INVINITY ENERGY SYSTEMS

# 2025 Interim Results

# H1 2025 Summary

**£2.0m** H1 Revenue and Project Grant Income – +25% YoY (H1 2024: £1.6m)

- Driven by LoDES project funding, VFB deliveries and supporting services to customers

**+193% increase** in new customer orders – 11.7 MWh – signed in Period (H1 2024: 4 MWh)

- Further 4 MWh order in Europe signed September 2025

**-10.5% reduction** to Loss from Operating Activities – £10.2m (H1 2024: £11.4m)

- Reflecting LoDES project funding and reduction in administrative expenses

**Debt free** with £39.7m of cash as of 29 September 2025

- £18.7m cash held at 30 June 2025 (H1 2024: £49.2m)
- Increase reflects approved £25m total strategic investment from Atri Energy and Next Gen

**£20.0m order book** for 2025 delivery driving heavy H2 weighting for FY25

# H1 2025 Profit and Loss Statement

## Highlights

- Total Revenue & Project Grant income of £2.0m including £1.7m of LoDES grant funding. FY25 revenue recognition expected to be heavily H2 weighted.
- Increased gross loss reflects fixed running costs across lower production volumes in H125, and warranty costs which include the DCDCs that are being replaced by the supplier.
- Moderate reduction in overheads supported by increased R&D recoveries.
- Reduction in loss for the period to £10.0m (1H 2024 £11.1m).

| Profit & Loss (£'000) | HY 2025 | HY 2024 |
|---|---|---|
| **Revenue** | **256** | **1,637** |
| Cost of Sales | **(2,186)** | (2,750) |
| **Gross Loss** | **(1,930)** | **(1,113)** |
| | | |
| Other items of operating income and expense | **1,938** | 17 |
| | | |
| Staff costs | **(6,985)** | (6,840) |
| R&D costs | **(1,225)** | (1,029) |
| R&D recoveries | **928** | 145 |
| Sales and marketing costs | **(294)** | (398) |
| Facilities and office costs | **(195)** | (277) |
| Depreciation and amortization | **(623)** | (501) |
| Professional fees | **(282)** | (345) |
| Other administrative costs | **(1,502)** | (1,051) |
| **Administrative Expenses** | **(10,178)** | (10,296) |
| | | |
| **Loss from operations** | **(10,170)** | **(11,392)** |
| Net finance income | **218** | **284** |
| **Loss for the period** | **(9,952)** | **(11,108)** |

# H1 2025 Balance Sheet & Cashflows

## Highlights

- Inventory build-up required to deliver LoDES, HITT, STS before year end 2025.
- Deferred Revenue includes the DESNZ claim accrual which has since been received.
- Net Cash at 30 June of £18.7m subsequently increased to £39.7m reflecting completion of £25m total strategic investment from Atri Energy and Next Gen.

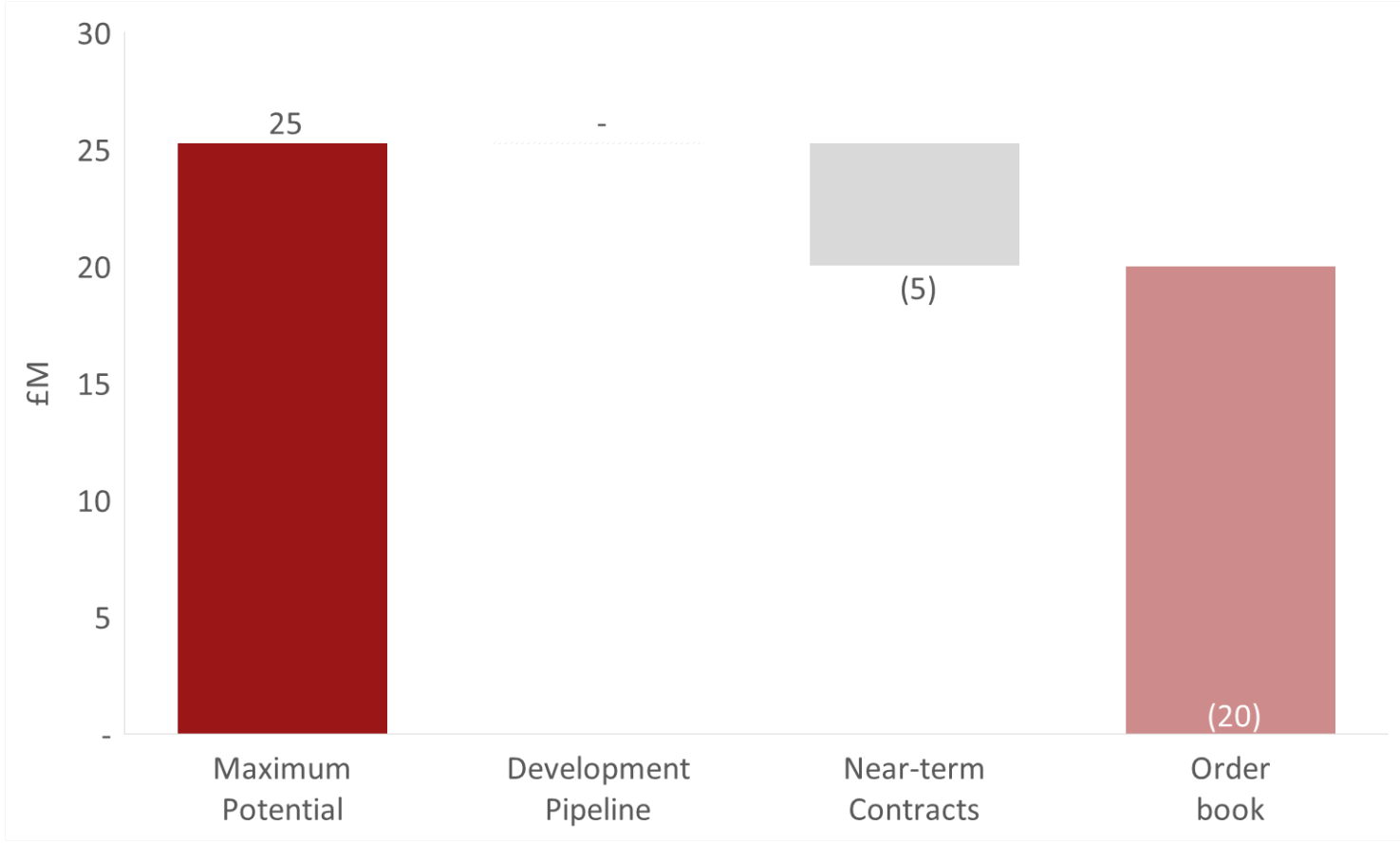
| Balance Sheet (£'000) | HY 2025 | FY 2024 | HY 2024 |
|---|---|---|---|
| Total inventory | **10,236** | 5,753 | 4,437 |
| Total pre-paid inventory | **3,889** | 2,469 | 1,960 |
| **Total Inventory and Prepaid Inventory** | **14,125** | **8,222** | **6,397** |
| | | | |
| Trade and other receivables | **496** | 827 | 1,530 |
| Accrued income | **647** | 1,149 | 897 |
| Deferred revenue | **(1,592)** | (1,392) | (1,454) |
| Trade payables | **(3,498)** | (2,967) | (2,062) |
| Onerous contracts provision | **(1,837)** | (1,894) | (474) |
| | | | |
| **Net position** | **8,341** | **3,945** | **4,834** |

| Cash flow (£'000) | HY 2025 | HY 2024 |
|---|---|---|
| Net income (loss) | **(9,952)** | **(11,108)** |
| Adjustments for non-cash & changes in working capital | 972 | 712 |
| Interest | 324 | 246 |
| Net operating cashflow | (3,011) | (2,218) |
| Investing cashflow | (1,224) | (442) |
| Financing cashflow | (444) | 54,092 |
| Opening Cash and Eq. | 32,352 | 5,014 |
| Foreign exchange | (277) | (53) |
| Closing Cash and Eq. | **18,740** | **46,243** |

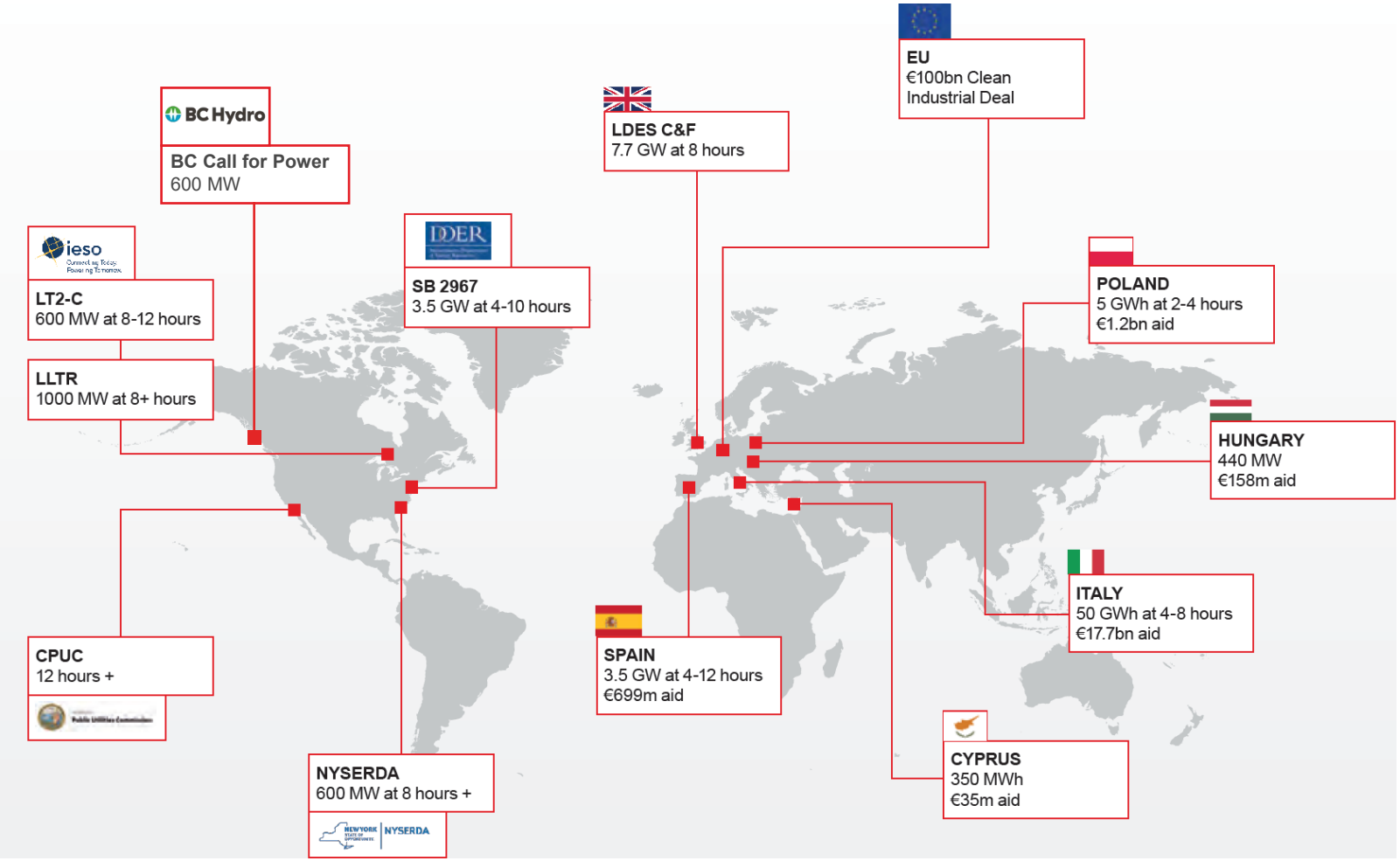
# FY25 Outlook

- **Order Book** means signed contracts expected to generate revenue in the relevant year that have either been delivered, are in the fulfilment phase or are awaiting Notice to Proceed (“NTP”). Invinity has higher confidence in assessing the timing of delivery and revenue for these projects, however risks related to supply chain, fulfilment and/or receipt of NTP remain.
- **Near-term contracts** means projects where the customer has indicated an intent to proceed, and where final contracting is underway. Invinity has lower confidence in assessing the timing of delivery and revenue for these projects as risks related to final negotiation and documentation remain.
- **Development pipeline** means projects where the customer has engaged Invinity in a procurement process, submitted Invinity's products to a public procurement scheme or applied for relevant permits. Revenue is expected to be recognised in the relevant year, however both commercial and development risks remain.

## FY25 Revenue and Project Grant Income



# Global LDES Procurement Programmes




| Programme | Size | Award | COD |
|---|---|---|---|
| UK<br>Ofgem<br>Cap and Floor | 7.7 GW | 2026 | 2029 – 2030 |
| California<br>CEC / CPUC<br>LDES | 1.0 GW | 2026 | 2028 – 2031 |
| New York<br>NYSERDA<br>ISCRFP-1 | 1.0 GW | 2026+ | 2028 – 2030 |
| Ontario<br>IESO<br>LT2-C, LTTR | 1.6 GW | 2026+ | 2028 – 2030 |
| British Columbia<br>BC Hydro<br>Storage RFEOI | 0.6 GW | 2026+ | 2027 – 2030 |

# 2025 TRADING & OUTLOOK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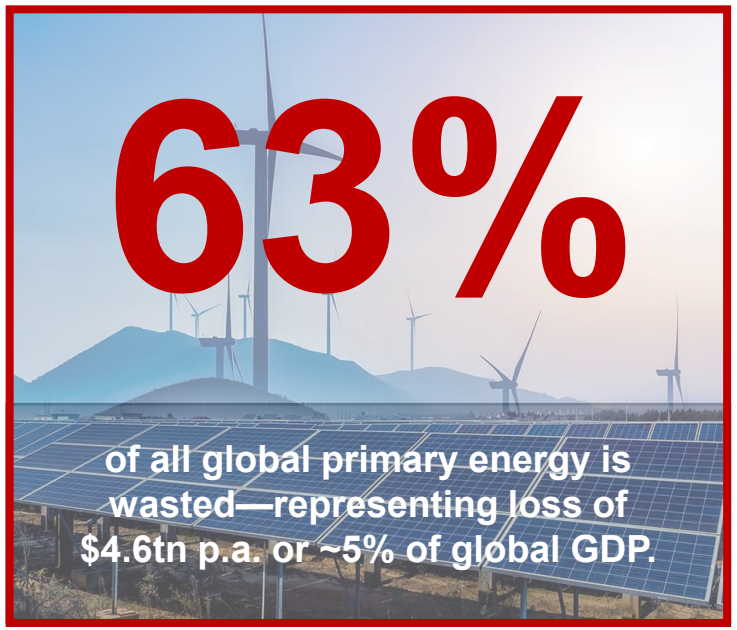
# The world is facing an energy crisis




- UK Energy Bills 42% higher today than in 2022. The country decommissioned coal before being able to balance its grid.
- Global Electricity Consumption is forecast to increase at least ~4% annually to 2030.
- China and India expected to drive ~60% of the world's increase in electricity consumption over 2025 and 2026
- Datacentres, driven by AI demand forecast to more than double average electricity consumption growth in USA

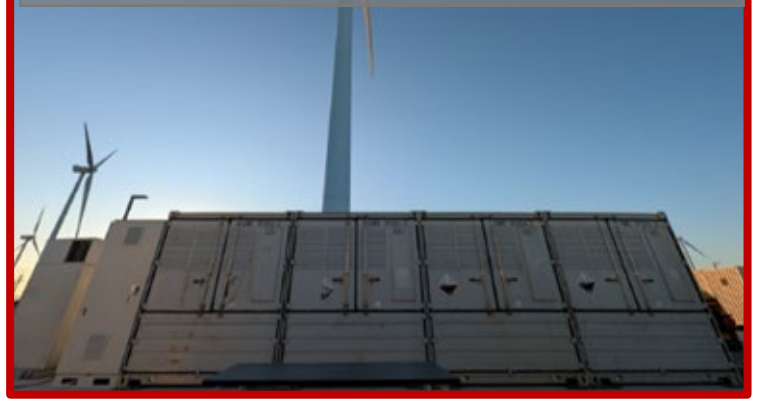
Global electricity demand is growing at a rapid and accelerating rate.

Global electricity networks are unable to keep up with the growth of renewable generation.

Historic under-investment in network infrastructure and over-reliance on fossil fuels has significantly increased energy prices and contributed to a global cost-of-living crisis.

Post-2024 Governments have made solving the energy crisis a key political priority globally.

The "Age of Electricity" requires **Long Duration Energy Storage** capacity to bolster existing network infrastructure and reduce wasted electricity.



**Vanadium Flow Batteries** have the power to unlock low-cost, low-carbon energy on-demand that will power global growth towards 2030 and beyond

# Batteries are one of the key solutions

**Invinity is a global leader in Vanadium Flow Battery (VFB) technology.**

**We deliver:**

- **LDES in a box** – plug and play, modular VFBs, with nearly 2,000 already manufactured for customers across the world.
- A **proven** solution based on 40+ year old technology. Developed over 4 product generations by Invinity–the most experienced team in the Vanadium Flow Battery Industry.
- The leading alternative to Li-ion batteries, ideally suited to address the challenges of today's energy systems.

**Why Choose VFB?**

Better Economics

- 30+ year life without degradation
- Unlimited battery cycling
- Positive terminal value

Easier to Deploy & Operate

- Complete flexibility in operation
- Fewer planning concerns

Less Risk

- Environmentally friendly
- No fire risk
- No conflict minerals

**The Next Frontier of Energy Storage**

- Short duration Li-ion has dominated to date
- LDES now considered a leading solution to enabling 24/7 renewables
- Global LDES market forecast to reach $1 trillion by 2040
- VFBs expected to become leading LDES battery technology with 18-22% CAGR to 2030

**Invinity's Revenue Model**

- Sales
- Servicing
- Licence & Royalty Agreements
- Batteries-as-a-Service (Future)

# The right product, at the right time, for the right market

*Current Invinity product range*

## Avalon AFB3

- 2018
- Commercial prototype
- Limited deployment

## redT Gen3

- 2018
- Commercial prototype
- Limited deployment


## Invinity VS3 "Six-pack"™

- 2020
- 1st commercially successful VFB
- Nearly 2,000 modules manufactured and sold to date
- Over 6 GWh dispatched in commercial operation

## Endurium™

- 2024
- Cost engineered evolution of VS3 product
- Optimised for large grid-scale projects
- Jointly developed with Gamesa Electric
- GWh-scale projects in commercial pipeline

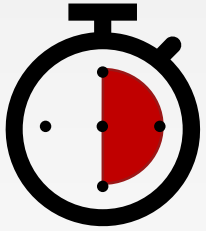
## Endurium Enterprise™

- 2025
- Based on Endurium product platform
- Optimised for Commercial & Industrial customer segment
- Developed in response to significant demand received from this sector

# Business Strategy

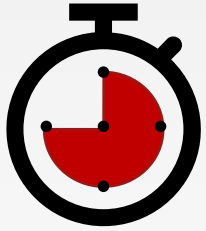
## Short-Term

- **Secure a leading position** within Vanadium Flow Battery sub-sector and **increase market share** vs. other LDES technologies
- **Identify and win LDES-only commercial opportunities** which are receiving Government and Policy support
- **Scale manufacturing** and delivery capabilities
- **Expand product range** with Endurium Enterprise to target the lucrative C&I market segment



## Medium-Term

- Position **VFB as the foremost LDES technology** globally
- **Deliver gigawatt-scale**, government-backed strategic energy storage infrastructure projects
- Capture **significant economies of scale and scope** to reduce product costs and **improve price competition vs. Lithium-ion**
- Expand globally through **strategic partnerships in key regions**



## Long-Term

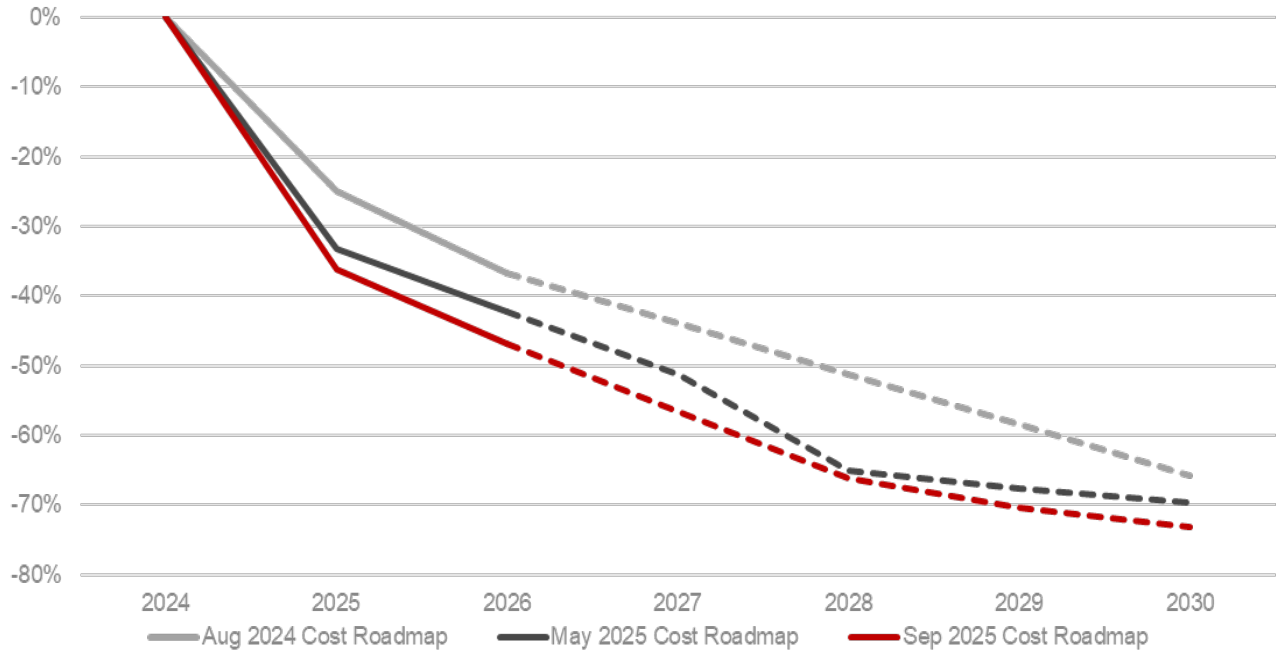
- Implement revolutionary design innovations to **achieve long term cost target**
- **Compete directly with Lithium-ion on upfront cost**
- **Position VFB technology as the de facto technology choice for stationary energy storage globally**

# Cost-down Programme

## Reducing upfront product costs is core to Invinity's product development pathway

- **Endurium is now 43% lower production cost than VS3**
- **36% cost reduction** achieved since Endurium launch – ahead of management expectations
- Longer term, **continued cost optimisation** expected to be achieved through:
  - Further value engineering
  - Adopting higher-volume, lower-cost manufacturing processes
  - Outsourcing to best-cost regions and pursuing strategic partnerships
- Invinity long term cost targets by 2030
  - Will position Invinity's technology as the most proven, most deployed and most economic form of LDES available globally
  - At this price point, we believe VFB can compete directly on an upfront cost basis with Lithium-ion **as well as** levelised cost today – opening up a significantly larger portion of the total energy storage market for Invinity.

### ENDURIUM Cost Roadmap: Aug 2024 vs Sep 2025




**Our ambitious target is only achievable through the globalisation of our manufacturing operations and strategic partnerships in best-cost regions.**

# Best Cost Region Manufacturing Strategy

## China

- Largest market for flow batteries globally, expected to expand 21% 2024-2029
- Significant government support for flow battery development and deployment
- Significant vanadium resources in addition to strong supply chain credentials for Balance of Systems components (Steel, Plastics, Piping)


## Our Strategy

- Strategic partnership consortium including Fortune 100 supply chain operations company C&D group.
- Consortium will establish a manufacturing presence in the city of Xiamen to scale Invinity's global business and deliver on ambitious product cost reduction targets

## India

- Aggressive renewable deployment targets (500 GW by 2030) creates urgent need to modernise grid network and enhance energy security
- Mandated co-location of energy storage with renewables creates significant opportunities for VFB and other LDES technologies.
- Supportive Government policies including the National Energy Storage Mission and a focus on growing domestic manufacturing has opened up significant partnership opportunities for Invinity.

## Our Strategy

- Atri Energy Transition, Invinity's strategic partner is core to the Company's strategy in the region
  - Commercial – targeting significant commercial opportunities within the Indian energy market.
  - Manufacturing – cooperating to establish stack manufacturing, final assembly and outsourced balance of system manufacturing within India.
  - Supply Chain – diversify Invinity's material and subcomponent supplier relationships with the establishment of an Indian supply chain.

socially relevant, economically viable

# UK LDES Cap & Floor Scheme Progress

## Projects representing 16.7 GWh of Endurium now confirmed eligible for Cap & Floor

- **21 Projects**
  - 20 deliverable 2028-30 (Track 1)
  - 1 deliverable by 2033 (Track 2)
- **4 Developers** (including Frontier Power)
- **100%** of eligible VFB projects utilise Invinity technology
- **1,000 permanent, high-quality UK jobs** could be created if all 21 projects go ahead

| Technology type of asset | Count of projects | Sum of Discharge capacity (GW) | No of Track 1 projects | No of Track 2 projects |
|---|---|---|---|---|
| Vanadium Flow Battery / Zinc Battery | 16 | 2.6 | 15 | 1 |
| Vanadium Flow Battery | 5 | 0.9 | 5 | 0 |

*Source: Ofgem*

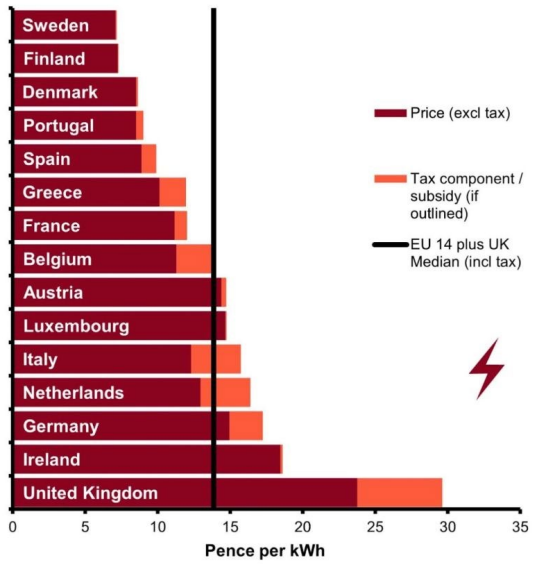
## Scheme timelines:

- Projects now required to submit more detailed bids towards Final Project Assessment, due to be announced in Q4 2025
- Initial decision list of projects that will be offered contract under Scheme due in Spring 2026
- Final project decisions due in Summer 2026

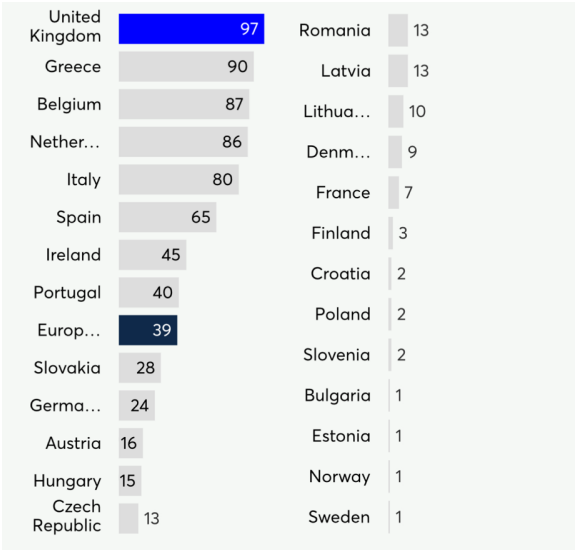
# The Need for LDES

- UK Energy Bills 42% higher today than in 2022. The country decommissioned coal before being able to balance its grid.
- Increasing renewable penetration is driving the need for Long Duration Storage (LDES). Global BESS deployment beat expectations in 2024 at 200GWh (+53% y-o-y)
- Governments across Europe and North America are now signing up long duration contracts to displace that gas and reduce system costs
- These schemes favour technologies that offer availability and cycling over long periods (25+ years) without degrading, full depth of discharge, and reduced capex/kwh over longer durations
- Endurium plays well into these themes

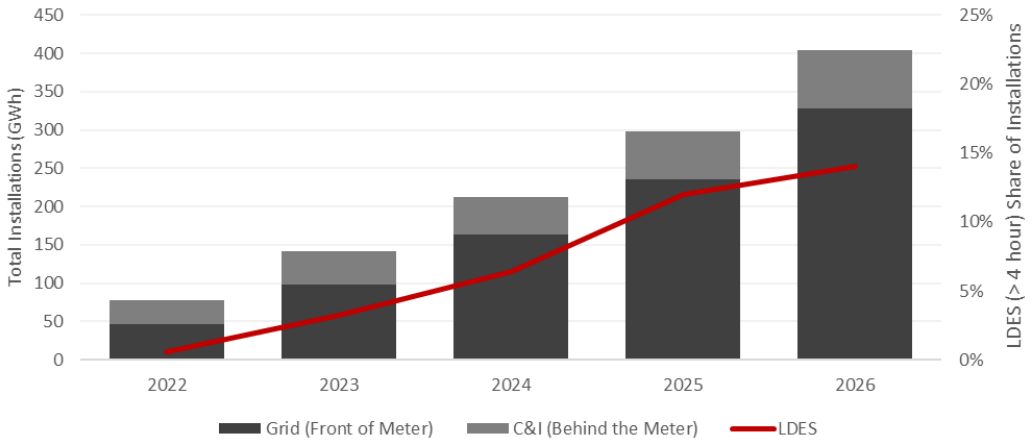
## UK Electricity Prices




## Share of gas in wholesale pricing




## Global BESS growth




Source: EuroStat (June 2025), International Institute for Applied Systems Analysis (Oct 2023), RHO Motion, Global BESS Outlook (Q2-2025)

# Delivery against 12 month plan

**Goal 1** – Recognise FY24 revenue in line with analyst forecasts

**Goal 2** – Launch Endurium before 2024 year-end

**Goal 3** – Close deals from commercial pipeline to support volume ramp-up

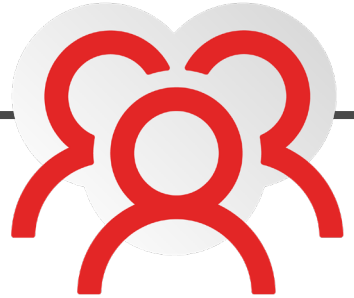
**Goal 4** – Further advance cost-reduction programme for Endurium and incrementally improve product margins

**Goal 5** – Review capital allocation across the business and drive operational efficiencies

# Invinity's business is at a key inflection point

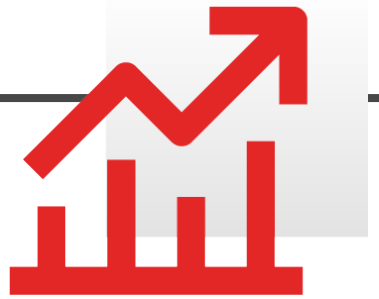
## Stable, Proven Technology

- Nearly 2,000 battery modules manufactured and delivered globally
- Over 6.7 million kilowatt-hours discharged from Invinity batteries
- Proven Technology Readiness Level (TRL8)
- 43% lower production cost for Endurium vs. VS3



## Leading Market Position

- Large-scale, high-profile projects use Invinity technology
- Blue-chip existing customer base
- Strong governmental relationships across Europe, Asia and North America
- Growing Global Reach



## An Exciting, High-Growth Market Segment

- The Long duration segment of the energy storage market is the fastest growing subsegment
- Each of the largest regional markets for Energy storage globally have implemented LDES procurement programmes

## Key Strategic Relationships

- National Wealth Fund (UK)
- Gamesa Electric & ABB (Europe / Global)
- Atri Group (India)
- C&D Group / City of Xiamen (China)*
- UESNT (China)
- IRL (Hong Kong / South Africa)*
- Baojia New Energy (China / Global)
- Everdura (Taiwan)

**Subject to binding terms being agreed*

INVINITY ENERGY SYSTEMS

GET MORE BATTERY™

# We Deliver Energy Storage Beyond Lithium