

INVESTOR PRESENTATION · 2026

POWERING THE FUTURE

Clean, abundant energy for all

Independently validated catalysed-fusion (LENR) energy generator – modular, dispatchable, near-zero carbon, and commercially energy sales starting in Q4 2026.



STRICTLY CONFIDENTIAL · For accredited & professional investors only

■ THE OPPORTUNITY

The energy we need is cleaner and cheaper. Today's options are not

Our entire civilisation and economy depend on energy, and that energy needs to be both clean and affordable. Nothing on the horizon offers both. The available paths, firmed 24/7 renewables, fission and fusion, are all higher-cost, years away and limited by grid capacity.

€4–8m / MW

to firm 24/7 renewables, and still years to build

€10–20m / MW

for fission; fusion is expected to cost more

7-10 years

for fission, hot-fusion & SMR peers to reach first offtake, at best

Introducing the EnergiCell®

A patented low-energy nuclear reaction (LENR) technology that produces thermal and electrical energy from the hydrogen and oxygen in water, delivered as modular 100 kW generators and sold as energy-as-a-service. No radioactive materials. No harmful radiation. No rare-earth or toxic metals.



Decentralised

Generates on-site, off-grid capable



Low-cost

Built for \approx €500k/MW, in days



Near-zero carbon

Low-carbon today, near-zero from 2027



Modular & portable

100 kW gensets, scaled to MW+



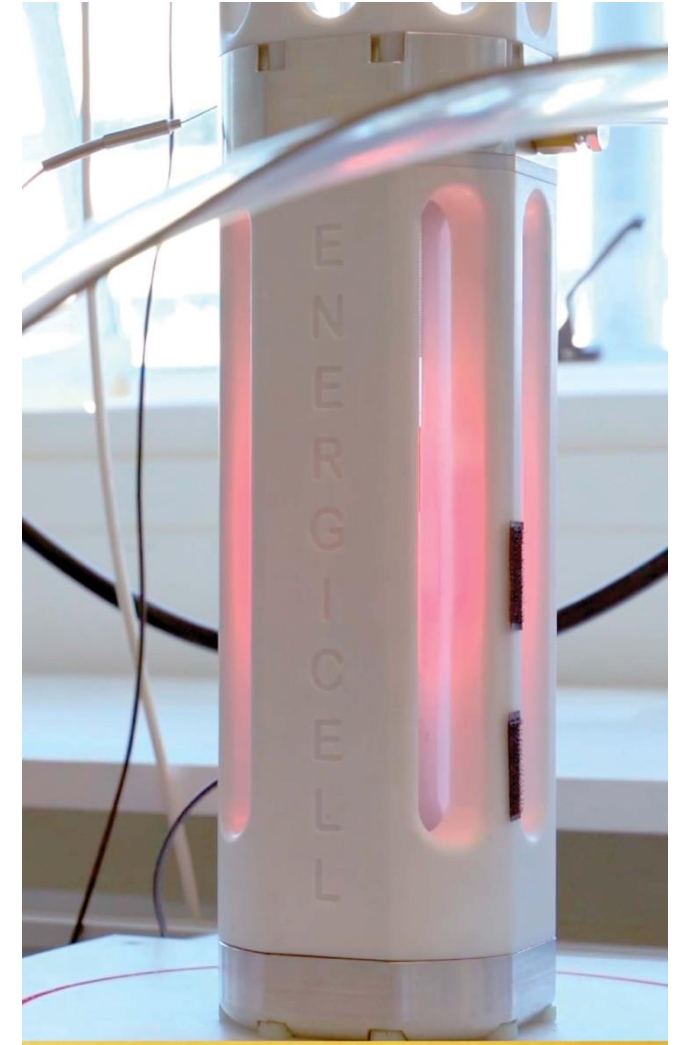
No harmful radiation

None detected above background



Resource-light

Fuelled by the H₂ & O₂ in water



Ten times more energy out than electricity in

COP 10

energy out per unit of electricity in,
independently validated to be self-
powering

1

Water in

H₂O enters the
EnergiCell



2

Split

An electric field
separates it into
H⁺ & O⁻ ions



3

Condense

Ions are drawn
into condensed
plasmoids



4

Release

Nuclear reaction
releases
electricity & heat

INDEPENDENTLY VALIDATED – MULTIPLE TIMES, BY DIFFERENT AGENCIES

2 × major labs

Including COP 5 at
Culham

3 × IEP.pt

Instituto Electrotécnico
Português

Prof. J-P Biberian

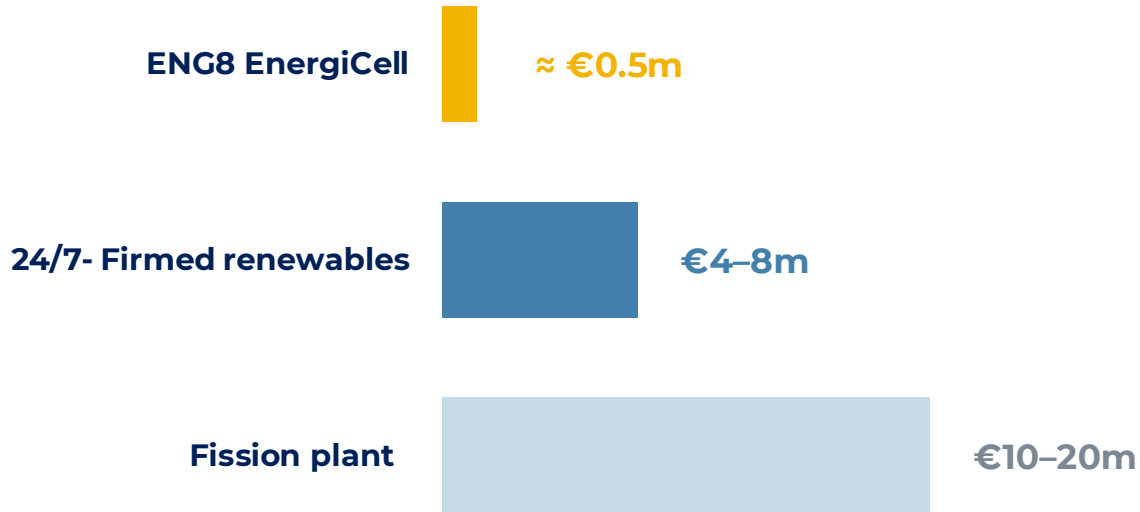
Self-powering system
validations

**No harmful
radiation**

Detected above
background

Built for \approx €500k/MW – in days, not years

Levelised Cost of Energy – € million per MW (third-party ranges)



Third-party cost ranges shown in EUR. Internal generating cost (LCOE), excl. overheads, is a separate figure – not the customer price.

Generating cost (LCOE): €30 → €15/MWh

ENG8's internal generating cost - €30/MWh in early trials, falling to €15/MWh once the electricity generator is in service in 2027.

Customer pays a 20% discount

On total energy cost (fuel + carbon + losses). Portuguese ceramics \approx €138/MWh today → ENG8 delivers at \approx €110/MWh, largely immune to fuel-price inflation.

Target gross margin \approx €80/MWh

\approx €110/MWh delivered less \approx €30/MWh cost initially - widening as cost falls toward €15/MWh. VCS carbon credits add a secondary layer.

Recurring revenue from every megawatt-hour

Energy-as-a-Service: ENG8 owns and operates the generators, and the customer buys delivered energy – a capital-efficient, recurring model with expanding revenue layers. Further energy sales can be discounted to fund the growth model.



Energy-as-a-Service

ENG8 owns and operates the units; the customer simply buys delivered energy, priced per MWh at a discount to their current total energy cost.



Capital-efficient

Energy-generating profitability repays capex in 12–24 months. After ~1 year of operating data, the generators – a standard asset-finance class – are financed through asset-finance providers.



Expanding revenue layers

A secondary VCS avoidance carbon-credit layer once certified, plus future OEM licensing of EnergiCells into vehicles, vessels, machinery and appliances under JV energy supply.

From thirty years of deep-tech R&D to commercial sales



STAGE 1 · FROM Q4 2026

Grid-fed thermal at COP 10

Low-carbon process heat at a 20% discount to the customer's total energy cost. TRL 4-5 → 7-8 through the Primus Ceramics trial.

STAGE 2 · FROM 2027

Self-powered electricity

The electricity generator comes into service and energy becomes near-zero carbon – opening the full off-grid opportunity set.

PIPELINE



The Primus Ceramics trial, Portugal

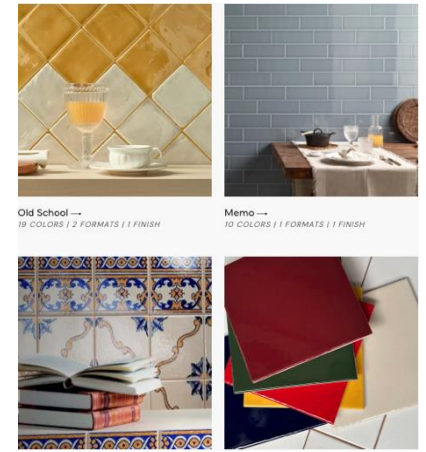


ENG8 100 kW EnergiCell, in test at the ENG8 lab

A 100 kW EnergiCell® will deliver 1,000°C hot air directly into a ceramics furnace, replacing natural gas. A second trial partner is being finalised: a 100,000-tonne biodiesel refinery.



Primus gas-fired furnace, the process being replaced



Primus Ceramics tile collections

FROM THE LAB TO 10 MW, AND BEYOND

IN THE LAB

100 kW EnergiCell under test at ENG8

Q3 2026

Deployed at Primus, replacing gas in the furnace

Q4 2026

First energy sales; 10 more units ordered, 90-day lead

Q2 2027

Ramping to 1 MW of supply to Primus

SCALE

Order 10 MW for Primus and others, then grow capacity

An automotive-grade supply chain already exists

Components and materials are largely commercially off-the-shelf (COTS), with a ~90-day lead time, from established suppliers. Capacity scales without re-inventing the supply chain – the constraint is installation and commissioning, which investment directly accelerates.



10 → 50 MW / month

Component supply today, scaling in subsequent years



~100 MW in 2-3 years

Installed, as an installation-capacity build-out



Gigawatt-scale in 3-5 years

Paced by commissioning capacity, accelerated by investment

THE €13M STEP GRANT

Applied April 2026 (STEP IDI & PI) with Primus Ceramics and four technical consortium partners. Decision expected September 2026.

The €20m project: accelerated R&D from TRL 4 to TRL 7/8, plus a production line for 200 MW of 100 kW generators per annum.

Two investors have agreed in-principle term sheets covering the requirement – and the full amount if the grant is not approved.

IP is our principal asset, after our people



Patent 1 - granted in the USA

Filed November 2019, granted in the USA (2025), pending in multiple countries.



Patent 2 - entering national stage

Filed February 2021; entering national stage in multiple countries, with divisional applications to follow.



3 further applications (2026)

Filed this year at the UK Intellectual Property Office (UKIPO).



Toward 5 patent families

Across major markets – the foundation for future OEM licensing of EnergiCells.

5

patent families (target)

~35

scientists & engineers

3

consolidated LENR teams

8 yrs

of deep-tech development

Founders who invested \approx €7m and eight years

Co-founders Haslen Back and Valeria Tyutina have backed ENG8 with \approx €7m through their 25-year-old technology investment and commercialisation business, plus eight years of their time. Around them: a multi-national team of \sim 35 scientists and engineers from three consolidated LENR teams that have been working on the technology for decades.

For security reasons, only three of the team are named publicly.



Valeria Tyutina

CHIEF EXECUTIVE OFFICER

Oversees planning and day-to-day operations; 20 years in science & technology innovation.



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Haslen Back

CHAIRMAN & CTO

Leads strategy and business development; 30 year of technology development and commercialisation experience.



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George Egely

SENIOR PHYSICIST

Research scientist and engineer with 30+ years in nuclear science and low-energy nuclear reaction research.



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Priced at a fraction of its pre-revenue peers

9x

share-price growth since 2023

From €2 to €20 per share, across milestone-linked raises

120+

angel & private investors

≈ €3m raised; only ~11% founder dilution

~€120m

ENG8 market cap (€120m)

With commercial energy revenue beginning in 2026

€1–5bn

Fusion & SMR peers

Helion, CFS, TAE, Oklo – pre-revenue, 3–7 yrs from commercial deployment

Once energy-sales invoicing begins in Q4 2026, ENG8 intends to raise a €20m+ round at a valuation more aligned with its fusion and SMR peers.



JOIN ENG8 TO DELIVER CLEAN ABUNDANT ENERGY FOR ALL

Invest in powering the future

Raising €1m now to complete industrial trials and start energy sales. Entry at €20/share. A €20m+ revaluation round follows once invoicing begins in Q4 2026.

- ✓ Complete the Primus 100 kW trial
- ✓ Begin Q4 2026 energy sales
- ✓ Assemble, install & commissioning capacity
- ✓ Progress patents & restructuring

GET IN TOUCH

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