KRAFT
BLOCK

Pioneering High Temperature Thermal Storage

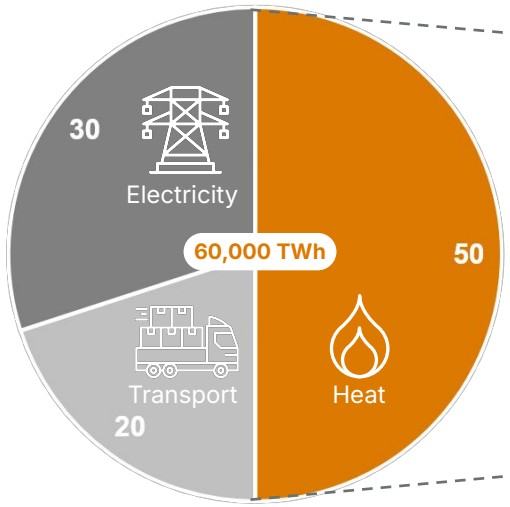
Grid-resilient, cost-competitive solution for industrial heat

October 2025

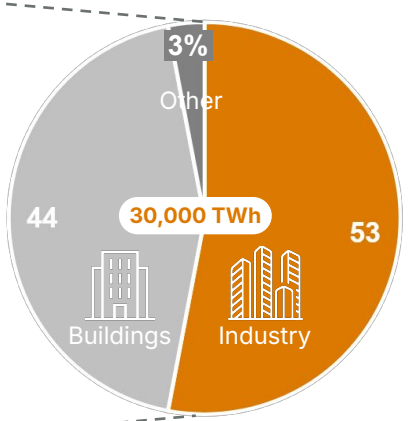
The Industrial Heat sector is a huge market needing decarbonisation

Heat is different

Global energy demand by sector (% final energy consumption 2022)

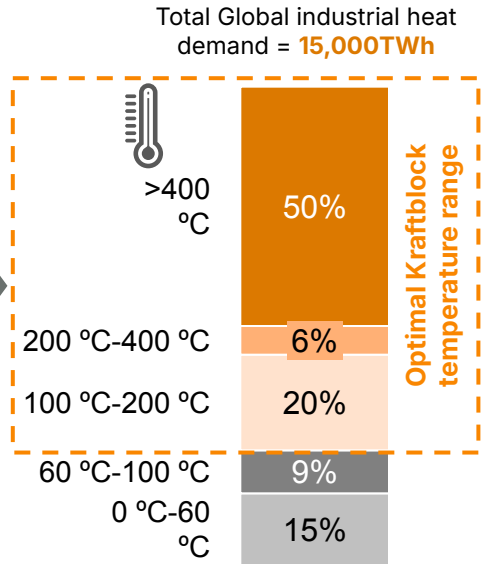


Global heat demand by sector 2022 (% final energy consumption)



Industry heat

Industrial heat demand by temperature (% final energy consumption 2022)



Note: Other = agriculture. Building heat is mostly <100 °C | Source: SAP Global Commodity Insidghts. International Energy(IEA)

- Process heat makes up **~74% of industrial energy demand**
- Majority still comes from **fossil fuels** (gas, coal, oil)
- Electrification is complex without the ability to **store and control heat**
- Waste heat is often **unused or dumped** due to lack of storage

Kraftblock's modular thermal energy storage (TES) platform provides a **solution to resilience and to decarbonize the industrial heat demand**

- Kraftblock's market potential includes **electrification** and **waste heat recovery projects**
- Leading to an annual **market potential** of more than **160 Billion €** in 2026[1] for heat demand >100° (estimate for Europe is at least 25% of this)

[1] Following a series of assumption on the average waste heat fraction in industrial processes (~16%), a average price for unit of heat (~32€ MWh) and deducted from an annual total heat consumption in 2021 of 219 EJ (~60000 TWh), thereof ~53% from industrial processes.

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Validated in Industry. Scaling Now.

2014

Technology development

2019

POC stationary in operations (TRL 7)

Waste-Heat-Recovery

2020

POC mobile in operations (TRL 6)

Waste-Heat-Recovery

2024

TATA STEEL

20 MWh, gross in operations (TRL 8)

Waste-Heat-Recovery

2025

Eneco PEPSICO

70 MWh / 150MWh under execution

Electrification of Heat

Deep expertise backed by powerful partners and investors

Dr. Susanne König (CEA & Co-Founder)
+20 years experience as CFO of Trucktec & leadership roles in Finance

Dr. Martin Schichtel (CEO & Co-Founder)
+20 years experience in material development, production & sales in TES & energy efficiency in heavy industries

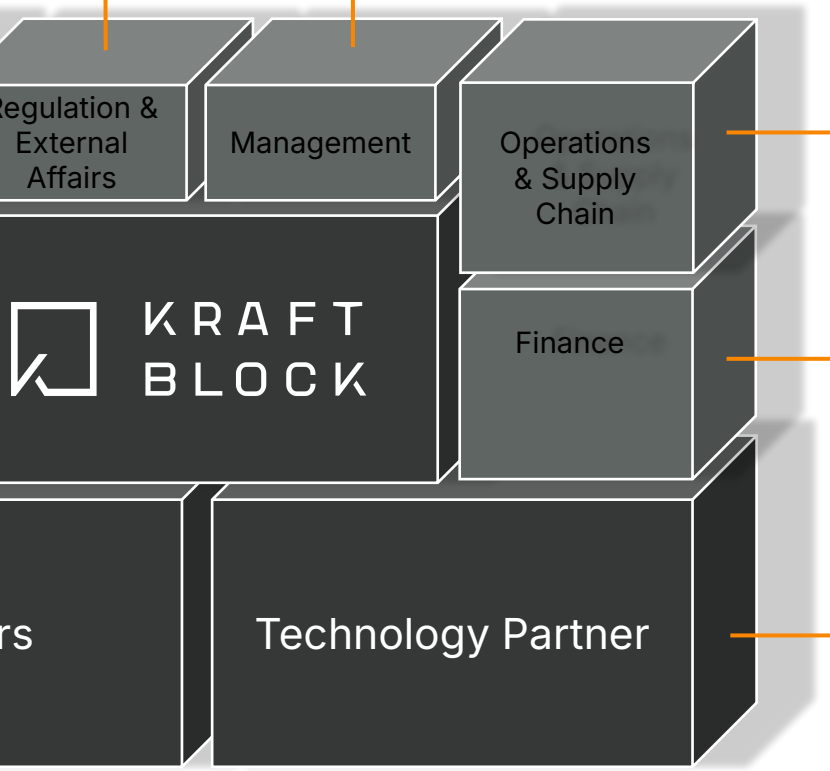
Florent Baudu (CCO)
+25 years experience in technical sales, (Fives, McPhy)

Christian Kissling (Head of Sales)
+25 years experience in B2B energy sector sales (Mitsubishi, Hitachi)

Karsten Dieckhoff (VP Engineering)
+25 years experience in engineering & technical project management (Saipem, Technip)

Dr. Christian Gebhardt (COO)
+16 years experience in operations and supply chain (Wayfair, Kearney)

Mark Page (CFO*)
30 years professional experience in prof. services, and corporate finance (HH2E, Kearney)



MOORE VENTURES, finindus, a&g, future industry ventures, TechEnergy Ventures, KOOLEN INDUSTRIES, FREIGEIST

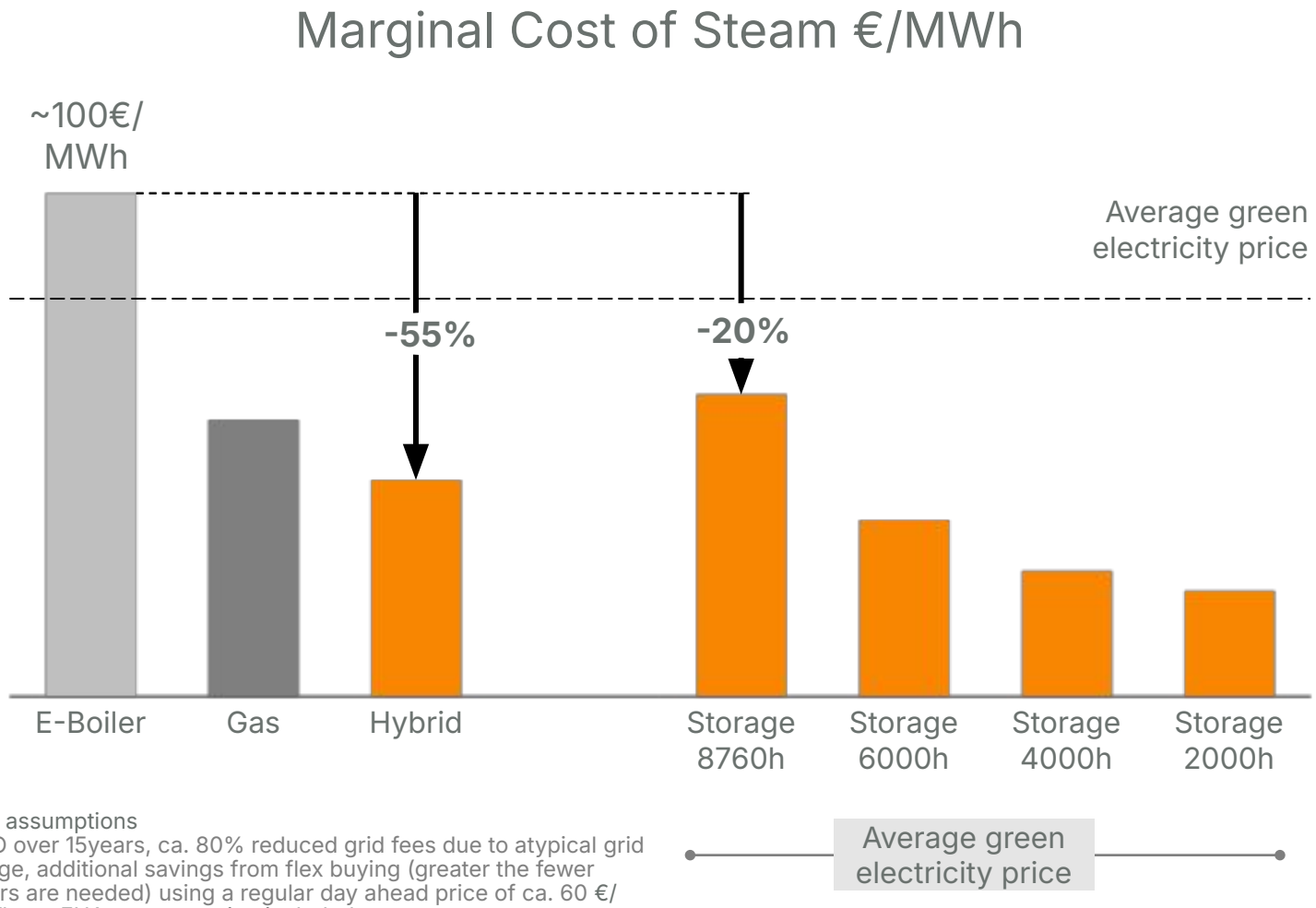
Eneco, MITSUBISHI, TLT-Turbo, iqony, es:saar

* interim

Proven material, modular system, multiple uses

Core material w/ fast reaction	Scalable TES	Modular energy system
▪ Stores up to **1300 °C** w/ **85% upcycled content**	▪ **Modular** & **scaleable** to industry needs	▪ Modules can deliver **hot air**, **steam** on demand
▪ **15,000+ cycles**, tailored to **use case needs**	▪ **>95% efficiency**, 40+ a lifetime, 5 patent families	▪ Proven across multiple **PtH** & **WtH** projects
▪ IP-backed with **5 patent families**	▪ **Retrofit-ready** for existing heat networks	▪ Proprietary control to react to volatile electricity prices

We target cost parity (or better) to current fossil solutions



Key assumptions
TCO over 15years, ca. 80% reduced grid fees due to atypical grid usage, additional savings from flex buying (greater the fewer hours are needed) using a regular day ahead price of ca. 60 €/ MWh, no EUA compensation included

Source: Engie

- Standard electrification (heat pump, e-boiler) has a cost gap between green electricity and gas
- TES solution allows **optimised electricity cost** (charge at cheapest times)
- Hybrid solution allows customer to use existing gas plant at times of high electricity prices (or „Dunkelflaute“) so is *per se* the **lowest marginal cost**
- Capex for new TES plant must be amortised and raises the total cost (levelised cost of heat, LCOH) but this is set against greater **efficiency, resilience and in-year energy spend** (can also attract subsidy/grants)

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We have a strong sector focus, with most traction in northern Europe so far

Sector

Target sectors	Temp Range	Applications	Why Now
Food & Beverage	150–300°C	Frying, drying, steam	ESG-driven buyers, short ROI cycles
Chemicals	200–600°C	Thermal oil, steam, reactors	Regulatory pressure (EU ETS, CSRD)
Ceramics & Glass	600–1,200°C	Kilns, preheat	No electrification alternatives
Steel & Metallurgy	400–1,000°C	Specific process steps (e.g. sintering)	High CO_2 intensity, few solutions
Cement & Building Materials	>800°C	Specific process steps (e.g. calcination)	Critical ESG pressure, slow grid access
Pulp & Paper	150–300°C	Steam	ESG-driven buyers, short ROI cycles

Market

Promising geographic markets are those with:

- High renewable penetration in the energy production mix and grid pricing aligned to heavy users and storage applications
- Supportive political landscape for subsidy and funding schemes for green tech and sustainability projects
- Our primary markets in terms of pipeline: DACH, Benelux, Nordics, India, Australia
- Also in focus for our business development teams given market characteristics: Iberia, South America

Three Revenue Pillars. One Scalable Platform.

Turnkey System Sales

- Industrial customer or EPC buys full system
- Kraftblock supplies core hardware modules plus O&M contract, plus digital capabilities[1]
- Kraftblock works on system level optimisation and control, eventually integrating other components and taking a higher share of TCV
- Multi-billion SOM with 20+% margins

Heat-as-a-Service

- Kraftblock takes the lead to build and operate the asset, working with an EPC and then a local O&M provider
- Delivers heat under long-term (10-20 years) €/MWh offtake contracts
- Electricity sourcing managed by Kraftblock with local partners
- Financed via infrastructure capital, backed by client balance sheet
- Huge cash flow potential on top of system sales

Technology Licensing

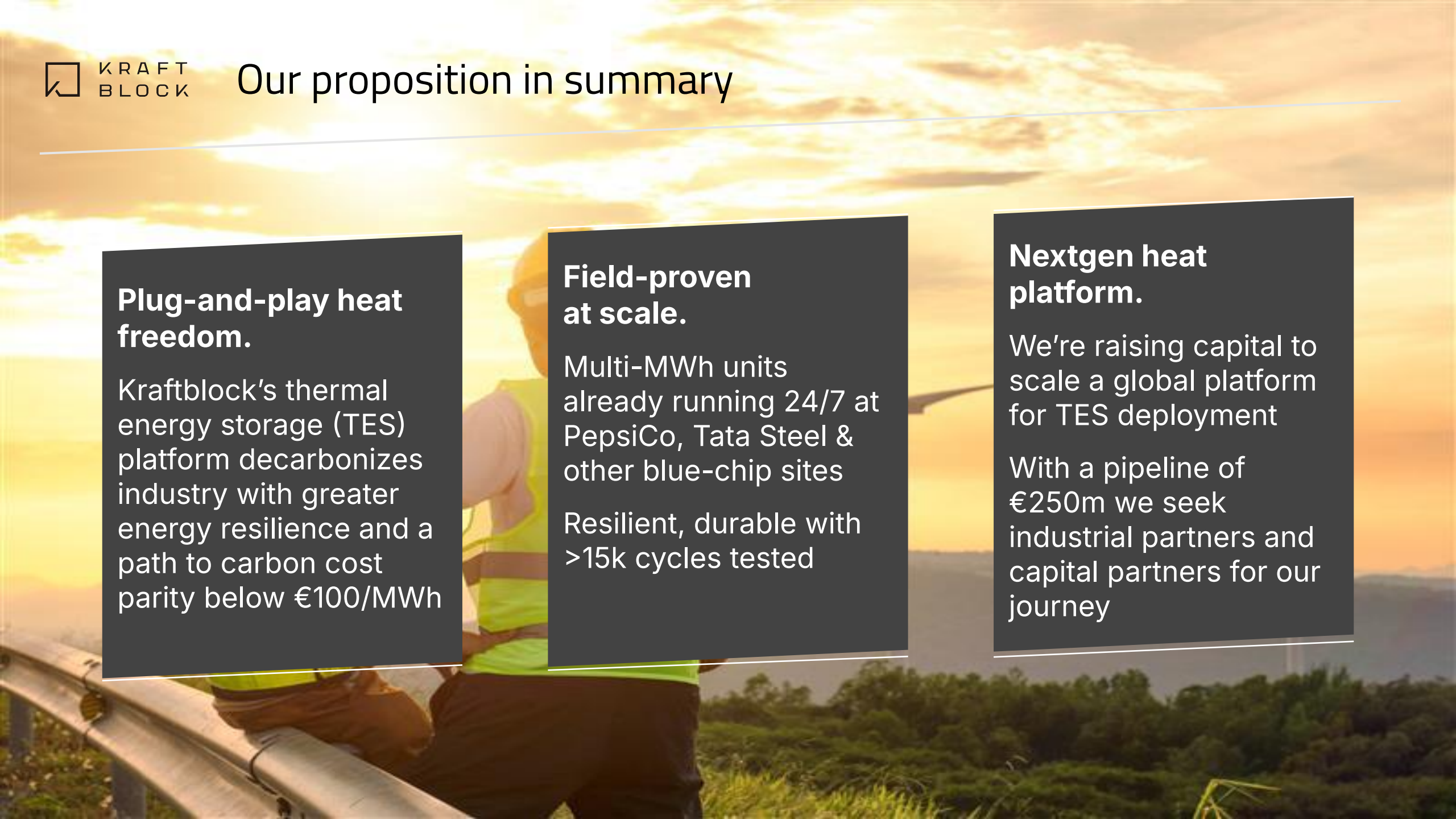
- Utilities/IPPs or EPCs become regional roll-out partners
- Kraftblock licenses tech, supports engineering, supplies material/ IP and will provide digital capabilities[1]
- Fastest route to geographic scaling and standardization, especially outside Europe
- Huge addressable market with partners and higher % returns

Established

Under development

[1] will include aspects of smart dispatching (load vs. grid vs. storage), Predictive maintenance via thermal cycle analytics, Integration into ERP and process control systems (Modbus, OPC UA), SaaS interface for fleet management, carbon tracking, and performance benchmarking

Our proposition in summary



Plug-and-play heat freedom.

Kraftblock's thermal energy storage (TES) platform decarbonizes industry with greater energy resilience and a path to carbon cost parity below €100/MWh

Field-proven at scale.

Multi-MWh units already running 24/7 at PepsiCo, Tata Steel & other blue-chip sites

Resilient, durable with >15k cycles tested

Nextgen heat platform.

We're raising capital to scale a global platform for TES deployment

With a pipeline of €250m we seek industrial partners and capital partners for our journey

Significant capital opportunity, dual track raise

Strategic Equity Investment

Participation in Kraftblock's scalable IP & tech company

10-20m equity raise to fund platform/tech scaling and commercial capability, building on our €20m series B three years ago

VC style returns underpinned by sales volumes and developer equity from HaaS business

Arm's length relationship with infrastructure projects but benefiting from extra market firepower

Infrastructure Investment

Participation in heat delivery (HaaS) projects via dedicated vehicle(s), corporate structure open

Predictable cashflow from long-term contracts with industrial counterparties: >50% bank debt targeted to deliver project equity returns of 10-12%

Initial project size typically €20-30m euros equity, 1-2 projects p.a. growing to 100m+ per annum

Seeking 1-2 exclusive/preferred project equity providers

We are substantially derisking the investment case

Key Issues	Kraftblock Approach	Future Focus
Technology maturity, scaleability	TRL 8, >€10m in client projects	Drive down total system cost/capex
Value protection	Proprietary tech, IP moat, basis for licensing income	Ongoing R&D commitment
Long buyer cycles	Clear sector focus and HaaS approach to maximise market opportunity	Investment in regional sales capability, partnerships
Power pricing	Client bears power price risk even under HaaS (pass-through)	Team with specialists to offer hedged solutions for clients
Project execution	Partnerships with credible utilities, EPCs, developers	Build smart procurement and contracting capability to manage EPCs and clients
Counterparty risk	Focus on tier 1 industrials	Global expansion via partners/licensing

- We strongly believe that our business can successfully deploy infrastructure capital into HaaS projects meeting all usual bankability tests. This will reinforce the attractiveness of our turnkey/tech business in the market
- For current and future investors in Kraftblock GmbH (including founders) the business continues to offer a powerful equity upside with a scaleable proprietary solution, strong pipeline, synergies with HaaS and upsides in digital, IP licensing
- Governance, cross-participations and arm’s length contracts to protect returns and interests for investors with different positions in the cap stack

Timing and next steps

- We will launch a Phase 1 process with detailed Investor Memorandum (including details of our first planned HaaS project) later in Q4 and be available for structured management Q&A in early 2026
- We are seeking NBOs for the Kraftblock equity investment and/or indicative funding structures for the Infrastructure business in February 2026
- Phase 2 process with full DD targeted for March-June; key VDD reports will be available
- Target closing strategic equity and funding/governance structures finalising by late Q3
- Client FID for first planned HaaS project is expected summer 2026 (target ready-to-build and funds drawdown Q2 2027)
- **Next steps**: discuss teaser and process with interim CFO Mark Page (mark@kraftblock.com). Complete NDA.

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