



MAP

MirYam Aquaculture Projects LLC

MAProcess

Processing plants
innovation



USA BASED

- ✓ **MAX PRODUCTIVITY**
- ✓ **HIGHER YIELDS %**
- ✓ **MODULAR DESIGNS**
- ✓ **ALL COMMERCIAL SPECIES**
- ✓ **INNOVATION**
- ✓ **TOP QUALITY**
- ✓ **AUTOMATION**
- ✓ **LOWER COSTS**
- ✓ **TOP EFFICIENCY**



2025



The MAPPROCESS solutions for you:

1. Value stream feasibility studies

In depth analysis of your project to lay firm groundwork for your success.

2. Complete processing plant designs and supply (turn-key)

Make your vision a reality leveraging our four decades of experience.

3. Development and supply Innovative processing technologies

We motivate to innovate, putting your operation at the forefront.

4. Processing professional guidance

The most wholesome seafood out of your raw material.

5. Products and market development

Sell unique products that stand out and tell the story.



MEET MAP

MIRYAM AQUACULTURE PROJECTS LLC

Pioneers in the construction of facilities and processes since 1977

Welcome to the MAP family, where experienced fish farm pioneers come together to support your success! We will navigate your endeavor with dedication and passion, using the most up to date know-how and innovative technologies, to drive your growth.

Our vision - to promote the sustainable development of the global aquaculture industry and the well-being of the people who depend on it.

Our mission - is to partner with existing and new producers and institutions to provide tested solutions to industry challenges across the value stream.

Our method - We take a hands on multidisciplinary approach through our complete portfolio including: MAProjects, MAProduce, and MAProcess!

Our team and partners at your service!



Yedod Snir
CEO & Founder
Processing Specialist



Israel Snir
President & Founder



Mario Ramirez
CTO Projects & Engineering



Yaron Shaool
CFO Process & Financial Engineer



Grisel Alfaro
Administration & Sales



Mario Gonzalez
Mechanical Engineer



Denis Joshua Mancia
Hatchery Manager



Luiz Felipe Porto
Sales Representative

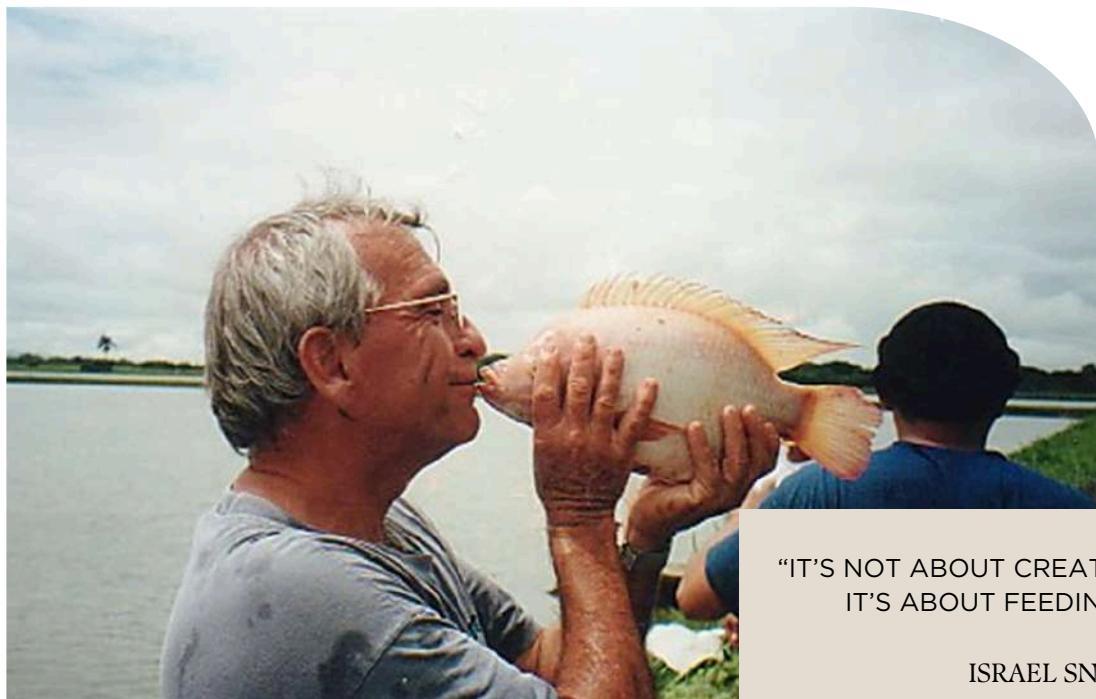
OUR PARTNERS:

MAP'S WORK IS ONLY POSSIBLE WITH THE HELP OF STRATEGIC PARTNERSHIPS THAT WE HAVE WORLDWIDE. WE INTEGRATE THE EQUIPMENT INTO A LARGE PROJECT, BASED ON OUR EXPERIENCE. WE ARE CAPABLE OF BUILDING PRACTICALLY ANY TYPE OF FISH PROCESSING PLANT.



SUPREME ELECTRIC & REFRIGERATION CO., LTD.





“

“IT'S NOT ABOUT CREATING PRODUCTS,
IT'S ABOUT FEEDING PEOPLE”

ISRAEL SNIR

A vision for the sustainability of the Industry

We imagine ideas, produce food, create jobs, invest in communities, educate young people, protect our environment, and seek the joy of operators, because we do this for the people and by the people!

Israel Snir

FOUNDING PRESIDENT

Our Four E's

- **EXPERIENCE** - Without practice it's just theory
- **ETHICS** - Humility and respect, we will not be greedy
- **ENVIRONMENT** - The environment is on loan and we must return it improved
- **ECONOMICS** - We do not sell products, we sell solutions and food.



Experience of generations



1988 - Yedod harvesting fish for the Colapia plant in Colombia

A love that comes from the cradle.

My life and career have developed in parallel and intertwined with tilapia from the lakes of Israel and the waters of the Jordan River, to evolve into a commercial species of global prominence.

Yedod Snir
CEO

THE SYSTEMS OF THE FUTURE

for today's industry



PRODUCTION



We work with a diversity of commercial species

We design the production line to minimize
equipment, labor and time

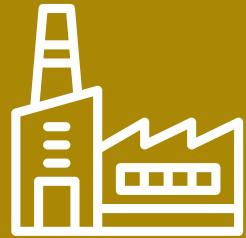
WHAT *it takes to make a* **PERFECT PRODUCT?**



QUALITY RAW
MATERIAL



QUALIFIED
TEAM



GOOD INDUSTRIAL
DESIGN

+

+

ALL STARTS *with a good...*

1 HARVESTING



2 SLAUGHTER



- Stunning
- Bleeding
- Descaling
- Evisceration and cleaning



- Water quality
- Excellent animal health
- Gentle handling
- Careful transportation

3 PROCESSING



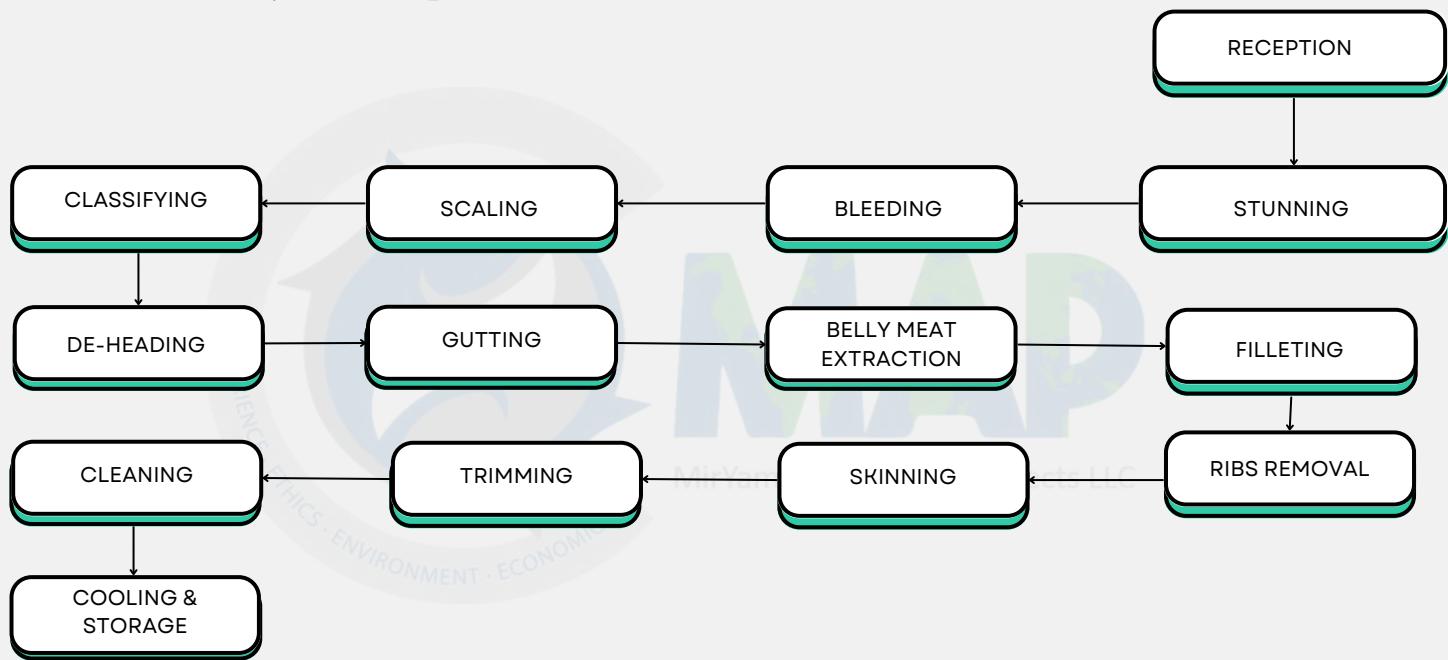
- Yield control
- Biosecurity
- Cold chain
- Quality control

PROCESSING PLANTS

a successful partnership

A well-designed and managed processing plant determines not only the yield and quality of the products but also the competitiveness and brand of your company. The value-added process for by-products is essential for profitability!

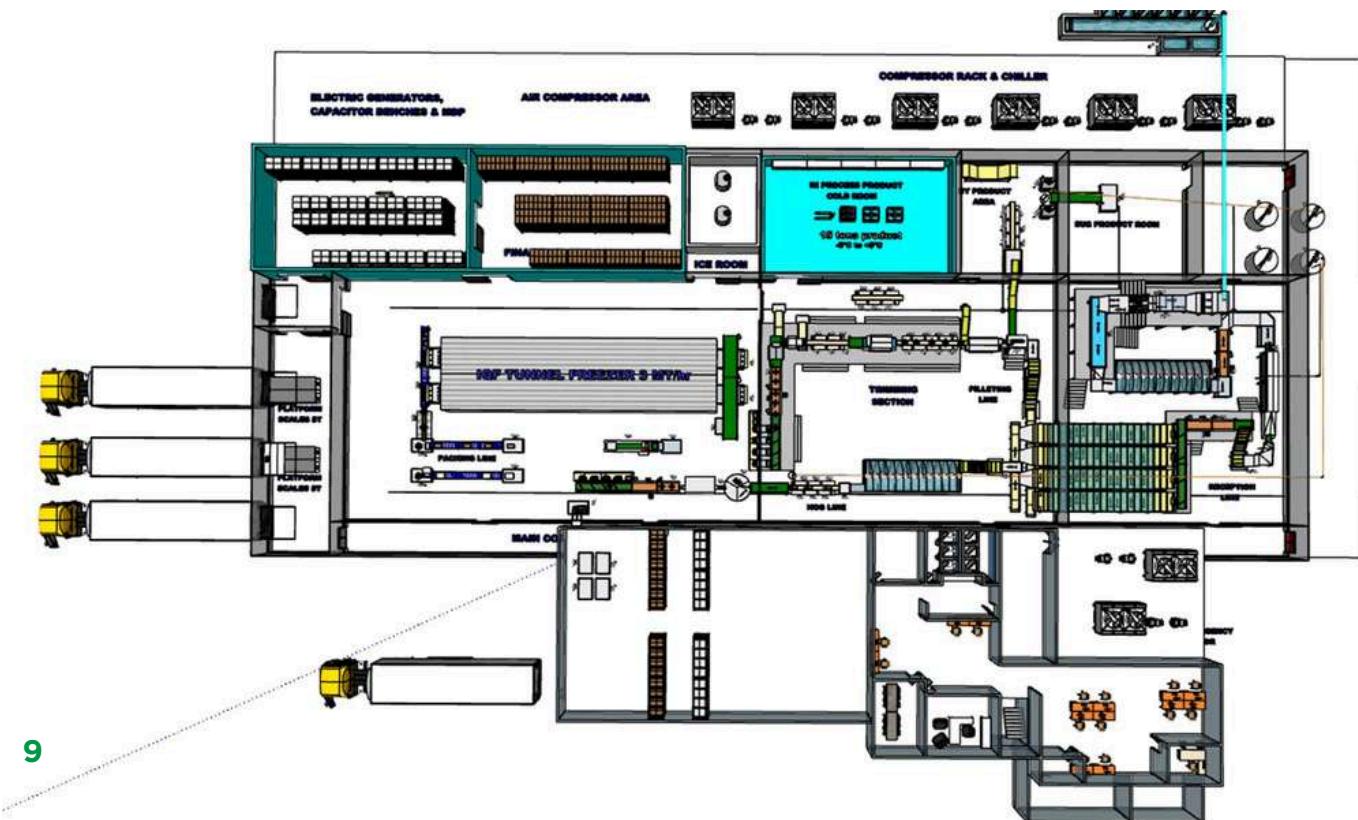
Our experience combined with innovation allows us to offer your company a modern, optimized, and customized manufacturing complex for while staying competitive in terms of CAPEX and OPEX.



FACILITIES

From design to Operational support

- MAP designs fully integrated processing plants
- Reception of raw materials
- Stunning, slaughtering and bleeding
- Complete processing lines
- Filleting and portion cutting lines
- Classification and packaging systems
- Refrigeration, freezing and cold storage systems
- Value-added systems for by-products
- Quality control stations
- Wastewater treatment plants
- Social and Mechanical Areas
- Support services



RECEPTION



PROCESSING ROOMS



PACKAGING



REFINING OF EXISTING PLANTS

Through a process of detailed value engineering, and leveraging our decades of experience, MAP will help your company optimize to get the best returns on your raw materials.

From the production line to
lean manufacturing

- Exceptional design
- Fewer equipment breakdowns
- Reduced inventory
- Increased stock rotation
- Less space required
- Efficiency and reduction of work
- Better delivery performance
- Exponential growth



**MAP HAS VAST EXPERIENCE! OUR TEAM HAS BUILT OVER 10
PROCESSING PLANTS AROUND THE WORLD.**





CUTTING-EDGE TECHNOLOGIES



ELECTROCUTOR

- Humane slaughter (in water)
- Reduced space
- Drip loss reduction
- Higher income
- Increased service life

SLAUGHTER AND BLEEDING

- Locates and cuts the aorta
- Consistent cut
- One operator (40 Px/min)
- Compact and modular
- Whiter fillet
- Increased service life
- Combined bleeding



DRUM DESCALER

- Complete descaling
- Semi-continuous process
- Auto-loading/unloading
- Water saving
- Passive disinfection



SPEED CLEANING

Machine (SCM)

**HIGH-PRESSURE WATER JETS TO
EFFICIENTLY CLEAN UP TO 28 FISH PER
MINUTE**



The Speed Cleaning Machine revolutionizes the fish farming industry with its innovative use of high-pressure water jets to clean up to 28 fish per minute efficiently and precisely.

Designed for optimal speed and ease of use, the compact machine requires just one operator.

SCM optimizes the fish-friendly process from the chambers and removes internal organs quickly and efficiently, which increases productivity for the processes.





Economical - Evisceration, descaling and belly washing in a single machine.

Scaling - The technique used does not damage the fish and maintains the integrity of the head and mouth.

Evisceration - The depth of the cut in the belly is adjusted with just one knob.

Belly Wash - Water pressure can be adjusted according to the needs of the final product.

Stainless steel - Suitable for long service life.

Separate discharge pipes -They allow the reuse of encrusted water* (up to 70%).

Performance Optimization – Significantly increases profits.

Hygiene - Ensures a clean and hygienic work environment.

Biosafety - Low risk of cross-contamination due to water jet peeling.



AUTOMATIC FILET LINE

All in One

MAP has introduced a highly efficient and productive fish processing machine to the aquaculture industry. This innovative solution is designed to address customer challenges in the fish filleting process. By selling and installing the machine, MAP not only delivers practical solutions but also supports customers in achieving transformative improvements in their operations.



HEADING & GUTTING *Machine*



- The machine series is designed for fish species whose structure is such that a double cut is necessary to obtain maximum recovery.
- The elevation angle of the two blades varies according to individual size requirements and each fish is automatically positioned for maximum performance regardless of size.
- Management capabilities of specifications include tilapia, catfish, sea bass, and similar species with a considerable amount of meat above the gill plate.
- All our heading units can be equipped with vacuum certification systems using fish head passes through a vacuum port synchronized with the imitation of fish movement.
- From evisceration to vacuum in the machine the head cutter enables a clean hygienic subsequent process.



FR-3500 FILLET MACHINE

- It is a state-of-the-art system that uses a high-speed programmable logic controller to individually measure the length of each fish as it enters the machine. Using this measurement, the unit can then adjust its cut according to a pre-selected cut value to get the maximum yield from each fish. Our machine uses three sets of circular knives to remove the spine, one above, one below and one on the spine; resulting in a high-performance product.
- After the spine is removed, a set of reciprocating knives carefully removes the ribs, yielding tender, undamaged fillets. This versatile unit features an option to completely eliminate the ribs by simply pre-selecting a cut value on the interface; easy to dress. In addition to these innovative cuts, the equipment also has the option of recovering the belly meat.



YOUR PROJECT

on your side all the way!



FIELD PRESENCE



WORK
SUPERVISION



SYSTEM
INITIALIZATION

ANALYSIS AND RESEARCH



ANALYSIS AND
DESIGN



COMPARATIVE
EVALUATION



OPERATIONAL MANAGEMENT



MANAGEMENT
PARTNERSHIP



PROFESSIONAL
GUIDANCE

WE ARE
“hands on”
EXPERTS

The MAP approach is CONSTANT IMPROVEMENT. We never assume we know everything. MAP serves as a reference method among all participating projects to create standardization and consistency in results. That's why we constantly evaluate better systems and methods to ensure our partners have a competitive advantage.



MAP

MirYam Aquaculture Projects

