ProLogium

INVESTOR PRESENTATION

May 2026

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Information in this presentation represents current expectations relating to transaction structure and is subject to further discussion and negotiation of definitive documentation in its entirety. All statements in this presentation other than statements of historical fact, including, but not limited to, statements regarding the Company's future operating results, financial position, business strategy, addressable market, anticipated benefits of its technologies, and plans and objectives for future operations and offerings are "forward-looking statements" and can often be identified by the use of terminology such as "may," "will," "estimate," "intend," "continue," "believe," "expect," "anticipate," "should," "could," "potential," "projection," "forecast," "plan," "trend," "assumption," "opportunity," "predict," "seek," "target," or similar terminology, although not all forward-looking statements contain these identifying terms. Any statements that refer to expectations, projections or other characterizations of future events or circumstances, including projections of market opportunity, number of customers and market share, the capability of the Company's technology, Company's business plans including its plans to expand globally, the sources and uses of proceeds from the Potential Business Combination, the anticipated enterprise value of the combined company following the consummation of the Potential Business Combination, any benefits of Company's partnerships, strategies or plans as they relate to the Potential Business Combination, anticipated benefits of the Potential Business Combination and expectations related to the terms and timing of the Potential Business Combination are also forward-looking statements.

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PRESENTERS

ProLogium

Vincent Yang
Founder, CEO & CTO

- Over 28 years in the lithium battery industry and the inventor of 1,000+ worldwide patents in the solid-state battery space
- Plant Director of Dayuan Plant and Director of R&D Dept., Foxconn Advanced Technology
- Director, Polymer Battery Division, Ultra-life Taiwan
- B.S. and M.S., Chemical Engineering & Materials Science and Engineering, National Taiwan University

FOXCONN® UMC ULTRALIFE BATTERIES INC

Ben Lee
CFO

- 20+ years of experience in finance and accounting, including leadership roles and public offerings with Canadian Solar and Yum! Brands

APWC O'NEIL GLOBAL ADVISORS Yum! CanadianSolar VESUVIUS pwc

TDAC

Michael B. Hoffman
Chairman and CEO

- Former Partner at Riverstone Holdings ($37B fund manager); Co-Head of Renewable and Power Strategies personally overseeing ~$7B in equity commitments
- Led landmark energy investments including Talen Energy (~$400M → ~$18B) and Pattern Energy (~$1B → ~$20B), demonstrating a proven track record of energy value creation at scale
- Senior Managing Director & Head of M&A at The Blackstone Group for 15 years; served on Private Equity Investment Committee and Executive Committee

Blackstone RIVER STONE Northern Genesis STONE CAPITAL PARTNERS ANNOVIS CGC

Avi Das
CFO

- Nearly 20 years of financing experience, including working with Mr. Hoffman on 3 prior SPACs and at Riverstone
- Started his career as an investment banker at Goldman Sachs

Goldman Sachs RIVER STONE STONE CAPITAL PARTNERS Northern Genesis Cimbria Capital

TRANSACTION SUMMARY

ProLogium to go public via business combination with Translational Development Acquisition Corp. ("TDAC", Nasdaq: TDAC)

~$3.8B

PRE-MONEY ENTERPRISE VALUATION[1]

Compelling valuation in light of ProLogium's next-generation battery technology, manufacturing track record, and commercial traction

~$300M

TARGET GROSS PROCEEDS

Will seek to be funded by a combination of anticipated PIPE proceeds and TDAC cash in trust at the close of the transaction

Funding supports ProLogium's manufacturing expansion outside Taiwan and Gen 4 battery commercialization; Initial phase of Dunkirk, France factory supports >4GWh/yr of 4th Generation Solid-State battery production

(1) Pre-Money Equity Valuation of ~$3.9B adjusted for $100M in net cash on ProLogium balance sheet. See page 38 for details.

PROLOGIUM HAS BEEN A GLOBAL LEADER IN SSB DESIGN AND MANUFACTURING SINCE 2006

	THE FIRST SOLID-STATE BATTERY ("SSB") COMPANY TO ACHIEVE COMMERCIAL-SCALE CELL PRODUCTION (2013) AND APPROACH GIGAWATT-HOUR SCALE PRODUCTION CAPACITY (2027)
	THE FIRST SOLID STATE BATTERY DEMO CAR IN 2019
	DESIGNED A BATTERY WITH ZERO THERMAL RUNAWAY RISK WITH GEN 4 TECHNOLOGY
	LARGEST PATENT PORTFOLIO AMONG PURE-PLAY SSB MANUFACTURERS
	AWARDED THE EU'S LARGEST SUBSIDY TO A FOREIGN BATTERY DEVELOPER (UP TO ~€1.4B) TO DRIVE EUROPEAN EXPANSION IN DUNKIRK, FRANCE[1]
	~$690M RAISED TO DATE FROM INSTITUTIONAL AND STRATEGIC PARTIES

(1) See page 45 for details.

PROLOGIUM IS ADVANCING THE NEXT GENERATION OF BATTERIES

The first scalable battery that eliminates the trade-offs between safety, energy density, performance, and cost

BATTERIES ARE STRATEGIC INFRASTRUCTURE

Batteries have become one of the most critical strategic assets underpinning the modern economy, as the world undergoes a once-in-a-generation transformation driven by electrification, energy transition, and AI infrastructure expansion

BOTH LIQUID & SOLID ARE TRAPPED BY TRADE-OFFS

But for the past 40 years, higher energy density inevitably increases thermal runaway risk

Both current liquid, solid-liquid or all-solid-state solutions remain a compromise between safety, energy density, performance, and cost

ProLogium

GEN 4 CHANGES THAT

Not another solid-state battery – the 4th generation ProLogium battery represents the safest solid-state battery ever developed

ProLogium Gen 4 combines

- Zero thermal runaway risk
- High energy density
- Balanced electrical performance
- Manufacturing know-how
- Cost competitiveness

in a single solution

PROLOGIUM'S TECHNOLOGY ADDRESSES CUSTOMERS' REQUIREMENTS

PROBLEM	TRADITIONAL LI-ION		GEN 4 SOLUTION	KEY PROLOGIUM PLATFORM ADVANTAGE
Thermal runaway risk reduces adoption and use cases in high-safety markets	**VARIABLE** *Thermal runaway*	→	**ZERO** *Thermal runaway*	Non-flammable solid electrolyte + 100% ceramic separator + Active Safety Mechanism (ASM)
Energy density insufficient for necessary product adoption or weight requirements	**265–300** *Wh/kg*	→	**360–470** *Wh/kg*	Enables 500+ mile EV range, eVTOL viability, and lighter packs across robotics and aerospace
Charge times creates consumer friction and infrastructure strain	**20-45 MINS** *From 5% to 60–80% SoC*	→	**4.6–6.4 MINS** *From 5% to 60–80% SoC*	Charging speeds approaching gasoline parity unlocking higher utilization for electric vehicles & robotics

PROBLEM	CURRENT SOLID STATE		GEN 4 SOLUTION	KEY PROLOGIUM PLATFORM ADVANTAGE
No next generation battery has been proven with manufacturability at scale or deliver commercial performance	**UNSOLVED CHALLENGES** *Conflicts between material and cell system nature*	→	**PROVEN HISTORY OF MANUFACTURING** *Giga-level production*	Production since 2013 and >10 years of manufacturing expertise built through 3 generations of production lines (>800k cells shipped from giga factory since 2024)
High costs hinder the commercialization of next generation batteries	**RARE MATERIAL & PROCESS COMPLEXITY**	→	**LOW-COST MATERIAL & STREAMLINED PROCESS**	Proprietary electrolyte with no rare materials + reduced production steps = lower CapEx + OpEx unit costs

I. THE COMPANY

PROLOGIUM IS A PROVEN LEADER IN THE NEXT GENERATION OF BATTERIES

OVERVIEW

Years of Battery Development
20

YE2025 Patents
1,000+

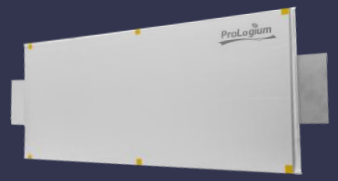
$M USD Raised to Date
~$690

Employees
820+

Automotive Samples Delivered
12,000

Cells Delivered to Global Clients Since 2013
2,400,000

KEY HIGHLIGHTS



Fast Charging
6.4 MINS
From 5 to 80% at 5C

-20°C Performance
>90%
Retention

NEXT-GEN BATTERY
Gen 4: Superfluidized (Solid-State 2.0)

OPERATIONAL GIGAFACTORY
Taoyuan, Taiwan

€1.4B FRENCH GOVERNMENT SUBSIDY
Dunkirk Gigafactory

BALANCED SOLUTIONS
5-Pillar Framework

KYUSHU ELECTRIC POWER CO.,INC.
Mercedes-Benz
OPmobility
VINFAST

WORLD-CLASS CUSTOMERS
Global Enterprises

ARKEMA
DELTA
FEV
MAHLE
RIMAC
Schneider Electric

GLOBAL PARTNER NETWORK
Industrial and R&D Partners

#1
In Patents

1,000+
YE2025 Patents

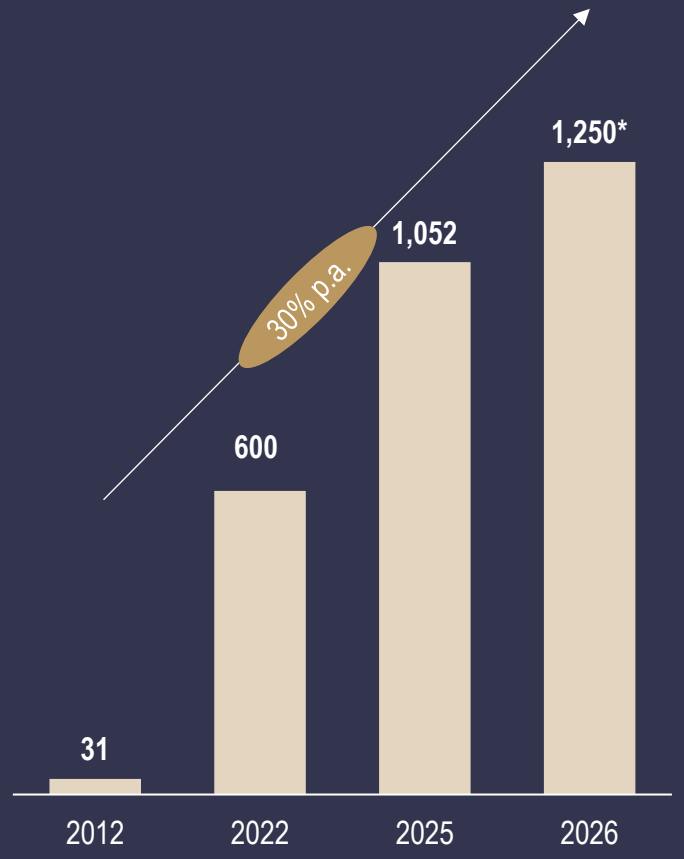
INDUSTRY-LEADING PATENTS
70% Active Patents

Mercedes-Benz
posco
VINFAST

TOP-TIER STRATEGIC BACKERS
Series E Investors

UNDERPINNED BY A PATENT PORTFOLIO THAT PROVIDES INDUSTRY-LEADING SCALE & COVERAGE

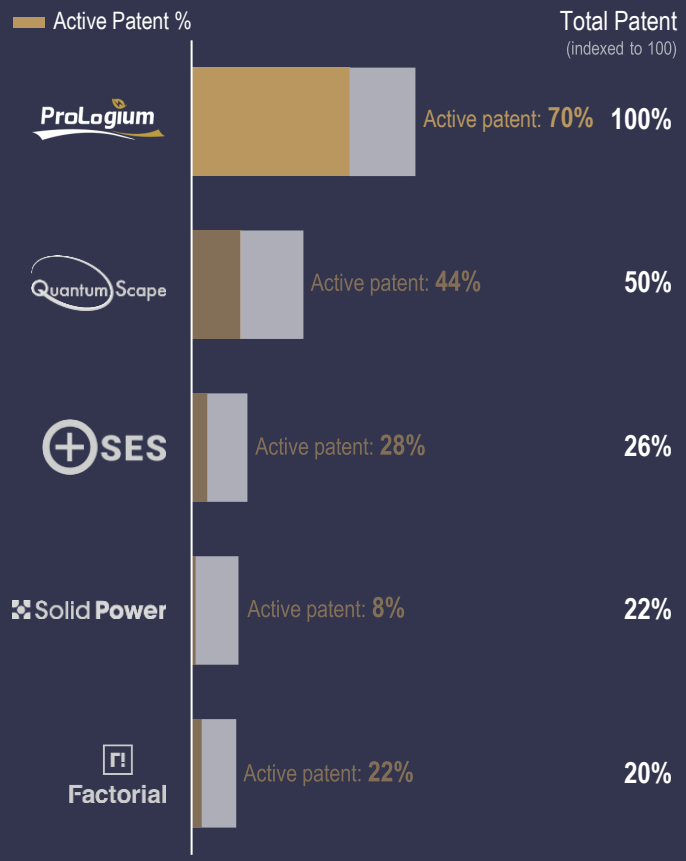
~30% CAGR in ProLogium's Patent Portfolio



ProLogium Leads in Total Patent Scale & Quality

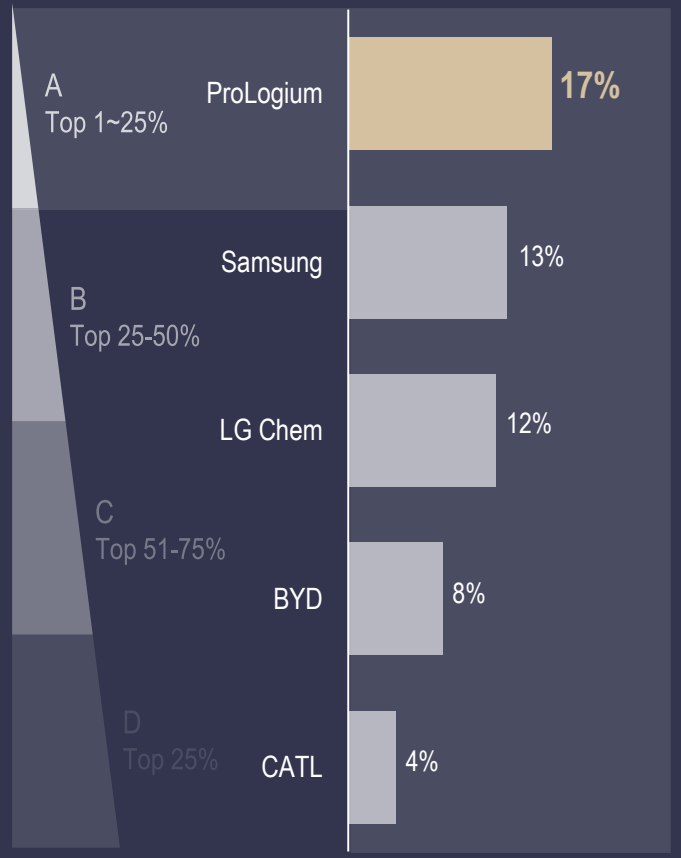
(Normalized to 100%)

Patentcloud



17% of ProLogium's Patent Are Ranked A(1)

InQuartik



* Planned by the end of 2026.

(1) Based on value metrics including commercialization actionability, market conditions and industrial positioning of the invention by 3rd party patent platform in 2023.

PROLOGIUM'S PLAN TO SCALE GLOBALLY FROM FOUNDATION IN TAIWAN

North America

US Expansion:

- Initiated discussions with U.S. and Canadian government agencies
- Conducting site selection across multiple U.S. states
- Inlay supply from Asia/EU; Partner assembly in U.S.

Europe

Dunkirk Gigafactory:

- Strong government support
- Targeting commercial operations by YE2029
- 2030E Production Capacity: **4.0 GWh**
- **Max Design Capacity: 44.0 GWh**

APAC

Taoke Gigafactory:

- The world's **1st SSB gigafactory**
- 2025 Production Capacity**: 0.5 GWh**
- 2030E Production Capacity: **>1.0 GWh**
- **Max Design Capacity: 3.0 GWh**

PHASED MASS PRODUCTION ROADMAP

TAIWAN: UP TO 3 GWH

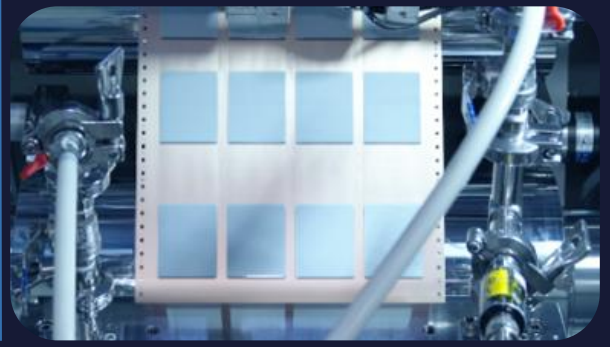
2032 2.05GWH

2031 1.05GWH

2030 1.05GWH

2029 0.80GWH

2027 0.80GWH



2024 0.55GWH

2017 0.05GWH

2013 0.01GWH

FRANCE: UP TO 44 GWH

2032 12.00GWH

2031 4.00GWH

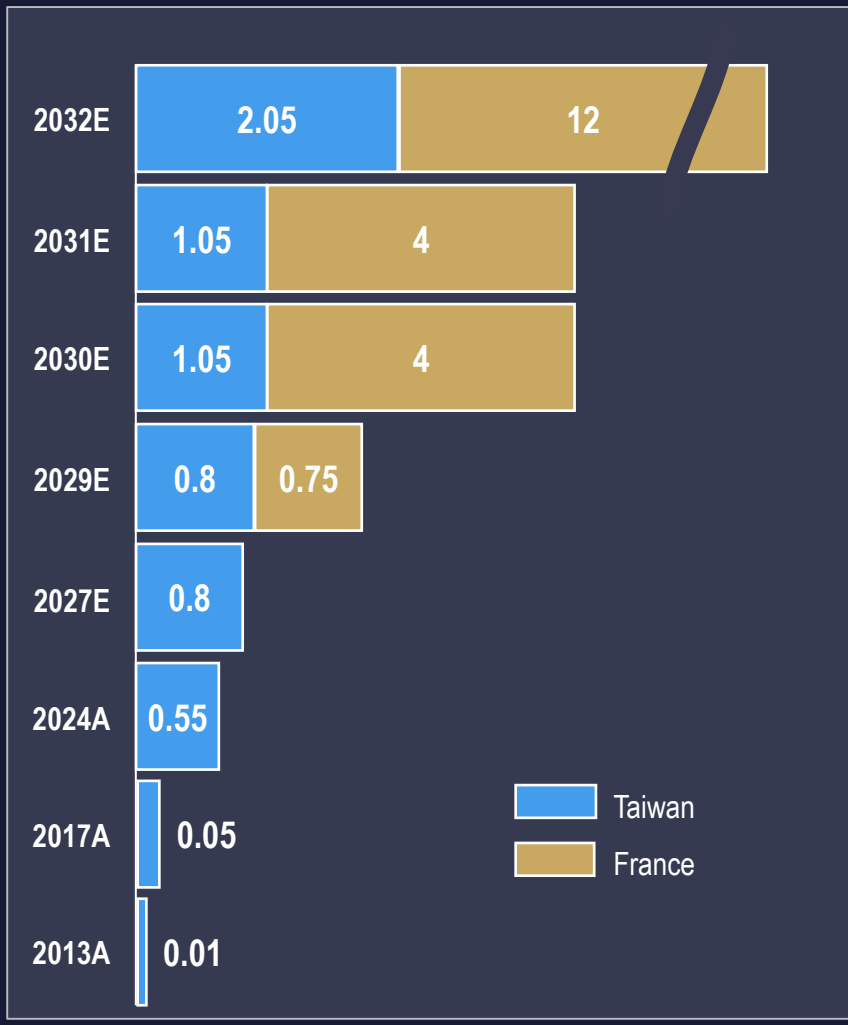
2030 4.00GWH

2029 0.75GWH

2026 Ground-Breaking Event

2024 French Projects Commenced

ACCUMULATIVE PRODUCTION CAPACITY (GWH)



Note: Anticipated production capacities are management estimates and are subject to change due to available financing and other factors outside of the Company's control.

SCALE-UP IN MANUFACTURING MATCHED TO MARKET TARGETING

Targeting High Performance Markets while achieving economies of scale before future expansion into mass EV market

2006 → 2025 → 2030+

PROVEN MARKET ADOPTION

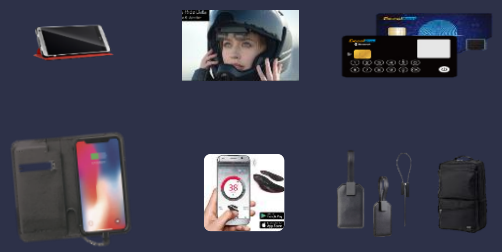
ProLogium has been manufacturing and commercializing solid-state batteries, demonstrating market proven technology since 2013

PREPARED FOR NEXT STAGE OF GROWTH

High density, safe and fast charging Gen 4 large-cell technology allows ProLogium to address premium market demand and production expansion

Portable Accessories, Wearables

Commercialized products with serial purchase orders



Semiconductor, AGV, Automotive

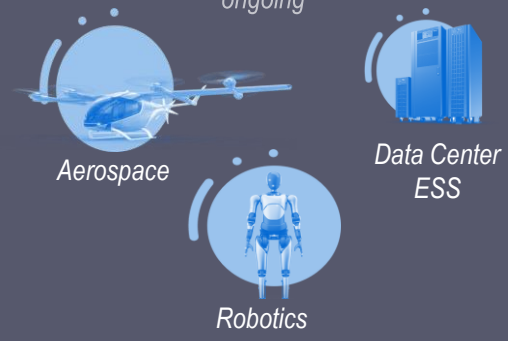
Commercialized products with serial purchase orders

Premium Vehicle Markets

Development projects with millions of USD revenues by sample delivery

Emerging Markets

Partnership secured, sample testing ongoing



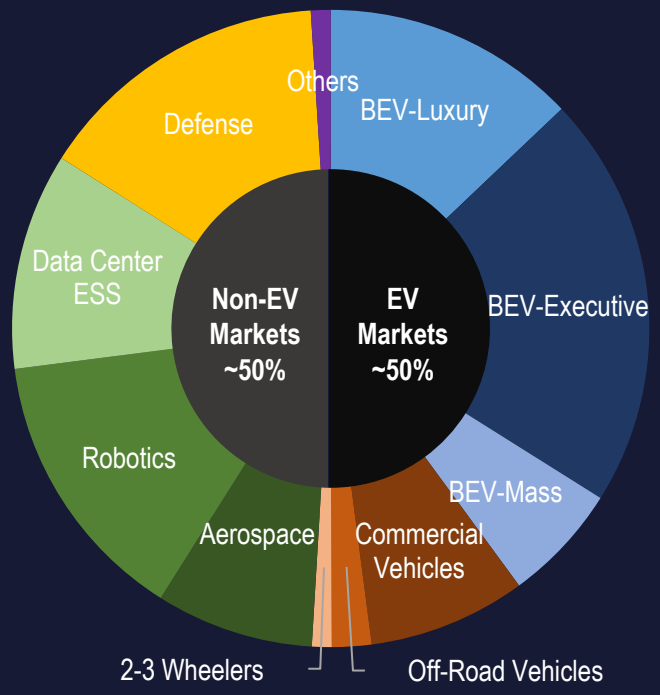
Small Size, ~30 Ah → **Large Size, ~100 Ah**

Flexible Lithium Ceramic Battery | Pouch Lithium Ceramic Battery | Pouch Lithium Ceramic Battery | Large Lithium Ceramic Battery

II. MARKET PERSPECTIVE & COMMERCIALIZATION

TRACTION ACROSS THE BATTERY ECOSYSTEM | A FOCUS ON HIGH GROWTH EMERGING MARKETS

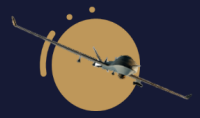
TARGET CUSTOMER MARKET BY REVENUE[1]



	MARKET SEGMENTS	CUSTOMERS WITH POs/MOUs (PR)
EMERGING MARKET	Robotics, Data Center ESS, Defense, Aerospace	25+ CUSTOMERS
MAINSTREAM MARKET	Passenger EVs (Luxury, executive & mass market), Commercial Vehicles, Construction Vehicles, Motorbikes/E-Bikes	14+ OEMs, 8+ TIER 1

Note: All target markets are supported by secured customer commitments (MoU/LOI/PO/DA).
(1) Represents Company's targeted breakdown of 2032 revenue by customer market segment.

PROLOGIUM'S TECHNOLOGY ADDRESSES THE DEMANDS OF PREMIUM MARKET SEGMENTS

	TARGET SEGMENT	2030E TAM ($B)	'25-30E TAM CAGR	RELATIVE PRODUCT GROSS MARGIN	THE ProLogium ADVANTAGE
Near-Term Markets	Premium Automotive 	~$17	11%		High voltage power & energy density without need for pressure management
	Aerospace & Defense 	~$15	8%		Safest battery technology for mission-critical applications
	Robotics 	~$15	39%		Extended operational life without sacrificing weight or power
	Data Center ESS 	~$5	7%		Safest battery technology for colocation with high-value compute
Future	Mass Market Automotive 	~$199	22%		Pursuing roll-out process over time; increased production capacity will create opportunity to target at scale in the future

Source: Premium Automotive: Ultra-Fast EV Batteries Market - Strategic Insights and Forecasts (2025-2030) (Knowledge Sourcing Intelligence), Aerospace and Defense Battery Market Current Trends Analysis 2026 to 2035 (Insightace Analytic), Humanoid Robot Battery Navigating Dynamics Comprehensive Analysis and Forecasts 2025-2033 (Market Report Analytics), Data Center Battery Market (2026 - 2033) (Grand View Research), Electric Vehicle Battery Market (2025 - 2030) (Grand View Research).

DELIVERING SUPERIOR PERFORMANCE FOR CUSTOMERS

MARKET SEGMENT	OPPORTUNITY	ProLogium GEN 4 VS TRADITIONAL LI-ION	
Premium Segment EVs 	Premium passenger applications benefit from extended range, faster charging, and cold-weather performance	**+20-55%** DRIVING RANGE	**6 MIN** CHARGE TIME
Aerospace 	Stringent weight and volume constraints, and zero-tolerance safety standards. SSB is the ideal option and critical enabler	**-30-50%** WEIGHT	**800+ KM** DISTANCE
Defense 	Safety, high energy density, high pressure operating performance, non-PRC supply chain	**+20-30%** MISSION TIME	**NON-PRC** SUPPLY CHAIN
Robotics 	Safety and longer operating time enabled by high energy density become gating factors to scale major use cases	**+40-55%** WORKING TIME	**6 MIN** CHARGE TIME
Data Center ESS 	Space limits, fast-discharge, high-power needs, and elevated on-rack safety requirements in Data center applications boost SSB adoption	**+2-5X** POWER DENSITY	**-10-20%** HEAT GENERATION

Note: Range includes Gen 4 and Gen 4+ expected performance versus traditional Li-ion.

ENABLING PARTNERSHIPS TO ACCELERATE COMMERCIALIZATION & EXPANSION

Flexible business model including Direct Sales + Licensing

	Material	Inlay	Cell / Module / Pack	Application Market
Select Partnerships	ARKEMA, Neomat, posco	ProLogium	KYUSHU ELECTRIC POWER CO.,INC., MAHLE, RIMAC TECHNOLOGY	Mercedes-Benz, mobility
ProLogium's Patents for Partnership	Proprietary material / component recipe of Gen 4 technology (i.e., electrode materials, electrolyte)	**Superfluidized All Inorganic Solid-State Lithium Ceramic Battery**	Cell assembly manufacturing technology with ProLogium Inlay	Next-generation mobility / energy solutions featuring ProLogium cells
Collaboration Model	Partner ⇄ ProLogium (Material Sales / License)	Proprietary Inlay structure provides ProLogium with flexibility to license, sell, built capacity with value chain partners to reduce cost and increase revenue.	ProLogium → Partner (Cell and Inlay Sales, Licensing)	

NEXT GENERATION BATTERY VALUE CHAIN

Note: All trademarks, logos, and brand names used in this document are the property of their respective owners. They are used for identification purposes only and do not imply any affiliation, partnership, or endorsement between the trademark owners and ProLogium.

CASE STUDY: SUPPLYING BATTERIES AS BACKUP UNITS FOR AI DATA CENTERS

STRATEGIC PARTNER

DARFON

As a leading provider of smart mobile energy storage solutions, Darfon Energy specializes in producing high-performance battery packs and intelligent energy storage technologies. Backed by 25+ years of electronics heritage, it collaborates with NVIDIA and industry partners to scale AI applications. Its global operations span Japan, South Korea, the United States, and Europe.

BOTTLENECKS

01 High Asset Value & Downtime Risk

AI servers are costly, and outages cause severe operational and financial losses.

02 BBU Space Constraints

High-power GPUs, cooling, and power systems are squeezing available BBU space.

03 GPU Power Consumption Surge

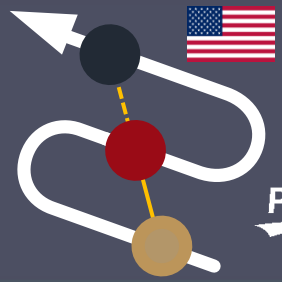
Exponential growth in GPU power demands (~1,000W in 2025) is straining power and cooling systems.

04 Cybersecurity Challenges

National security and policy requirements demand a secure supply chain.

OPPORTUNITY

DARFON
(Pack Maker)



A Leading U.S. Multinational Semiconductor Company
(Downstream End User)

ProLogium
(Cell Maker)

SOLUTIONS

Extreme Safety & Optimal Runtime

140%	RUNTIME BOOST AT 12C
ZERO	THERMAL RUNAWAY

Smaller Battery & Lower Heat Generation

900+	WH/L AT CELL LEVEL
<60°C	HIGH POWER DISCHARGE

Transient High-Power Support

UP TO 15C	HIGH RATE DISCHARGE
LOW	THERMAL GENERATION

Ex-PRC Supply Chain

TAIWAN	HQ / GIGAFACTORY R&D CENTER
FRANCE	GIGAFACTORY R&D CENTER

CASE STUDY: SOLVING BOTTLENECKS IN NEXT-GENERATION ROBOTICS

STRATEGIC PARTNER

Founded in 1971, Delta Electronics is a global leader in power and thermal management. It focuses on high-efficiency energy solutions and collaborates with NVIDIA and top 5 global robotics industry partners to scale up AI applications. With its smart power systems, Delta Electronics plays a key role in the global humanoid robotics supply chain. Its global footprint includes operations in Japan, Singapore, the U.S., and Europe.

BOTTLENECKS

01 Space & Weight Challenge

Due to constrained form factors, batteries must deliver high energy density while maintaining low weight.

02 Turnover Rate & Long Duration

High degrees of freedom (DoF) lead to high power consumption, requiring fast-charging capability to support longer on-site operation.

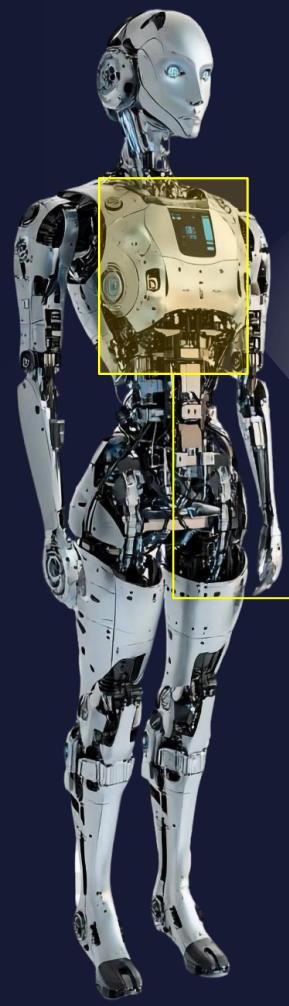
03 High Continuous & Pulse Discharge

Multi-joint operation requires 5C continuous discharge; sudden movements demand 10C pulse discharge for torque and balance.

04 Potential Safety Hazards

Batteries for humanoid robots (medical/household use), deep tech, and militaries require defense-grade safety standards.

OPPORTUNITY



Downstream End User — World's Largest Semiconductor Foundry

Midstream OEM

Pack Maker — DELTA

Cell Maker — ProLogium

Geopolitical Hedging — Ensuring EU/US regulatory compliance to reduce supply-chain risk

SOLUTIONS

Great Capacity & Performance	380+	WH/KG AT CELL LEVEL
	13%	HIGHER THAN TESLA'S 2.3 KWH
High Turnover & Longer Uptime	FAST CHARGING 6.4	MINS FOR 5-80% SOC
	+55%	AGAINST GENERAL UPTIME
Wide Operating Window	5C/10C	DISCHARGE CAPABILITY
	-30 TO 60°C	TEMP RANGE
Certifications	UL2271	SHOCK & EXPLOSION PROOF
	UL2280	HIGH THERMAL CAPABILITY

CASE STUDY: AEROSPACE APPLICATIONS WITH LIGHTER, DURABLE, AND HIGHER-PERFORMIMG BATTERIES

AERIAL VEHICLES / DRONES

THE WORLD'S LARGEST AMERICAN ONLINE RETAILER

BOTTLENECKS

- **Long Charging Downtime:** Disrupts logistics and operational efficiency
- **Poor Environmental Adaptability:** Performance degrades under extreme temperatures (<0°C or >45°C)
- **Unable to Find Absolute Safety:** NO thermal runaway by ARC Testing proof

AIRCRAFT

A EUROPEAN AEROSPACE PIONEER REDEFINING REGIONAL TRAVEL

BOTTLENECKS

- **Low Energy Density:** Long-range or heavy-payload missions require large battery packs, limiting usable cabin space
- **Thermal Safety Control:** High-energy aviation batteries are prone to thermal runaway

SATELLITE

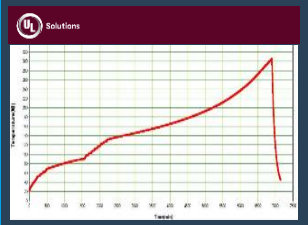
AN AMERICAN AEROSPACE MANUFACTURER AND SPACE GIANT

BOTTLENECKS

- **Thermal & Vibration Vacuum:** No battery has been able to reliably operate in vacuum environments while withstanding extreme temperature fluctuations and maintaining stable performance under prolonged vibration and mechanical stress

SOLUTIONS

Verified by UL Solutions



ZERO THERMAL RUNAWAY

Great Specific Energy
380+ WH/KG AT CELL LEVEL

Wide Operating Window
-30 TO 60°C

Fast Charging
~80% SOC < 6.4 MINS

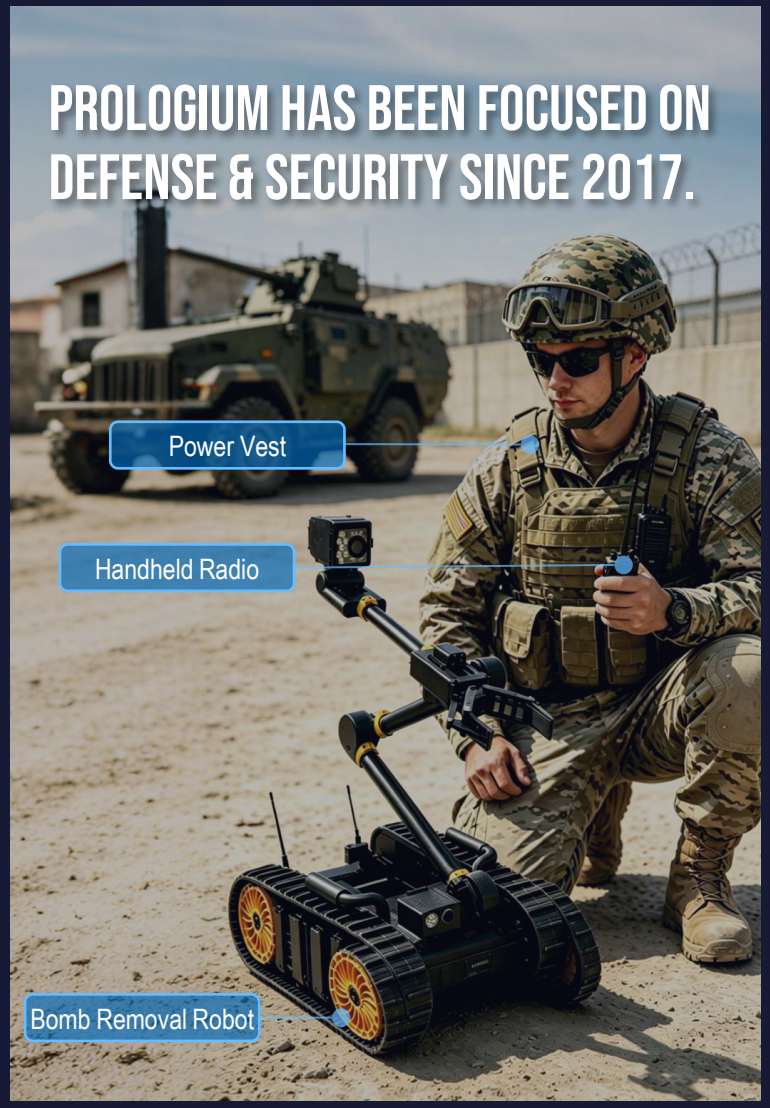
SOLUTIONS

Endorsed by Professional Third Party

High Thermal Vacuum at -20-45°C
<6.5X10^{-3} PA

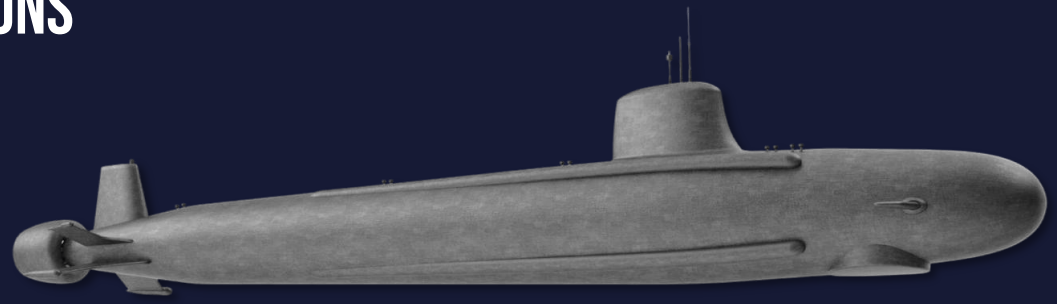
Great Vibration Vacuum at -25-65°C
<1X10^{-7} PA

CASE STUDY: ENERGY SOLUTIONS FOR DEFENSE APPLICATIONS



SUBMARINE

A French-registered historical supplier to the French Ministry of Defense, the Ministry of the Interior, and NATO



High Energy Density Needed

Extreme Safety Required

Wide Temperature Adaptability

DEFENSE TECH

Exploring a supply contract with a U.S. defense technology company, delivering cutting-edge capabilities to military contractors

High Continuous & Pulse Discharge

Bullet Resistant & Explosion Proof

Geopolitically Sensitive Origins Excluded

Solutions

Great Specific Energy
380+ WH/KG AT CELL LEVEL

Ultimate Safety
ZERO THERMAL RUNAWAY

Post-Shooting Test
VOLTAGE REMAINS AT 4.2V

Wide Operating Window
-30 TO 60°C

Pressure Resistance
750 BAR

Continuous & High-Rate Discharge
5C/10C DISCHARGE CAPABILITY

Non-PRC Supply Chain
TAIWAN/FRANCE GIGAFACTORY R&D CENTER

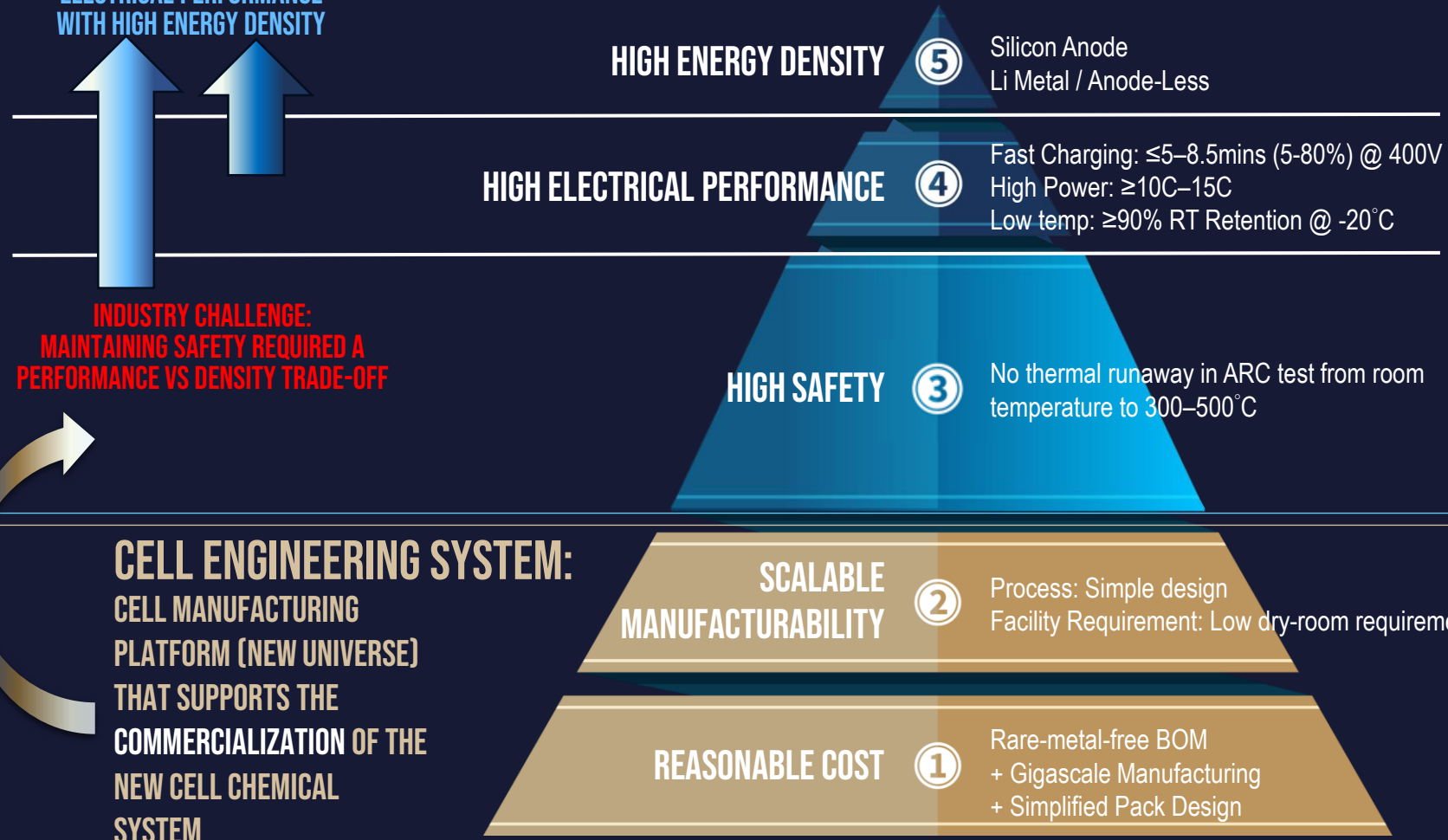
III. TECHNOLOGY & CAPABILITIES

THE PATH TOWARD NEXT-GENERATION BATTERIES

Balanced Chemical System Enabled by Scalable Manufacturability and Reasonable Unit Cost

NO TRADE-OFF BETWEEN ELECTRICAL PERFORMANCE WITH HIGH ENERGY DENSITY

INDUSTRY CHALLENGE: MAINTAINING SAFETY REQUIRED A PERFORMANCE VS DENSITY TRADE-OFF



CREATE A RELIABLE CELL MANUFACTURING PLATFORM (NEW UNIVERSE) FOR THE NEW CELL CHEMICAL SYSTEM

CELL ENGINEERING SYSTEM:
CELL MANUFACTURING PLATFORM (NEW UNIVERSE) THAT SUPPORTS THE **COMMERCIALIZATION** OF THE NEW CELL CHEMICAL SYSTEM

THE CHEMISTRY DESIGN PATH FOR NEXT GENERATION BATTERIES

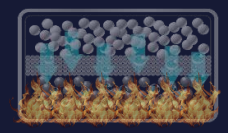
First-Principles Approach to the Intrinsic Properties of Key Battery Cell Components and Materials Solves Density Limitations

INDUSTRY CHALLENGES

ProLogium

GEN 4
1ST PRINCIPAL FOCUS

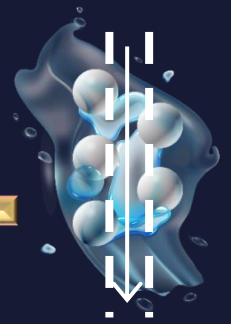
SAFETY



In a thermal event, the cathode releases oxygen, which can react violently with lithium metal formed at the anode and with flammable electrolyte solvents, **leading to rapid fire or explosion.**

- 1.1 NONFLAMMABLE ELECTROLYTE
- 1.2 CERAMIC SEPARATOR
- 1.3 ACTIVE SAFETY MECHANISM

ELECTRICAL PERFORMANCE

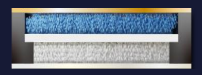


Ionic migration of the electrolyte fundamentally determines how efficiently & uniformly Li+ migrate in a rechargeable battery – cycle life, low temperature performance, fast charging & thermal stability.

- 2.1 TRANSFERENCE NUMBER
- 2.2 IONIC CONDUCTIVITY
- 2.3 INTERFACE CONTACT

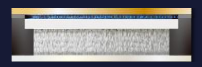
ENERGY DENSITY

100% Silicon Anode



360-400 Wh/kg

Li-metal Anode(1)



430-470 Wh/kg

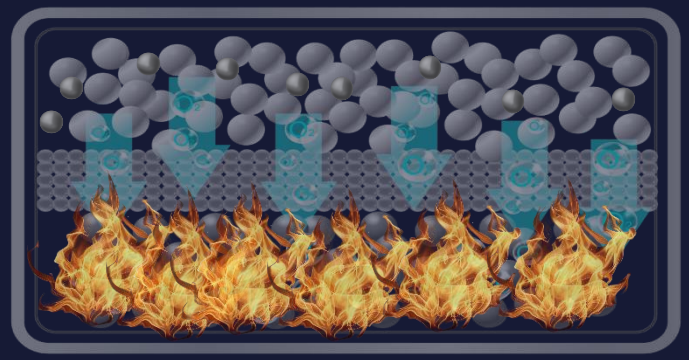
Perfect but dangerous materials like NMC 955 cathode, 100% silicon or even Li-metal anode can be applied only when safety is ensured. Excellent electrical performance enables thick film process for even higher energy density compared to conventional limit of 280Wh/kg.

- 3.1 USE OF REACTIVE MATERIALS
  – Supported by Safety
- 3.2 ADOPTING THICKER FILM (NO POLARIZATION)
  – Supported by Performance

(1) Post-Gen 4 technology on Company development roadmap.

SAFETY: AN INHERENTLY SAFE PRODUCT FOR CUSTOMERS

CONVENTIONAL LI-ION BATTERIES & CURRENT SEMI-SOLID OR ALL-SOLID-STATE BATTERIES

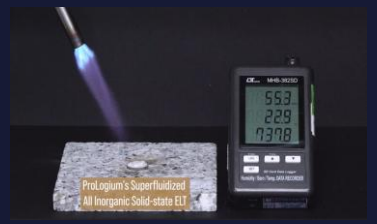


In a thermal event, the cathode releases oxygen, which can react violently with lithium metal formed at the anode and with flammable electrolyte solvents, **leading to rapid fire or explosion**

TRIPLE Safety Mechanism

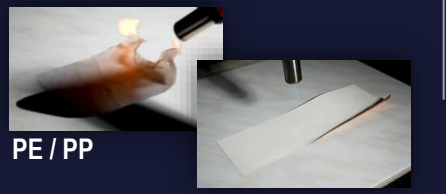
1 NON-FLAMMABLE ELECTROLYTE

Fully inorganic, non-flammable solid electrolyte, replacing the flammable liquid electrolytes present in conventional lithium-ion batteries



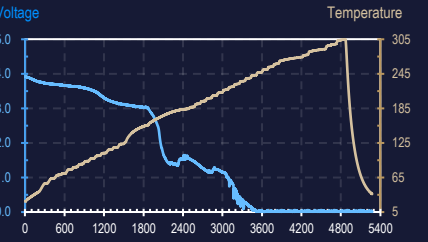
2 ALL CERAMIC SEPARATOR

100% ceramic separator withstands **much higher temperatures** than PP/PE separators, preventing internal short circuits and propagation



3 ASM[1] EMBEDDED SUPERFLUIDIZED ALL INORGANIC SSE

Superfluidized All Inorganic SSE **automatically decomposes in ASM components** when exposed to high temperatures, **stabilizing the cathode and the anode**, preventing thermal runaway

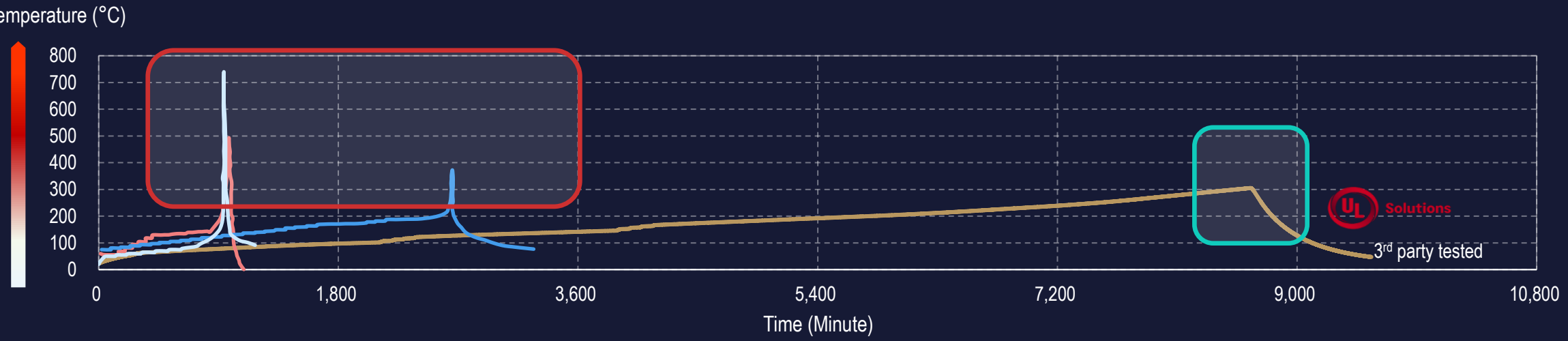


(1) Active Safety Mechanism by ProLogium.

SAFETY: EMBEDDED ASM MATERIAL ACTIVATES AT 125°C AND STABILIZES THE THERMAL SOURCE

Solving the two electrode volcanoes: Nonflammable electrolyte with embedded ASM actively stopping reactions

Accelerating Rate Calorimeter (ARC) Test



Thermal runaway

Conventional

- Conventional Liquid(1)

Next Generation 1.0

- Solid-liquid
- All solid state

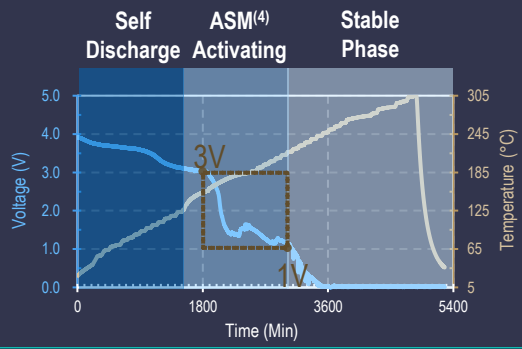
- Solid Liquid(2)
- Solid Sulfide, LPSC(3)

No thermal runaway

Next Generation 2.0 — ProLogium Gen 4

ASM(4) embedded superfluidized solid-state Electrolyte

ProLogium Gen 4 is the first and only cell to complete ARC testing without thermal runaway in the 40-year history of lithium batteries.



V(Full Cell) = V_{CAM}-V_{AAM} ≈ 3 V
CAM = CAM
Si-Li Alloy = Si-Li Alloy

V(Full Cell) = VCAM'-VAAM' ≈ 1 V
CAM = CAM' (Different Crystalline)
Si-Li Alloy → Si-Li-X Compound

Note: Accelerating Rate Calorimeter (ARC) chart reproduced based on published academic literature.
(1) Key Characteristics for Thermal Runaway of Li-ion Batteries, Energy Procedia 158 (2019): 4684-4689.
(2) In situ-polymerized lithium salt as a polymer electrolyte for high-safety lithium metal batteries.
(3) Stage-Dominated Thermal Runaway in Sulfide ASSBs: Decoupled Electrochemical Ignition and Chemical Cascades, https://doi.org/10.21203/rs.3.rs-6428540/v1.
(4) Active Safety Mechanism by ProLogium.

PERFORMANCE: PROLOGIUM'S ELECTROLYTE REDEFINES PERFORMANCE LIMITS

All-in One Platform combining High Li+ Migration, homogeneous interface and pressure-free operation

ProLogium GEN 4 ELECTROLYTE - SUPERFLUIDIZED SOLID STATE

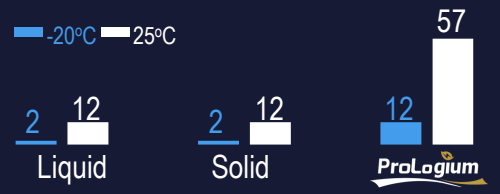
The Best of Conventional Solid & Liquid

1 TRANSFERENCE NUMBER

Near 100% Li+ transport efficiency with minimal concentration polarization

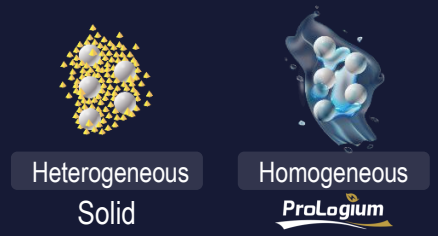
2 IONIC CONDUCTIVITY[1], mS/cm

57 mS/cm at 25°C, 5x higher than the best of solid & liquid electrolytes



3 INTERFACIAL CONTACT

Pressure-free operation enabled by non-Newtonian flow behavior



UNPARALLELED CELL-LEVEL PERFORMANCE

Revolutionary cell performance without external pressure

Fast Charging

6.4 mins

From 5% to 80%

C-rate Capability

15C

Discharging Rate

Fast Charging Cycle

>1,000

Under Fast Charging

-20°C Performance

>90%

Retention

(1) Societe Generale de Surveillance SA.

PERFORMANCE: HIGHEST PROVEN IONIC CONDUCTIVITY

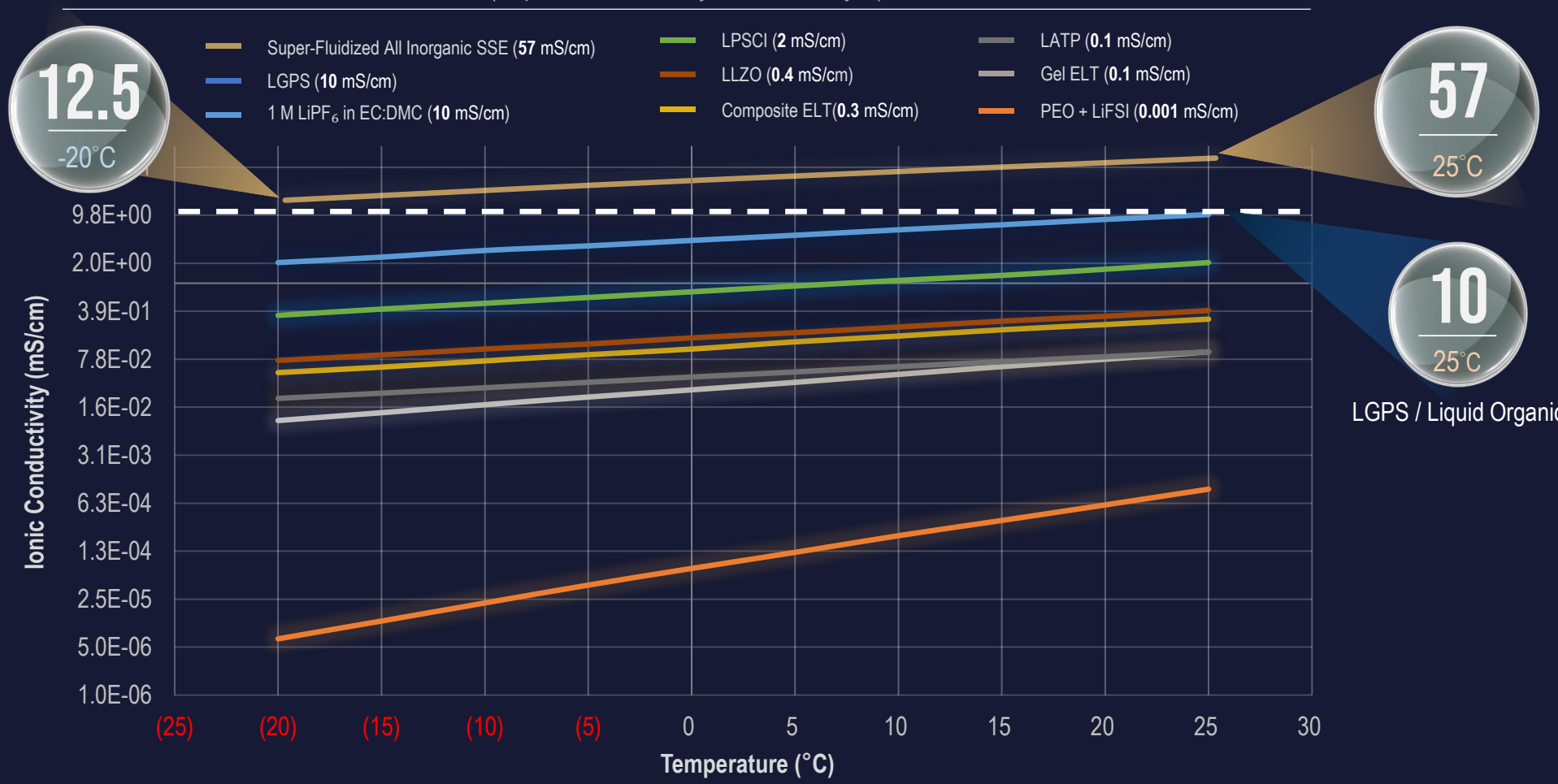
Super-Fluidized All Inorganic SSE Achieves the World's Highest Ionic Conductivity Among Electrolytes at Low and Room Temp

SGS Certified Conductivity Test


SGS
Witness Report
Ultra Trace Analysis Service Center of Semiconductor


SGS
Witness Report
Ultra Trace Analysis Service Center of Semiconductor

Ionic Conductivity vs Temperature
(Liquid, Solid & Polymer Electrolyte)



ENERGY DENSITY: TECHNOLOGY UNLOCKS SAFETY LIMITATIONS ON HIGHER ENERGY DENSITY

Innovative Technology ***Enables*** High Energy Density

MARKET CHALLENGES

Conventional liquid & solid-state batteries increase thermal runaway risk or reduce electric performance as energy density rises, creating a liquid-chemistry density ceiling

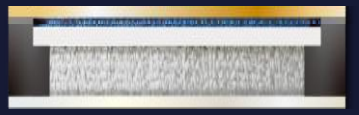
ProLogium SOLUTION

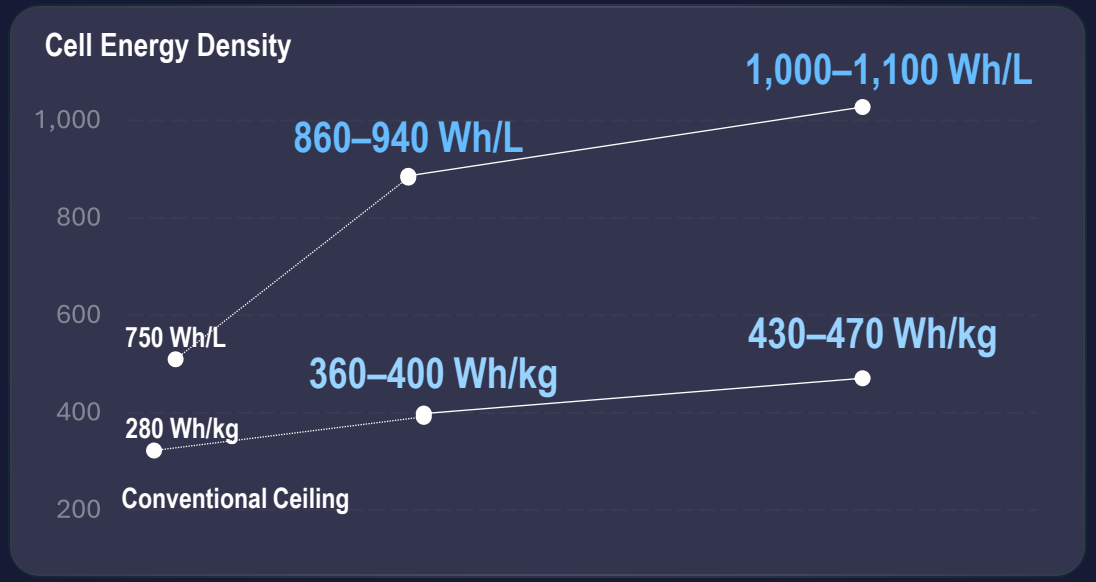
ProLogium solves this fundamental contradiction at the material level

Safety and electric performance are no longer trade-offs against energy density, allowing 4th generation technology to exceed traditional ceilings with a roadmap to additional future performance

100% Silicon Anode
(4th Gen)

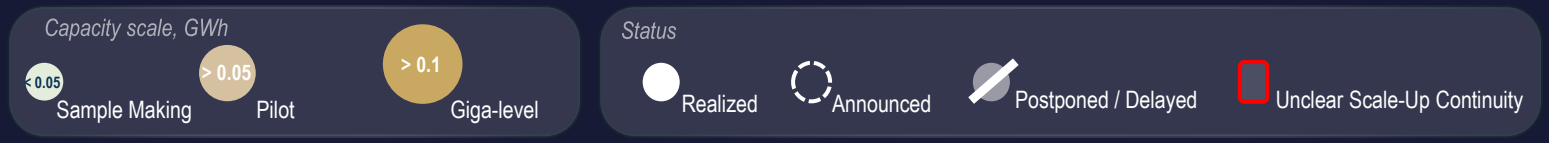
Li-metal Anode
(Technology Roadmap)





MANUFACTURING: FIRST SSB DEVELOPER TO ACHIEVE SAMPLE THROUGH NEAR GIGA-LEVEL

Production capacity since 2013



Company	2013	2017	…	2022	2024	2025	2026	2027	2028	2029	2030
ProLogium (Cumulative, GWh)	0.01	0.05			0.55			0.8		1.6	5.05
QuantumScape					0.25	0.75					
							0.01(1)				
TOYOTA				Mass production (Begin sales of ASSB cars)		Mass production			Limited scale		Mass production
Factorial					- Announced in 2023 Oct - Sold in 2025 Oct during pre-IPO stage		0.02(1)				

ProLogium Competitive Head Start in Manufacturing

13 YEARS

15 YEARS

13 YEARS

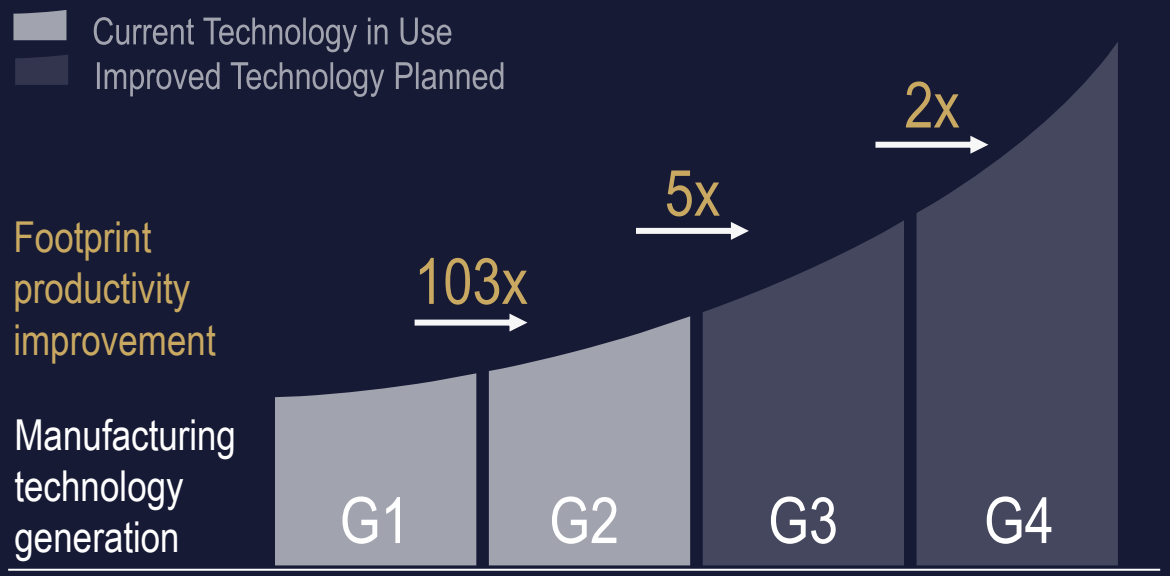
PROLOGIUM IS THE GLOBAL LEADER IN SOLID STATE MANUFACTURING

- Automated production for large EV cells ~13 years ahead of competitors
- Taiwan production facility delivered on-time and on-budget
- Continuous production scale up planned in Taiwan and France

Source: Public investor presentations, International Battery Summit 2026, ProLogium internal calculations.
(1) Transitioned to licensing model, reducing need for in-house manufacturing.

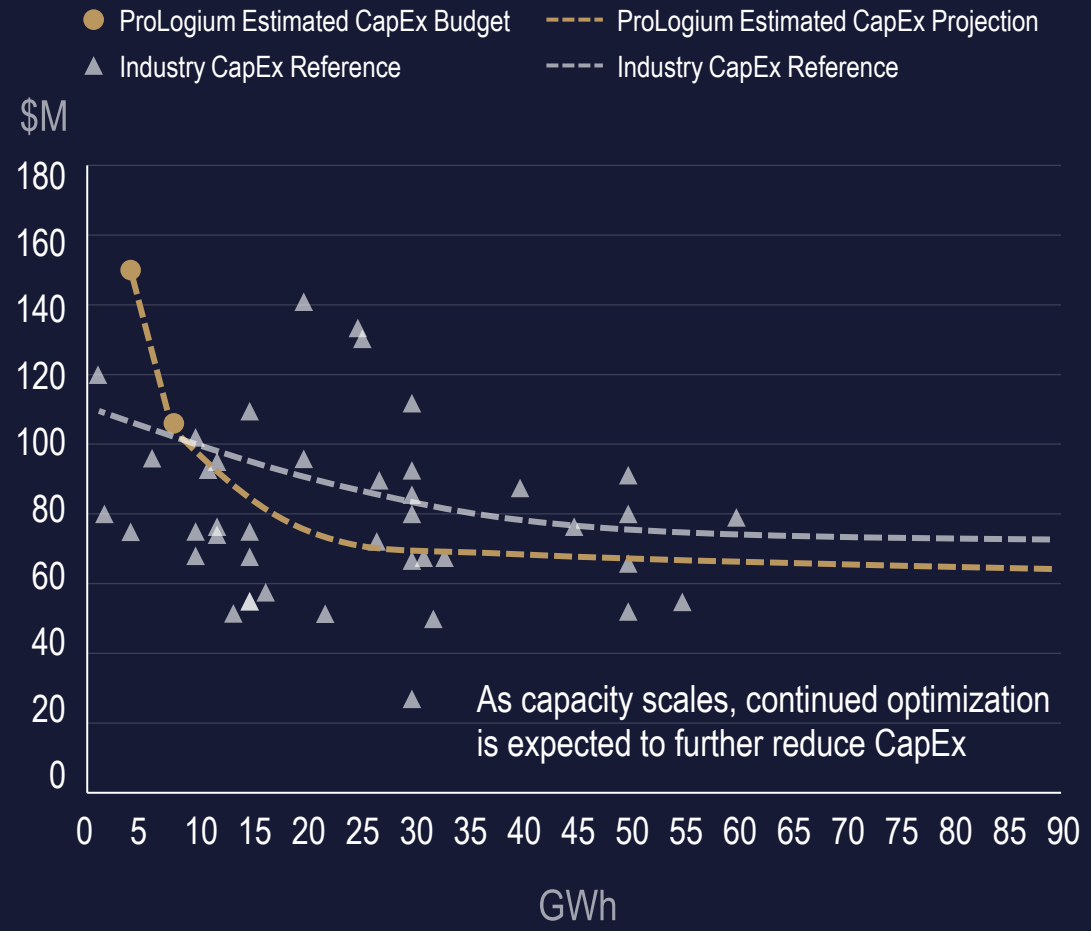
MANUFACTURING: PATH TO CAPEX/MWH COMPETITIVENESS WITH BENCHMARKS

Manufacturing Efficiency Improvement Roadmap



Parameters	G1	G2	G3	G4
Width (mm)	250	660	660	1,320
Length (mm)	300	1,260	1,260	1,260
Speed (m/min)	10	30	55	55
Footprint (m^2/GWh)	65,000	21,000	8,286	6,854

ProLogium's Current CapEx is Competitive with EU and U.S. Industry Benchmarks (Total CapEx $M/GWh)



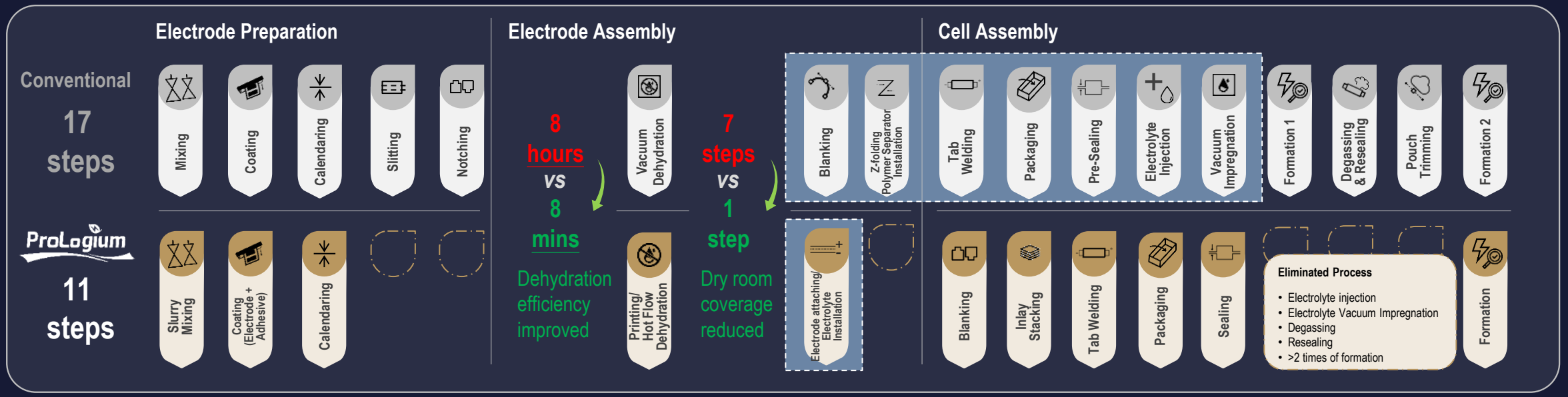
Source: Company estimates.
Note: Anticipated costs are management estimates only and are subject to change due to permitting, available financing including the Business Combination, suppliers, and other factors outside of the Company's control.

COST & SCALABILITY: A MORE SCALABLE OPERATIONAL FLOW REDUCES OPEX UNIT COSTS

SIMPLIFIED MANUFACTURING FLOW *Fewer Steps. Higher Efficiency. Greater Scalability*

Process steps requiring dry room

Process steps integrated/eliminated by ProLogium



GIGA-LEVEL AUTOMATED LINE VALIDATED

Already operating and shipping products

30-40%
Fewer manufacturing step

60-70%
Reduced dry room coverage

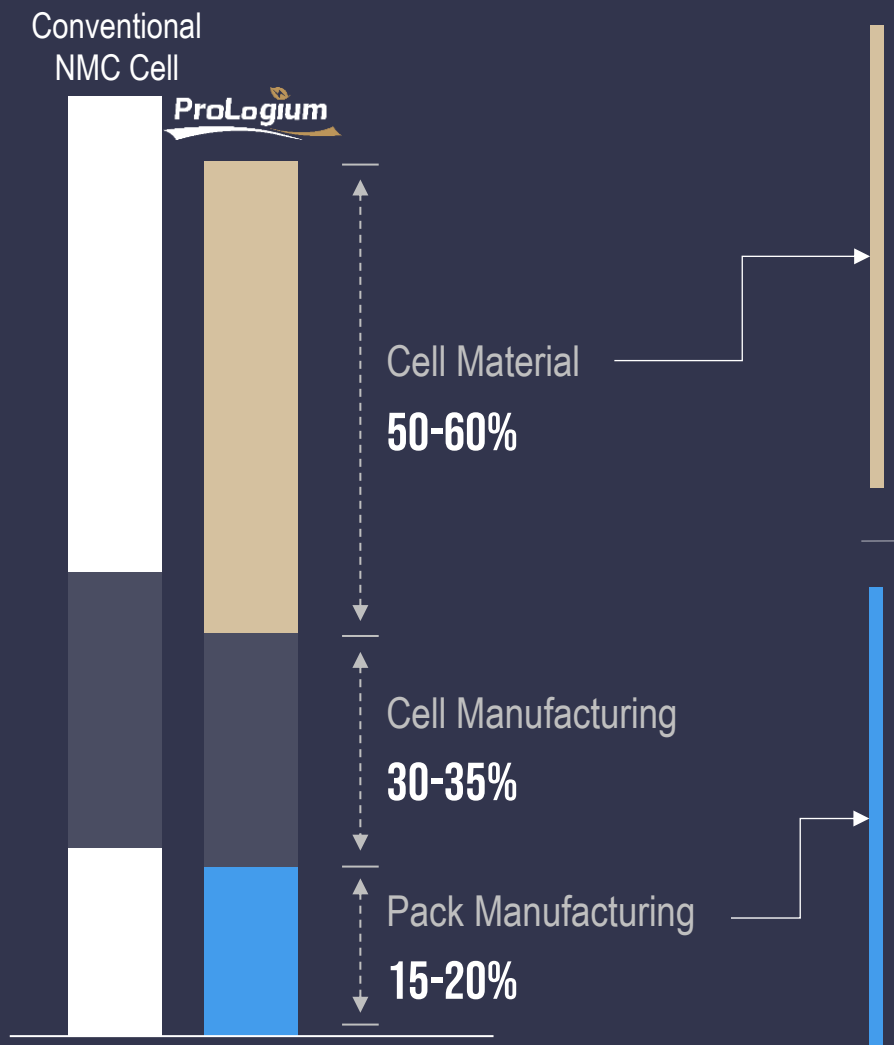
800,000
Cells shipped from Giga Factory

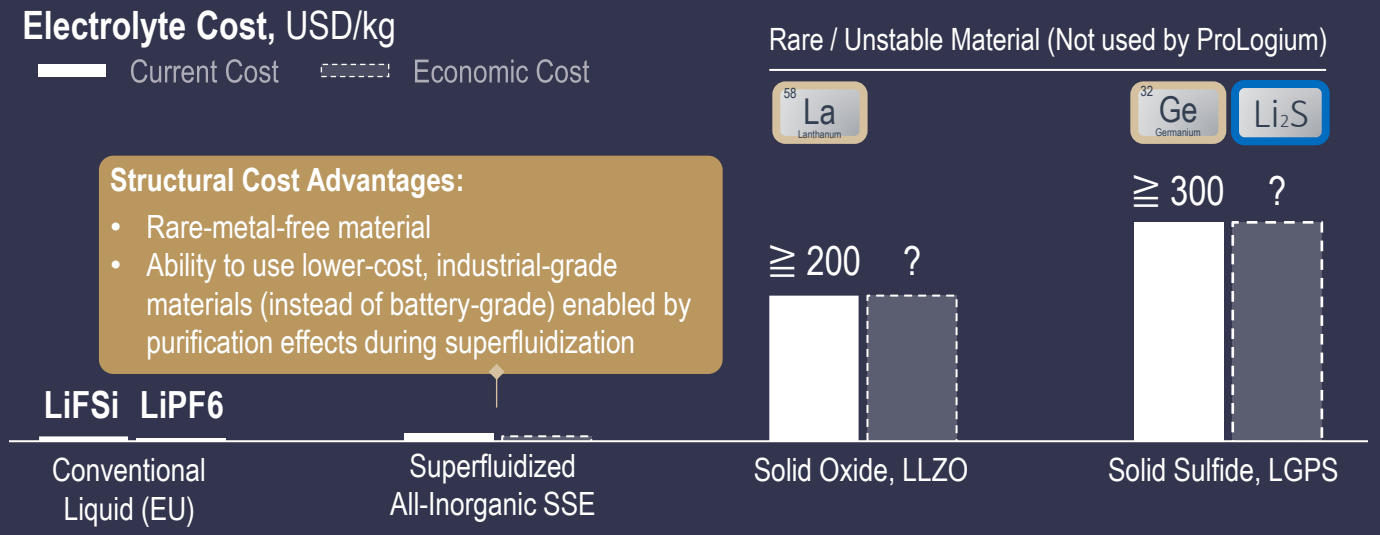
Reduced investment
Lower CapEx & OpEx

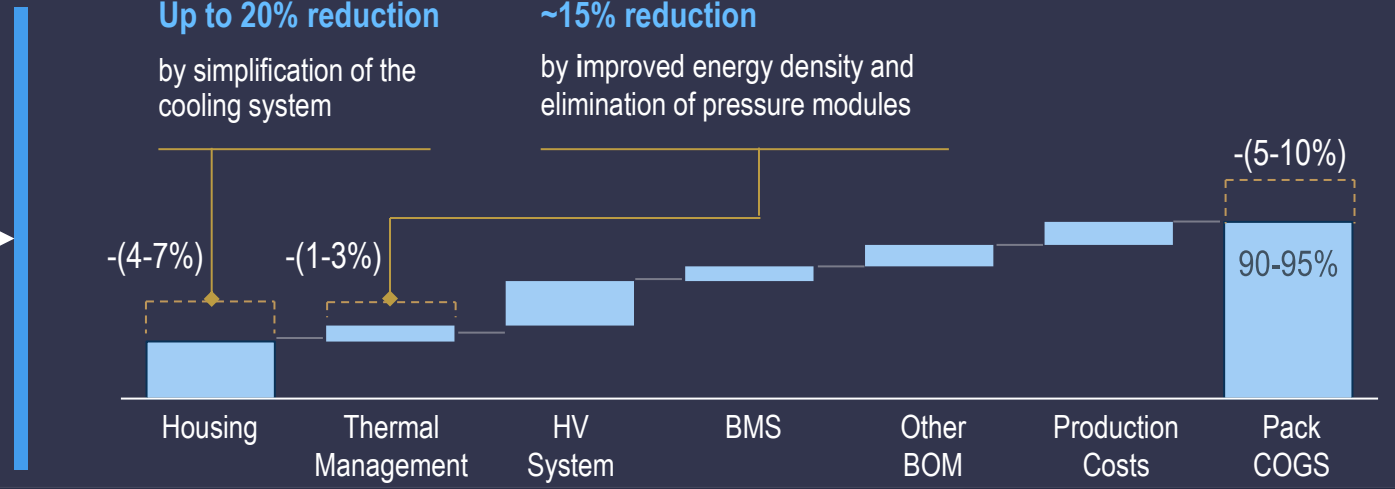
Patent Protected
Logithium™ architecture & process know-how since 2010

Footage captured on ProLogium Taoke production line in Nov 2023

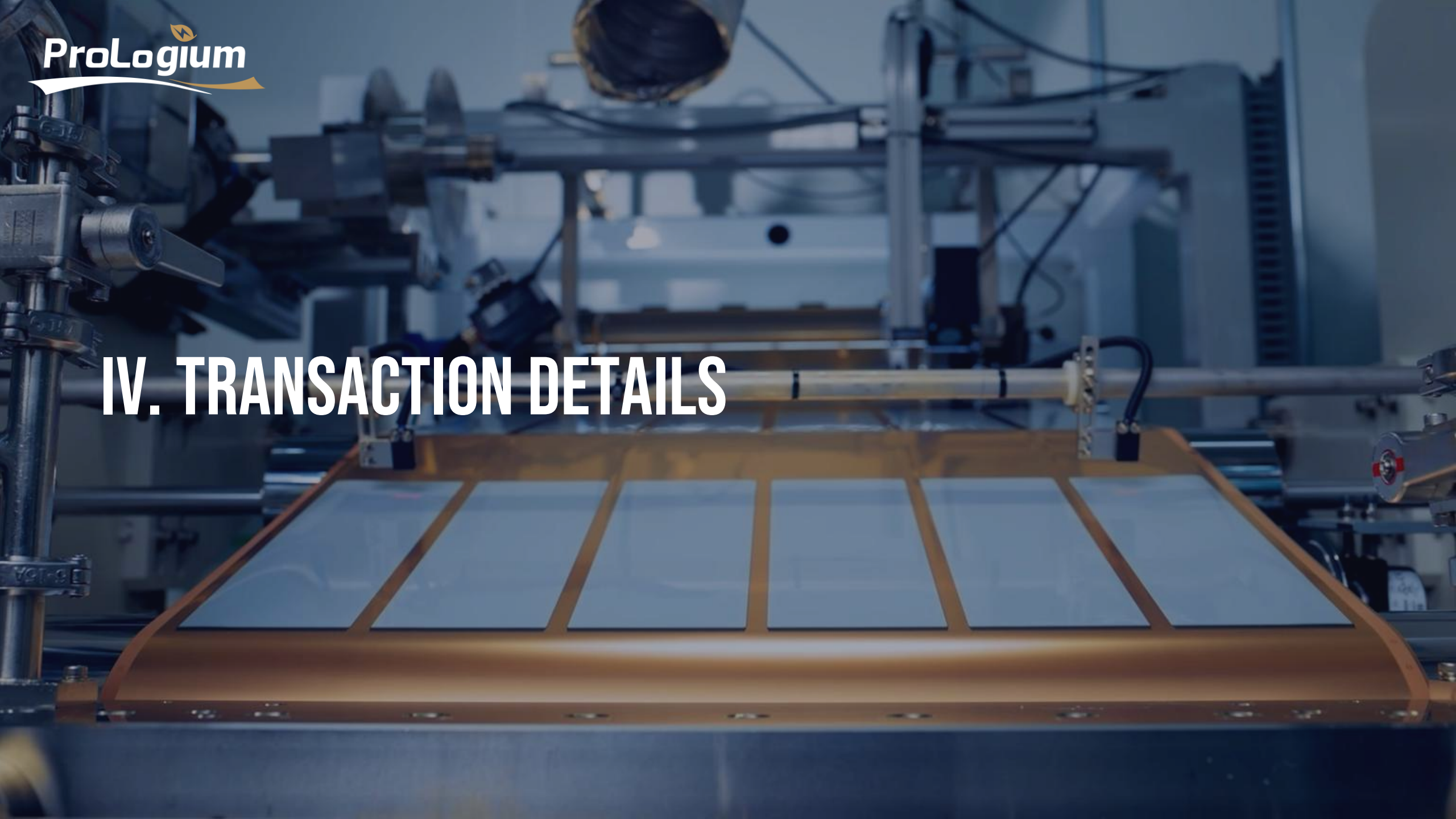
COST & SCALABILITY: ELECTROLYTE MATERIAL COMPOSITION FURTHER REDUCES UNIT COSTS WHEN COMBINED WITH ASSEMBLY PROCESS







Source: Company estimates.
Note: Anticipated costs are management estimates only and are subject to change due to permitting, available financing including the Business Combination, suppliers, and other factors outside of the Company's control.



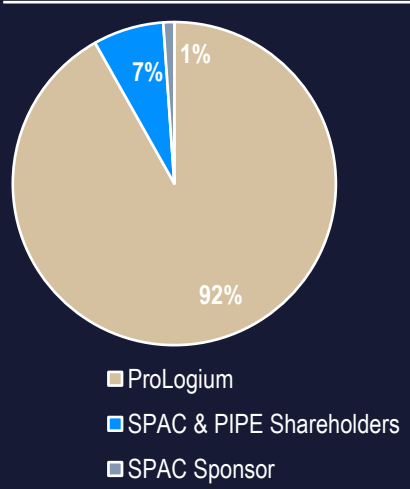
IV. TRANSACTION DETAILS

TRANSACTION SUMMARY

Key Transaction Terms

- **ProLogium valued at $3,800M Pre-Money Enterprise Value ($3,900M Equity Value adjusted for $100M in net cash on ProLogium balance sheet)**
- **Targeting ~$300M of incremental gross proceeds delivered to ProLogium's balance sheet through a combination of SPAC cash in trust and PIPE proceeds**
- **At close, ProLogium is seeking to have ~$370M of net cash on the balance sheet**
  - *Comprised of the ~$300M gross proceeds, less $30M of transaction expenses, plus $100M of existing net cash*
- **Pro Forma Enterprise Value of ~$3,877M**
- **Targeting closing in 2H2026(1)**

Pro Forma Ownership at Close(2)



Shareholder	Shares	Value ($M)
ProLogium	390.0	$3,900.0
SPAC & PIPE Investors	30.0	$300.0
SPAC Sponsor	4.7	$46.6
Total	**424.7**	**$4,246.6**

Illustrative Pro Forma Valuation ($M)

Pro Forma Valuation	
Illustrative Share Price at Closing	$10.00
Pro Forma Shares Outstanding (M)	424.7
Pro Forma Equity Value ($M)	**$4,246.6**
Existing Net Cash Position ($M)	(100.0)
Net Cash from Transaction ($M)	(270.0)
Pro Forma Enterprise Value ($M)	**$3,876.6**

Sources and Uses ($M)

Sources	
ProLogium Valuation	$3,800.0
Existing Net Cash	100.0
SPAC Cash in Trust & PIPE Proceeds	300.0
Total Sources	**$4,200.0**

Uses	
ProLogium Purchase Price	$3,900.0
Cash to the Balance Sheet	270.0
Estimated Transaction Expenses	30.0
Total Uses	**$4,200.0**

(1) Subject to approval by the shareholders of both ProLogium and TDAC, regulatory approvals, and other customary closing conditions.
(2) ProLogium share count based on $3,800M pre-money enterprise value plus $100mm in existing net cash. Excludes impact of 8.63 million public warrants and 7.08 million private placement warrants. Assumes PIPE financing is successfully closed.

TRANSACTION PROVIDES THE OPPORTUNITY TO SCALE

Dunkirk Phase 1: 4 GWh Capacity by 2030

Item	(US$ million) Amount
Investment in France 4 GWh Capacity (A)	~773
Funding Structure:	
– Net Cash balance at close	~100
– De-SPAC Cash to the Balance Sheet	~270
– Government Subsidies (BPI)[1]	~705
Total Funding Secured (B)	**~1,075**
Liquidity Available for Future Growth (=B-A)	**~300**

Industrial-Scale Capacity Established

Opportunity for an incremental 4 GWh of production by 2030

Capital Ready for Next-Phase Scaling

Liquidity post-Phase 1 in France provides flexibility for scaling to 12 or more GWh of production capacity

CAPITAL ⟩⟩⟩ **INDUSTRIAL SCALE** ⟩⟩⟩ **REPEATABLE REVENUE GROWTH**

- PHASE 1: ~$773M TO UNLOCK 4 GWH OF CAPACITY
- TRANSACTION PROVIDES SUFFICIENT LIQUIDITY TO ACHIEVE THIS INITIAL GOAL AND MORE

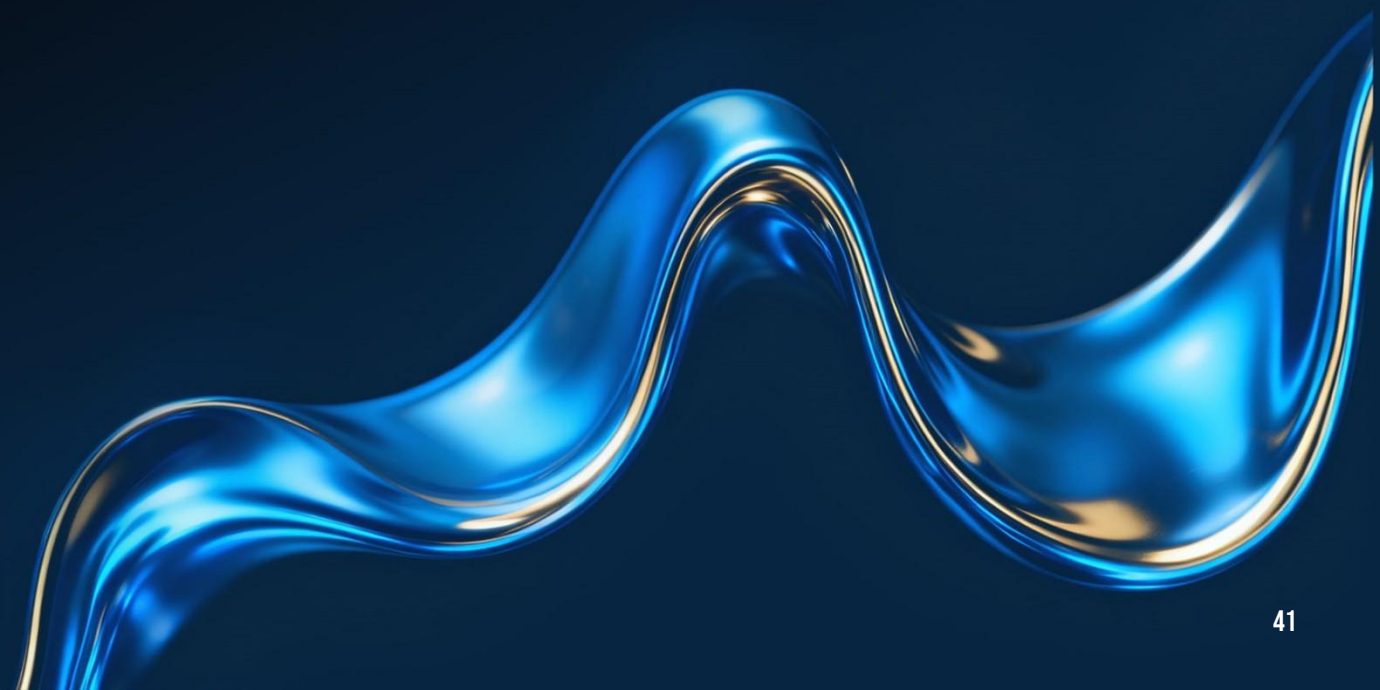
Note: Assumes $300M raised through a combination of Trust proceeds and PIPE investment, net of $30M in transaction expenses.
(1) Calculated based on estimated cumulative €608M received through 2029 adjusted to USD based on a 1.1615 USD/EUR FX rate as of May 22, 2026.

BENCHMARKING CONSIDERATIONS

	ProLogium	QuantumScape	Factorial
Current Markets Served	Aerospace & Defense, Data Center ESS, EVs, Robotics	EVs	Aerospace & Defense, EVs, Robotics
Manufacturing Capacity	0.5 GWh/yr in Taoyuan, Taiwan + 4 GWh/yr in Dunkirk, France[1]	Pilot lines in San Jose, CA	Pilot lines in Massachusetts, USA and Cheonan, South Korea
YE2025 Patents[2]	1,000+	400+	150+
Initial Commercialized Product	2013	Pre-Commercial	Pre-Commercial
Number of Units Shipped	2.4M+	Undisclosed # of samples	Thousands to global OEMs for testing
Thermal Runaway Eliminated	✓	✗	✗
Pro Forma Equity Value ($B)	$4.2[3]	$5.4[4]	$1.2[5]
Pro Forma Enterprise Value ($B)	$3.9[3]	$4.5[4]	$1.1[5]

Source: Company websites, filings, presentations, and earnings releases.
(1) Under construction. 2030E Production Capacity: 4.0 GWh. Max Design Capacity: 44.0 GWh.
(2) Includes granted and pending patents as of YE2025.
(3) ProLogium valued at $3,800M Pre-Money Enterprise Value ($3,900M Equity Value adjusted for $100M in net cash on ProLogium balance sheet). Pro forma equity value assumes ~$300M of incremental gross proceeds delivered to ProLogium as part of the transaction, less ~$30M for transaction expenses, and adjusted for $46.6M SPAC sponsor equity shares.
(4) S&P Capital IQ as of May 26, 2026.
(5) Per investor presentation dated March 24, 2026.

V. APPENDIX



TECHNICAL PERFORMANCE BENCHMARKING

N/A

Target

		Conventional	Next Generation Solid-State 1.0			Next Generation Solid-State 2.0	
		LG Energy Solution	Factorial®	TOYOTA	QuantumScape	ProLogium	
Competitor & Model		*E72B*	*FEST (NMC, Li-Metal)*	*Sulfide ASSB*	*QSE-5*	*Gen 4*	
Energy Density	Gravimetric (Wh/kg)	287	391	> 450	301	380	
	Volumetric (Wh/L)	637	835	N/A	844[3]	900	
Performance	Operating Pressure (atm)	N/A	28[1]	~790[2]	>3.4	0	
	Fast Charging	30-40 min, 8-80%	18 min, 15-90%	10 min, 10-80%	12.2 min, 10-80%	6.4 min, 5-80%	
	Max. Charging Rate	N/A	N/A	N/A	N/A	5C	
	Max. Discharging Rate	N/A	4C	N/A	10C	12C	
	Cycle Life						
	Standard	N/A	>600th	N/A	800th	1,200th	
	Fast Charging	N/A	N/A	N/A	N/A	1,000th	
	Low Temperature Retention	N/A	82.7%	N/A	76%	>90%	
Cell Level Safety		Susceptible to Thermal Runaway				**No Thermal Runaway**	UL Solutions

Source: Investor presentations and public announcements.
(1) 28 bar converted to 27.6 atm.
(2) Calculated based on the reported operating pressure of sulfide-based electrolyte described in "A critical outlook for large scale solid-state batteries" (reported as ~80 MPa; converted to ~790 atm).
(3) Excluding tabbing area.

TECHNICAL TALENT AT THE CORE OF PROLOGIUM

Vincent YANG

Founder, CEO & CTO

- Over 28 years in the lithium battery industry and the inventor of 1,000+ worldwide patents in the solid-state battery space
- Plant Director of Dayuan Plant and Director of R&D Dept., Foxconn Advanced Technology
- Director, Polymer Battery Division, Ultra-life Taiwan
- B.S. and M.S., Chemical Engineering & Materials Science and Engineering, National Taiwan University

R&D

Dr. Dmitry BELOV

Chief Scientist & Head of European R&D

- Contributed to mass production of solid-state batteries during his tenure of 15 years with ProLogium
- Ph.D., Semenov Institute of Chemical Physics

Simon WU

Head of Product & Business Development

- 20+ years of experience in chemical engineering R&D
- Led product engineering into New Product Introduction phase at Foxconn
- 10+ years in next-gen battery product development

Manufacturing

Calvin HSIEH

Head of Manufacturing

- 20+ years of experience in the manufacturing industry
- Previously Director, Industrial SBU, TPK; COO, Ellipsiz Communications; and Director, Fab Operation, Wistron

Dr. James CHOU

Chief Engineer

- 30+ years of experience in Manufacturing & Operations
- Former VP, Manufacturing & Operations, ProLogium and Qualcomm MEMS
- Ph.D., Chemical Engineering, Pennsylvania State University

Rachael HUANG

Head of Global Quality Assurance

- 25+ years of experience in quality improvement and engineering, including 10 years with ProLogium
- M.S., Statistics, National Cheng Kung University

Yi-Ming WANG

Head of Supply Chain

- 20+ years of experience in R&D, supply chain & engineering
- Proven expertise in semiconductor and new energy industries
- Former leadership in Danan, United Renewable Energy and TSMC

TDAC OVERVIEW

Management has a successful SPAC track record within the Northern Genesis franchise, having closed two business combinations

Sponsor:	TDAC Partners LLC
Tickers (Unit / Stock / Warrant):	TDAC / TDACU / TDACW
Offer Date:	December 24, 2024
Listing:	NASDAQ
Deal Size:	$172.5 Million
Units Offered:	17.25 million units; $10.00 per unit
Unit Structure:	1.0 share / 0.5 warrant
Warrant Conversion:	$11.50 strike / $18.00 call
Cash in Trust:	$10.10 per unit sold (101.0%)
Sponsor “at risk” Investment:	$7.08 million via purchase of 7,075,000 warrants ($1.00/warrant)
Sponsor Promote:	4,657,500 shares; ~1% pro forma
Acquisition Period:	18 months

FRENCH SUBSIDY DETAIL

The largest battery state aid award in EU history – funding scales with ProLogium's build, de-risking every phase of expansion

HOW MUCH

€1.37B

total approved

- €275M advance payment already secured
- Funded by French government via BPI France
- Authorized by European Commission (SA. 106740)

WHAT WE GET IT FOR

44 GWH

of inlay + 10 GWh of cell capacity

- Europe's first solid-state battery gigafactory in Dunkirk
- R&D, industrialization, and recycling milestones
- Phase 1 (4 GWh) on track for 2030

WHEN IT ARRIVES

9 MILESTONES

paid 2024–2032

- Tied to capacity build-out – paid upon delivery
- No clawback if milestones are met
- Flexibility to scale to demand-driven capacity

CUMULATIVE GRANT BY CAPACITY TIER

€ millions received at each build-out stage

PHASE 1 IS ALREADY FUNDED

€275M	Already in hand (advance payment secured)
€768M	Triggered by hitting Phase 1 (4–8 GWh)
€1.1B+	Tied to milestones ProLogium controls

ADDITIONAL CASE STUDY: EV APPLICATIONS

MASS MARKET

Application

A Global full-range passenger & commercial vehicles OEM

Replaceable Design

- LLCB Design in Horizontal Cooling System
- Cell Level Replaceable and Repairable

Type	Traditional LFP+CTP	ProLogium SSB
Total Energy	83 kWh	45 kWh
Weight (Kg)	560	220
400V Fast Charging (SoC)	30-80%: 30 mins	5-80% < 6.4 mins
Driving Distance per 6.4-min Charging	85-98km	350km
OEM's Total Cost of Pack (USD)	8,300	7,425

ProLogium's 45 kWh small battery enables 350km range & secure high gross margin.

OEMs enjoy lower total battery cost, 1/2 weight, and longer mileage than traditional solutions.

EXECUTIVE

Application

A German high-end business & luxury OEM

Long Range Design

- Range: 800-1000km
- Ultimate safety
- 400V Fast charging: 5-80% < 6.4 mins

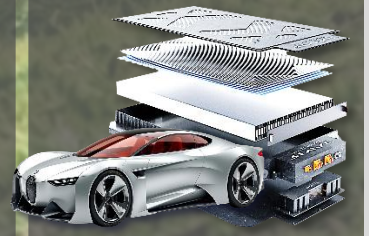
LUXURY

Application

A French top tier racing car OEM & a German luxury sport driving OEM

High Energy Design

- Cold weather range > 90%
- Ultimate safety
- 400V Fast charging: 5-80% < 6.4 mins



ADDITIONAL CASE STUDY: CONSTRUCTION MACHINERY

ProLogium, Kyushu Electric, and Nakayama Iron Works lead a new era in the global energy transition

2026/01

We are excited to leverage our expertise in energy technology and battery monitoring to contribute to the development of next-generation solid-state battery solutions. This collaboration represents a significant step toward realizing a sustainable and carbon-neutral future.

Mr. Koji Kurayama,
Manager of Next-Generation Storage Battery System Project
Kyushu Electric Power