

FOR SALE · BUILT 2020 · LATVIA

40-ft Hydroponic Container Farm



HYDROPONIC NFT FARM FOR CROP RESEARCH,
TEACHING AND PRODUCTION

EUR 59,000 excl. VAT | EXW Latvia | Available now

Ready to restart

BUILT 2020

IN PRODUCTION TO
2025

TESTED APRIL 2026

FULL
DOCUMENTATION

A complete, pre-owned NFT container farm: built, operated and documented. Not a concept or a prototype, but a working research and production tool that you restart.

01

Proven

Built in 2020 and used for commercial production until February 2025

02

Tested

Electrical circuits, airflow, HVAC and LEDs tested working in April 2026

03

Fast

Priced below many new container farms, with no waiting time for manufacturing

04

Documented

Full technical documentation, control-system access and to crop records (if necessary)



Who this farm is for

UNIVERSITIES & AGRI SCHOOLS

A hands-on farm for teaching and demonstrations

INDOOR-FARMING RESEARCHERS

A ready test bed with full control of climate, water and light

AGTECH COMPANIES

Test sensors, lighting, nutrients, growing media or plant varieties

SPECIALTY GROWERS

Herbs, microgreens, aromatic and medicinal plants for premium local sales

INNOVATION PROJECTS & PILOT FARMS

A fast start, without waiting months for a new build



How NFT hydroponics works

NFT (Nutrient Film Technique) grows plants without soil. A very shallow stream of nutrient water flows past the roots: they take water and nutrients from the film and oxygen from the air above it.

HOW IT WORKS

- 01 NURSERY** Seeds germinate under their own light schedule
- 02 GROWING FRAMES** Young plants move to frames stacked six tiers high
- 03 NUTRIENT FILM** Solution flows down slightly sloped channels and returns to the tank
- 04 LIGHT & CLIMATE** LEDs replace the sun; HVAC keeps temperature and air stable
- 05 CONTROL** A PLC runs light, pumps, dosing, airflow and alarms automatically

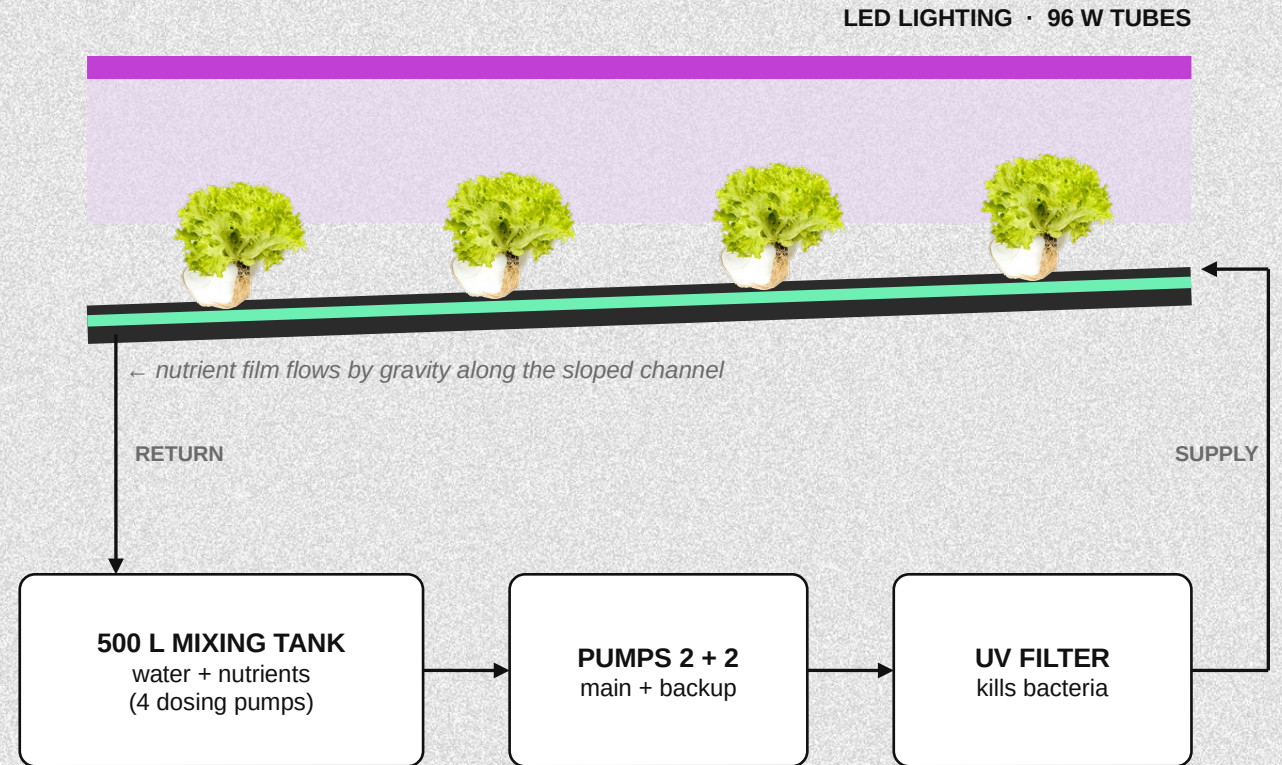


FIG. 01 Simplified nutrient loop: solution is pumped up, UV-treated, flows past the roots as a thin film, and returns to the tank to be reused.

WHY IT MATTERS Plants get the same conditions every day, whatever the weather outside. Results are repeatable, which is what research and steady production need.

Key numbers

40 ft HC

CONTAINER

Standard 40-ft high-cube shipping container

75.6 m²

GROWING AREA

Documented, across six stacked tiers: almost 3× the floor area

10,000 kg

MAX. WEIGHT

Fully equipped; size the crane and base for this

380 V

POWER SUPPLY

3-phase AC connection

14 kW

TOTAL POWER

As documented in the specification

500 L

MIXING TANK

Nutrient solution reservoir

SITE CHECKLIST Base for 10 t · 3-phase 380 V for ~14 kW · water supply · drainage



Inside the container

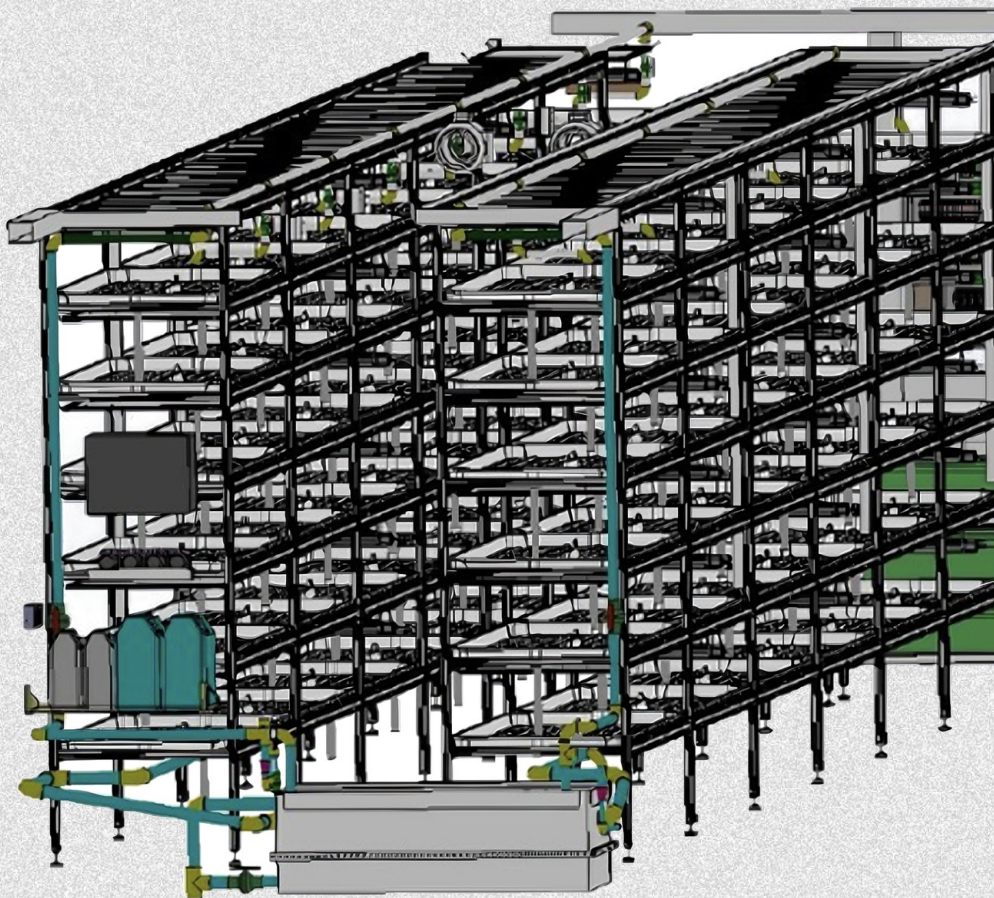
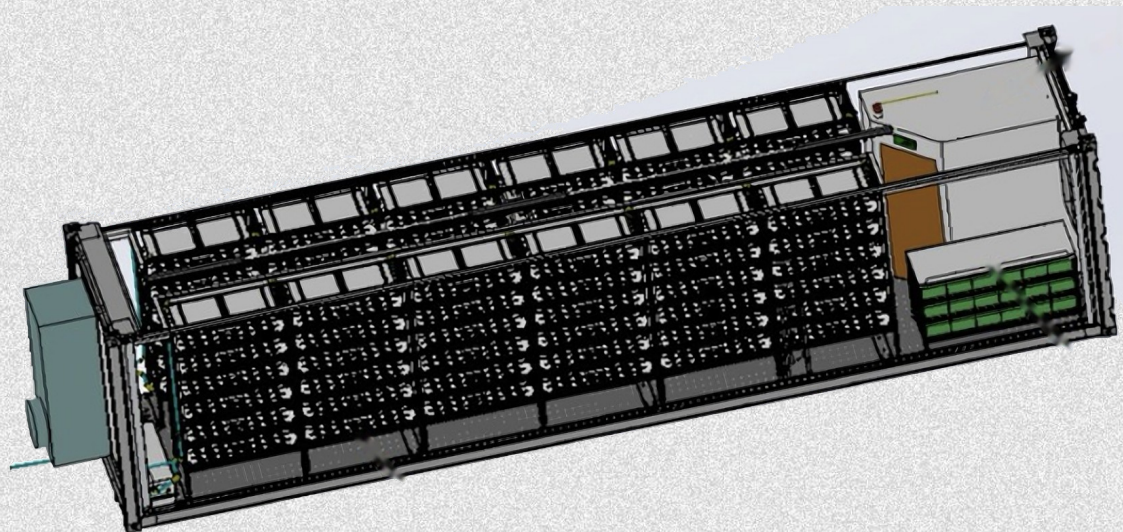


FIG. 02 Growing frames: 2 lines $\times$ 6 units $\times$ 6 tiers



A

NURSERY

Seeds germinate and young plants start, with their own light schedule

B

GROWING AREA

2 lines of frames, 6 units per line, 6 tiers per frame

C

WORKING ZONE

Space for daily tasks, with water supply for washing and cleaning

Plants move from the nursery to the frames as they grow, so new crops start while others mature.

Water and nutrients

How the plants are fed: six stages, from tap water to the roots.



EC / PH UNIT AND PERISTALTIC DOSING PUMPS



SPARE GROW BOARDS (INCLUDED)



WASHING SINK IN THE WORKING ZONE

01

WATER FILTER

Cleans incoming water before it reaches the tank

02

MIXING TANK 500 L

Water and nutrients are mixed into one solution

03

DOSING 4×

Peristaltic pumps squeeze a tube to add exact nutrient doses

04

PUMPS 2 + 2

Two main pumps feed the plants; two backups take over if one fails

05

UV FILTER

Ultraviolet light kills bacteria in the circulating water

06

FLOW & WASTE

Flowmeter measures flow; a filtered tank collects used water

LED & light research

Broccoli has run extensive trials on how different light affects crop growth. With plants under LED light alone, this farm is ideal for such research.

LED TYPE	96 W slim LED tubes (original documentation)
SCHEDULES	Separate light timing for nursery and growing area
SPARES	3 replacement LED panels included in the sale

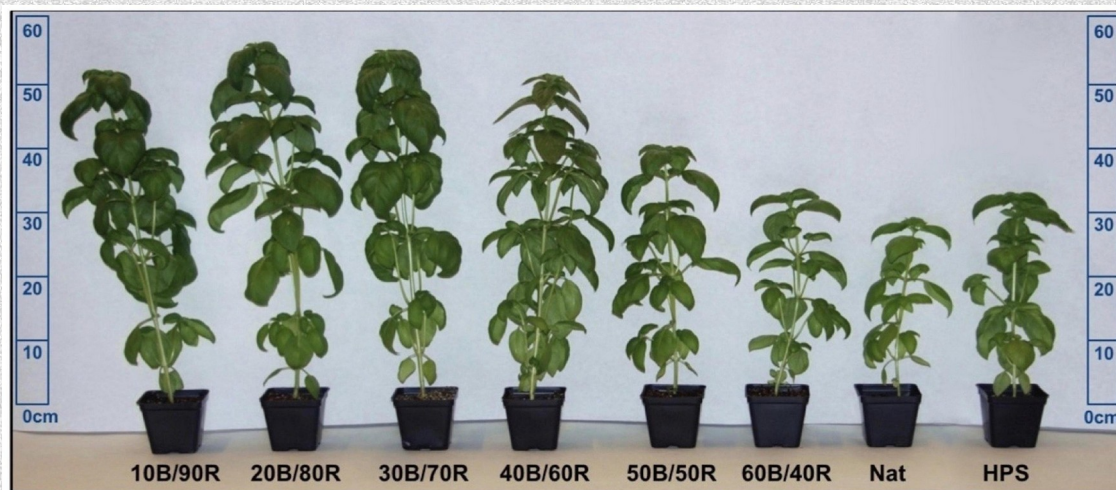


FIG. 03 One of Broccoli's light trials: basil grown under blue/red LED ratios (10B/90R to 60B/40R), natural light (Nat) and HPS lamps, with clear differences in height and form.



IDEAL FOR: light spectrum · intensity · photoperiod · cultivar and crop-recipe trials

Automatic control

A PLC (Programmable Logic Controller) is a rugged industrial computer. It follows its settings and switches the equipment automatically, around the clock.

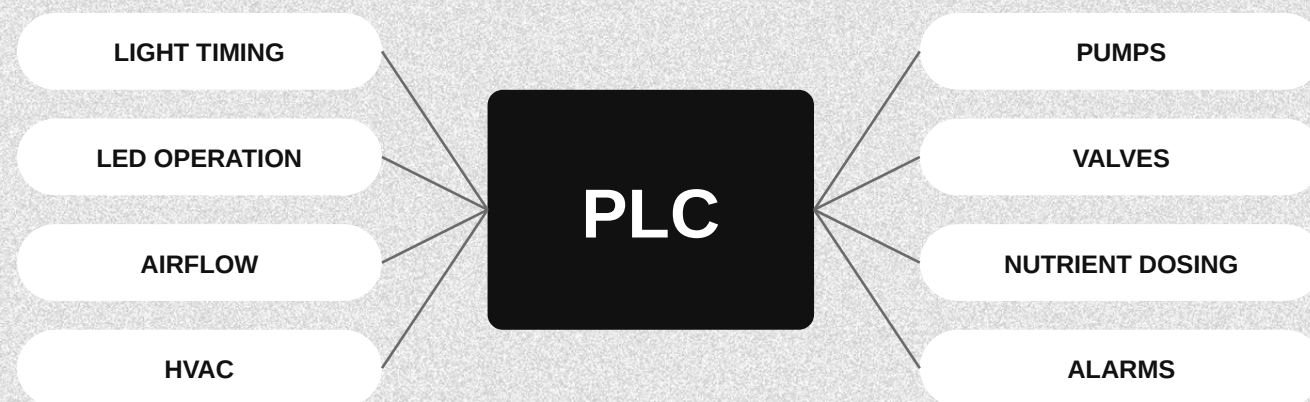


FIG. 04 What the PLC controls

HANDED OVER TO YOU

Configuration, program, passwords and parameters: full control from day one.



Proven in real production

Not just tested empty: this farm grew commercial crops for years.

EVIDENCE



3,200

plant places on the shelves
(recorded capacity)

4+

crops grown in production: basil,
lettuce, mint, lemon balm

2021

year of the detailed crop-trial data
set

Feb 2025

end of commercial production

What you can grow

Leafy greens and herbs suit NFT best: small, fast root systems, short growing cycles and a compact height that fits six tiers.

GROWN HERE BEFORE

Basil, lettuce/salad, mint, lemon balm (melissa)

ALSO SUITABLE

Coriander, stevia, arugula, romaine, spinach, pak choi

RESEARCH / SPECIALTY

Shiso (perilla), purslane, red amaranth, edible flowers, microgreens

Examples only. No yield, revenue or growing result is guaranteed.



Condition: tested and ready

HISTORY

Used for production until February 2025, then cleaned and kept frost-free

WATER CIRCUIT

Deliberately left empty to keep pipes and tanks clean; filled when the farm is restarted

KNOWN WEAR

Normal signs of use; light surface rust on some fan blades

RESTART

Done by the buyer, supported by the 8 hours of technical advice included in the price

FUNCTION TEST · APRIL 2026

✓ ELECTRICAL & ELECTRONICS

✓ AIRFLOW

✓ HVAC

✓ LED SYSTEM

Documentation

Available to qualified buyers for due diligence.

-
- DOC 01** **Technical specification V2.1**
The original, full description of the system
-
- DOC 02** **Pro forma & purchase documents**
Show the origin and the original configuration
-
- DOC 03** **CE documentation**
EU safety conformity for multiple components
-
- DOC 04** **Crop-trial & production records**
What was grown, and how
-
- DOC 05** **PLC program, passwords & settings**
Handed over to the buyer at sale
-



What is included

INCLUDED

- ✓ Container with all installed equipment
- ✓ Approx. 30 extra grow boards with different plant spacing
- ✓ 3 spare LED panels
- ✓ 2-hour handover
- ✓ 8 hours of technical advice and setup help, in English

NOT INCLUDED

- Transport, crane/sideloader and site works
- CO₂ bottles and regulators, nutrients, seeds, growing media
- Spare water filters
- Crop recipes, agronomy or production support beyond the 8 included hours

IN SHORT

The price covers the container, all installed equipment, spare grow boards, 3 spare LED panels, a 2-hour handover and 8 hours of technical advice.

Price and terms

EUR 59,000

excl. VAT · EXW Latvia · available now · transport extra

PAYMENT

30% DEPOSIT

when you place the order

70% BALANCE

before the container is collected

90 days

to plan and complete collection

EUR 200 / month

storage if collected after 90 days

EXW (Ex Works): the buyer collects the container from the seller's site in Latvia and arranges transport, or we organise it and recharge the actual cost.

Inspect before you buy

Visit the farm in Latvia,
or check it on a live
video call and approve
it remotely.

Delivery & site

PRICE BASIS

EXW Latvia: the buyer collects the container from the seller's site

TRANSPORT

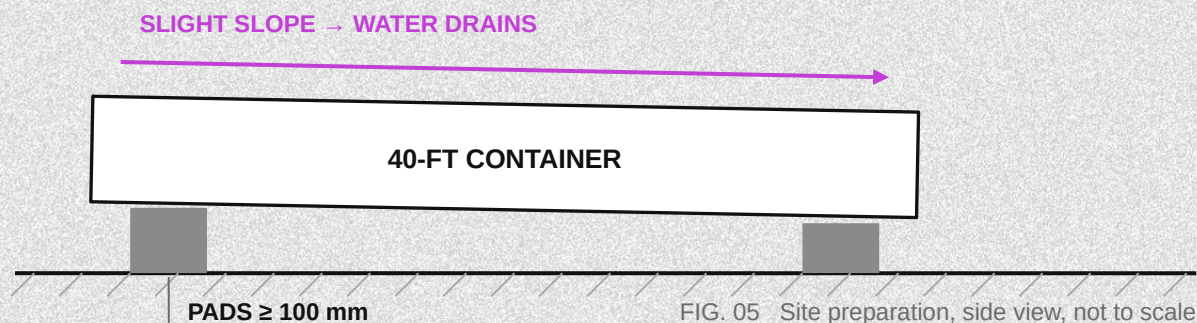
Your own, or we organise it door-to-door and recharge the actual cost

ACCESS

The site must be reachable by a crane truck or sideloader

RESPONSIBILITY

Site preparation and base works are arranged and paid by the buyer



YOUR SITE NEEDS

380 V · 3-PHASE · ~14 kW

WATER SUPPLY

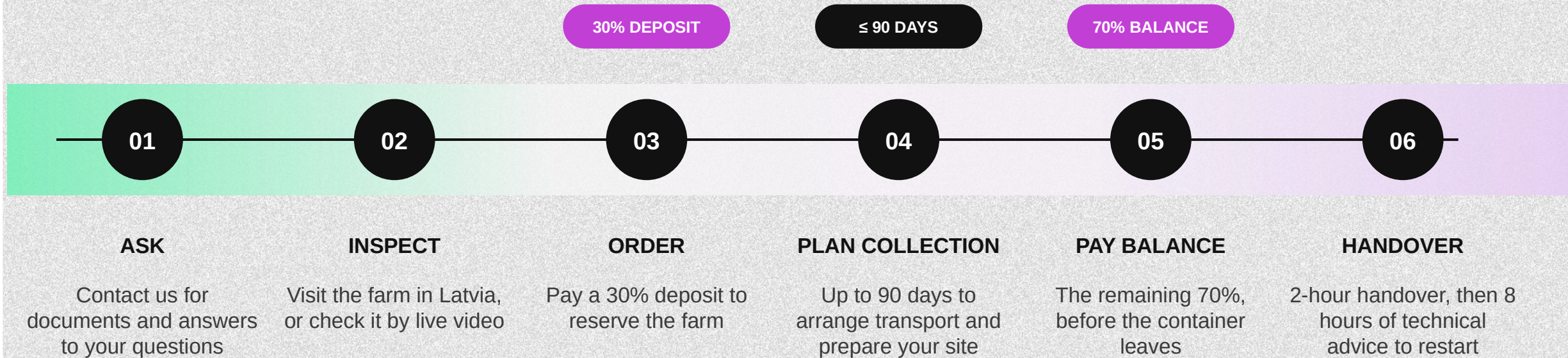
DRAINAGE

BASE FOR 10 t

How the purchase works

Six steps from first question to growing, with two clear payment points.

COMMERCIAL





LET'S TALK

Documents, a viewing date and transport options:
we will follow up with the details.

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EUR 59,000 excl. VAT · EXW Latvia