Providing reliable renewable energy,
24 hours a day, in every season

SolarWindBooster

Investor Pitch Deck

01 PROBLEM

Renewable energy has a reliability problem, and we built the fix

Every renewable energy source today is forced to trade off between three things, and can never deliver all three at once:

ENERGY SECURITY

750m

750 million people worldwide still lack reliable access to electricity

ENERGY AFFORDABILITY

$5t

$5 trillion in annual investment is needed by 2035 to hit net-zero, more than double today's spend

ENVIRONMENTAL STABILITY

25%

The poorest households already spend 25% of their income on energy just to stay powered

Balancing these **three priorities** is the single biggest obstacle standing between the **world and clean energy**.

[Source: IEA, IRENA, UNSD, World Bank, and WHO. 2024. Tracking SDG 7: The Energy Progress Report 2024. Washington, DC: World Bank.]

[Source: International Energy Agency. 2024. Strategies for Affordable and Fair Clean Energy Transitions. Paris: IEA.]

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01 PROBLEM

When the sun sets and the wind drops, your power shouldn't

Wind and solar were never designed to work alone, and it shows:

- Power drops the moment the sun sets or the wind dies down
- Renewable energy still can't compete with fossil fuel on cost
- Commercial offers only work with government subsidy
- Grids can't plan around power that switches on and off
- None of this moves fast enough to keep up with climate change

The result: businesses and homeowners are still leaning on diesel backup to keep the lights on.

02 WHY NOW

The timing has never been better for a non-intermittent solution

SOVEREIGN DIRECTIVES

Energy supply security has elevated into a mandatory board-level and government-level priority following recent grid stress events and extreme price shocks.

STORAGE COST DEFLATION

The cost of alternative non-battery thermomechanical/ hybrid storage mediums (compressed air, molten salt, flywheel) have fallen enough to make non-intermittent systems commercially viable for the first time.

REGULATORY PUSH/ PRESSURE

Global policy mandates toward total decarbonization/net-zero is increasing, without a corresponding increase in reliable, subsidy-free optionshence creating an urgent market demand for this green technology infrastructure.

03 SOLUTION

Introducing SolarWindBooster (SWB)

A hybrid renewable energy system that fuses wind, solar, and our proprietary Special Aerospace Compounder (SAC) into one continuous, non-intermittent power source, engineered to keep working exactly when standalone solar and wind can't.

24/7/365 uninterrupted power. Every hour of every day, regardless of weather

Lower Levelised Cost of Energy (LCoE) than standard renewable installs or diesel generation

Built to sell power back to the grid for a genuine revenue stream

No fossil fuel backup required

03 SOLUTION

Our UVP: Special Aerospace Compounder (SAC)

Our proprietary Special Aerospace Compounder uniquely provides true energy security by compounding wind, solar, and thermal storage into uninterrupted green power with unprecedented 70% thermodynamic efficiency.

Boosts wind turbine power output by up to 500%

Eliminates intermittency by delivering continuous 24/7 renewable power

SAC

Provides space-efficient hybrid storage using cold liquid air

Recycles waste energy with 70% thermodynamic entropy efficiency

03 SOLUTION

A single system that captures three energy sources without any gap in supply

SWB captures power from daylight, thermal heat, and wind speed simultaneously, then stores and distributes it through our aerospace-grade Special Aerospace Compounder.

3 ENERGY SOURCES

Solar PV, Solar Thermal (CSP dish), Wind Turbine

3 STORAGE MEDIUMS

Cold Liquid Air, Compressed Air, Hot Molten Salt

3 DISTRIBUTION PATHS

Flywheel, Carry-able Battery Banks, Plug-N-Use Docking Systems

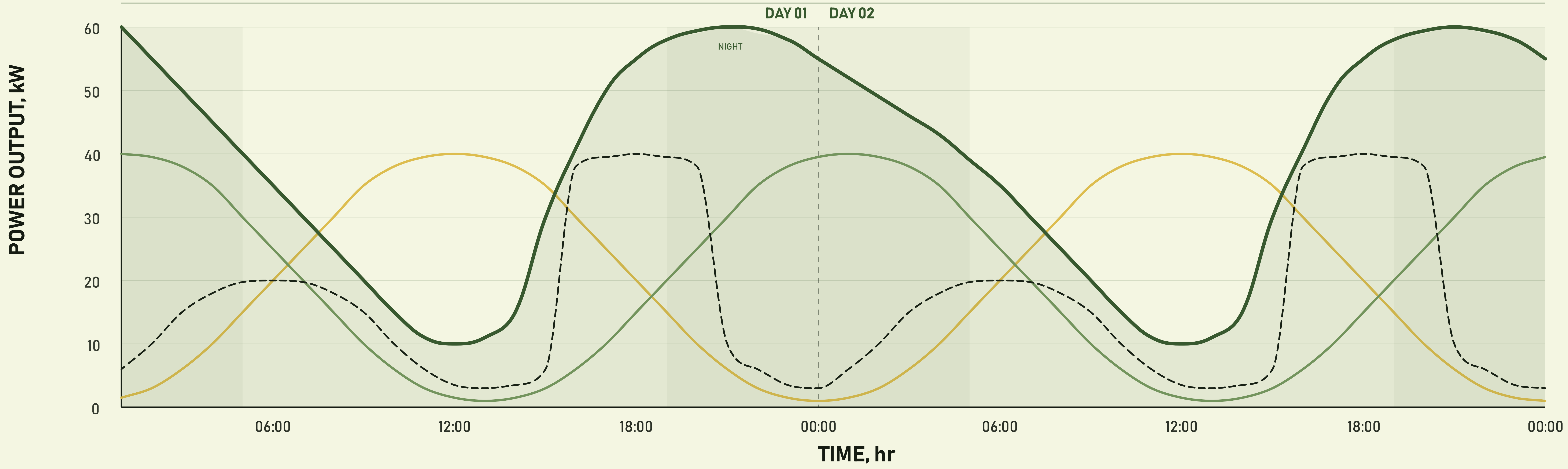
3 DEMANDS MET

Home, EV Charging, Back to the Grid

SOLAR VS. WIND VS. HOUSEHOLD DEMAND

48-HOUR POWER OUTPUT PROFILE — SWB STORAGE AGAINST GENERATION AND LOAD

SWB PERFORMANCE DATA



SWB PO
10 – 60 kW sustained

SOLAR PO
40 kW midday peak

WIND PO
40 kW overnight peak

HOUSEHOLD DEMAND
40 kW evening load

Performance Multiplier: Describes the acoustic amplification process extracting up to 500% more available power and yielding a 60% increase in Annual Energy Production (AEP).

That's the Energy Trilemma, fulfilled.

04 WHERE WE ARE TODAY

We're at the validated concept stage, with a clear path to a certified, market-ready product

NOT YET STARTED

- Manufacturing
- Commercial deployment

IN PROGRESS

- Global IP filings (pending)
- Physical prototype build
- Product testing and certification

COMPLETED

- Full 3D concept model developed and secured
- Simulation-driven design validating core mechanical and thermodynamic concepts
- Comprehensive market study, validation, and SWOT analysis
- Business plan and financial modeling
- Technical partners identified
- End-to-end brand identity developed
- Enterprise-grade website launched
- Active R&D collaboration with the University of Nottingham

05 MARKET OPPORTUNITY

A $1.51 trillion market, and no one owns the reliability problem

$302b
Current global renewable energy market

$1.51t
Forecast market size by 2025

396.7%
Expected industry growth opportunity

$546b & $223b
Target segment (energy storage and solar forecast simultaneously)

We're targeting a conservative **0.23%** market share by **Year 5**.

Detailed sources upon request.

06 BUSINESS MODEL

Built to scale from a single home to the national grid

FOR HOMEOWNERS

SWB URBAN (SWB40-HV200-100KW)

100kW continuous output.
200kW storage capacity.
Designed for homes, estates, and commercial buildings.

FOR BUSINESSES

SWB ONSHORE (SWB4-HV20-10MW)

10MW continuous output.
20MW storage capacity.
Designed for utility-scale and grid infrastructure.

PLUG-N-PLAY SOLUTION TO EXISTING SYSTEMS

SOLO SAC

Our special aerospace compounder technology alone. Retrofits directly onto existing wind and solar installations to remove intermittency without a full system replacement.

OEM yearly maintenance support provided by HNLT

Every version shares the same core promise:
continuous power, without compromise.

06 BUSINESS MODEL

End users don't only save on energy, they earn from it

Once demand is met, surplus power goes back to the grid and sold at a price.

6yr	6-year payback period: Full capital return from continuous 24/7 output
14+yrs	14+ years of pure profit: Compounding revenue after payback
$3.5M	lifetime revenue potential per unit, across a 25-year system life

07 DEMAND VALIDATION

Validated market demand across three institutional core segments

Secured network commitments, pre-orders, and regional demand ahead of full scale.

WLCC NETWORK COMMITMENTS

We have secured **inbound purchase inquiries** and early institutional alignment directly through our formal membership in the **World Luxury Chamber of Commerce (WLCC).**

PRE-PRODUCTION ORDER (PPO) CONTRACT

Luxury hospitality conglomerates, private real estate developers, and high-energy industrial manufacturers are already registering intent to secure asset-level energy independence through our PPO contract with 25 years of Hire Purchase (HP) facility through the bank.

REGIONAL INFRASTRUCTURE PULL

We are commencing active pipeline generation across manufacturing hubs in the United Kingdom to minimize marginal network pricing while manufacturers and real estate developers within African markets like Ghana and Nigeria are seeking definitive protection against chronic load-shedding blackouts (dumsor).

08 GO-TO-MARKET STRATEGY

A phased rollout across investors, businesses, & homeowners, with the doors already open to us.

We're building credibility first, pipeline second, and volume last.

PHASE 1: AUTHORITY & WAITLIST (NOW)

Thought-leadership content and a dedicated LinkedIn presence for Michael Frank, positioning our technical credibility directly in front of investors and enterprise buyers ahead of the raise. Our existing membership in the World Luxury Chamber of Commerce (WLCC) reinforces this credibility at the premium end of the market.

Investor-targeted Google Ads campaign kickstarted alongside waitlist campaign for B2C in this phase.

PHASE 2: B2B PIPELINE (MONTH 3+)

Targeted outreach to luxury hospitality groups, estate developers, and industrial energy buyers, supported by direct partnerships across our existing technical network. This pitch deck will be shared directly with WLCC members and individuals, giving us warm access to exactly the luxury business audience Variation B of SWB was engineered for.

PHASE 3: B2C SCALE (MONTH 6+)

Paid digital acquisition, switched on once SWB Urban production can support consumer-level demand, turning awareness into installs at volume.

09 TRACTION

We've already secured funding and hit key early milestones

£138,000+ deployed to date via founder capital and HSBC CBILS facility

£650,000 grant commitment secured from Innovate UK

- 3D concept model developed and secured
- Global IP filings pending, with a deliberately hard-to-copy IP strategy

- Full market study, validation, and SWOT analysis completed
- Business plan and financial modeling completed

- End-to-end brand identity and enterprise-grade website launched
- Recognised by the World Luxury Chamber of Commerce (WLCC), positioning HNLT within an elite circle of luxury brands, institutional partners, investors, and media at the intersection of sustainability and premium infrastructure

- External technical partner engagements ongoing, including Cambridge Consultants, Altair, SoftInWay, and RomaxTech

10 COMPETITION

We're solving a problem the biggest names in renewables haven't addressed

Company	Non-intermittent power	Multi-source storage	Sells power back to grid
GE Renewable Energy	✗	✗	Limited
Vestas	✗	✗	Limited
Siemens Gamesa	✗	✗	Limited
Enercon	✗	✗	Limited
First Solar	✗	✗	Limited
SolarWindBooster	✓	✓	✓

The largest players in wind and solar have focused on making individual generation technology bigger and cheaper. **None of them have solved for continuous, non-intermittent output from a single hybrid system.**

We completely dominate the landscape as the sole provider of **unified tri-generation, triple-state thermal storage, and mechanical wind-speed boosting within a single hardware asset.**

12 TEAM OVERVIEW

Michael Frank, MSc.

CEO, Executive Technical Director & Founder

Prof. Kwabena Frimpong-Boateng

Chairman and Angel Investor

Mr. Raphael Ofosu-Dua Lee CEng MIMechE

Co-Founder & Executive Technical Sales Director

Mr. Kodwo Bentum MBA Finance

Co-Founder & Executive Procurement Director

Mr. Kwabena Oppong

Co-Founder & Executive Marketing Director

Mr. Ebenezer Bernard Amissah

Co-Founder & Executive Strategic Sales Director

Mr. Benjamin Kwaku Barwuah

IT infrastructure Executive Director

Mr. Gabriel Atsu Sikanku CIArb

Co-Founder & Executive Legal Director

Mr. Charles Denkudi Yomekpe CGIA

Non-Executive Finance Director & Company Secretary

Miss Mary Tackie

Business Coordinator

Backed by NUVO ACCOUNTANCY Chartered Accountants and HSBC UK for full fiduciary oversight, and a proud member of the World Luxury Chamber of Commerce (WLCC).

Financial projections: Five-year outlook

	YEAR 1 BASELINE	YEAR 2 SCALE	YEAR 3 EXPANSION	YEAR 5 TARGET
Total Gross Revenue	$198.4M	$388.9M	$657.6M	$1,266.1M
Cost of Goods (COGS)	$99.4M	$193.5M	$323.9M	$628.2M
Gross Profit Margin %	49.9%	50.2%	50.7%	50.4%
Total Operating Costs	$9.2M	$17.3M	$25.3M	$31.4M
Net Income Yield	$89.7M	$178.1M	$308.3M	$606.5M
Net Profit Margin %	45.2%	45.8%	46.9%	47.9%

14 THE ASK

Two funding tracks behind one system, with a clear path to IPO

TRACK A: FIRST ROUND,

$4.2m

Funds prototyping, global IP filing, product testing and certification, and go-to-market with our offshore engineering partner network.

Terms:
- **$4.2M** equity for **3%** shares,
- exit via IPO in **Year 5** at a projected **20% ROI**, or **$4.2M** debt with a **1-year** holiday and **5-year** repayment.

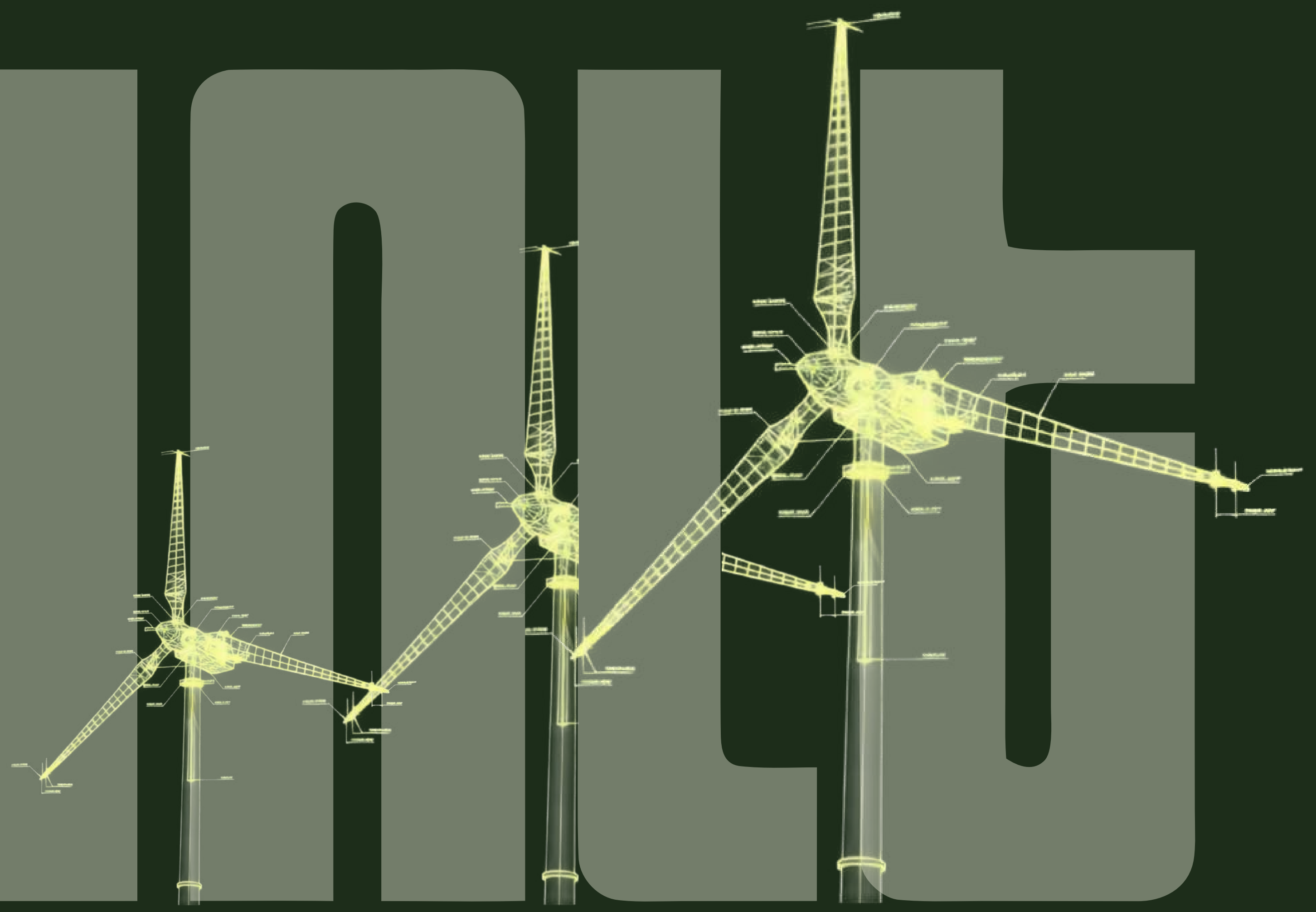
TRACK B: SECOND ROUND,

$32.8m

Funds a UK production facility, manufacturing equipment, first 250-unit inventory, staffing, and full sales deployment.

Terms:
- **$32.8M** equity for **22%** shares,
- exit via IPO in **Year 10** at a projected **29% ROI**, or **$32.8M** debt with a **1-year** holiday and **10-year** repayment.

Invest in the only technical infrastructure that guarantees uninterrupted power.



Get involved

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