

INVESTOR PRESENTATION 2026

POWERING THE FUTURE

Clean, abundant energy for all

Independently validated catalysed-fusion (LENR)
energy generator – modular, dispatchable,
near-zero carbon, and commercial 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+



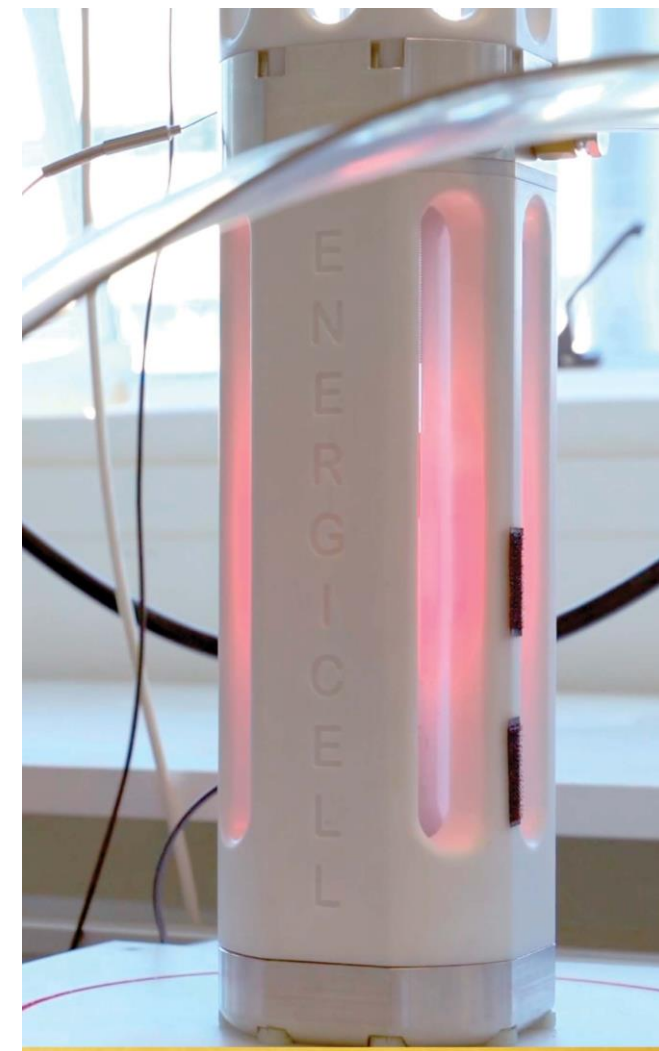
No harmful radiation

None detected
above background



Resource-light

Fuelled by the H_2 & O_2
in water



More energy out than electricity in



INDEPENDENTLY VALIDATED – MULTIPLE TIMES, BY DIFFERENT AGENCIES

2 × major labs

Including COP 5
at Culham

3 × IEP.pt

Instituto Electrotécnico
Português

3 × Prof. J-P Biberian

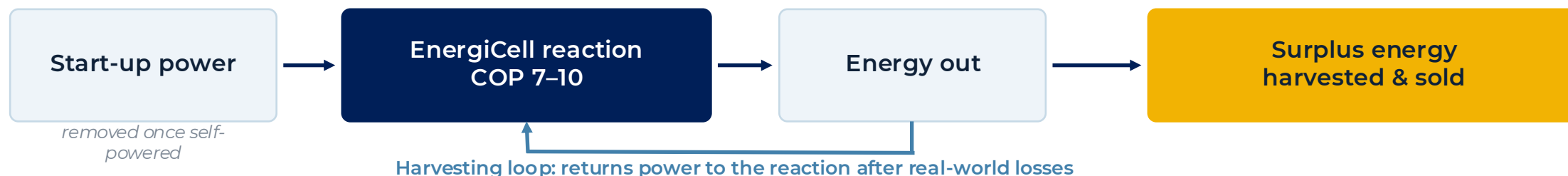
Self-powering system
& COP validations

No harmful radiation

Detected above
background

From science project to engineering

A high enough COP lets the EnergiCell power its own reaction, covering real-world losses and still leaving surplus energy to sell.



Self-powering has been demonstrated on a smaller laboratory reactor. Engineering it into the 100 kW generator is targeted for 2027.

A heat pump quotes a COP too, but it only moves existing heat. The EnergiCell releases new energy and can run on its own output: the difference between an efficiency gain and a genuine energy source.



Energy independence

No fuel and no grid import to keep running; immune to gas-price and supply shocks.



24/7, sited anywhere

Firm baseload not limited by grid capacity; placed where needed and built in days.



Lower cost, wider margin

Projected generating cost to fall from $\approx$ €30 to $\approx$ €15/MWh at the same customer price.

- **Validated:** COP 7-10, and 160 minutes of self-powering on a smaller laboratory reactor (Oct 2025).
- **Still to engineer:** self-powering in the 100 kW generator, targeted for service in 2027.

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. Future 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.



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.

■ KEY FEATURES & BENEFITS

Clean, firm power - anywhere

For the customer, the EnergiCell means firm power that is cleaner and cheaper than the grid - delivered below their current energy cost from day one, at a price fixed for the long term while gas and carbon costs keep climbing.



Firm, 24/7 power

Dispatchable baseload,
not capped by grid



≈ 20% cheaper

Delivered below the
current energy cost



Carbon-credit upside

Near-zero from 2027; VCS
credits once certified



Built in days, not years

Deployed and
commissioned on-site, fast



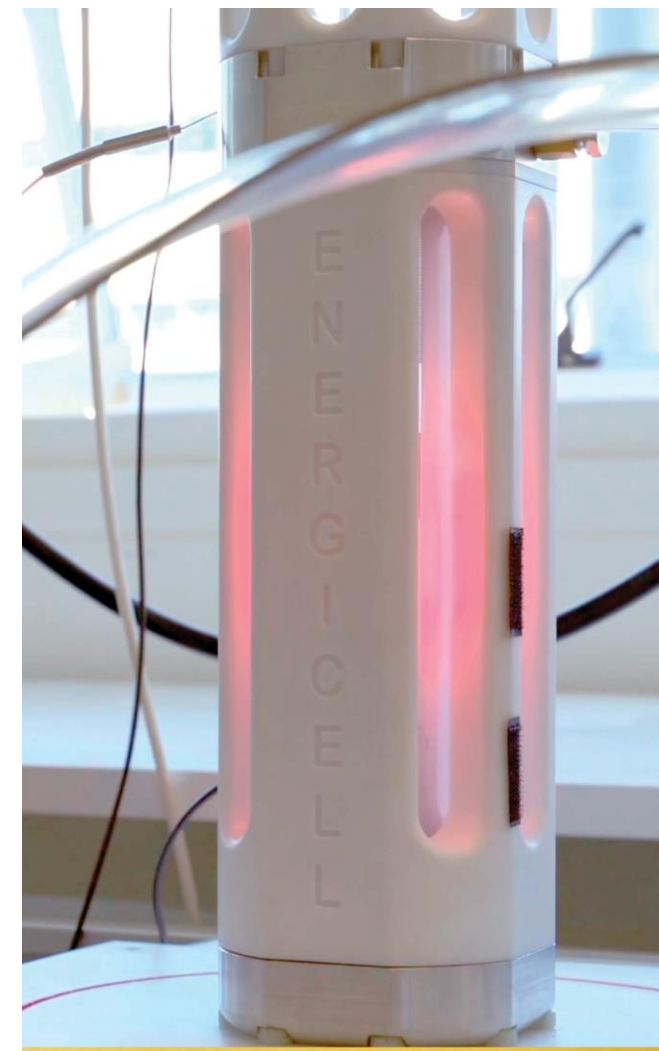
Price certainty

Fixed long-term price as
gas & carbon climb



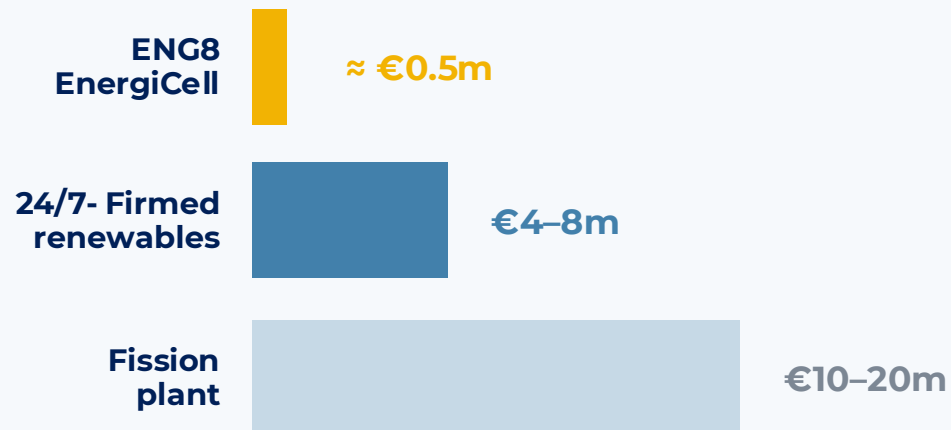
Safe by design

No radioactive, rare-earth
or toxic materials



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 projected 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

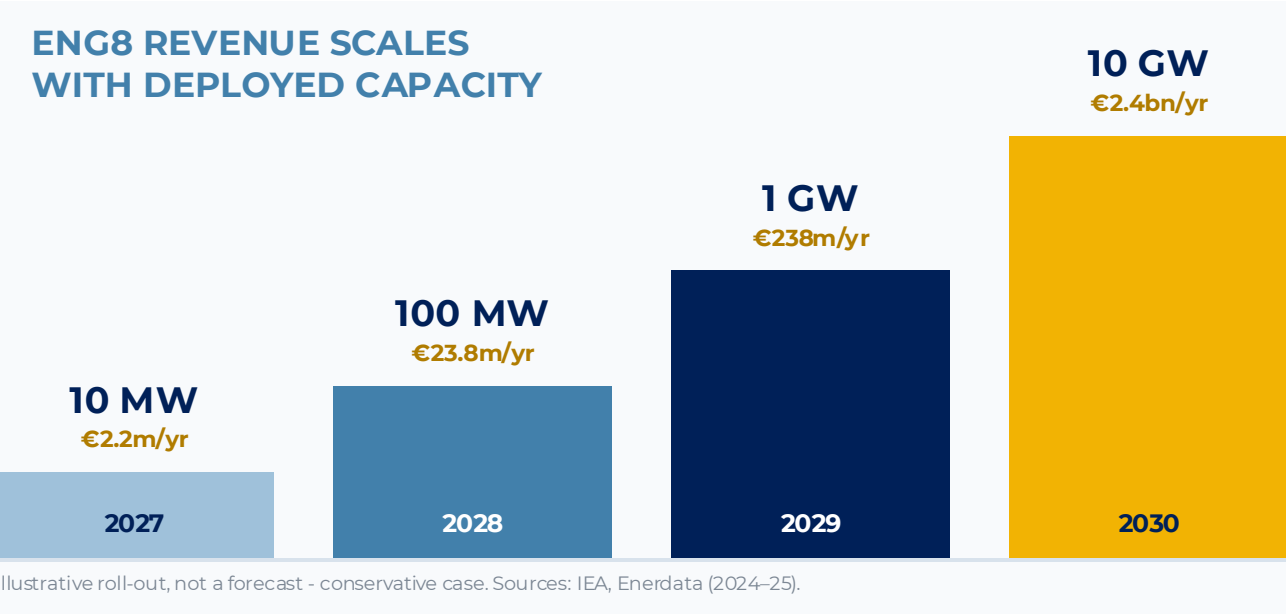
On total energy cost (fuel + carbon + losses). Portuguese ceramics $\approx$ €138/MWh today → ENG8 delivers at $\approx$ €110/MWh, largely immune to fuel-price inflation.

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.

Every megawatt deployed is recurring revenue

29 Jun 2026 Primus LOI signed	3 Jul 2026 PRIO JumpStart won	3 Jul 2026 APICER backing	Q3 2026 Trial on the line	Q4 2026 First energy sales	2027 Self-powering
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INITIAL MARKET · IBERIA
Industrial heat, Portugal & Spain

~€2-3 bn/yr
Portuguese industrial-heat + carbon market

~ €9-12bn/yr
Spanish market, via DISA

~3.4 GW
to power ALL of Portugal's industrial heat

Entered at ~ 20% below gas - ceramics, glass, food, paper and steel; starting with Primus and Prio.

FUTURE MARKET · GLOBAL
Energy-as-a-service at scale

Industrial heat worldwide, then the full off-grid opportunity set — electricity, transport, and OEM licensing of EnergiCells into vehicles, vessels and machinery. Gigawatt-scale in 3–5 years.

SALES PIPELINE

Primus Ceramics

Glass

Food

Paper

Steel

Transport (Hybrid EV & EV Charging)

The Primus Ceramics trial, Portugal



ENG8 100 kW EnergiCell, in test at the ENG8 lab

Under an LOI signed 29 June 2026, a 100 kW EnergiCell delivers ~1,000°C hot air into a live ceramics line at Primus, Aveiro - replacing gas over ~6 months, with a ~10-year, 20+ MW heat PPA to follow.

LETTER OF SUPPORT · APICER

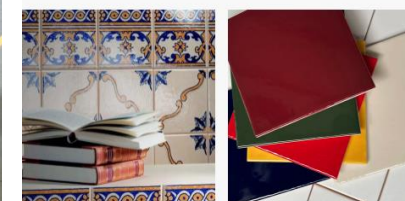
Portugal's ceramics association (1,281 firms, €1.6bn) backs the trial.



Primus gas-fired furnace, the process being replaced

TRIAL HOST:

PRIMVS[◊]
CERAMICS



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

Prio: from JumpStart winner to an 8 MW repower

A second funded pilot follows the Primus trial - with Prio, the Portuguese energy group behind the biodiesel refinery, after ENG8 won its 2026 JumpStart.



THE TRIAL · PRIO BIODIESEL REFINERY

The 8 MW gas boiler

Hot air replaces methane in Prio’s existing boiler - same steam, no rebuild. Staged: 1 MW, then 8 MW.

THE PRIZE · ENERGY-AS-A-SERVICE

Prio sells, we supply

≈ €0.57m/yr saved, ~14,200 t CO₂ cut - then EAAS across a €2–3bn PT and €9–12bn Iberian market.



Prio’s 8 MW fire-tube boiler - 10-bar steam, fired by methane. 10-yr PPA · ~€5.7m saved.

PRIO ECONOMICS

Gas €44.94/MWh	➤	ENG8 €35.95	20% cheaper	€0.57m/yr	14,200 t CO ₂
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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 and four consortium partners. Assessors have returned clarifying questions — a positive signal — with the decision due 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 ≈ €7m and eight years

Co-founders Haslen Back and Valeria Tyutina have backed ENG8 with ≈ €7m through their 25-year-old technology investment and commercialisation business, plus eight years of their time. Around them: a multi-national team of ~35 scientists and engineers from three consolidated LENR teams that have been working on the technology for decades. *(For security reasons, only three key team members are named publicly.)*



Valeria Tyutina

CHIEF EXECUTIVE OFFICER

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

Scan for
LinkedIn:



Haslen Back

CHAIRMAN & CTO

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



George Egely

SENIOR PHYSICIST

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



Priced at a fraction of its pre-revenue peers

9×

**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

This presentation is confidential and provided for information only to accredited and professional investors. It is not an offer or solicitation of securities, nor investment, legal or tax advice. Forward-looking statements involve significant risk; capital is at risk and you may lose your entire investment. Figures are management estimates as of June 2026.

GET IN TOUCH

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