



SFP is a innovative format
designed and developed by Proam



GENERAL INTRO

VISION & STRATEGIC OPPORTUNITY

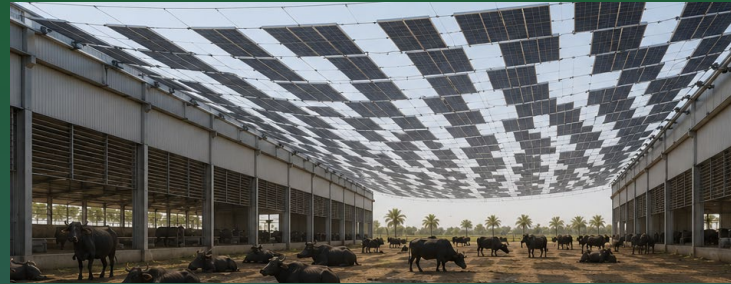
SFP – SYNERGIC FOOD PLATFORM is an integrated ESG-driven platform developed by PROAM Srl, combining: Food Security, ESG Integration and Climate Adaptation for the Gulf Region and in specific:

- Aquaponics
- Sustainable livestock farming
- Freshwater and sea fish farming
- Vertical farming for feed production
- Renewable energy integration
- Circular water and waste management systems
- Climate-adaptive architecture

Regenerative desert agriculture

The new platform has been specifically conceived for:

- United Arab Emirates
- Saudi Arabia
- GCC countries
- Arid and climate-sensitive regions



<p>ABOUT 95% SAVINGS OF WATER AND SOIL</p>	<p>NO USE OF CHEMICAL PESTICIDES AND ZERO CHEMICAL FERTILIZATIONS</p>	<p>ZERO SEASONAL PROBLEMS ZERO ENVIRONMENTAL IMPACT</p>
<p>100% SCALABLE UNLIMITED AND GLOBAL MARKET</p>	<p>ALL WASTE IS 100% RECYCLED</p>	<p>REAL ESTATE ASSETS AND PROPRIETARY TECHNOLOGY</p>
<p>PRODUCTION 27 TIMES HIGHER THAN TRADITIONAL AGRICULTURE</p>	<p>NO USE OF AGRICULTURAL VEHICLES NO POLLUTION</p>	<p>NET MARGIN OF 60% ANNUAL</p>

	AQUAPONIC	GREENHOUSE	OPEN FIELD
AQUAPONIC PRODUCE 1650% MORE COMPARED TO TRADITIONAL CULTIVATION METHODS FOR THE SAME AREA (PRODUCTION OF QUINTAL PER YEAR)	14000	800	350
AQUAPONIC USE AROUND 97% LESS WATER TO PRODUCE OUR VEGETABLES (LITERS OF WATER PER KILO PRODUCT)	1.7	260	336

BACKGROUND

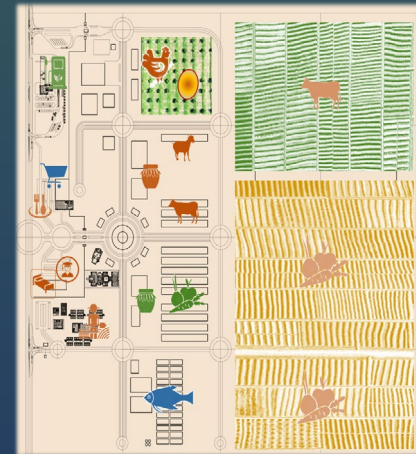
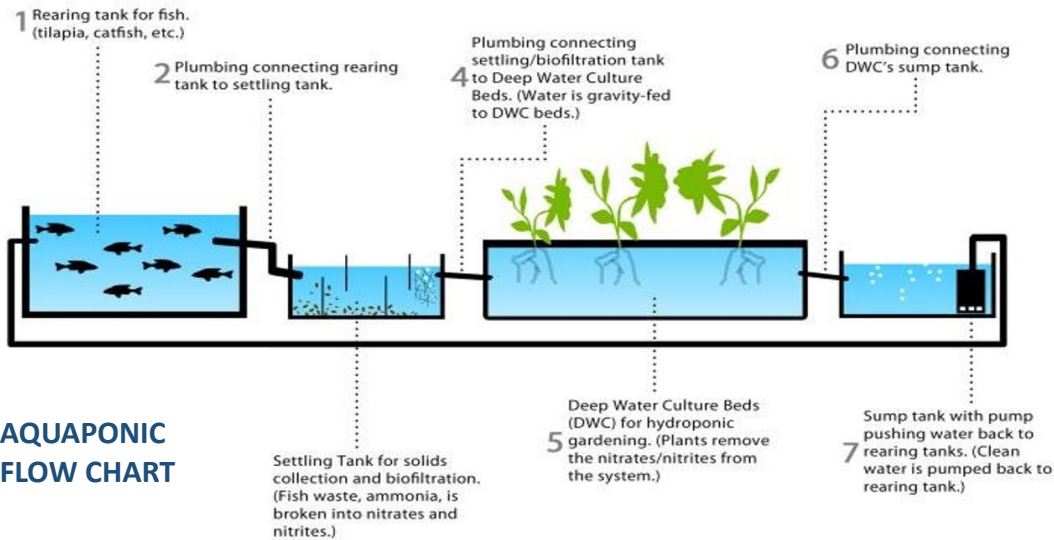
PROAM has developed various projects in Italy and a series of feasibility studies in Dubai, Abu Dhabi, Maldives and Congo CDR in recent years

However, the geopolitical changes generated by the international crisis from 2022 and actual, significantly altered investment conditions and delayed the implementation of the projects.

Today, the current regional scenario and the growing strategic need for:

- local food production,
- water efficiency,
- energy resilience,
- ESG transformation,
- climate adaptation,

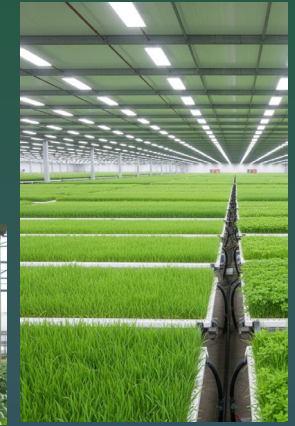
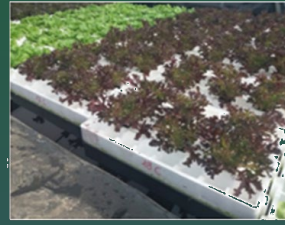
make the **SFP** platform more relevant and valuable than ever before.



OUR STRENGTH

PROAM Srl and its strategic partners possess advanced Italian know-how and operational partnerships in:

- Aquaponics *specialized Italian operator*
- Buffalo farming for milk and meat production *specialized Italian operator*
- Fish farming systems *Italian Fish Farmers' Association*
- Organic poultry farming *specialized Italian operator*
- Renewable energy integration *specialized Italian company*
- Circular agriculture *specialized Italian consultants*
- Climate-adaptive architectural systems *specialized Italian consultants*
- Sustainable water management *specialized Italian consultants*



SFP platform integrates multiple production systems into a single synergic ecosystem where:

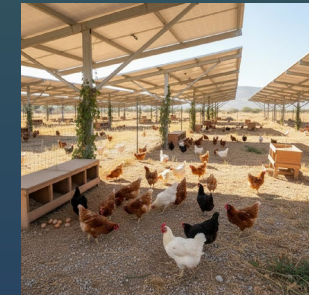
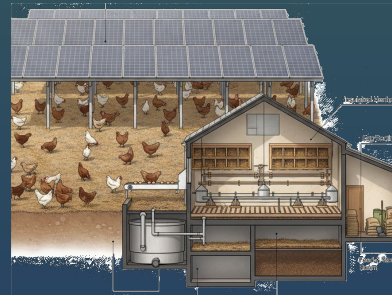
- **energy, water and food production operate as a fully integrated cycle**
- **waste becomes resource,**
- **sustainability becomes profitability,**

STRATEGIC POSITIONING

SFP is not simply an agricultural project.

SFP It is an “Integrated Climate-Adaptive Food Security Platform” designed to support:

- **UAE Food Security Strategy 2051**
- **Net Zero 2050 objectives**
- **ESG investment frameworks**
- **Circular economy policies**
- **Sustainable desert agriculture initiatives**



THE SFP INTEGRATED PLATFORM

Main Integrated Components
(integrable with other sectors and technologies)

Designed for:

- low water and energy consumption,
- circular nutrient recovery,
- high-efficiency production.

AQUAPONICS FOR FOOD

- vegetables,
- organic greens,
- aromatic herbs
- Freshwater fish

VERTICAL FARMING FOR FEED PRODUCTION CONTROLLED-ENVIRONMENT SYSTEMS FOR:

- hydroponic green fodder,
- high-nutritional feed integration.
- Reducing dependency on imported feed and improving livestock sustainability.

FISH FARMING

- Freshwater fish farming in land-based tanks
- Saltwater fish farming in open-water areas

CLIMATE-ADAPTIVE BUFFALO FARMING

- Premium buffalo milk and meat production
- Advanced animal welfare systems
- Shallow cooling pools
- Evaporative cooling & misting systems
- Solar daylight chimneys
- Passive and active ventilation technologies

ORGANIC POULTRY FARMING AND EGGS PRODUCTION

Integrated biological systems supporting:

- protein production,
- soil regeneration,
- nutrient cycling,
- biodiversity and ESG targets.

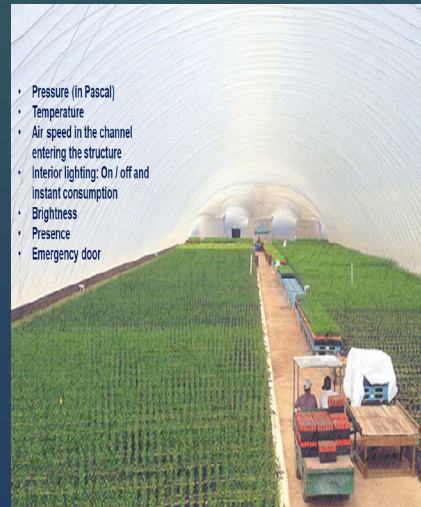


PRODUCTION

Super Fresh

Fourth Range

Fifth Range





RENEWABLE ENERGY & CIRCULAR SYSTEMS

The platform integrates:

- photovoltaic systems,
- shaded solar structures,
- biogas recovery from livestock waste,
- water recycling systems,
- circular fertilization processes.

Livestock waste is transformed into:

- energy,
- cooling support,
- organic fertilizer,
- carbon reduction opportunities.

ESG & IMPACT

The platform is designed to generate measurable ESG value through:

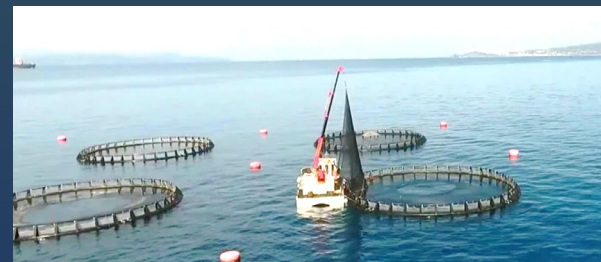
- food security,
- water efficiency,
- carbon reduction,
- circular economy integration,
- animal welfare,
- local production resilience,
- desert regeneration,
- sustainable profitability.

KPI

- ROI > 35%
- PAYBACK: 4 YEARS
- EBTIDA: HIGH
- SCALABILITY: EXCELLENT
- ESG VALUE CREATION : STRATEGIC

PHASES

1. development of a specific feasibility study
2. executive design of the **PILOT PLANT**
3. assistance in construction and start-up with expert Italian and international staff
4. operational verification and system tuning
5. executive design and assistance in construction of the production plants to be developed in subsequent phases with repeatable modules



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MORE DETAILS ARE AVAILABLE ON REQUEST

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