Dotz.

Capture the Future

Advancing Material Science. Shaping Industry and Climate.

Innovating today for a sustainable tomorrow.

Sorbent innovation. Industrial solutions.
A cleaner, more efficient future.

Dotz Nano Limited

ASX: DTZ | OTC: DTZNY / DTZZF

Investor Presentation | July 2026 | info@dotz.tech

One platform.
Two engines of decarbonisation.

WHO WE ARE

A science- and engineering company reducing carbon across industry — by capturing CO_2 and by preventing it with energy efficiency solutions.

Dotz.EARTH

Next-gen sorbent & carbon capture platform

Proprietary AMP sorbents engineered for the cost, efficiency and durability demands of industrial carbon capture. Commercial traction underway.

Dotz.Energy

Energy optimisation & decarbonisation

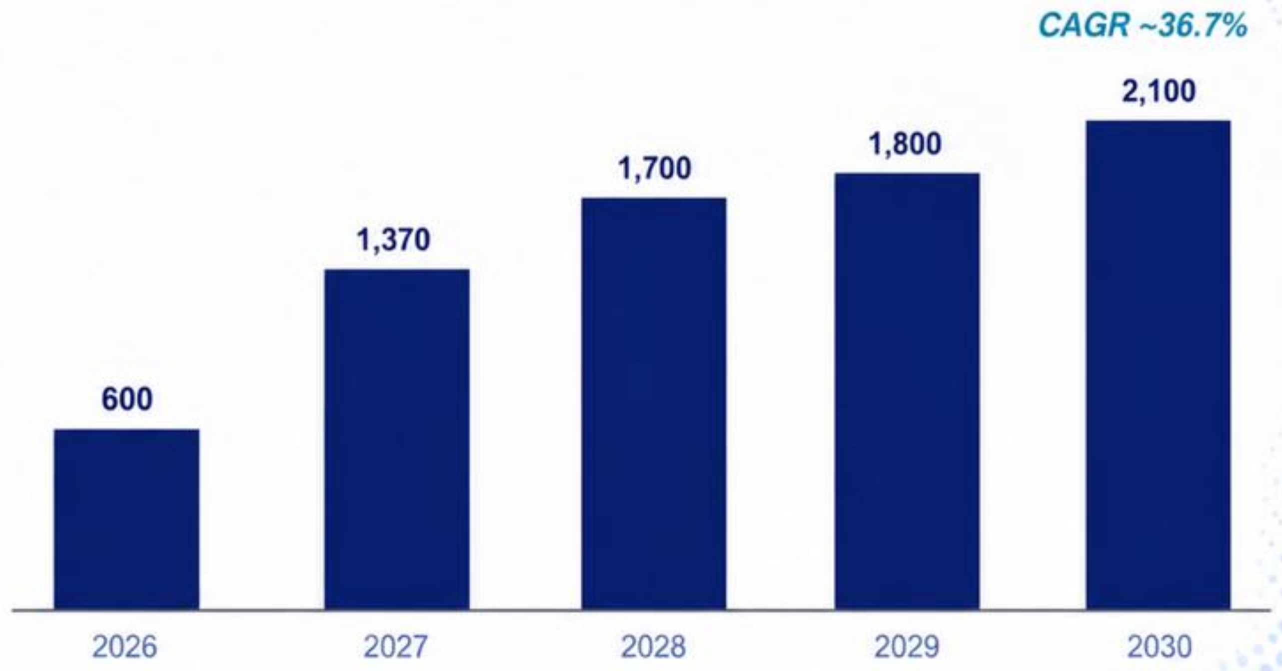
Cloud-enabled heat exchange, storage and capture that cuts energy use and carbon in hospitality and commercial property. Owned and operated in-house.

Dotz Earth | Sorbents Market Expected Growth

$600m
Estimated DAC sorbent market in 2026

3.5×
Market growth from 2026 to 2030

$2.1bn
Estimated sorbent market by 2030



Management estimate based on IEA CCUS projects database (2025). Key assumptions: 3,000-cycle durability, 3-hour cycle, low-temp TVSA, 1 tpa DAC unit, $50k/tonne sorbent.

High-performance CO_2 capture sorbent materials.

DIFFERENTIATED PERFORMANCE[1]

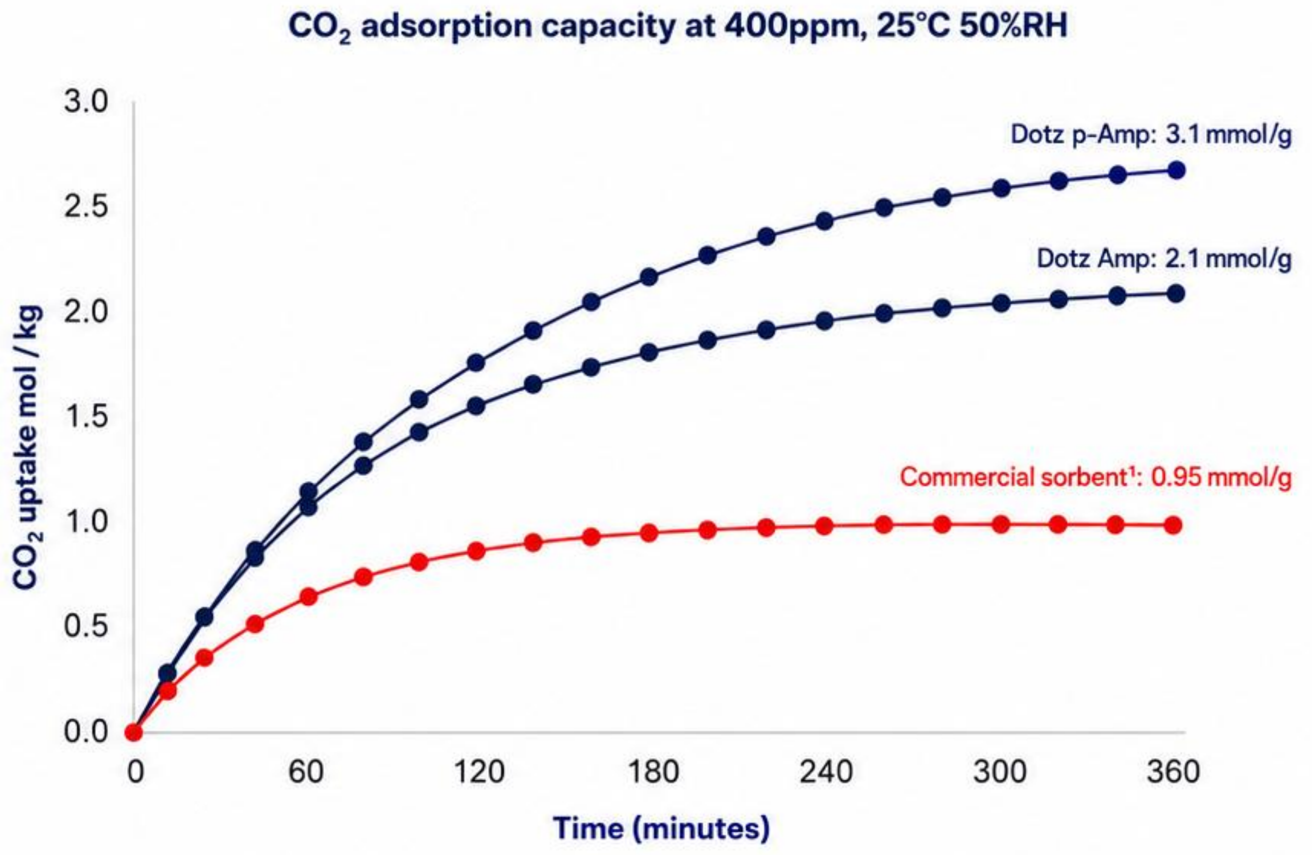
>2×	CO_2 capture capacity
>3×	Sorbent cyclability
Low°C	Low-temperature regeneration

Independently verified by end-users

Results consistently outperform commercial benchmarks across all applications

Patent-protected IP

Patents filed in US, EU and Asia. Proprietary formulation and production methods protected as trade secrets



[1] Internal analysis and independent 3rd party validation testing; Commercial DAC sorbent: Lewatit VPOC 1065 amine grafted

DOTZ EARTH

Dotz Earth | Expanding carbon utility pathways

DOTZ EARTH

Commercial update

Commercial pipeline / partner progress

1	2	3	4	5
1st communication	NDA	Lab evaluation	Lab/bench demonstration	MoU / collaboration agreement
			soletair power	Hengst FILTRATION

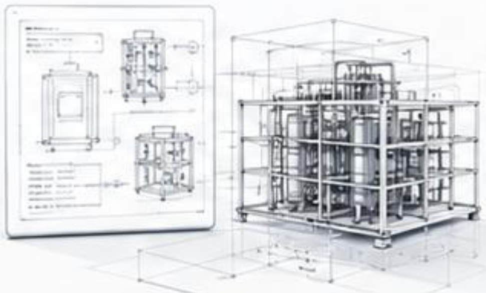
Introducing Dotz.Energy

Developed through the collaboration of our chemists, engineers and commercial team to help large institutions reduce energy use, lower emissions and unlock carbon value.

From materials science and chemistry to engineered energy decarbonisation solutions.

1 Materials science & chemistry

2 Engineering & product development



3 Dotz Energy platform

4 Measurable decarbonisation impact

- Lower energy use
- Lower emissions
- Carbon capture / carbon value

THE CHALLENGE

High Energy Consumption and Carbon Emissions.

Hotels, hospitals, nursing homes, and large institutions require hot water around the clock.

This relentless demand drives high energy use, heavy carbon emissions, and rising costs.

Legacy boilers burning diesel, mazut or LPG create waste, high costs and CO_2 emissions.

[A]

$200–400K
Annual hot-water cost per large hotel

[B]

30–40%
Of hotel energy used for water heating

[C]

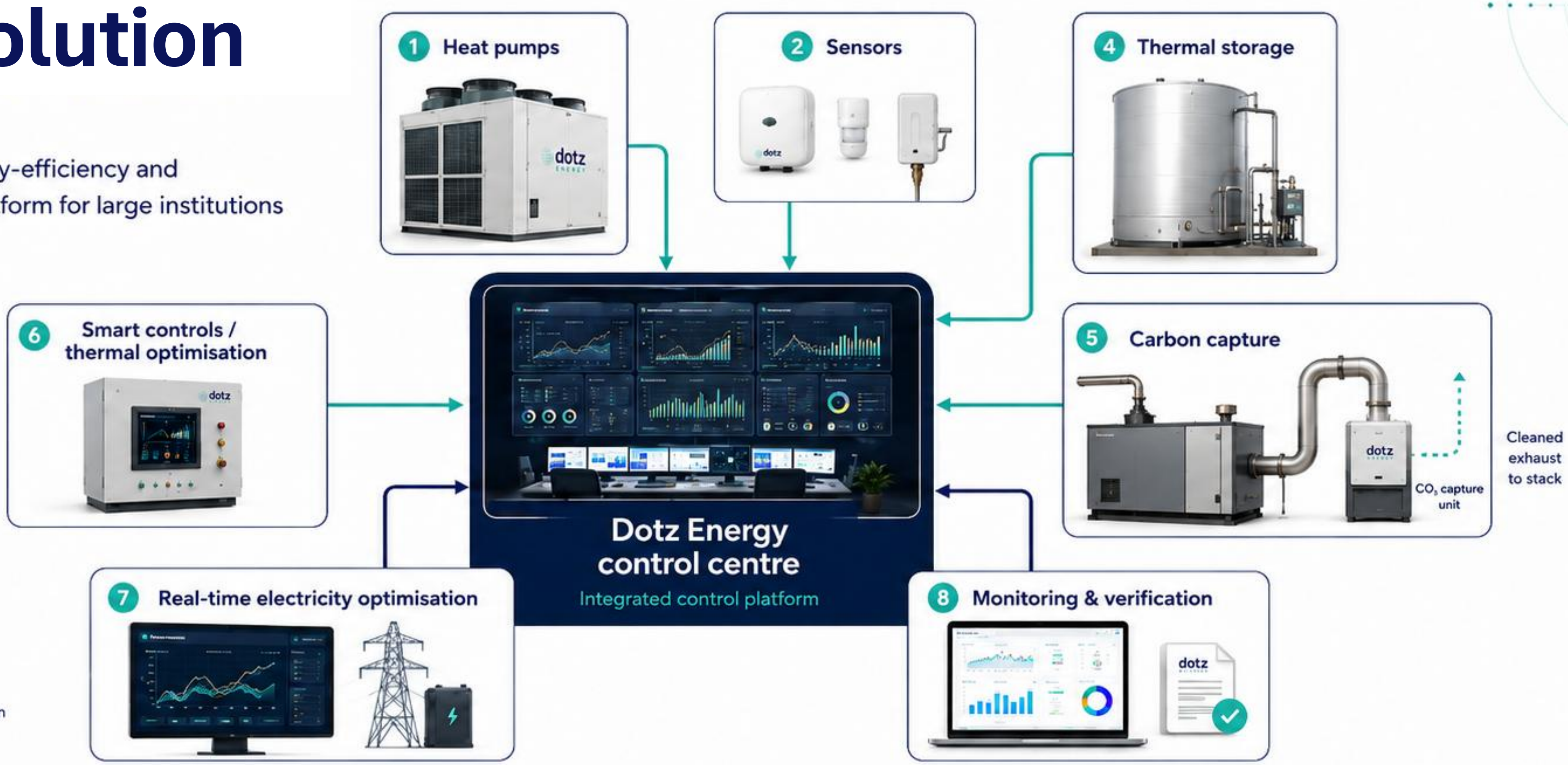
80%
Potential CO_2 reduction with renewable heat

Dotz. Energy

Basis / source note: Internal Dotz Energy modelling for 100 GJ useful heat; boiler efficiency/COP/grid-intensity sensitivity.
External references: IEA heat-pump emissions guidance; UK Warm Homes Plan efficiency statement; U.S. EIA & EPA emission factors. Site-dependent; not a guarantee.

Our Solution

An integrated energy-efficiency and decarbonisation platform for large institutions



Data & control

Insights & optimisation

Lower energy use | **Lower operating costs** | **Reduced emissions** | **Continuous optimisation**

The Impact

Energy efficiency that supports decarbonisation

60–80% [1]
lower energy use

Up to
80% [2]
lower carbon emissions

Operational savings
Reduce costs and improve efficiency

Lower emissions
Cut carbon and support decarbonisation goals

Smarter energy management
Better control and optimisation

Built for complex energy users

Hotels
Guest comfort & hot water

Hospitals
24/7 critical operations

Nursing homes
Reliable heating demand

Large residential complexes
Central plant efficiency

Central town heating
Efficient heat distribution

Basis / source: Dotz Energy internal modelling for equivalent useful hot-water demand, comparing legacy diesel/mazut boiler systems with heat-pump-based thermal systems. Assumptions include boiler efficiency and heat-pump COP sensitivity. Public reference points: IEA, UK Government Warm Homes Plan, U.S. EIA CO_2 emissions coefficients, and U.S. EPA GHG emission-factor methodology. Outcomes are site-dependent and are potential, not guaranteed. *Indicative only*

Business Model

Shared savings, fully funded and performance-based.

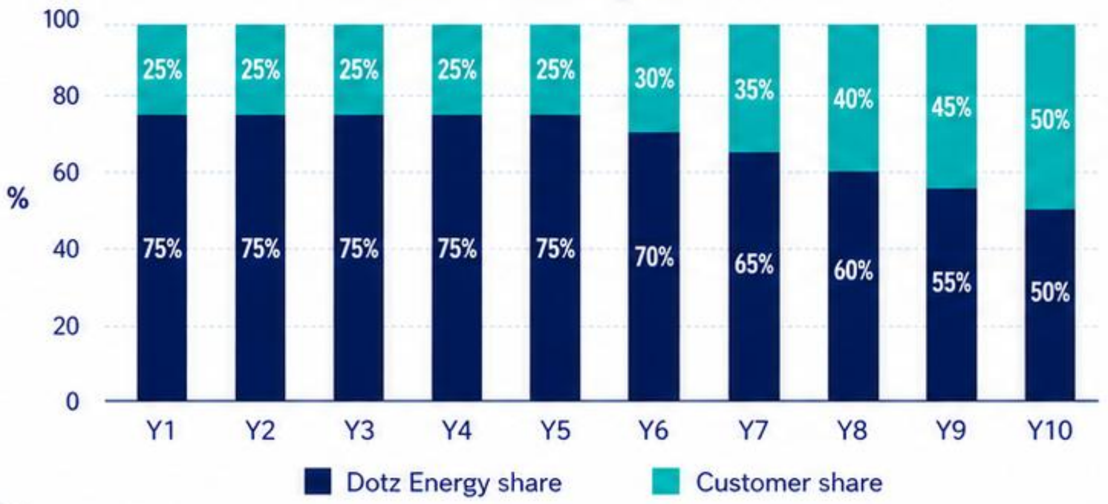
Dotz Energy funds the system, installation, monitoring and optimisation. Customers share only in verified savings while benefiting from lower energy use and lower carbon emissions.

Performance-based, shared savings

Savings are measured and verified. Shared transparently over time.

Dotz Energy — $ — **Customer**

Share of verified savings over time



Dotz Energy share

75%

for the first 5 years, then cascading down 5% per year to a 50/50 split.

Deposit fee — guaranteed return.

A one-time deposit fee is required to start. **Dotz Energy guarantees first-year savings to be at least equal to the deposit fee.**

Impact for customers

60–80% lower energy use

Up to 80% lower carbon emissions

Operational savings — Reduce costs and improve efficiency.

Lower emissions — Support decarbonisation goals.

Smarter energy management — Better control and optimisation.

Aligned outcomes. Shared success. | We succeed when you do. **Lower energy. Lower carbon. Lower cost.**

MARKET OPPORTUNITY

Customer Energy-Savings Pool

Modelled estimate

Illustrative customer energy savings pool through system electification with the Dotz Energy Platform.

Illustrative Base Case

A$38.3B / year

Estimated customer-side cost reduction opportunity derived from third-party energy data and Dotz Energy model assumptions.

Technically Eligible TAM

910 TWh

Base case thermal pool

Illustrative Avoided Operational CO_2

91 $MtCO_2$

Annual net saving (base case)

Illustrative Scenario Range (Sensitivity Analysis)

Scenario	Thermal TAM (TWh/yr)	Delivered Fuel Price	Efficiency Savings	Customer Savings Pool
Low	302	A$10 / GJ	45%	A$4.9 Billion
Base	**910**	**A$18 / GJ**	**65%**	**A$38.3 Billion**
High	1,919	A$25 / GJ	75%	A$129.5 Billion

Modelled using thermal energy volumes rather than building counts.

Base case regional split is illustrative and based on energy proxies.

- **Advanced Economies:** 55%
- **EMDEs:** 45%

Important qualifications

- Figures are Dotz Energy estimates based on third-party public data and stated assumptions.
- Customer savings pool is not company revenue and should not be interpreted as a revenue forecast.
- Outputs are sensitive to delivered fuel prices, technical eligibility, remaining fossil share, and efficiency assumptions.
- Actual outcomes vary by site, geography, tariffs, grid emissions, and engineering constraints.

Internal methodology summary

IEA: The Future of Heat Pumps

US EIA: CBECS Lodging & Healthcare profiles

DCCEEW: Commercial Buildings Baseline

Disclaimer and important notice

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Join our journey

Thank you to our investors for your confidence and continued support.

We value ongoing communication with investors as Dotz Earth begins to commercialize and Dotz Energy moves to execution.

Thank you for your support.

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ENERGISING COMMUNITIES.
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