design, build and operate **out-of-soil aquaponic ecosystems** that integrate patented RAS technology, multisensor IoT, AI-driven control and predictive analytics. Our systems continuously optimize water, nutrients, light and environment to deliver consistent quality, traceability and performance.

Our core model, **Farming on Demand**, works as *Farming-as-a-Service*: partners deploy modular production units tailored to their needs and demand profiles, reducing waste, logistics and operational risk.

Why It Matters for Business

- **>90% water savings** and full nutrient recirculation
- **+300% spatial efficiency** compared to traditional farming
- **Pesticide-free, allergen-aware production** with full traceability
- **Predictable yields and quality**, driven by real-time data
- **Scalable and replicable** across urban, peri-urban and retrofitted industrial sites

Longevity-Driven Nutrition

Inspired by global longevity regions (“Blue Zones”), ImpattoZero positions food as a **strategic asset for healthy lifestyles and prevention**. Our systems are designed to support higher nutrient density and consistency, aligning sustainability with wellbeing, without medical claims.

ImpattoZero S.r.l.

Sede legale: Via Casilina Sud, Km 141,700 - 03043 Cassino (FR)

Sede Operativa: Via Casilina Sud, Km 144,500 - 03044 Cervaro (FR)

Sede Operativa: PTP Science Park - Viale Albert Einstein, 26900 Lodi LO

Tel.: 0776 313 926 - **email:** db@agricoltura2punto0.it - **Partita Iva:** 02915800607

Target Partners

We work with:

- **HO.RE.CA. and premium food operators**
- **Cities and municipalities**
- **Real estate developers and smart communities**
- **Wellness, longevity and senior-living ecosystems**
- **Industrial and research partners**

Business Models

- Pilot modules and proof-of-concept sites
- Retrofit of existing buildings and infrastructures
- Licensing, joint ventures and long-term partnerships
- EU and cross-border sustainability projects

What We Are Looking For

At Sustainable Solutions Match 2026, ImpattoZero is seeking **solution seekers, pilot sites and strategic partners** interested in circular, data-driven food systems with measurable environmental and economic impact.

ImpattoZero connects sustainability, innovation and longevity into one scalable solution for future-ready food systems.

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