“Moving towards a sustainable future together”

- App. 200 million turnover
- App. 325 Employees
- New buildings / renovation
- Industrialisation since 2014
- Robotisation since 2016
The challenge!

Typology, affordability, technology.
But most importance

SOCIAL ACCEPTANCE
Boiler power > 30 kW: With gas we can (almost) heat every home individually
The energy transition is a challenge for **buildings, infrastructure** and the **production of energy**, but above all it is a **social challenge**.

Extra investment of €150-250 billion until 2050 + 20-25%
Most common heatpump
DIFFICULT

MEDIUM

EASY

5 miljoen woningen

2,7 miljoen woningen

< 1985

1985 tot 1995

1995 tot 2005

2005 tot 2015

vanaf 2015
We started to slice buildings into modular pieces

For volume we need several markets (PMC)
We started to slice buildings into modular pieces

- RENOVATION -
Gas:
Low insulation
Natural ventilation
High temperature
Comfort √

All Electric:
Low insulation
Natural ventilation
High temperature
Comfort
Insulation: RC >4,5
Ventilation with heat recovery
Low temperature
Comfort √
Focus: insulation systems for All Electric

% of labour “normal way of thinking”

Volatile job market: return after crisis <12%

From: → PREFAB → INDUSTRIALISATION → ROBOTISATION
1.000 gebouwen per dag?
From linear driven IT to integrated driven IT and selected copartners

Fly to Factory
Different steps on ‘1’ station

Optimize

From

To

And
Assembly
Assembly
It is a challenge we have to confront together.