



# NOVATON CORPORATE PROFILE

CLEAN TECHNOLOGIES, POSITIVE AQUACULTURE



**NOVATON**



NOVATON BUILDS AND OPERATES NEXT GENERATION, SUSTAINABLE AQUACULTURE FARMS AND GLOBALLY MARKETS CLEAN SEAFOOD, FREE OF CHEMICALS, RICH IN NATURAL OMEGA AND PROTEINS.

## A UNIQUE BUSINESS MODEL

To facilitate the roll-out of its new generation aquaculture, NOVATON offers a unique turnkey Build, Operate and Market business model, as a full service to farmers and investors in aquaculture.

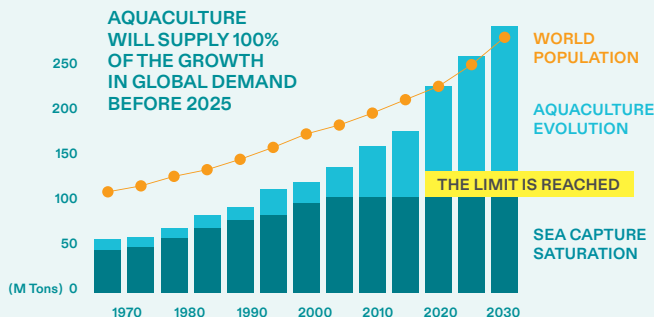
- BUILDING cleantech NOVATON farms
- OPERATING and maintaining the farms
- MARKETING and sales of natural seafood



## THE SEAFOOD MARKET

The demand for seafood is projected to increase abt. 4.5% CAGR per year in the next decade, due to the growing world population and the changes in consumers' behaviors.

Sea capture has reached its limits. The expected gap between Supply and Demand is 65 Million Tons by 2030.



(Source : FAO)

SUPPLY ~ 200 M Tons	~65MTons
DEMAND ~ 265 M Tons	

(Source : Bloomberg FAO)

SUSTAINABLE  
DEVELOPMENT  
GOALS





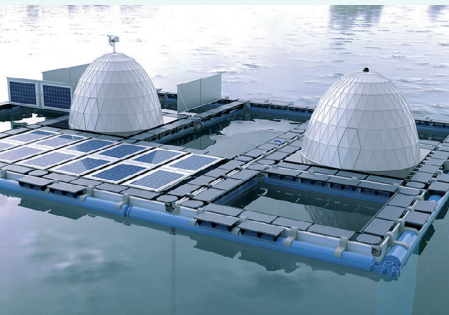
# INNOVATIVE AQUACULTURE FARMS BASED ON CLEAN TECHNOLOGIES

LAND FARMS | →

MARINE FARMS | ↓



NOVATON has developed simple, reliable, fully sustainable closed system aquaculture farms operating on cleantech and smart systems. It offers aquaculture specialists, farmers and investors various choices of land and marine farms. NOVATON farms are scalable in size and flexible to produce both marine water and freshwater crops.



The NOVATON CHESSBOARD™ is a completely isolated floating structure suspended in polluted lakes and seas to cultivate fish and shrimp in clean water sustainably protecting the environment.



| ↑  
**SMART  
SYSTEMS**



| ↑  
**NOVASPHERE  
NANO™ LAND FARM**

## CUSTOMER GROUPS

### INVESTORS, FARM OWNERS

NOVATON provides the global aquaculture industry with sustainable farms, using clean technologies for water treatment, energy and waste management.



### RESTAURANTS, CHEFS, HOTELS

NOVATON provides natural, healthy seafood for all types of cuisine.



### CONSUMERS

NOVATON produces and sells natural, healthy seafood, rich in omega and proteins.

↗ B4B



↗ B2B



↗ B2C





## A PROVEN BIOLOGICAL CLOSED SYSTEM

NOVATON has developed a unique closed cultivation system, combining innovations in biology and cleantech, to operate sustainably and economically.

The NOVATON CLOSED SYSTEM™ consists of more than fourteen innovations, mainly in biology, water aeration, water management, waste management, biosecurity and energy optimization.

The shrimp and fish grow without stress, free of pollution, chemicals or medicine.



## TECHNOLOGY ADVANTAGES:

- Fast and easy to deploy
- Low upfront investment
- Scalable roll-out
- Highest level of biosecurity
- Sustainable, clean energy
- Water saving, no water discharge
- Low energy consumption
- Smart technologies



## THE SEAFOOD BRAND



### NOVATON SEAFOOD BRAND

Premium quality seafood cultivated responsibly, with the highest standards.

### SEAFOOD PRODUCTS

NOVATON produces a diverse seafood portfolio including various species of shrimp and fish to answer the global demand.

✓ NATURAL AND HEALTHY

✓ FREE OF CHEMICAL AND MEDICINE

✓ HIGHLY NUTRITIVE (OMEGA, PROTEINS)

✓ TASTY AND APPEALING

✓ SUSTAINABLE



# CORPORATE GOVERNANCE



NOVATON is a scientific company. The NOVATON Scientific Board is composed of world-renowned scientists. The company has contracted exclusive strategic partnerships with advanced Research and Development institutions, as well as solution providers in all relevant fields.



## BOARD OF DIRECTORS

- ❶ **Christine Ledergerber-Hinderling**  
Diploma Economics, BSc Applied Psychology,  
Zürich, Switzerland
- ❷ **Issam Kabbani**  
BSc International Business Administration,  
M.A Economics and Finance,  
M.A Management, PED IMD, Switzerland
- ❸ **Saad M. Al Azem**  
MBA Finance and International Management  
in the USA, BSc Industrial Engineering  
in Saudi Arabia
- ❹ **Prof. Dr. Benoit F. Leleux**  
PhD at UCL, MBA at Virginia Tech.  
Professor of Entrepreneurship and Finance at IMD
- ❺ **Prof. Dr. Leif Sjöblom**  
PhD in Business and MSc in Statistics from Stanford,  
LLB (Hons), BSc in Electrical Engineering.  
Professor of Financial Management at IMD
- ❻ **Othman Krafess**  
BSc in Finance, University of Miami, USA

## SCIENTIFIC BOARD

- Prof. Dr. Gede Suantika,**  
PhD Micro-biology and award  
winning Aquaculture Science,  
ITB, Indonesia
- Prof. Dr. Leif Sjöblom,**  
PhD Business, MSc Statistics,  
BSc Engineering, IMD,  
Switzerland
- Prof. Dr. Thomas Brueck,**  
PhD Biochemistry, MSc  
Medicine, TUM,  
Germany
- Mr. Gunnar Birkland,**  
Unitech Energy Group,  
Technology Center Norway
- Prof. Dr. Christophe Ballif,**  
PhD in Physics, CSEM and  
EPFL, Switzerland
- Prof. Dr. Bruce Patterson,**  
PhD in Physics, EMPA,  
Switzerland
- PD Dr. Andreas Borgschulte,**  
PhD in Physics, EMPA,  
Switzerland

# GLOBAL PRESENCE

NOVATON Group  
is present in



## AWARDS

- 2021 Aquaculture Business of the Year – Prestige Awards
- 2020 Aquaculture Business of the Year – Prestige Awards
- 2014 Platts Sustainable Innovation Global Energy Finalist
- 2014 Zürich Climate Award Switzerland & Lichtenstein
- 2009 UAE Energy Globe Award
- 2009 Prix Evenir Sustainable Development Award
- 2009 Fondation Neuchâtel Rayonnement Switzerland Award

COMPLY WITH



**NOVATON AG Offices**  
In Switzerland:

Flurstrasse 30  
8048 Zürich

Av. du Léman 34  
1005 Lausanne

+41 21 218 08 96  
info@novaton.com  
www.novaton.com



AgNovaton



novaton-ag



novatonAG



Novaton\_ag