



OUR SOLUTION TO YOUR PROBLEM

Exploit Regenerative Energy with
Thermally Activated Steel Sheetpiles

WE ARE

efficient

sustainable

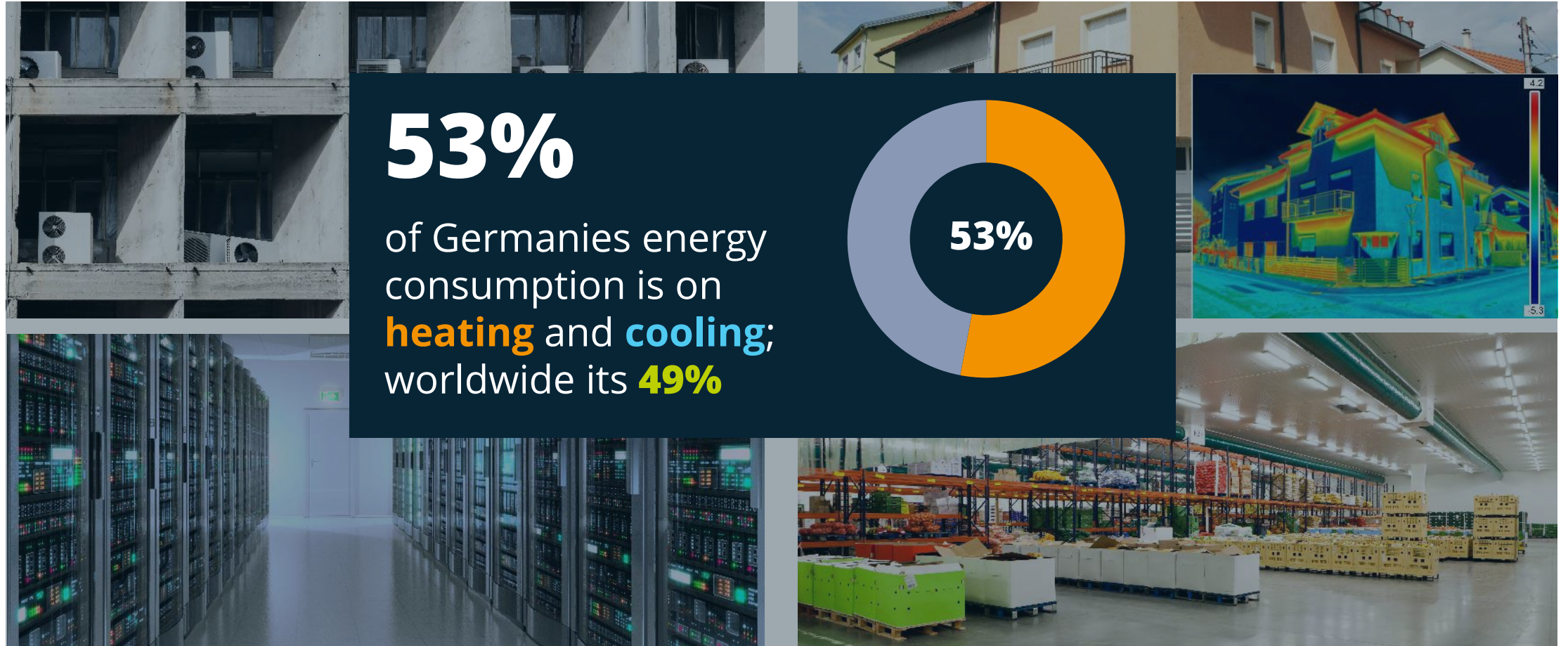
ecologic

innovative

emission-free

saving resources

FACTS OF TODAY



MORE FACTS OF TODAY



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- Humans influence the **climate** already for more than the last 100 years
- Every second the **rainforest** disappears more and more
- **Use of fossil fuels** pollutes our world in many ways
- Animal and plant life take massive damage

**YES! WE CAN DO
SOMETHING
AGAINST IT!**

SHAPING THE FUTURE

Clean Water and Environment



Happy People



Bountiful organic Agriculture



Green Cities, worth living in



Healthy Forrest



WE PRESENT:

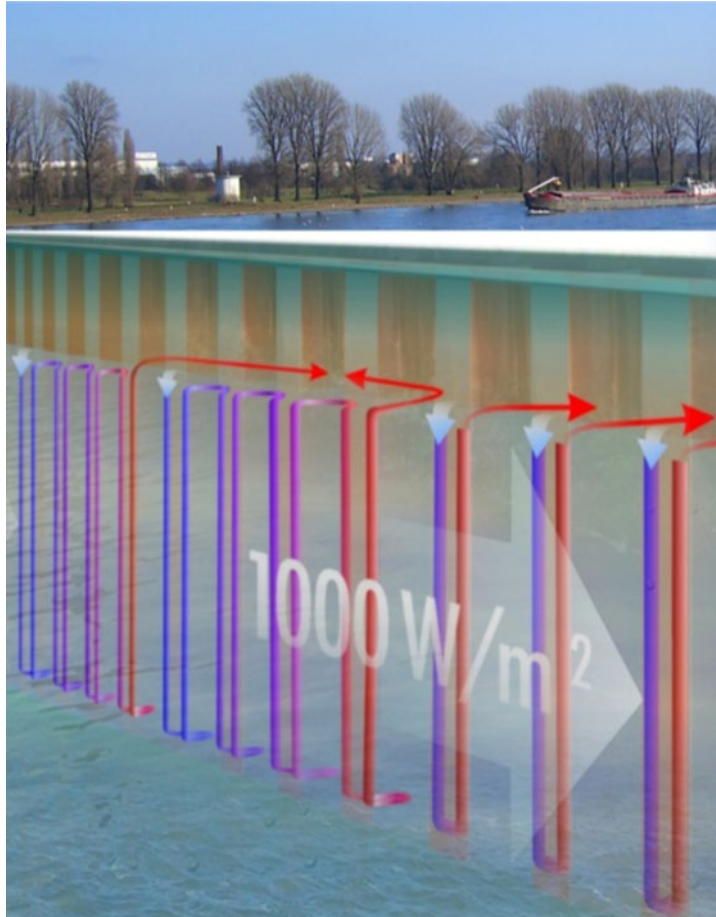
**PATENTED INNOVATION IN THE FIELD
OF RENEWABLE ENERGY**

GREEN ENERGY, INEXPENSIVE AND ENVIRONMENTALLY FRIENDLY

REDUCTION OF CO₂-EMISSIONS

HIGH RETURN ON INVEST FOR RESPONSIBLE INVESTORS

THE MILESTONE: ENERGY SHEETPILES



- Optimum convective and turbulent heat transport with water
- Maximum heat transition at the boundary layer
- Highest thermal conductivity within the large-scale steel sheetpile
- Highest cost-benefit-efficiency of all collector systems
- **PATENTED** Energy Sheetpile Walls:
The Energy Source of the Future

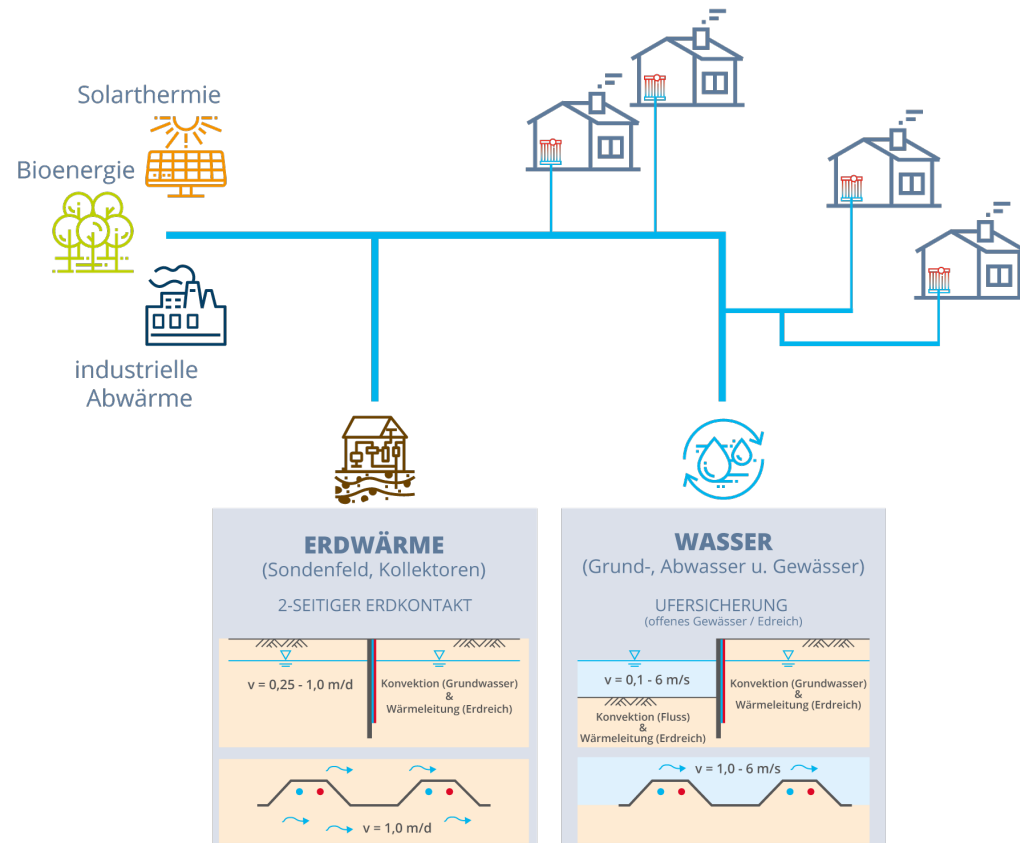
Published on 26 Mai 2021

European Patent (Sheet Piles)
Nr.: EP 2 374 942 B1

European Patent (Refit System)
Nr.: EP 3 486 378 A1

THE BASIC SYSTEM: SOURCE-COUPPLING AT COLD DISTRICT GRIDS

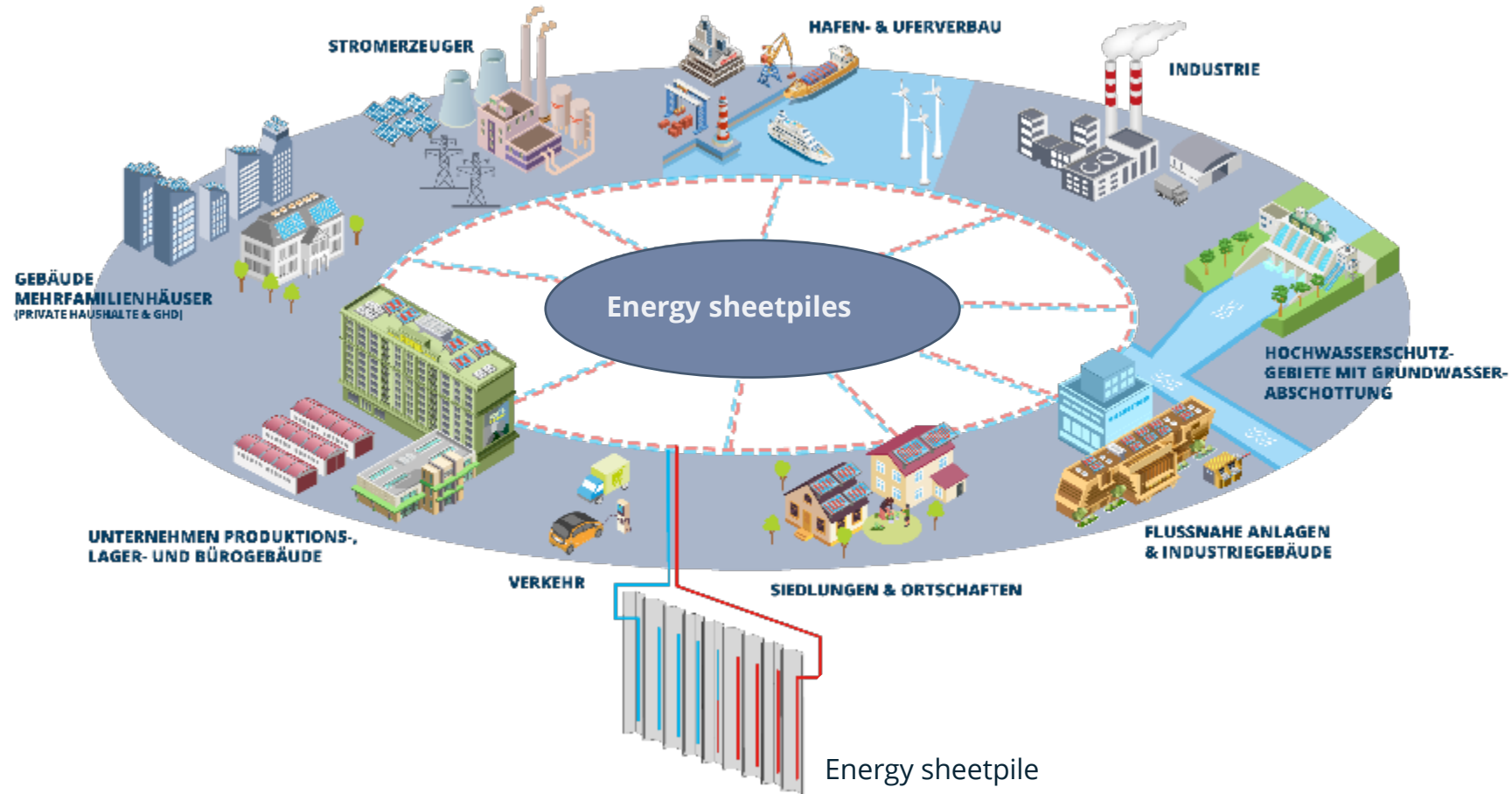
KALTE NAHWÄRME MIT WÄRMEPUMPEN



System integration: Energy sheerpiles combined with other energy sources to ensure best supply reliability for electricity, heating, and cooling:

- Solar energy
- Wind energy
- Deep geothermal energy
- „Green“ hydrogen
- Other energy sources and Power-to-X

OUR SUPERSTRUCTURE: APPLICATIONS & TARGET GROUPS



TARGETED THINKING SOLUTION-ORIENTED ACTION

- Usage of **Environmentally Economic Instruments:**
Environmental levies and subsidies, tradable use rights
- Environmentally oriented **Research** and **Project Development**
- **Innovation Partners:**
Universities, politics, economy. environmental associations
- **Cooperations:**
with environmental corporate managements, economically strong enterprises
- **Patented:**
Licencing agreements worldwide

INTERNATIONAL AWARDS

NENnovation AWARD 2020

Innovative method for generating energy from quay wall structures with energy sheetpiles



NENnovationAWARD 2020

Winnaar (categorie commissieleden/klanten)

CRUX Engineering

Energie Damwand

Een innovatieve methode om energie te onttrekken uit kademuurconstructies

Delft, 16 oktober 2020



Jappe van der Zwan, Hoofd NEN
Voorzitter jury NENnovation



VDBUM Förderpreis 2017

FÖRDERPREIS
FÜR HERAUSRAGENDE
PROJEKTE

ENERGIEERZEUGUNG DURCH
STAHLSPUNDWAND



MARKET ANALYSIS „WÄRMEWENDE“ – HEATING & COOLING

- **Decarbonization** is the order of the day!
- Declared goal of the EU: **climate-neutral** building stock by **2050** (2045 in Germany)
- In 2020, **49%** of the world's energy demand consumed for **heating & cooling**. Hereof, **only 10.4% is renewable** to date.
- By 2050, **without any increase** in consumption, about **50 million GWh** per year must become renewable for heating & cooling worldwide.
- Future Energy Technologies PLC aims for a **quota** of **10%** of the **renewable capacity** to be **installed** by:

2025: **0,3%** | 2030: **1,0%** | 2035: **3,0%** | 2050: **10,0%**

ANNUAL MARKET POTENTIAL HEAT TRANSITION TIL 2050

- no cost increase considered
- w/o global rise of consumption
- w/o CO₂- trading effects



Mean Invest
per GW



Performance Gap
per year (worldwide)

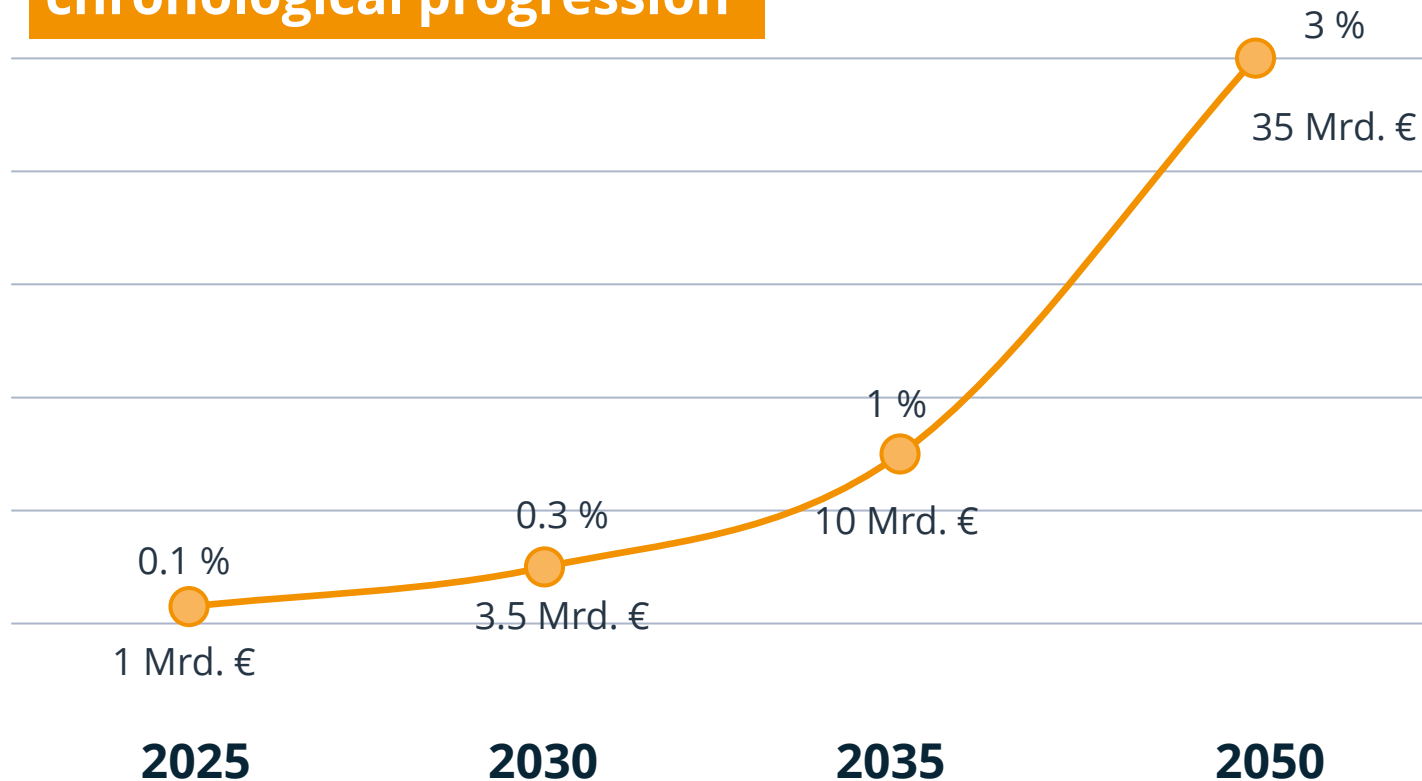


Heat Transition
per year (worldwide)

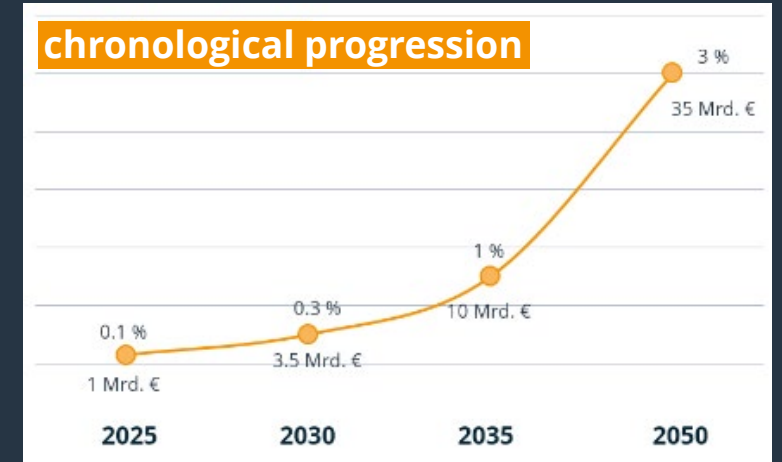
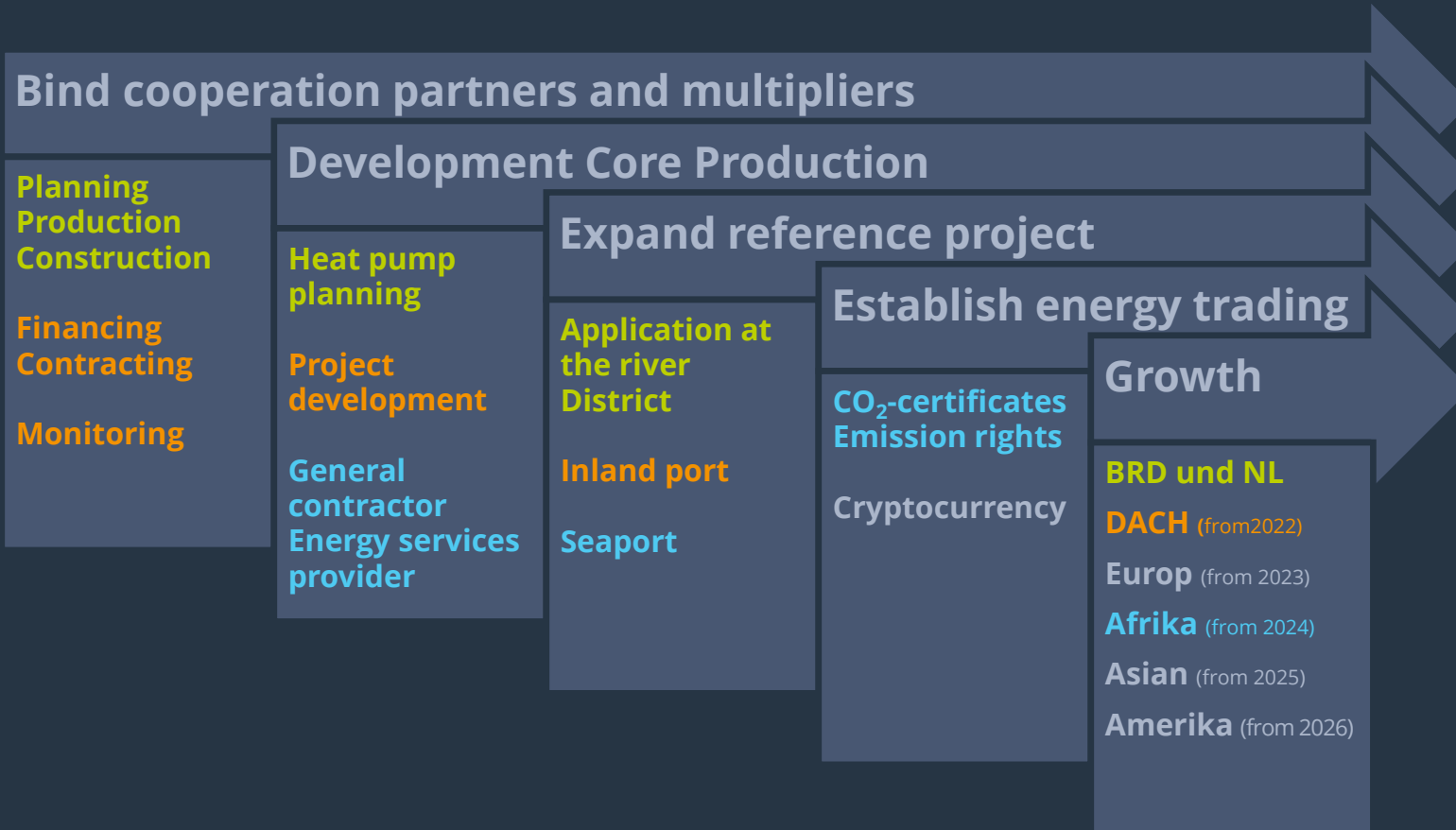
Source: IEA

OUR TARGET: MARKET SHARE IN THE GLOBAL HEAT TRANSITION

chronological progression



GLOBAL EXPANSION STRATEGY



grün = operativ
 gelb = fachlich definiert, in Umsetzung
 blau = strategisch definiert

MARKET STRATEGY AND EXPANSION

- 2021 → start in Germany with initial projects
- 2022 → accelerator-project „Havel- Quartier Potsdam“
Expansion into DACH-Region and Benelux
- 2023 → expansion international business Europa
- 2024 → start international business (Afrika)
- 2025 → start international business
(Asia, Northern Amerika)

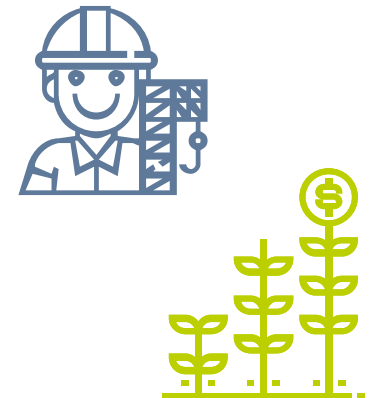
**WE ARE PREDESTINED FOR
"GREEN DEAL" EU-ORDERS**



OUR ENTRY OFFER

- Public limited company with **10.000.000** stocks
- Market with global annual sales in the billion range
- Continuous **increases** in **sales** and **profits**

- **Target price** for **2025**: €320 (at a P/E ratio of 20)



INVENTOR & FOUNDER



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**DO YOU WANT TO BECOME
A PART OF IT?
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OUR BUSINESS IN THIS MARKET:

- **Licensor** for patent use worldwide
- **Project Developer** or **General Contractor**
- **Cooperating Partner for:** climate protecting and economically strong companies and networks
- **Cooperating** Energy Contractor
- **Digging** of CO₂ Certificates and Emission Rights
- **Commercial Partner on Innovation and Research** for Universities, Politics, Business & Environmental Associations

OUR MISSION:

**THINK GOAL-ORIENTED,
ACT SOLUTION-ORIENTED**