

SUSTAINABILITY IN AQUACULTURE



FONDA FISH FARM
FONDA.SI D.O.O.
DR. IRENA FONDA

BIO RURAL - AQUATIC SYSTEMS

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VISION - GOAL

PROVIDE OUR CUSTOMERS WITH FRESH, HEALTHY SEAFOOD OF THE HIGHEST QUALITY IN A SUSTAINABLE WAY.

“HEALTH IS A MATTER OF GOOD TASTE!”



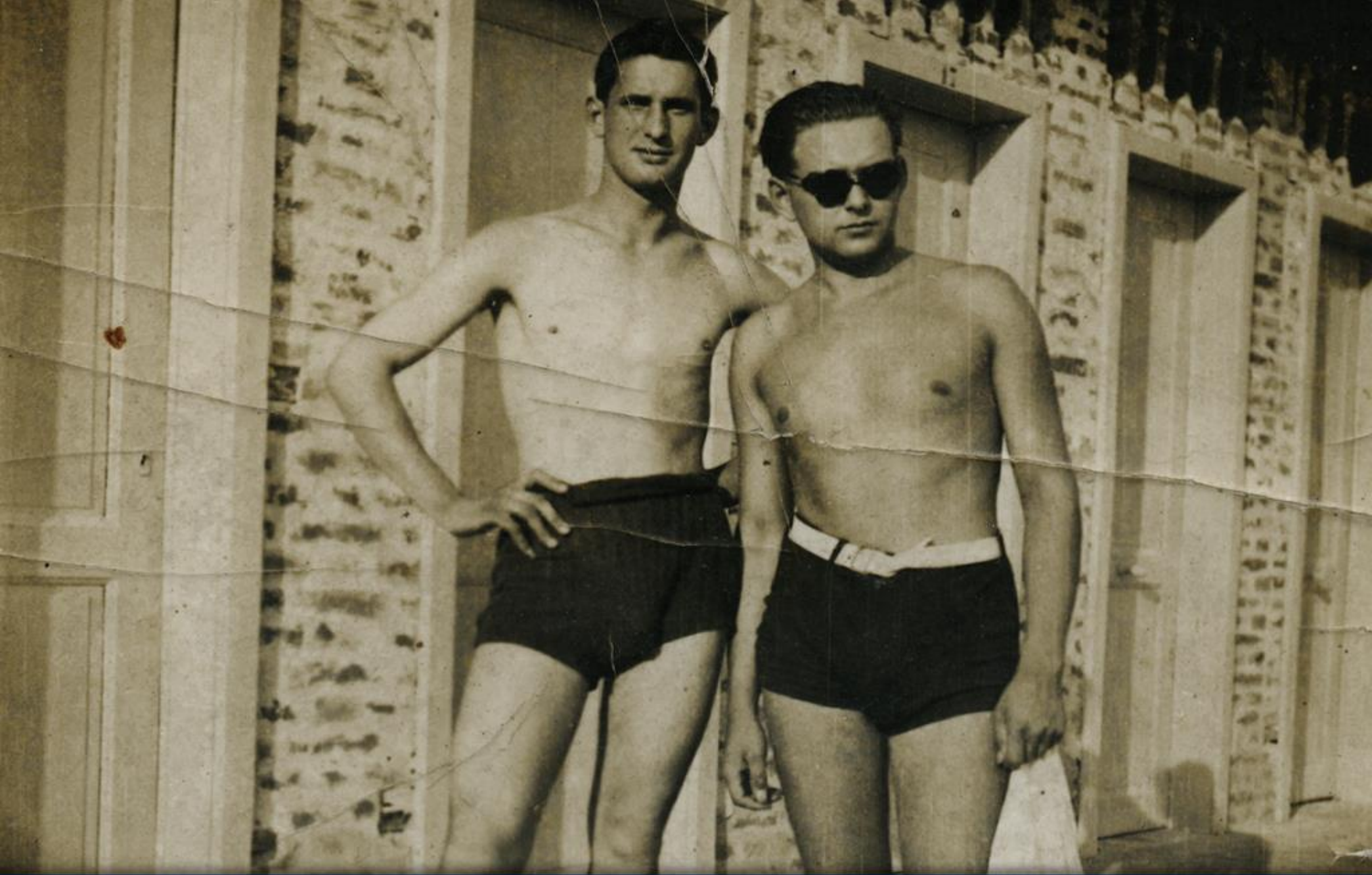
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DEVELOPMENT OF A BRAND

FONDA PIRAN SEA BASS

BEHIND OUR BRAND IS A
FASCINATING A STORY

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EXCELENT MEDIA SUPPORT

BRANCINI PRIDE NA DOM

Seča, Laubljana - Društva Fondra ima novo bogatno razstavo odbrane brancin...
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Zdravje je stvar dolgoročnega okusa.

Brancini iz našega morja
CINEMOST BRANCIN RASTU

V družbi z najlepšo in najdražjo ribo v Sloveniji

REPORTAŽA

Kulinarčna harmonija Sredozemlja in Krša

Madžar - Na domači Butlerovih v Mandanju pri Kapru je vedno živahno...
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Naturelle e sano il branzino di Pirano

«Vita sana in...»
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V štirih letih do kila

Ribogojnica, Madce bodo ob sibirskem gojenju zrasle v okusne brance

Ribe iz domačih gojišč

IL POSTO - Un fatto è certo: un biologo che si mette a far ricerche...

Fondra, il vero branzino di Pirano

LABORATORIO INTERNAZIONALE DI CUCINA
Quei sapori mediterranei

Mavrica na krožniku, zdrave v želodcu

Pet gramov postane kila

Je brancin in je piranski brancin

Razlika je denimo v vsebnosti živega srebra v mesu: v drugem je tudi do 15-krat nižja kot v prvem

Slovenska Kosarica, slana, sladka, zdrava

animatiON PRISTA ZA TVRBA
TIME EMO TION MYTHIC

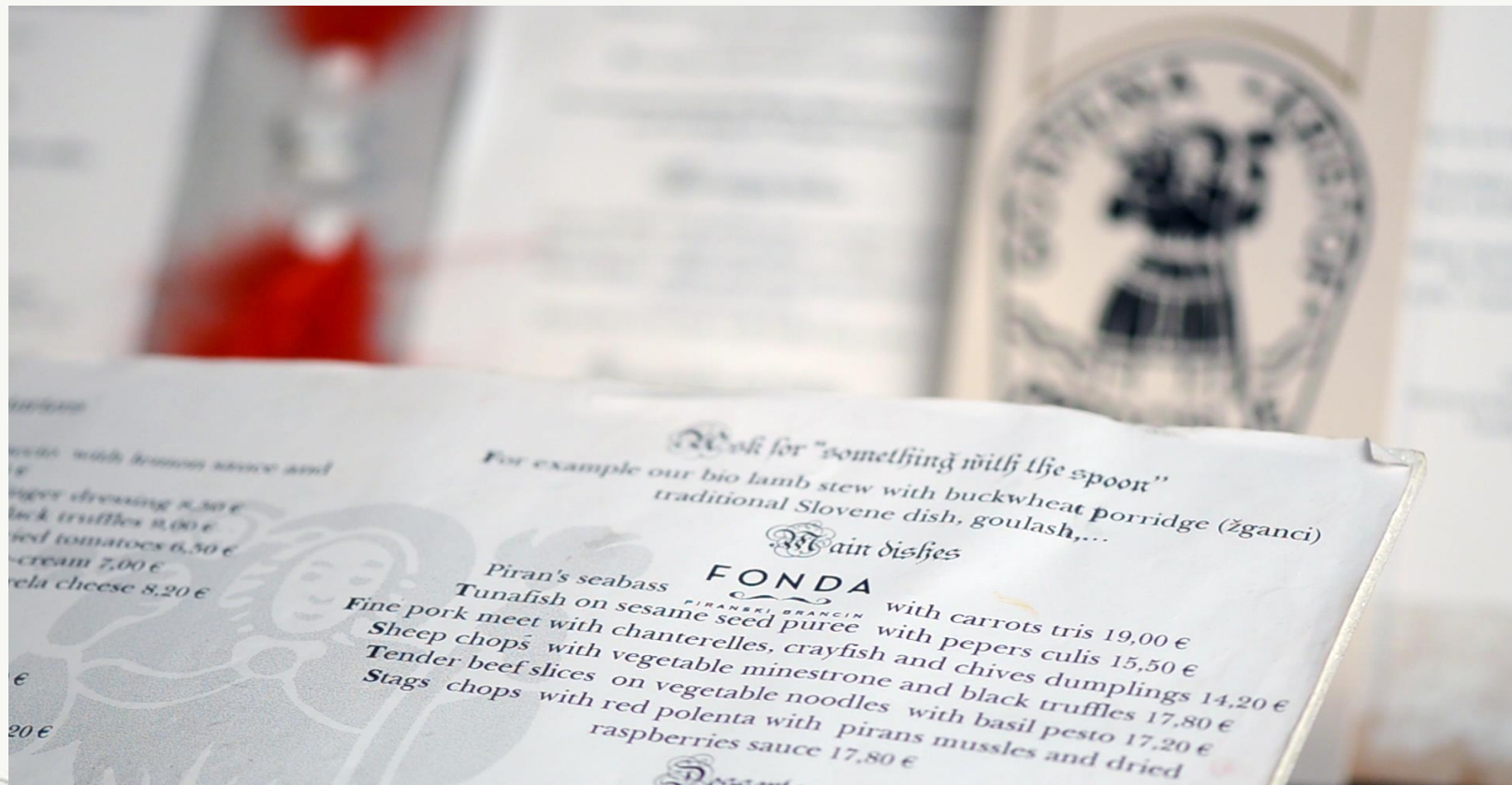
Trava je tudi užitna!

me Fonda

Ribice, ki jih gojijo s srcem

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FIRST AQUACULTURED FISH WITH THE NAME ON THE MENU



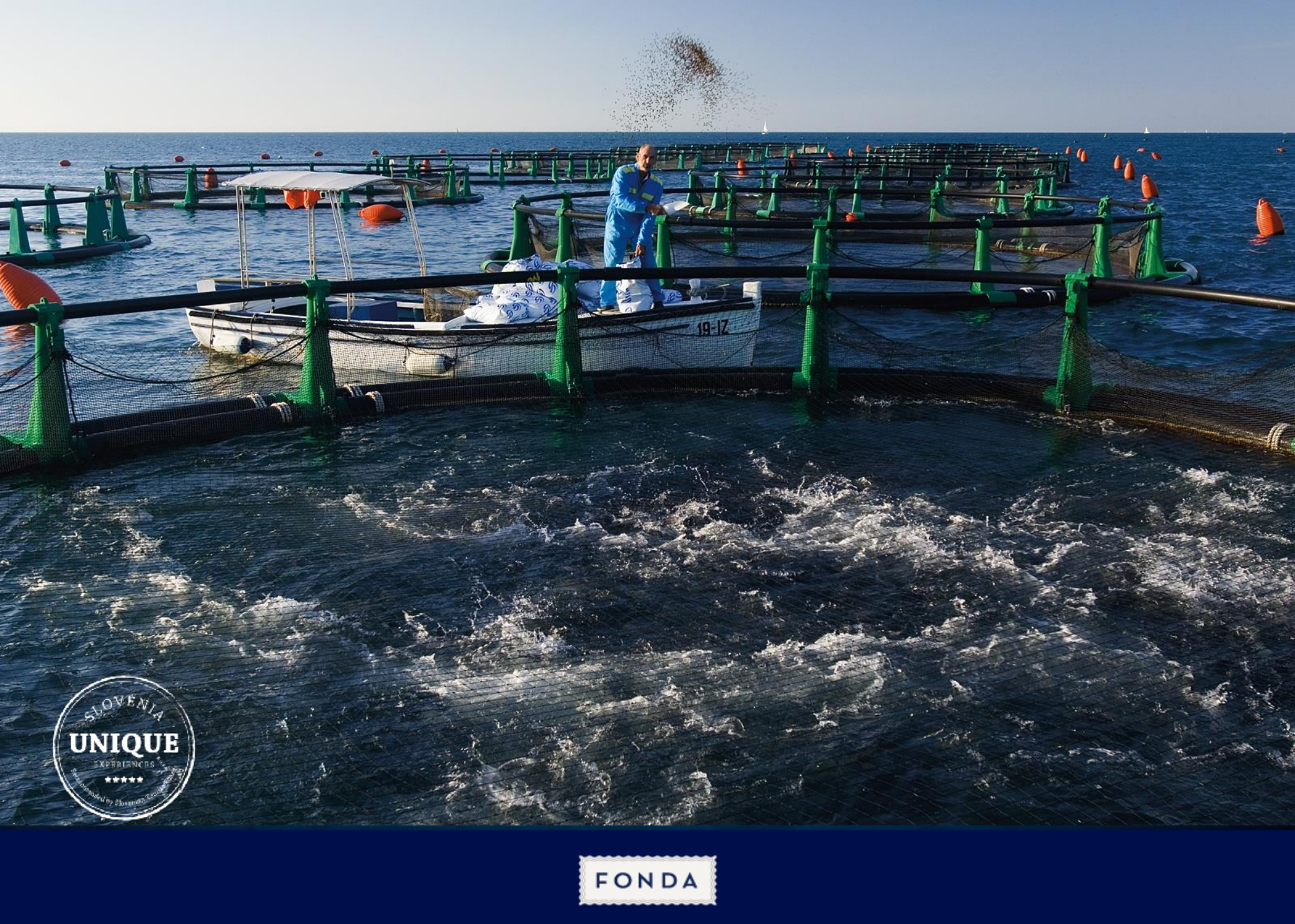


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SLOVENIA
UNIQUE
EXPERIENCES
★★★★★
Recommended by Slovenia Tourism Board

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VISIT US FOR AN UNFORGETTABLE DAY AT FONDA FISH GARDEN



SLOVENIA'S
HIDDEN
GEMS



FASTEST GROWING SECTOR

Aquaculture is the fastest growing sector of agriculture in the world.

Since 2005, global aquaculture has grown at an impressive rate of 5.8 % annually.

More than half of seafood consumed worldwide is produced by the aquaculture sector.

THE BIGGEST TRENDS COMING TO AQUACULTURE

1. Continued Industry Growth

From 1970 to 1995, *“the number of fish farmers more than doubled”*.

The aquaculture industry is expected to grow further.

Among the list of countries planning to expand their aquaculture market share are China, India, the United States, Norway, Russia, Nigeria, and many more.

THE BIGGEST TRENDS COMING TO AQUACULTURE

2. Less Antibiotics

Aquaculture producers faced intense pressure in 2017 for their overuse of antimicrobials, which resulted in the widespread proliferation of antimicrobial resistance, which can influence on *the treatment of bacterial infections* in both aquaculture species and humans.

WHO labeled the antimicrobial resistance as a major threat to worldwide health.

Many organizations are already calling for restrictions on the use of antibiotics

THE BIGGEST TRENDS COMING TO AQUACULTURE

3. A Focus on Sustainability

Three factors routinely enter the discussion surrounding aquaculture's sustainability:

1. Feed

Fishmeal is the main source of feed in many aquaculture operations.

Approximately one third of all globally captured fish are used to create fishmeal or oil.

This results in the overfishing of many native species.

THE BIGGEST TRENDS COMING TO AQUACULTURE

3. A Focus on Sustainability

2. Environmental degradation

Aquaculture farms that deplete many of the environment's natural resources can easily disrupt natural habitats.

Shrimp farms are especially notorious for contributing to environmental devastation.

THE BIGGEST TRENDS COMING TO AQUACULTURE

3. A Focus on Sustainability

3. Influencing wild gene pools

Native species populations often suffer when farmed species escape and begin to compete for food sources.

In addition, farmed species can drastically alter native gene pools when introduced to the wild.

THE BIGGEST TRENDS COMING TO AQUACULTURE

4. The Evolution of Aquaculture Systems and Equipment

Aquaculture equipment has changed dramatically over the past 70 years. From wooden cages in the 1960's to the current standard of polyethylene cages and hinged steel cages, **equipment has slowly shifted from a mechanical to a more technological focus (RAS, Off shore farming).**

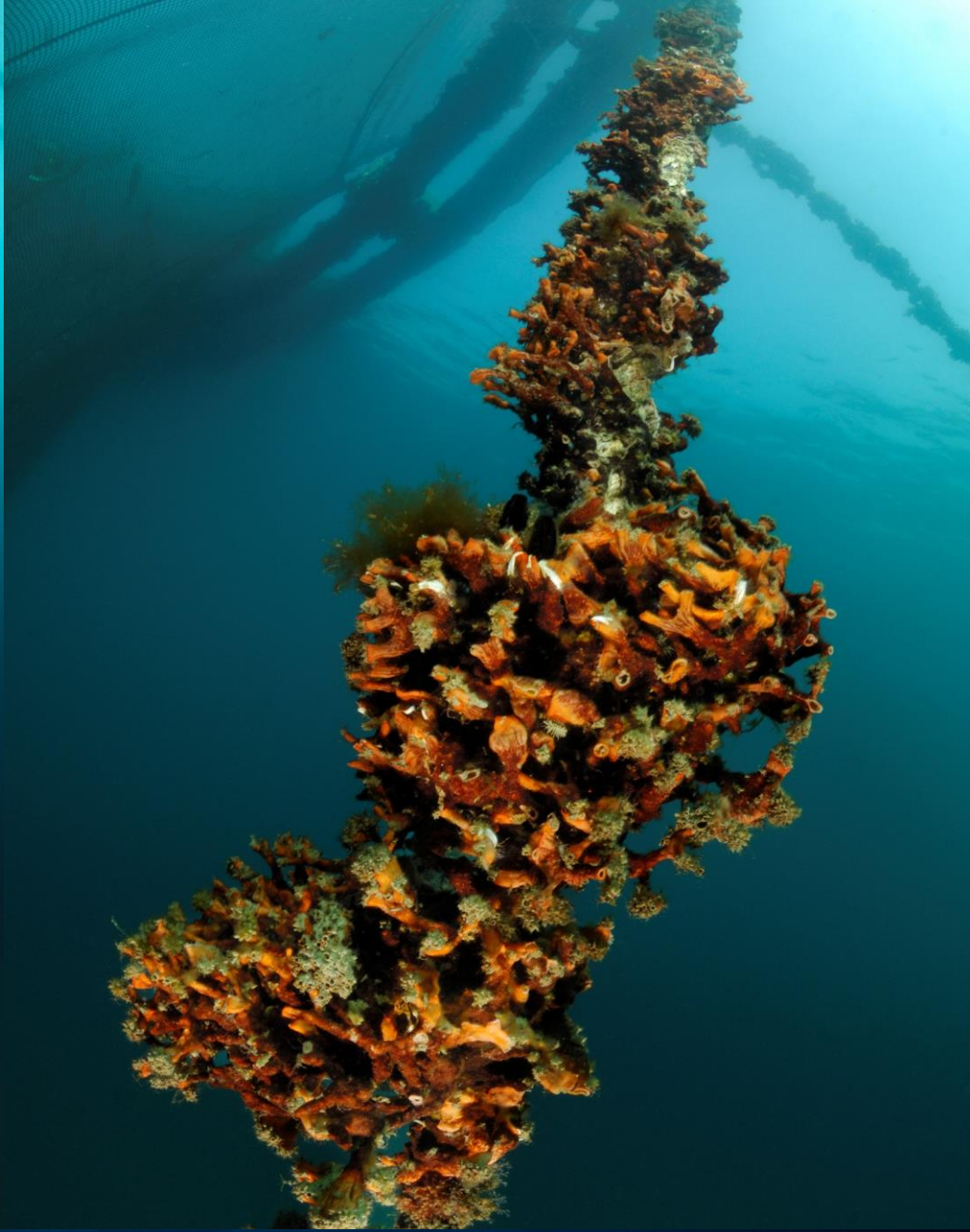
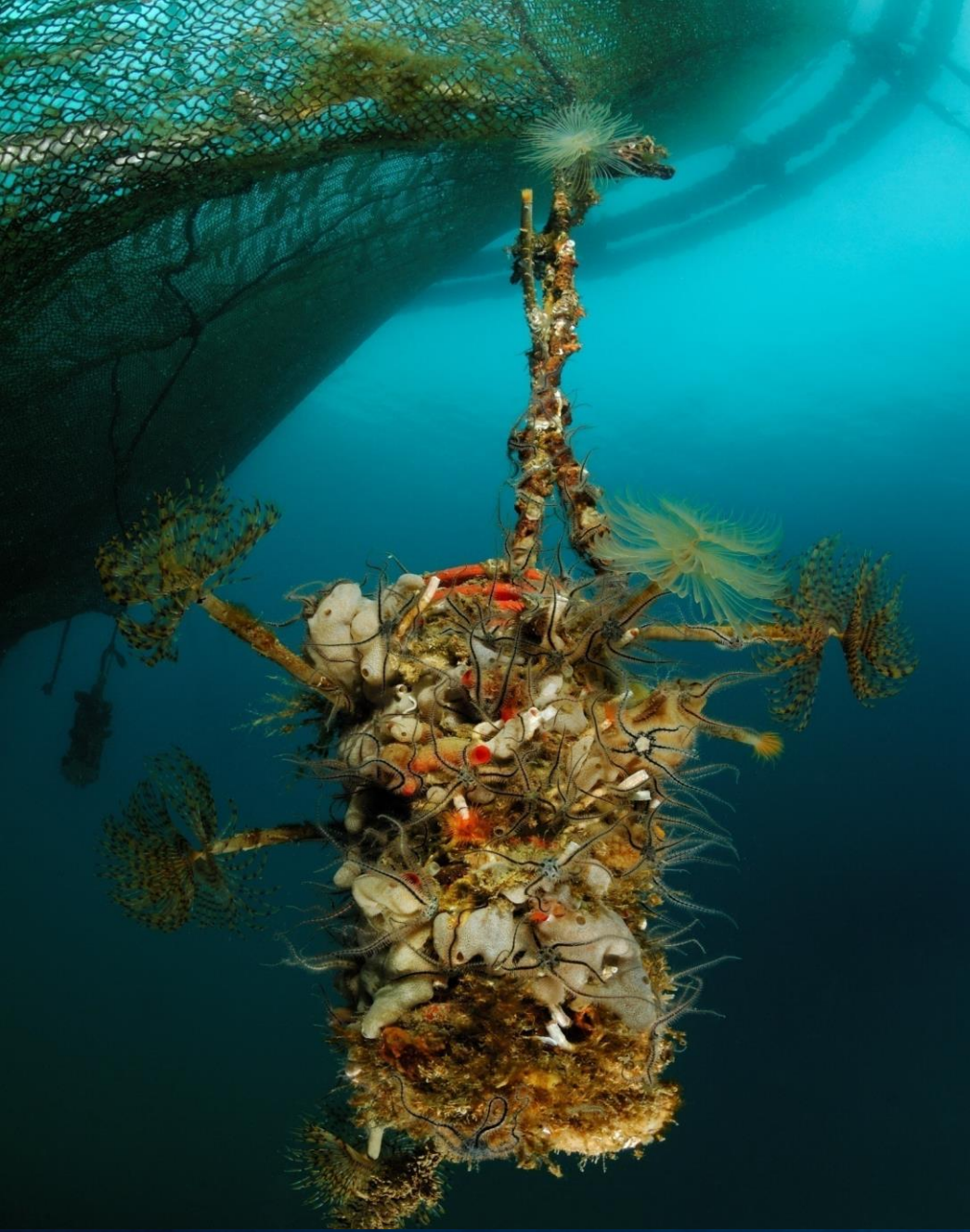
Feed systems have also changed to meet the growing demand for higher inclusion of nutrients in aquaculture diets. [Feed additives](#) have proven to be especially effective at improving both the composition and the nutritional quality of feeds.



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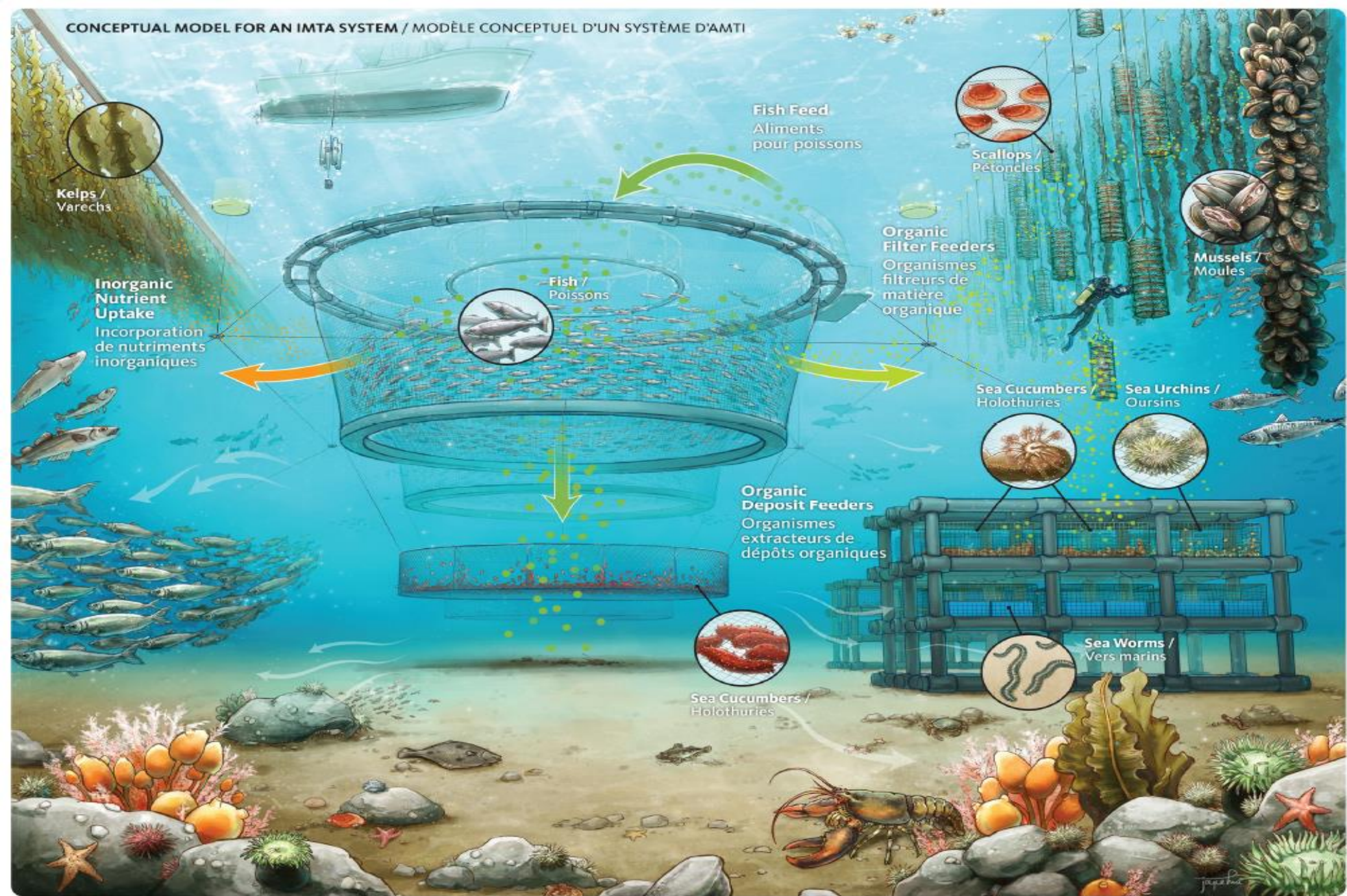


Berut Furlan
PHOTOGRAPHY





YOU(R)SEA
Sea Oasis

CONCEPTUAL MODEL FOR AN IMTA SYSTEM / MODÈLE CONCEPTUEL D'UN SYSTÈME D'AMTI



 **Inorganic Dissolved Nutrients / nutriments inorganiques dissous**
 **Water Current / courant d'eau**

 **Organic Fine Particulate Nutrients / nutriments organiques à particules fines**
 **Organic Large Particulate Nutrients / nutriments organiques à particules grossières**



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THANK YOU!

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