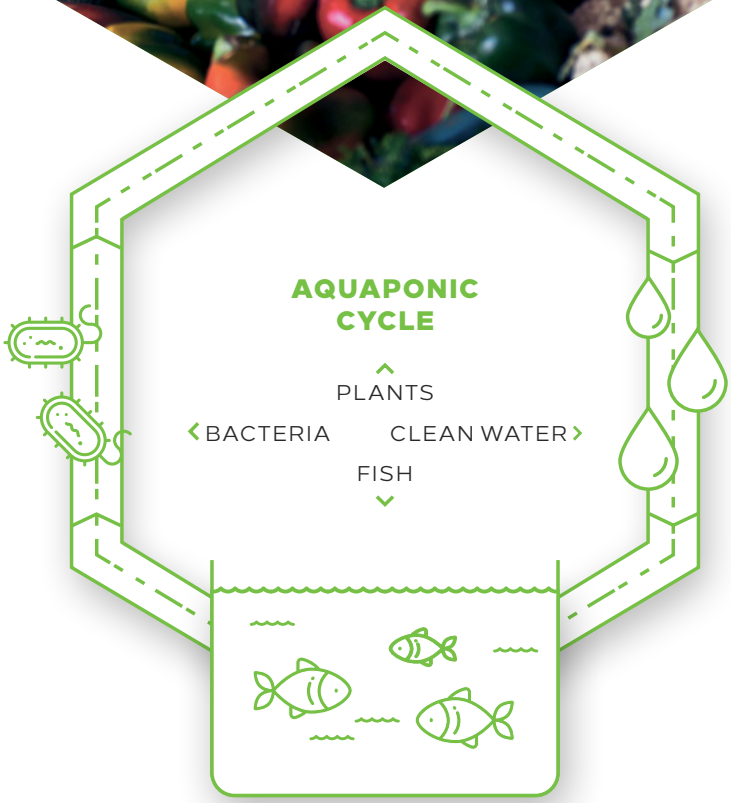
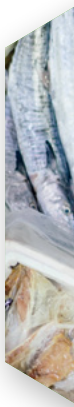
WE BUILD THE FARMS OF THE FUTURE

COMPLEX ECOSYSTEM
FOR FOOD AND FISH CULTIVATION

FUTURE FARMING

WHAT IS AQUAPONICS?





AQUAPONICS IS AN ECONOMIC FOOD PRODUCTION SYSTEM THAT LINKS FISH FARMING AND PLANT CULTIVATION THROUGH WATER. THE WORD AQUAPONICS IS DERIVED FROM THE SYSTEM'S TWO MAIN COMPONENTS: AQUACULTURE + HYDROPONICS = AQUAPONICS.

The system is in widespread use in many countries around the world, especially in the USA and Australia. In these countries, there are now commercial aquaponics farms supplying fresh vegetables and fish to local markets all year round.

In Europe, the first projects are just beginning to emerge. These are often small attempts by aquaponics enthusiasts that are not always successful. However, in many foreign countries examples can be found of functional garden systems that sustainably produce vegetables and fish for small families, thereby partially addressing the need for fresh food.

NATURE CONSERVATION

90% less water use.
No discharge of nitrates into the environment.

PEST-FREE

Most pests are soil-related, which is why their presence in aquaponics is less frequent.

AVAILABILITY

Reliable all year round source of fresh vegetables and fish.

QUICK TURNAROUND

Fish is ready for consumption within 4 months of hatching. Vegetables grow up to five times faster.

FLEXIBILITY

Food that is not available on the market can be grown at any time of year.

PROFIT

The growing demand for aquaponic products means you can easily monetize your production.

MARKET GUARANTEED INVESTMENT WITH A "HIGHER PURPOSE"

Medium-sized and large-scale commercial aquaponics systems also exist that produce vegetables and fish for sale or for nearby restaurants. The many differences that exist between these systems are simply a result of their scale.

However, whatever their scale, the aquaponics systems used share one thing in common – the biological processes. It is these processes that secure the long-term functioning of the system and the use of fewer resources – nutrients, energy and labour.

LEARN MORE ABOUT US...

Our aquaponics systems can be placed in both industrial greenhouses and unused halls, where we substitute sunlight with artificial lighting. At the same time, we offer our customers a buy-back scheme for the fish and vegetables they produce.

We provide a range of professional services, including remote access for checking water quality, professional monitoring and control, in-house production of high-quality fish food and a system functionality guarantee. At present, there is no other company on the Czech market or elsewhere in Europe that develops, produces and supplies functioning aquaponics systems.

We are a member of the Aquaponics Farm Association

ASOCIACE AQUAPONICKÝCH FAREM

...AND FIND OUT WHY WE ARE THE RIGHT PARTNER FOR YOU.

CROPS

SUITABLE FOR AQUAPONICS

FUTURE FARMING

OAK LEAF LETTUCE COUSTEAU

LEAF LETTUCE CARMESI

ROMAINE LETTUCE CRUNCHITA

LEAF LETTUCE LANDAU

CELERY

PARSLEY PEIONE

TOMATO SUPERSWEET

MANGOLD FORDHOOK

DILL HERA

PEPPERMINT

BASIL

LEMON BALM

ROSEMARY

LETTUCE VEGETABLES HERBS

FISH

SUITABLE FOR AQUAPONICS

STURGEON
BESTER

NILE
TILAPIA

FUTURE
FARMING

AFRICAN
CATFISH

RAINBOW
TROUT

RIVER
TROUT

ZANDER

WE MADE

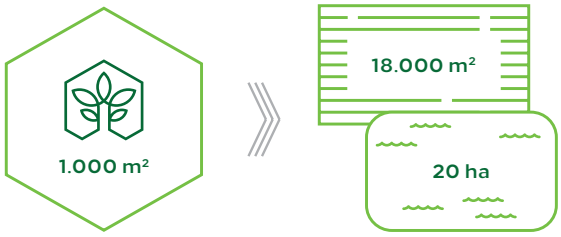
135 000 APHIDS
65 000 SPIDER MITES
2 560 CATERPILLARS

ANGRY

WE ENJOY SAVING

180 000 LITRES OF WATER

1 249 HOURS OF WORK



A 1 000 m² aquaponics farm can produce the same volume of food as an 18 000 m² field and 20-hectare pond combined.

ALL
OF THIS USING
NO PESTICIDES
NO HERBICIDES
NO ARTIFICAL FERTILIZERS

WE CULTIVATE CROPS AND FISH OF THE HIGHEST QUALITY.

WE DO SO THROUGH THE APPLICATION OF MODERN TECHNOLOGIES AND WITHOUT THE USE OF HERBICIDES, PESTICIDES AND FERTILIZERS.

WE USE NO SOIL, UTILIZE 20-30 TIMES LESS SPACE AND CONSUME 90% LESS WATER.

WHY? BECAUSE WE WANT TO KNOW WHAT WE ARE EATING AND CONTRIBUTE TO A BETTER ENVIRONMENT.

FUTURE FARMING

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