

PROUD
OF OUR
PAST



READY
FOR THE
FUTURE



FEDERATION OF
EUROPEAN
AQUACULTURE
PRODUCERS

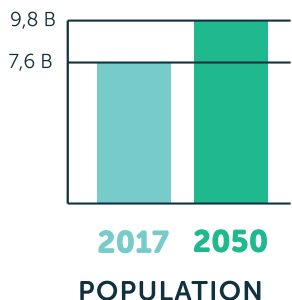
WE ARE **THE SOLUTION** 

 WE ARE **THE FUTURE**

The key role of aquaculture
for safe and healthy food

THE CHALLENGE OF GLOBAL FOOD SUPPLY IN 2050

FEEDING A GROWING POPULATION



World food supply needs to **double by 2050**



↑ **73%**

Worldwide animal **protein** consumption will rise by nearly **73%**

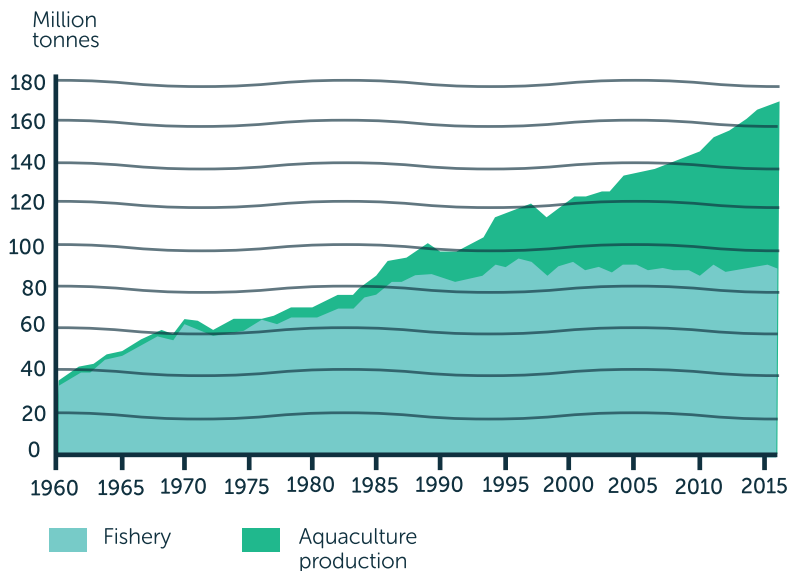
CURRENT PRODUCTION OF GLOBAL FOOD SYSTEM



only 10% from aquatic products

SEAFOOD SUPPLIES

A sustainable food supply needs **efficiency & diversification** to supply **70%** of the population that lives in cities



% seafood from aquaculture



Globally **50 %** **WHERE**



40 %
in Europe
(Norway, Turkey and Iceland included)



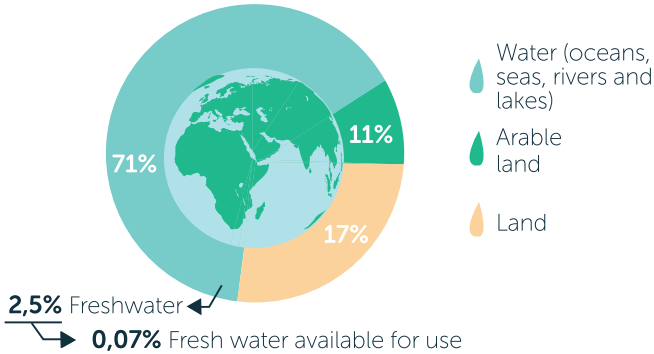
20 %
in the EU
(European Union)

To answer the need for more food, aquaculture needs to **grow** and **diversify in Europe** and globally

THE SUSTAINABILITY CHALLENGE

HOW FOOD PRODUCTION USES RESOURCES

WATER AVAILABILITY



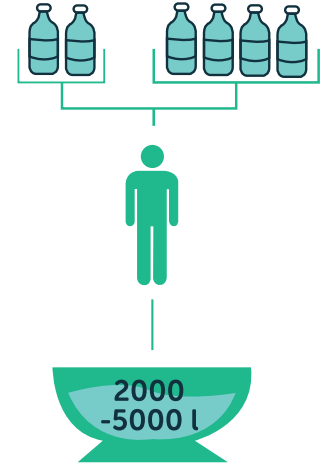
WATER USE



Water use has grown at **TWICE** the rate of population growth in the last century

EVERY DAY EACH PERSON

drinks 2-4 litres of water

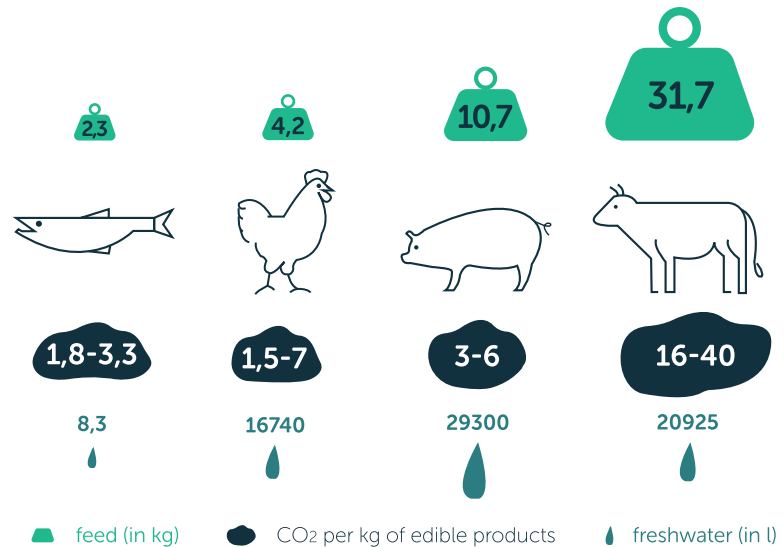
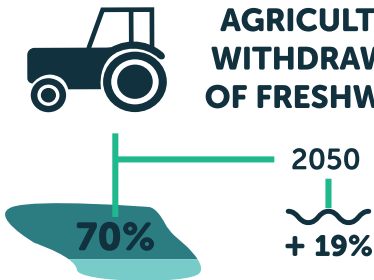


consumes 2000-5000 litres of virtual water embedded in food

"The population relies on **0,07%** of global freshwater"

NEEDS & IMPACT TO PRODUCE ONE KG

AGRICULTURE WITHDRAWALS OF FRESHWATER

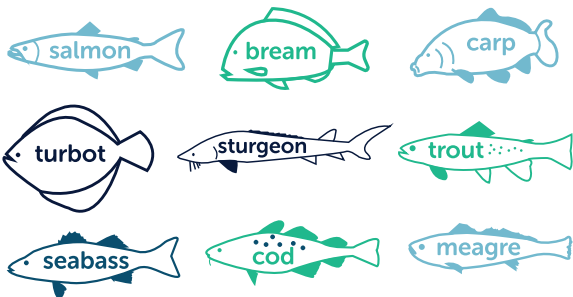


Aquaculture is **the most efficient producer** of **animal protein** as food

EFFICIENT & ADAPTABLE PRODUCTION

" Aquaculture is the farming of **aquatic organisms**, including fish, molluscs, crustaceans and aquatic plants and is done **on land** and **in the sea** "

WHICH FISH DO WE PRODUCE ?



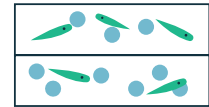
ON THE STARTING LINE



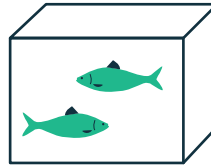
There are some **32,000 different species** of fish in our world today, which is more than all of the other kinds of vertebrates combined.

New species are being discovered all the time !

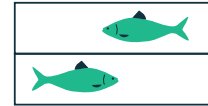
HOW IS IT DONE ?



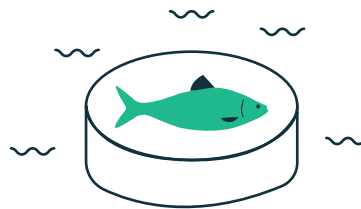
Hatcheries



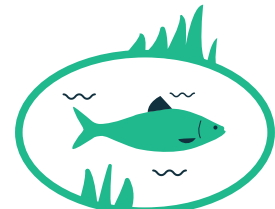
Tanks



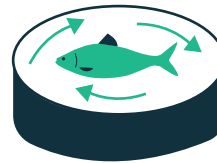
Raceways



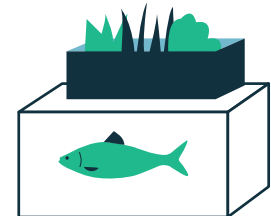
Pens



Ponds



Recirculating Aquaculture Systems (RAS)



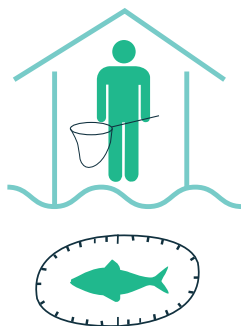
Aquaponics

Aquaculture can be done everywhere, and is the most **adaptable** and **efficient way** of providing **safe** and **healthy food**

THE SOCIAL CONTRIBUTION

FISH FARMING'S CONTRIBUTION TO SOCIETY

FEAP MEMBERS provide **2.3 MT** of fish, worth **>€10B ex-farm** and **>100,000 aquaculture-related jobs** in coastal and rural areas.



1 JOB ON THE FARM
creates **3** in other areas



European aquaculture provides valuable **jobs** and support to rural and coastal communities while delivering **safe, healthy** and **affordable** food

NUTRITION

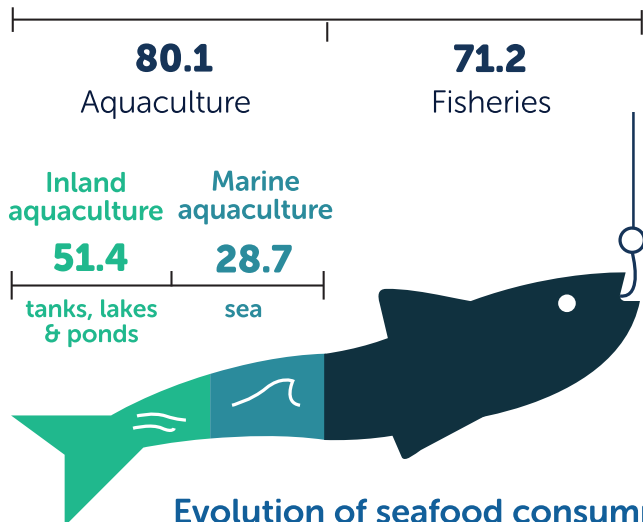


Farmed fish has all of these !
Great for your **DIET** and
your **HEALTH** !

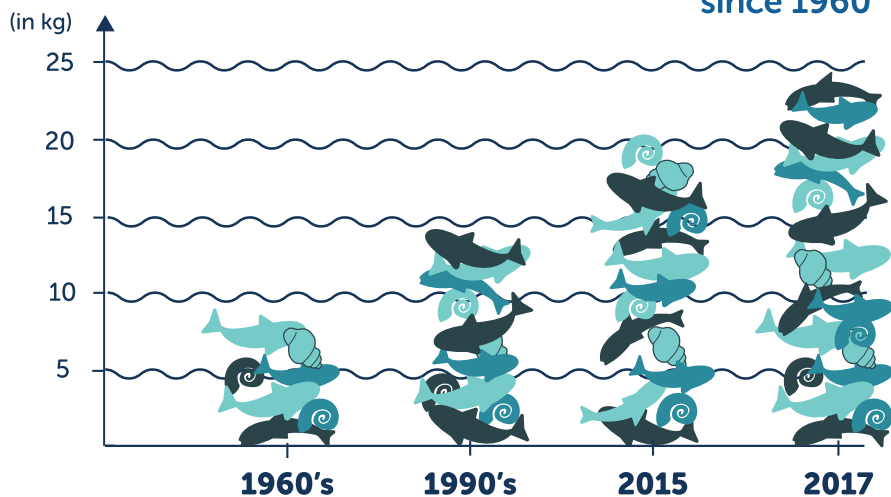
ANSWERING THE SEAFOOD NEED

GLOBAL CONSUMPTION

151.1 MILLION TONS OF FOOD



Evolution of seafood consumption since 1960



EU PER CAPITA CONSUMPTION
24,3 kg/person of which

24%



comes from aquaculture

EUROPEAN FISH FARMING PROVIDES



million meals/day



billion meals/year

FEAP PRODUCERS ARE CERTIFIED



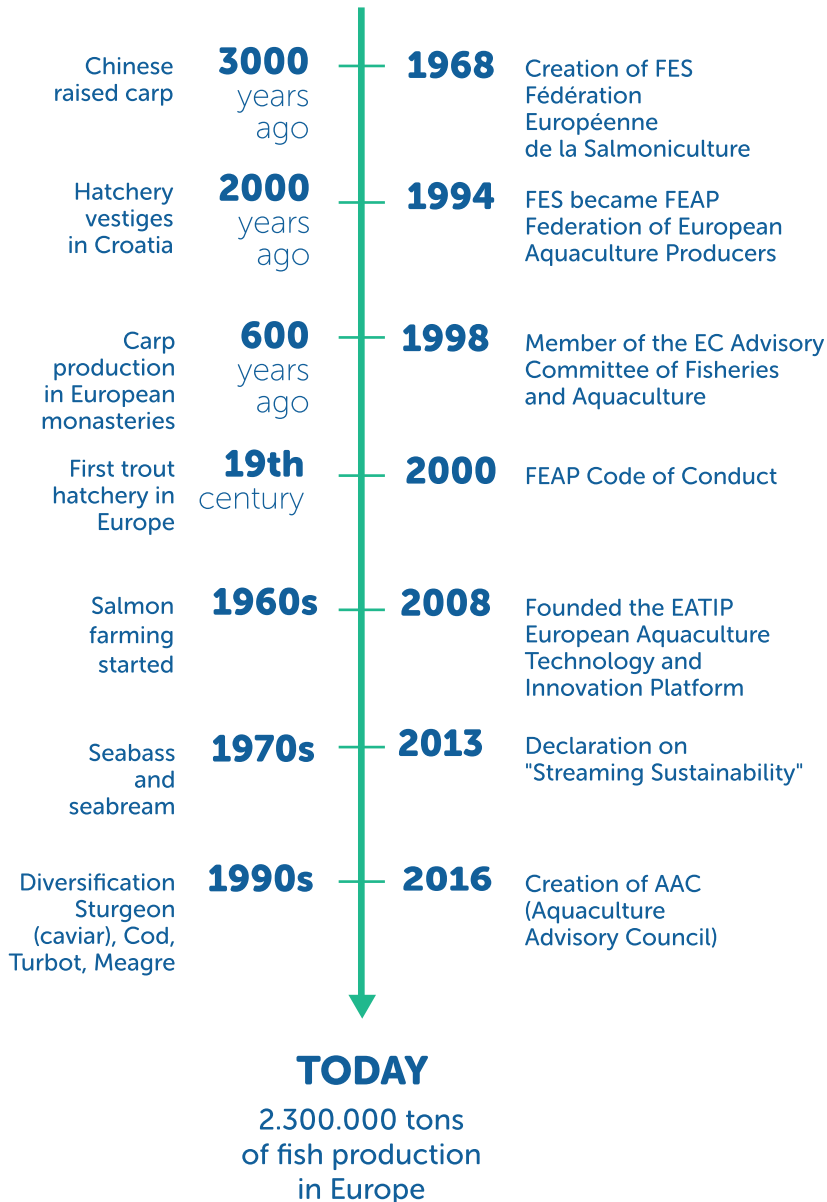
Aquaculture has passed fisheries in answering the seafood demand and is fully **traceable and certified**



and many more

THE PAST AND THE FUTURE OF AQUACULTURE

HISTORY



50 YEARS OF EXCELLENCE IN EUROPEAN AQUACULTURE

Our European Federation was created in 1968 by 4 trout farming associations, expanding through the years by following the development of European fish farming. It became the Federation of European Aquaculture Producers in 1994 and is recognised as the united voice of aquaculture by the European authorities, by being an active member of the Advisory Committees that address aquaculture and its value-chain.

FEAP is committed to the **development** and promotion of **sustainable** aquaculture, providing safe and **healthy** food while **respecting the environment**. The challenges of 2050 must be answered quickly and FEAP is dedicated to supporting **innovative actions** that enable excellence in the production process, while fully **guaranteeing consumer** and society's interests.

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 WE ARE **THE FUTURE**



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Abbreviations: Tons = t · Thousand = K · Million = M · Billion = B · Litres = l

SOURCES : Food and Agriculture Organisation (FAO), predictions - GRIDA, The Environmental Food Crisis (2018) - FAO, The State of World Fisheries and Aquaculture (2018) - United Nations (UN) - ISFA, Salmon Farming Sustaining Communities and Feeding the World (2018) - Statistics from UN FAO's FishStat database for 1950-2013 - The WorldFish Center, Blue frontiers: managing the environmental costs of aquaculture (2011) - EUMOFA, The EU fish market (2018) - European Commission, Farmed in the EU - LoveTheWild