



Mercedes-Benz



영남대학교
Yeungnam University

Shall We Dream Together?
- *Korean Production*



혁신적인 2차전지 기술의 중심, 팩토리얼 에너지

Shall We Dream Together?

팩토리얼 에너지는 미국 메사추세츠에서 2013년 벤처기업 "라이오나노"로 탄생하였습니다. 점진적인 성장을 통해 2019년 사명을 "팩토리얼 에너지"로 변경합니다. 2022년 한국, 일본, 독일에 팩토리얼 지사 설립하였고, 2022년 12월 한국 천안/아산에 생산공장 운영에 착수하여, 굴지의 자동차 기업들에 100Ah 시범 배터리를 생산 납품할 예정입니다.

팩토리얼 에너지는 전기 에너지를 활용한 지구 친환경적인 사업 구축을 중점으로 하고 있습니다. 향후 고성능, 고기능 및 안전성을 갖춘 자동차 배터리 및 가정 산업용 배터리를 지속 가능하도록 구현하고자 합니다.



Disclaimer

This presentation contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995, that involve substantial risks and uncertainties. All statements, other than statements of historical facts, contained in this presentation, including statements regarding the Company's strategy, future operations, future financial position, future revenue, projected costs, prospects, plans and objectives of management, are forward-looking statements. The words "anticipate," "believe," "continue," "could," "estimate," "expect," "intend," "may," "plan," "potential," "predict," "project," "should," "target," "will," "would," and similar expressions are intended to identify forward-looking statements, although not all forward-looking statements contain these identifying words. The Company may not actually achieve the plans, intentions or expectations disclosed in its forward-looking statements, and you should not place undue reliance on such forward-looking statements. Actual results or events could differ materially from the plans, intentions and expectations disclosed in the forward-looking statements as a result of various risks and uncertainties.

All information in this presentation is as of the date hereof and should not be considered current after such date. We do not assume any obligation to update any forward-looking statements, whether as a result of new information, future events or otherwise, except as required by law.

팩토리얼 에너지의 주요 제휴 자동차 업체 현황

신뢰와 기술을 바탕으로 주류 자동차 업체 3사와 OEM 계약 체결

DAIMLER



By 2022, Mercedes-Benz will have battery electric vehicles (BEV) in all segments the company serves. **From 2025 onwards, all newly launched vehicle architectures will be electric-only and customers will be able to choose an all-electric alternative for every model the company makes.** Mercedes-Benz intends to manage this accelerated transformation while sticking to its profitability targets.

\$85bn

EVs investment 2022-2030

STELLANTIS



The customer is always at the heart of Stellantis and our commitment with this €30 billion plus investment plan is to offer iconic vehicles that have the performance, capability, style, comfort and electric range that fit seamlessly into their daily lives. The strategy we laid out today **focuses the right amount of investment on the right technology to reach the market at the right time, ensuring that Stellantis powers the freedom of movement in the most efficient, affordable and sustainable way.**

€30bn

EVs investment 2021-2025

HYUNDAI KIA



In mid- to long-term, Hyundai aims to secure leadership in the EV market and achieve 8-10 percent share of global EV market by 2040. Starting from 2030, the company will gradually expand BEV offerings in key markets such as the U.S., Europe and China, **eventually aiming to fully electrify its product lineup in major global markets by 2040.** It will also support democratization of EVs in emerging markets such as India, Russia and Brazil with more diverse EV models.

\$87bn

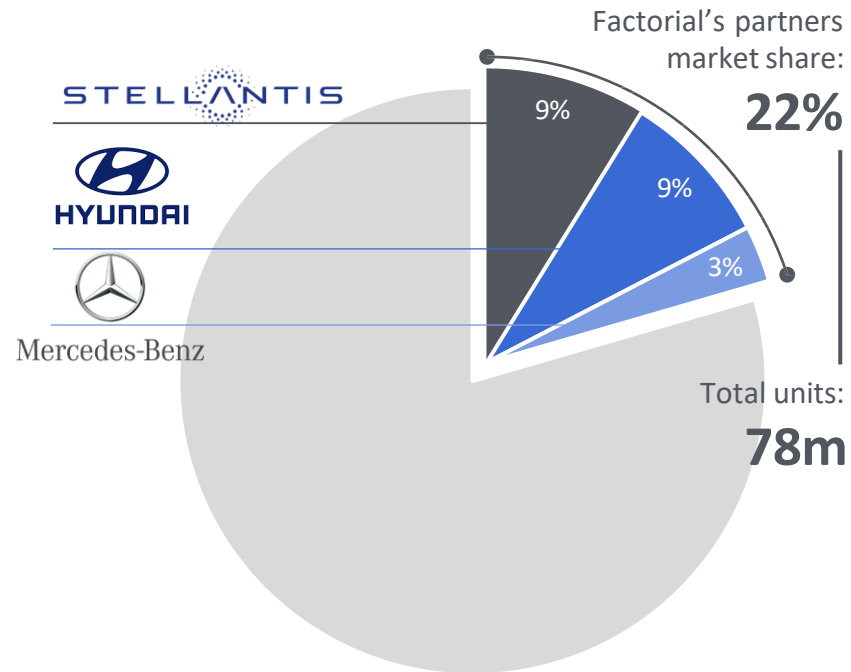
EVs investment to 2025

Source: Company announcements.

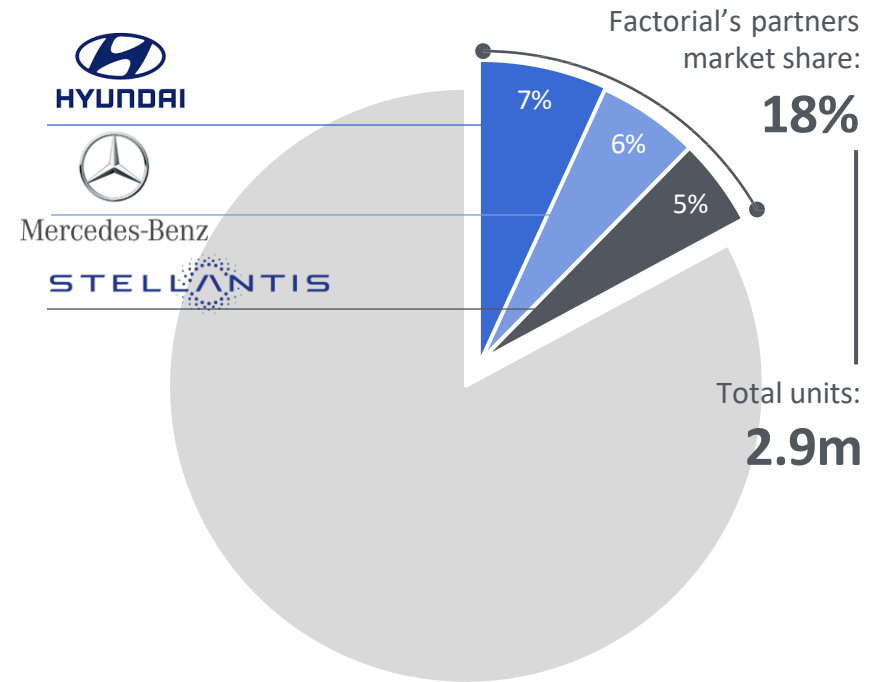
팩토리얼 에너지의 자동차 업계 제휴 현황

국제적인 전기 자동차 업체들과의 활발한 제휴 및 전기차 업계에서의 무한대 성장 가능성 보유

2020 market share by vehicle sales



2020 electric vehicles market share



Source: Focus2Move, PulseNews, Electrive, InsideEVs.

Factorial Board Members



Joe Taylor
Executive Chairman

Former Chairman / CEO of
Panasonic North America



**Siyu Huang,
PhD/MBA**
Founder & CEO

PhD in Chemistry and
MBA from Cornell
University, founder of
Lionano Inc.



Alex Yu, PHD
Founder & President

PhD in Electrochemistry
from Cornell University.
Founder of Lionano Inc.



Praveen Sahay
Managing Director

WAVE Equity Partners



Liad Meidar
Managing Director

Gatemo Capital
Management



Uwe Keller
Director, Battery
Development

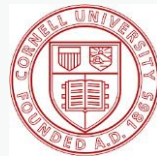
Mercedes-Benz AG



Michael Bly
VP, Head of Global
Propulsion Systems

Stellantis

Panasonic



Advisory Board

Strong auto industry experience



Dieter Zetsche
Investor & Advisor

Former Chairman of the Board of Management of Daimler AG and Head of Mercedes-Benz Cars

DAIMLER



Mercedes-Benz



Mark Fields
Investor & Advisor

Former President and CEO of Ford Motor Company

Current CEO of Hertz



Hertz



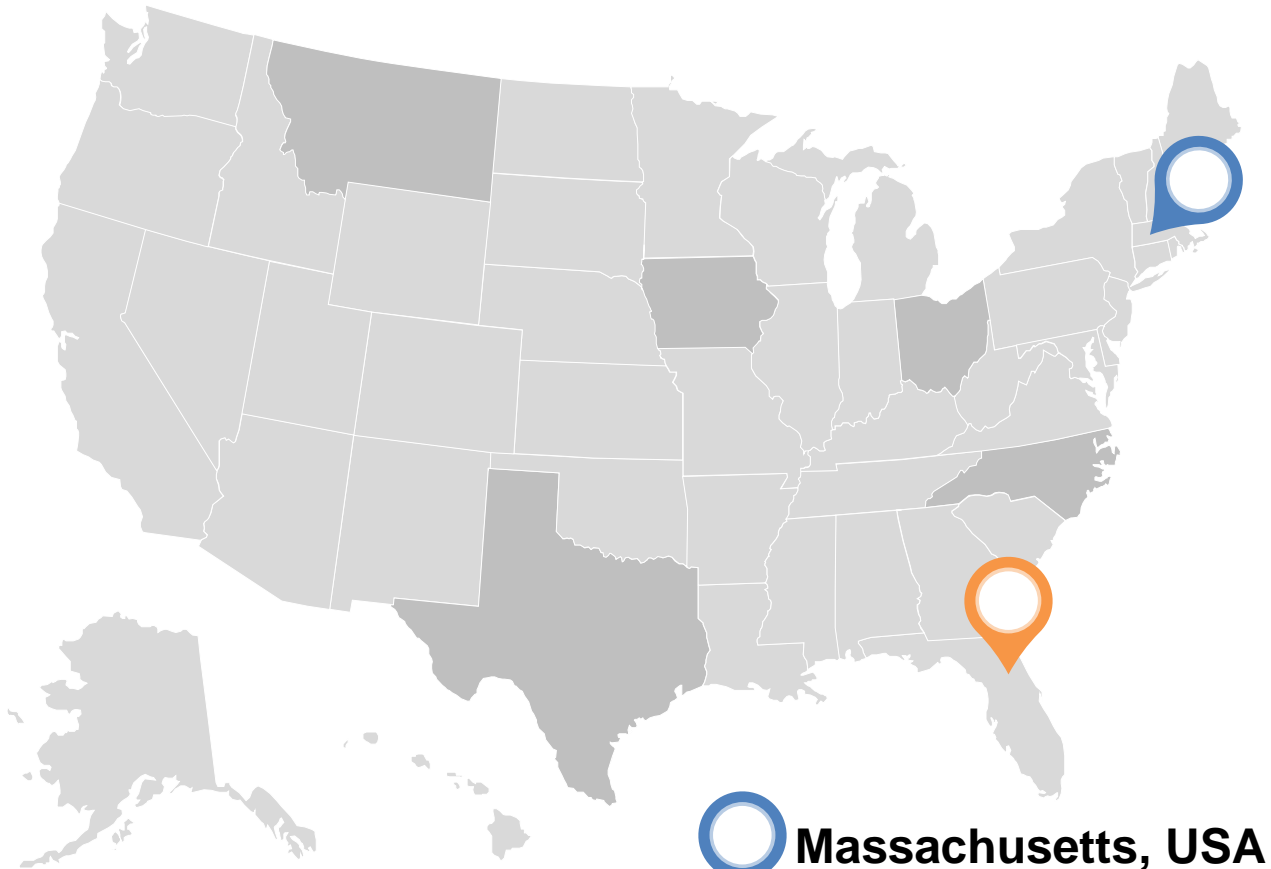
Harry Wilson
Investor & Advisor

Former Sr. Advisor for US Treasury Dept. and member of Presidential Auto Industry Task Force



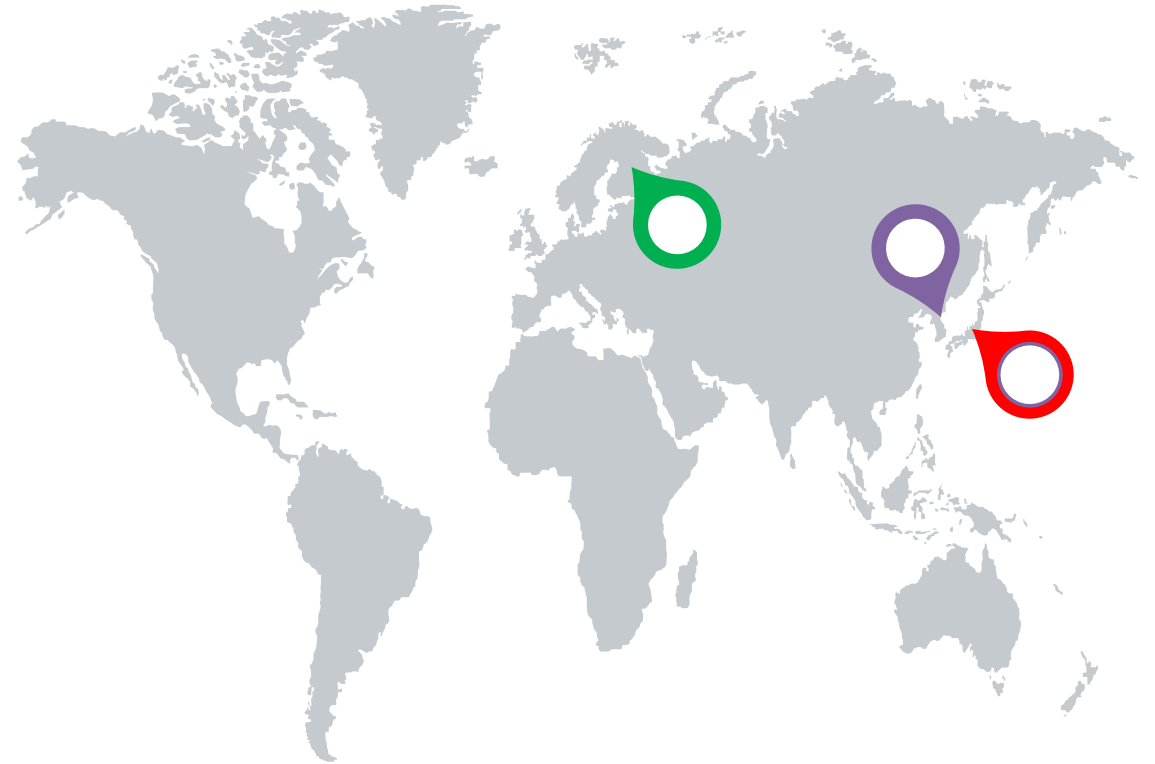
Lead 2009 restructure

Locations



 **Massachusetts, USA**

 **Florida, USA**

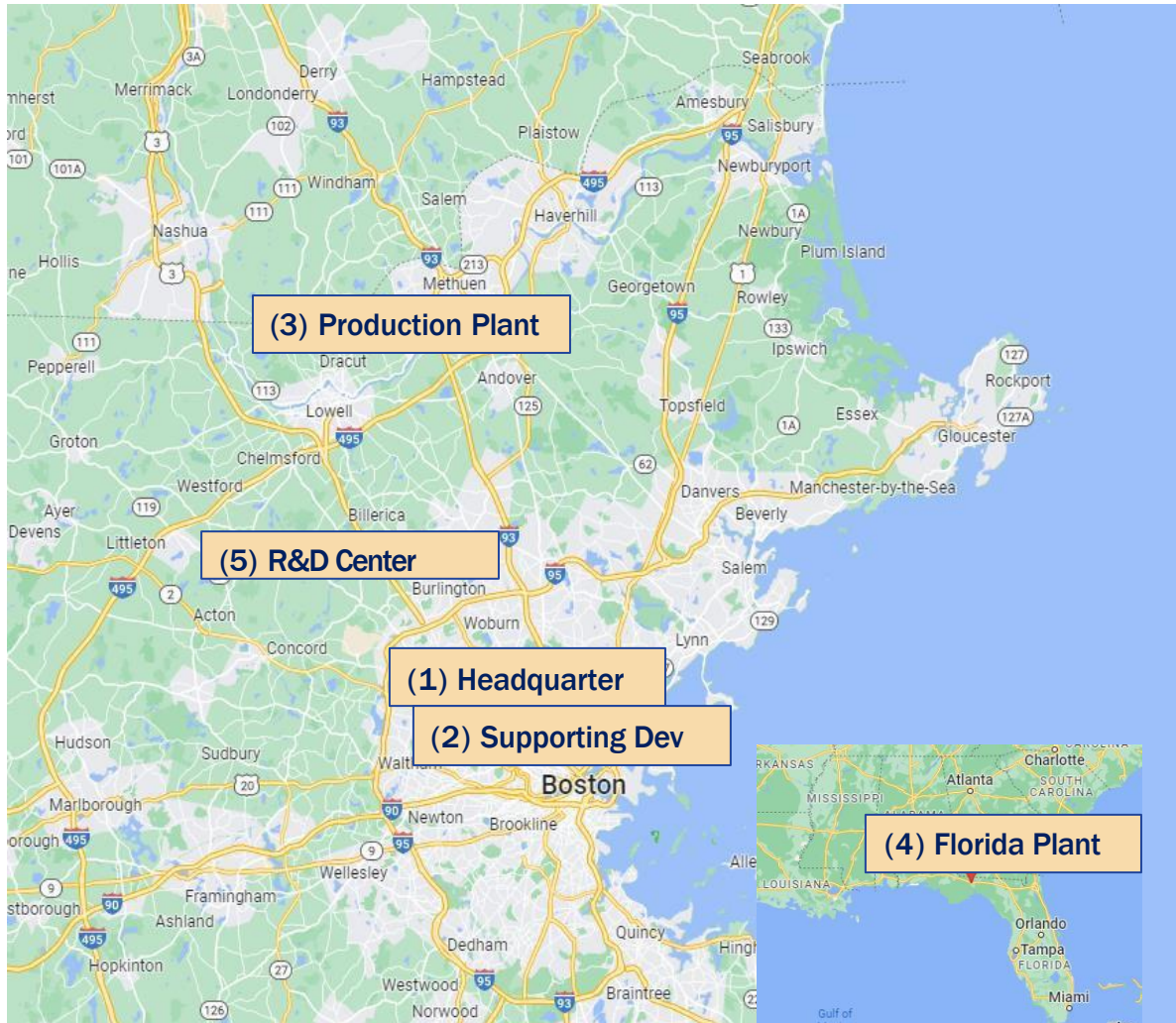


 **Factorial Korea
Korean Production**

 **Factorial Japan**

 **Factorial Germany**

팩토리얼 에너지



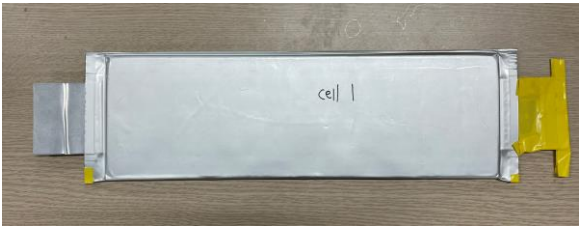
No	Site Name	Address in English	Address In Korean
1	Headquarter (미국 본사)	19 Presidential Way, Woburn, MA	미국 메사추세츠 주 보스턴 근교
2	Supporting Dev (미국 지원팀)	Woburn, MA	미국 메사추세츠 주 보스턴 근교
3	Production Plant (미국 프리덕션 공장)	Methuen, MA	미국 메사추세츠 주 보스턴 근교
4	Florida Plant (미국 프리덕션 랩)	Tallahassee, FL	미국 플로리다 주 탈라하시
5	R&D Center (미국 연구센터)	Billerica, MA	미국 메사추세츠 주 벨레리카
6	Factorial Korea (한국 지사)	410-1,2 Samhwan Hipex A-dong, Pangyo-eok-ro 240 , Bundang-gu, Seongnam-si, Kyunggi-do, South Korea	한국 판교
7	Factorial Korea Production (한국 프리덕션 공장)	74-13 Omokri, Seongeo-eup, Seobuk-gu, Cheonan-si, Chungcheongnam-do, South Korea, 331831	한국 충남 천안시 성거읍 오목리 74-13
8	Factorial Japan (일본 지사)	Tokyo, Japan	일본 동경
9	Factorial Germany (독일 지사)	Frankfurt Germany	독일 프랑크푸르트

팩토리얼 에너지 한국 프로덕션 공장, Site 6

2023년 2월 ~ 2023년 8월 30일 천안 근무 이후 도미



No	Site Name	Address in English	Address In Korean
2	Clean Room (Site 6)	843, Manghyang-ro, Seonggeo-eup, Seobuk-gu, Cheonan-si, Chungcheongnam-do	충남 천안시 서북구 성거읍 오목리 74-13



팩토리얼 에너지 장기 정규직

한국 근무후 미국 장기 정규직 조건

1. 2023년 2월~ 2023년 8월 말까지 한국 지사 정규직 소속으로 천안 공장에서 1교대 혹은 2교대 근무. (사원으로써 모든 배터리 공정라인 이해 교육 차원)
2. 2023년 9월부터 미국 본사 정규직으로 전환, 메사추세츠주 (보스턴 근교) 근무.
3. 미국 3년 취업연수 비자(H2b) 혹은 5년 취업연구 비자(J1s)발급, 비자프로세스 전액 회사 지원.
4. 2023년 3월 취업비자 로터리에 자동지원. 당첨시 6년 취업비자(H1b) 발급, 10월 도미.
5. 미국 본사에 동양계 미국인 다수 근무. 인사부 직원 80% 이상 한국어, 일어, 중국어로 소통가능
6. 도미후 주 1-2회 영어교육 (회사내 강사 초청) 지원 예정.

2021 팩토리얼에서 최초제
작한 파우치형전지 시제품
(40Ah)

142mm

264mm

 **Factorial**

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정규직 취업문의
프리덕션 매니저 선우 준

js@factorialenergy.com