



# SCALABLE. SUSTAINABLE. **READY TODAY.**

Join us building the backbone of  
tomorrow's energy systems.

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Over a decade ago, a simple idea took shape: using buoyancy to generate clean electricity. Today, ENERGY TOWERS is ready – where innovation, demand, and opportunity converge.

**Join us in powering a  
zero-emission future.**

*Zeki Akbayir*



**ZEKI AKBAYIR**

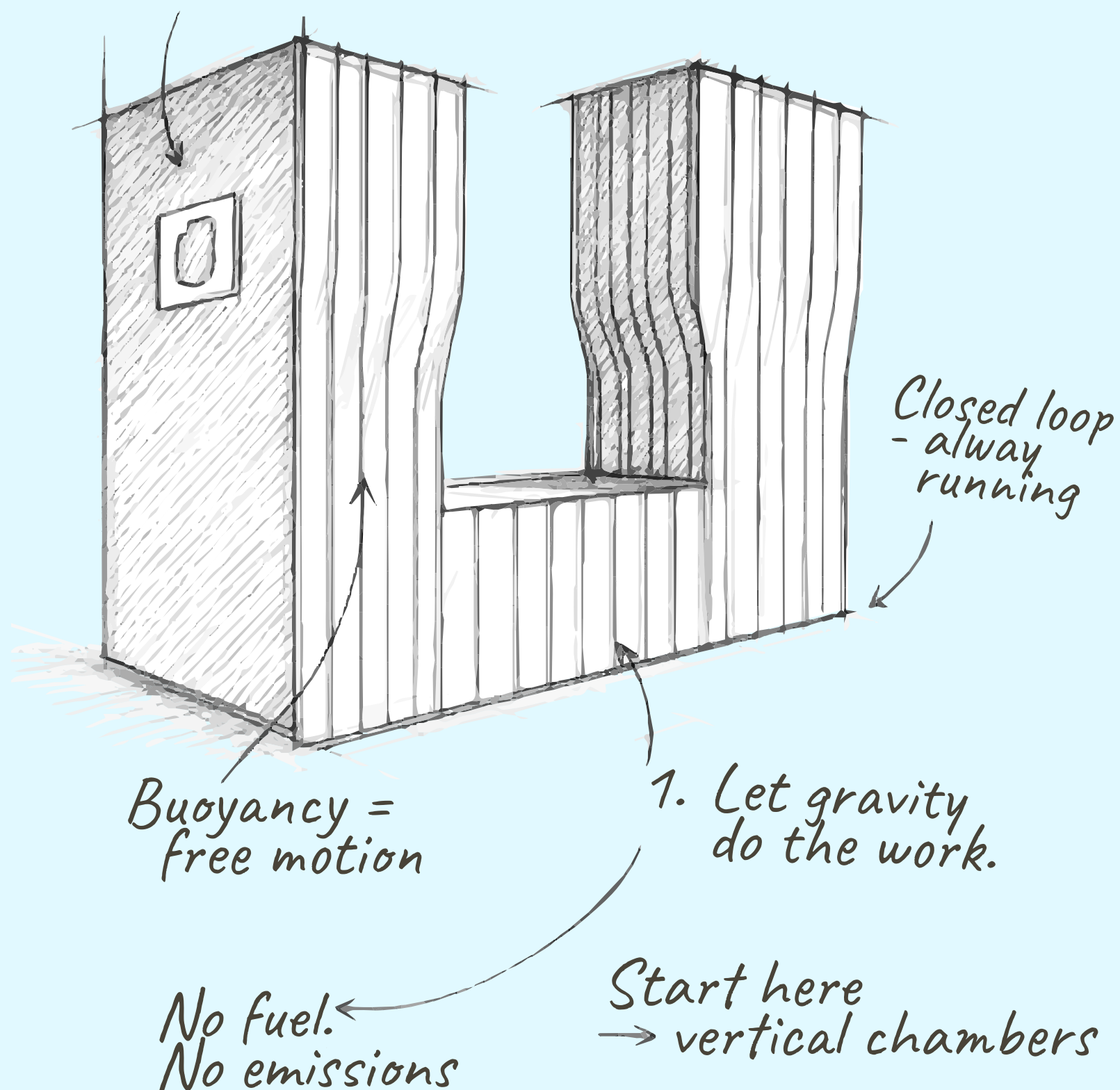
Founder & Initiator



IT BEGAN WITH A QUESTION:

# “CAN BUOYANCY CREATE CLEAN ENERGY?”

*What if air  
could rise ...  
and generate power?*







# LET'S BUILD SOMETHING BETTER.

Energy supply shouldn't depend on weather, distance, or scale. It should simply work – for everyone, everywhere.





# HOW BUOYANCY BECOMES ELECTRICITY

Simple physics. Revolutionary results.

Inside the ENERGY TOWERS, air-filled chambers rise through water, creating a continuous upward force. This motion powers a chain drive system, converting kinetic energy into electricity. A steam piston—powered by industrial waste heat—enhances the process. The result: scalable, CO<sub>2</sub>-free electricity, running 24/7 without the need for sun, wind, or combustion.

- ✓ CO<sub>2</sub>-free electricity from physical principles
- ✓ Operates reliably and weather-independently
- ✓ Efficiency: ~25% with up to 8,000 full-load hours/year
- ✓ Use of sustainable energy sources for green electricity



# 100%

CO<sub>2</sub>-FREE



**NO SUN. NO WIND.  
NO COMBUSTION.**

# 24/7

ELECTRICITY



**≥ 25 %**

SYSTEM  
EFFICIENCY



**8.000**

FULL-LOAD  
HOURS/YEAR –  
including planned maintenance





# DESIGNED FOR GLOBAL DEMAND

A flexible solution for the energy transition –  
at any scale, in any location.

The world needs scalable, sustainable energy systems. ENERGY TOWERS addresses this with unmatched flexibility. From off-grid communities to heavy industries, they deliver continuous power wherever it's needed. The addressable market potential in Europe alone exceeds 10 billion euros.

## Use cases:

- Industries with high volumes of waste heat like cement, steel, ceramics, and chemical industries
- Remote communities with weak grid infrastructure
- Microgrids and off-grid industrial parks
- Waste heat integration across energy-intensive sectors






# BEYOND THE ALTERNATIVES

Built to outperform where others compromise.

ENERGY TOWERS deliver base to peak-load power in one system – scalable, lowmain-tenance, and remotely monitored. Built on timeless physics, ready for global impact.

	 ENERGY TOWERS	RENEWABLE ENERGY	FOSSIL FUELS	NUCLEAR ENERGY
24/7 electricity	✓	✗	✓	✓
Weather independence	✓	✗	✓	✓
CO <sub>2</sub> -free operation	✓	✓	✗	✓
Scalable from 100 kW to >100 MW	✓	✓	✓	✗
Decentralized deployment possible	✓	✓	partially	✗
Base-, medium-, and peak-load capable	✓	✗	✗	✗
Maintenance effort	low	medium	high	high
Utilizes low-grade temperatures	✓	✗	✗	✗
Remote monitoring & diagnostics	✓	✓	✗	✗





# FROM PHYSICS TO PROFITS

The technology is ready. The market is waiting.

After more than ten years of development and validation, Energy Towers is entering its Realization process. A €16M equity round is scheduled for mid-2025 to fund the prototype and support further growth.

Shares are already tradable OTC. An IPO is planned for 2026. With strong founder investment, the company is built on long-term commitment and clear financial upside.

€400M+ forecasted  
EBITDA by 2030

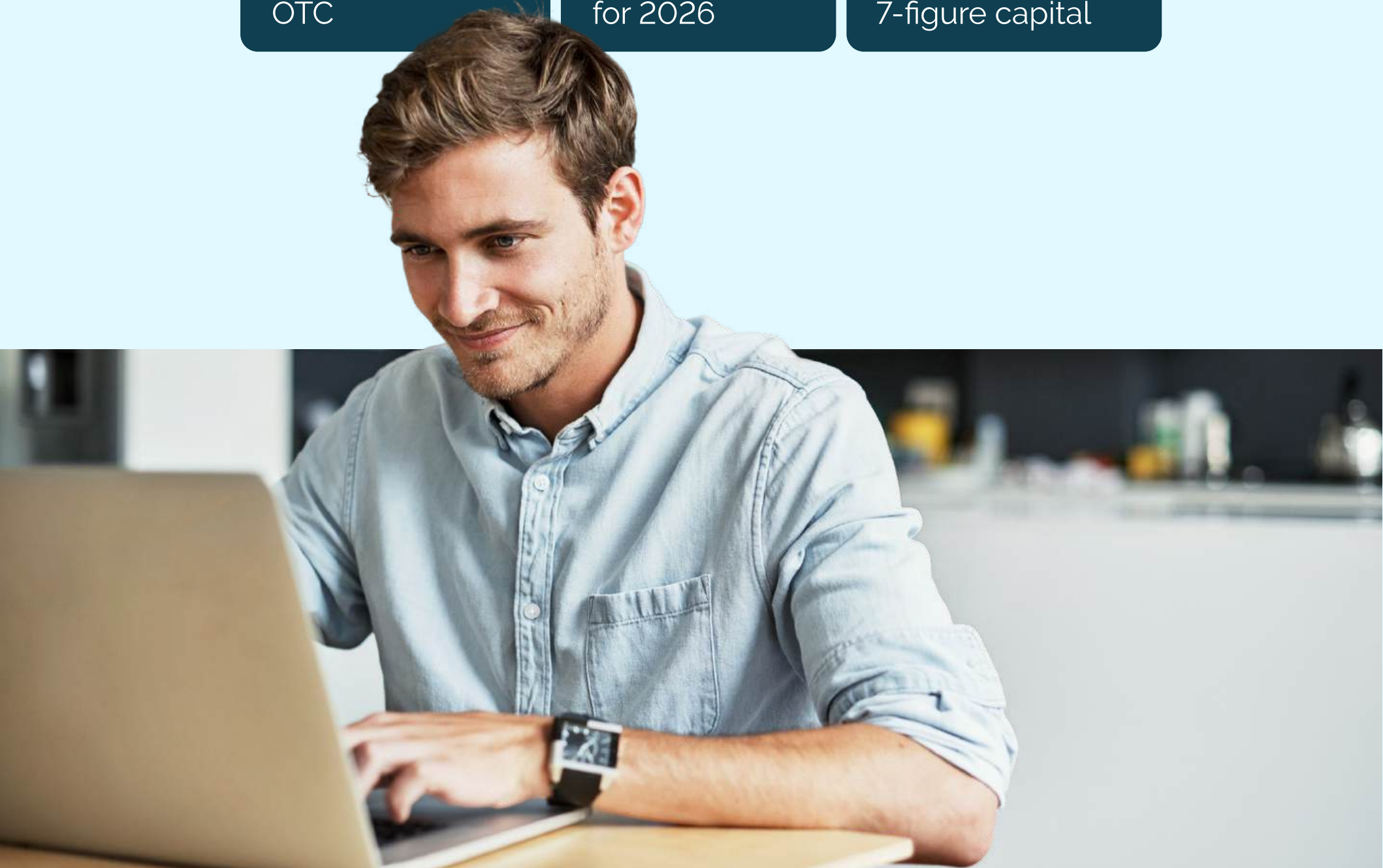
€16M investment  
round in 2025

Time to proof-  
of-concept

Shares available  
OTC

IPO scheduled  
for 2026

Founder invested  
7-figure capital







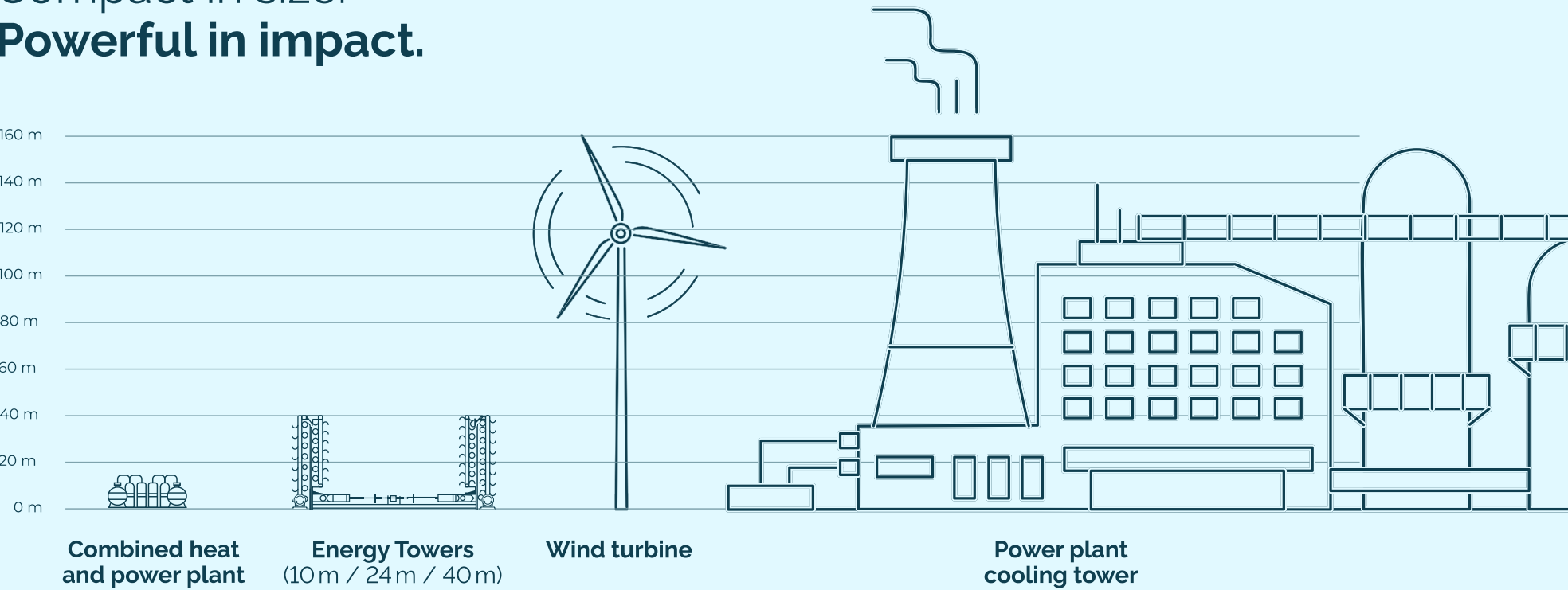
# SCALING THE FUTURE – WITH YOU

A first-of-its-kind energy system needs bold partners.

ENERGY TOWERS Holding AG is preparing to build its first operational prototype. With € 16 million in targeted funding, the company will finalize system planning,

secure BaFin approval, and begin pilot construction by mid-2025. Strategic partnerships are forming now—with long-term scale in sight.

Compact in size.  
**Powerful in impact.**



✓ €16 million funding, prototype starts

2025

✓ Pilot plant & IPO preparation

2026

✓ Scaling & international licensing

2027

✓ >400 plants with a total capacity of >400 MW

2030








# THE PEOPLE BEHIND THE MISSION

Engineers, researchers, and visionaries with a decade-long commitment to change.

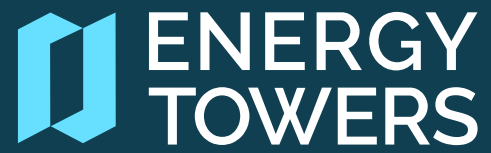
ENERGY TOWERS Holding AG was founded in 2021 after more than ten years of development. Led by inventor Zeki Akbayir and supported by leading institutions such as KIT, the team combines deep technical expertise with entrepreneurial drive. We believe the energy transition needs new physics—and new people who dare to make it real.

-  **10+ years:** R&D
-  **Founded in:** 2021
-  **Located in:** Leimen Germany
-  **Partnered with:** KIT & industry
-  **Funding round:** for prototype 2025
-  **Proof-of-concept:** 2026
-  **IPO:** 2026

<b>Jürgen Spiegelhauer</b> Chair of the Supervisory Board	<b>Zeki Akbayir</b> CTO	<b>Reinhard Artes</b> Deputy Chair of the Supervisory Board	<b>Barbara Kuhn</b> Sales Principal	<b>Nicola-André Hagmann</b> Marketing Manager
<b>Dr. Ulf Auerbach</b> Member of the Supervisory Board	<b>Stephan Ballweg</b> CEO	<b>Ecevit Emre</b> Chair of the Supervisory Board	<b>Baran Sönmez</b> Business Development Manager	







# INVEST NOW. POWER TODAY.

Join the movement redefining energy for  
the next generation.

**ENERGY TOWERS Holding AG**

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**INVEST NOW!**

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