



# INTERBATTERY EUROPE 2023

개최 결과 보고서

2023. 7. 19.

Coex

행사개요 .....	02
개최결과 .....	04
부스배치도 .....	06
주요 참가업체 리스트 .....	07
부대행사 .....	08
참가업체 설문조사 .....	14
주요 사진 .....	18
전체 참가업체 리스트 .....	31

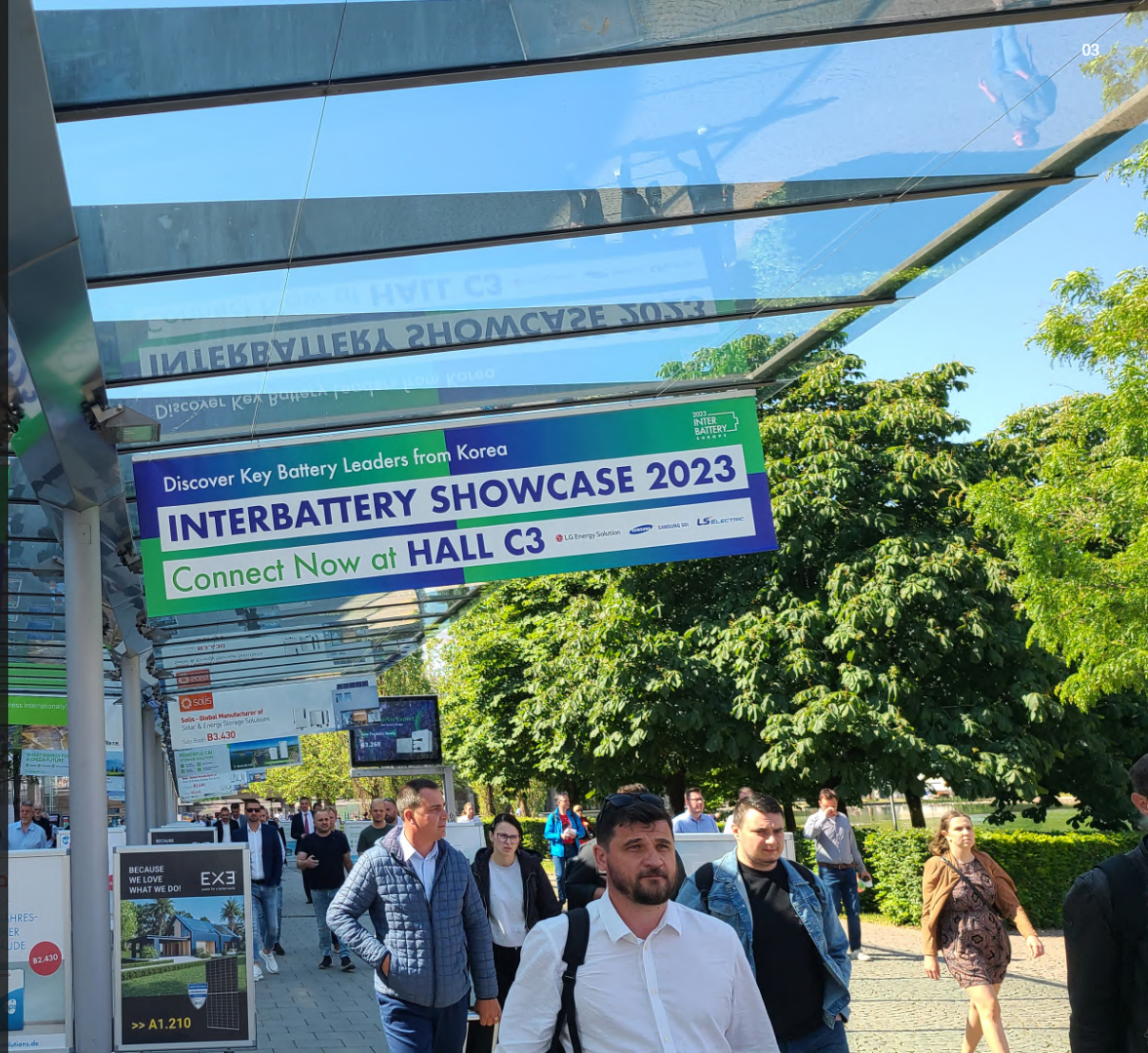
INTER  
BATTERY  
EUROPE

# OVERVIEW

## 행사개요

# SHOW OVERVIEW

- 행사명** 인터배터리 유럽 2023  
(InterBattery Europe Showcase 2023)
- 행사일시** 2023. 6. 14(수) - 16(금)
- 행사장소** 독일 메세 뮌헨 Hall C3
- 행사규모** 73개사 170부스 참관객 106,000명  
(해외 2개국 10개사 15부스)
- 행사주최** 한국배터리산업협회, Coex, KOTRA
- 전시품목** 이차전지, 캐퍼시터, 소재 및 부품, 제조기기,  
검사/측정장비, 에너지저장시스템 등



SHOW **개최결과** REPORT

# EXHIBITION SCALE

73

EXHIBITORS

170

BOOTHS

106,000

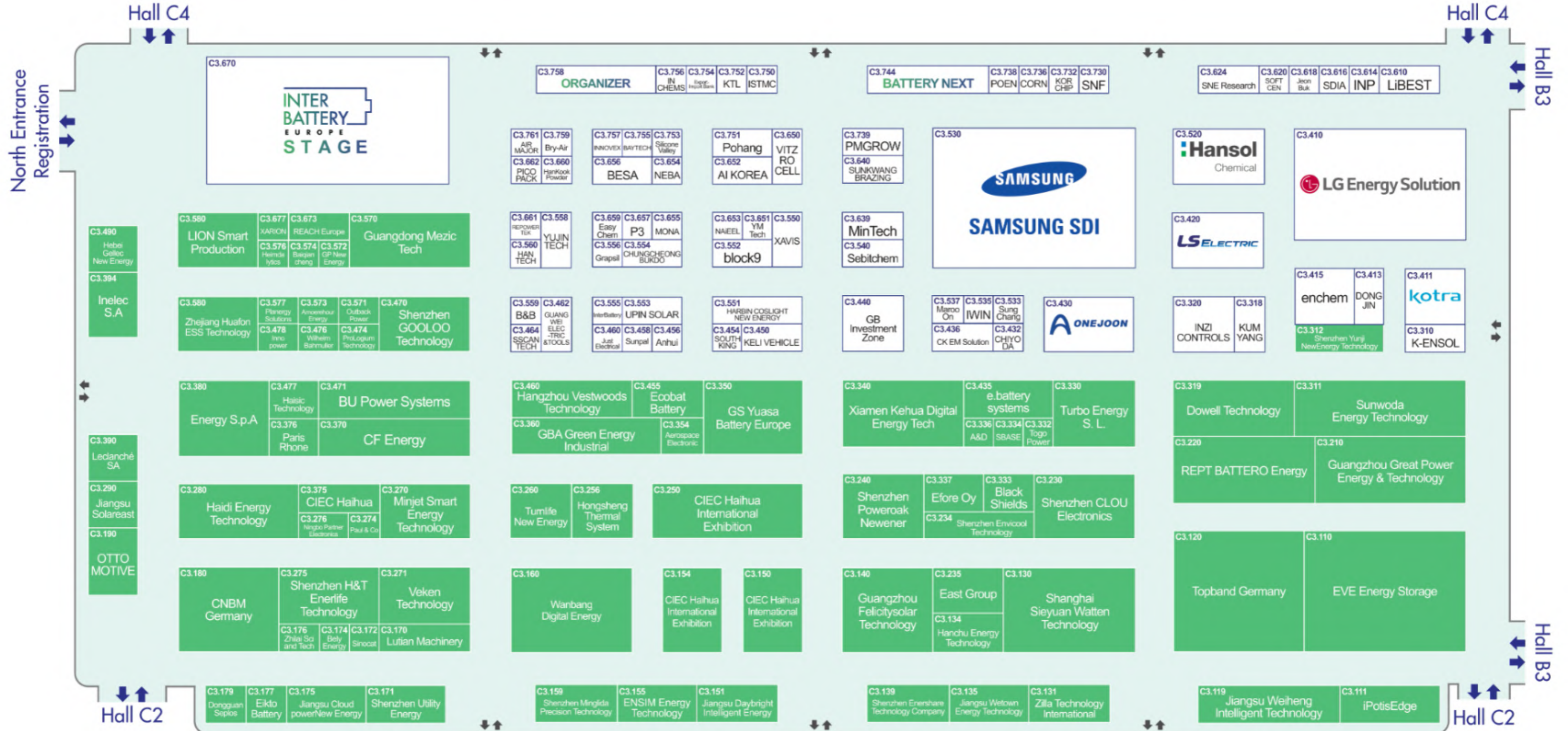
VISITORS

(\*동시개최행사 The Smarter E Europe 2023 전체 참관객 수)



# BOOTH LAYOUT

## Hall C3 Messe Munich



# KEY EXHIBITORS



SAMSUNG SDI



주식회사한솔케미칼





PROGRAM

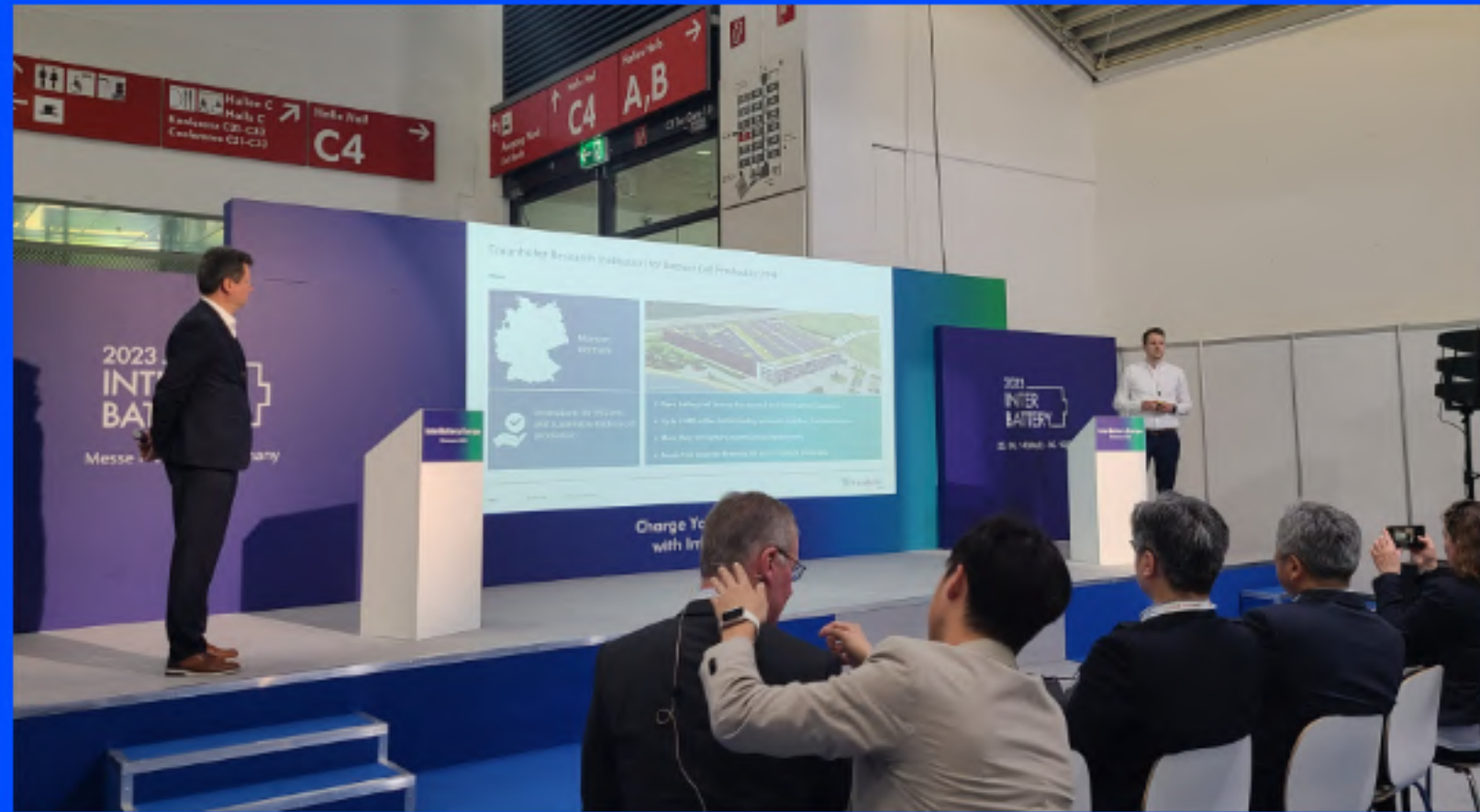
부대행사

# OPENING CEREMONY

- 명칭 InterBattery Europe Opening Ceremony
- 일시 2023. 6. 14(수) 09:30 - 10:00
- 장소 인터배터리 스테이지, Hall C3, 메세 뮌헨
- 참석 한국배터리산업협회 박태성 부회장  
코엑스 이동기 사장  
대한무역투자진흥공사 전춘우 이사  
주프랑크푸르트 대한민국 고경석 총영사  
충청북도 김명규 경제부지사  
한국수출입은행 정순영 부행장  
LG에너지솔루션 성환두 홍보총괄 전무  
삼성SDI 조한제 EU 법인장  
LS일렉트릭 김종우 사장  
한솔케미칼 조연주 부회장  
원준 Axel Weiland 독일지사 부사장 등



# THE BATTERY DAY EUROPE CONFERENCE



**명칭** The Battery Day Europe Conference 2023  
**일시** 2023. 6. 14(수) ~ 15(목) 10:00 - 18:00  
**장소** 인터배터리 스테이지, Hall C3, 메세 뮌헨  
**주최** KOTRA  
**참석** 온·오프라인 참석자 400명

## 6. 14(Wed)

TIME	AGENDA	SPEAKER
09:30 - 10:00	Opening Ceremony	KBIA, Coex, KOTRA
Session 1. EV Battery Regulations & Restrictions		
10:00 - 10:15	TBD	Dr. Michael Bramberger Director, SAMSUNG SDI
10:15 - 10:30	Development strategy of cylindrical cell	Mr. Saeweon Roh Senior Vice President, LG Energy Solution
10:30 - 10:45	Key success factors for building an innovative and competitive European battery production ecosystem	Mr. Jean-Baptiste Pernot Chief Operation Officer, ACC
10:45 - 11:00	FREYR Battery - Decarbonization at Giga Scale	Mr. Tom Einar Jensen CEO, FREYR Battery Norway AS
11:00 - 11:15	How does EU batteries regulation affect Asian cell manufacturers in automotive industry?	Mr. Jannik Pleufler Consultant, P3
11:15 - 11:30	Global Battery Market Outlook & Key Issues	Mr. Chris Seo Executive Vice President, SNE Research
11:30 - 12:00	Panel Discussion: Effect of CRMA and IRA on Battery Industry	Session 1 Speakers
Session 2. Securement & application of essential EV Battery materials: review electrode materials market		
13:00 - 13:15	Review of the battery electrodes material market - Current situation and how to secure critical minerals	Mr. Christian Baur Consultant, P3
13:15 - 13:30	Reinforcing the Battery Circular Economy with Innovative Refining and Recycling Technologies	Mr. Yeo Joong Yoon Head of Advanced Materials Business Planning, Korea Zinc
13:30 - 13:45	Battery materials for Recycling/Umicore progress in Si-anode materials: To be the 1st European Silicon Anode player at scale	Mr. Myeongjin Choi Global Sales and Marketing Manager, Umicore
13:45 - 14:00	From Mine to All-Solid-State Batteries: Lithium Hydroxide Supply and Next Generation Materials	Dr. Andre Majdalani & Dr. Christoph Hartnig Director, AMG Lithium GmbH
14:00 - 14:15	Battery Supply Chain: Opportunities and Threats Facing an Exponential Growth	Mr. Ali Adim Senior Analyst, S&P Global
14:15 - 14:40	Panel Discussion: War for securing essential Battery materials	Session 2 Speakers
Session 3. Next generation technology and related business trends. Let's pay attention to it		
15:00 - 15:20	Global Battery Recycling and Reuse Market Outlook	Mr. Vincent Kim Executive Vice President, SNE Research
15:20 - 15:40	Sodium-Ion for EV applications	Mr. Bjorn Martid CEO, Altris
15:40 - 16:00	CO2 snow jet cleaning to reduce defects and scrap	Dr. Frank Stubhan Business Development Batteries, ACP systems AG
16:00 - 16:20	Solid-state battery development at BasqueVolt	Mr. Vincent Giordani Director of R&D, BasqueVolt
16:20 - 16:40	Current status of FREYR and how to build up local supply chain	Mr. Sachya Inagaki VP Battery Material Supply Business, FREYR Battery Norway AS
16:40 - 17:00	High power long cycle life battery development	Dr. HanHo Lee CTO, Beyonder

## 6. 15(Thu)

TIME	AGENDA	SPEAKER
Session 1. Innovations in Reuse and Recycling within the Battery Ecosystem - Examples for Korean-German-Cooperation within the ReLiO5-network		
10:00 - 10:10	Development of new ESS (Energy Storage System) for building infrastructure energy self-sufficiency using reused batteries	Mr. Myung-su Seo CEO, CORN Co., Ltd.
10:10 - 10:20	Market potential of battery remanufacturing in Korea	Mr. Sanguk Lee CSO, POEN Co., Ltd.
10:30 - 10:40	Expert battery solutions for handling lithium ion batteries	Mrs. Antje Roettcher Key Account Management International, Stöbich Brandschutz GmbH
10:40 - 10:50	DGFEZ and its neighboring secondary battery related companies	Mr. Dr. Seung-Koo Kang Authority & Investment Strategy Division, DGFEZ
10:50 - 11:00	Recycling solutions from the perspective of a cell manufacturer	Mrs. Dr. Saskia Wessel Head of Product and Production Technology, Fraunhofer Research Institution for Battery Cell Production FFB
11:00 - 11:10	Outlook on new recycling processes	Prof. Joerg Acker Chair of Physical Chemistry, Brandenburgische Technische Universität Cottbus-Senftenberg
11:10 - 11:20	Panel Discussion	Session 1 Speakers
Session 2. Reuse & Recycling		
11:30 - 11:45	Blueprint for the Li-Ion Battery Recycling Industry in Europe	Mr. Sebastian Oster Senior Consultant Emobility, P3
11:45 - 12:00	Commonalities and differences between the EV battery recycling ecosystem in Asia and Europe	Mr. Johannes-Robert Bruch Sales Manager, Stena Metall Group
13:00 - 13:15	Global battery recycling market developments: opportunities and challenges	Ms. Mina Ha Senior Research Analyst, Rho Motion
13:15 - 13:30	From end-of-life batteries to battery grade Nickel, Cobalt, Manganese or Lithium - closing the loop in an efficient recycling process (technologies, processes, service offers)	Mr. Frank Stumpf Managing Director, Fortum Batterie Recycling GmbH
Session 3. EV Battery Production Technology (h/w, s/w)		
13:30 - 13:40	2023's Key Trends Shaping the Global Battery Industry and Battery MBA	Dr. Simon Engelke Founder & CEO, Battery Associates
13:40 - 13:55	The Code for a Long Battery Life	Mr. Claudius Jehle CEO, volyca diagnostics GmbH
13:55 - 14:05	X-ray EV battery inspection solution for factors affecting battery safety by battery types	Mr. Olaf Roemer Managing Director, ATECARE Service GmbH & CO.KG
14:05 - 14:20	New Generation Formation System	Mr. Jaehoon Lee Managing Director, MinTech
14:20 - 14:30	Niobium and its use as an anode material	Dr. Loubna El Ouatani Chief Production Officer, Echion Technologies
Session 4. From Lab to Industry - An Insight into EV Battery Production		
14:55 - 15:10	Comprehensive overview of cathode active materials	Mr. Hyeonseon Choi Helmholtz Institute Ulm (HIU)
15:10 - 15:25	The synthetic carbon performance additive Porocarb® - value-added carbon synergy in LIB	Dr. Juhan Lee Project Manager Innovation, Heraeus Battery Technology GmbH
15:25 - 15:40	Scalable Preolithiation as a Bridging Technology between Academia and Industry for High Energy Density Si-based Anode	Mr. Hyunsang Joo Helmholtz Institute Muenster
15:40 - 15:55	Coating technology that enables sustainable, high-performing, safe batteries	Dr. Keon Woo Lee Henkel AG & Co KGaA
15:55 - 16:10	Laser Beam Processes for the Production of Battery Electric Vehicles	Mr. Woo-Sik Chung Fraunhofer Institute for Laser Technology ILT
16:10 - 16:25	The process engineering of lithium-ion batteries and beyond: Insights from BLB	Ms. Eun-Ju Jeon Institute for Particle Technology (iPAT), Technische Universität Braunschweig
16:25 - 16:40	LGES Frontier Research Lab (FRL) in Germany and its Role for the Production of Next Generation LIBs	Mr. Hyuck Hur LG Energy Solution
16:40 - 16:50	Panel Discussion	Session 4 Speakers
Session 5. Future EV Battery Industry		
16:50 - 17:10	Novel battery concepts and development trends - Leveraging European and Korean key industry expertise to develop competitive future battery designs	Dr. Christiane Adler Senior Consultant, P3
17:10 - 17:25	Improvement of Ceramic-based Composite Coating Insulation Technology for BUSBAR Insulation and Refractory coating under 30kV	Mr. Young Hwan Son CEO, blockline Co., Ltd
17:25 - 17:40	Improving efficiency of cathode active materials using Delt IMP proprietary gas-phase nanocoating technology	Mr. Sebastian Moitzheim CTO, Delt IMP
17:40 - 17:50	IP landscape of cell manufacturers - insights through IP	Dr. Matthias Stolmar Managing Partner, Stolmar & Partner Intellectual Property

# INTERBATTERY NETWORKING NIGHT



**명칭** InterBattery Europe Networking Night 2023  
**일시** 2023. 6. 14(수) 18:00 - 20:00  
**장소** 인터배터리 스테이지, Hall C3, 메세 뮌헨  
**주최** KOTRA  
**참석** 참가업체, 바이어, 연사 등 200여명

## DETAIL

Rechargeable battery industry networking program with interbattery exhibitors, buyers, and conference speakers

## TIMETABLE

TIME	AGENDA	SPEAKER
18:00 - 18:10	Welcoming Speech	K-BIA, Coex, KOTRA
18:00 - 18:20	Best Practices: Installation of the first battery cell gigafactory in Germany	<b>Mr. Holger Heyer</b> Director Automotive, State Development Corporation of Thuringia (LEG Thüringen)
18:20 - 18:40	The investment environment in Türkiye & latest developments in e-mobility industry	<b>Mr. Kaan Masatçı</b> Project Manager, Invest in Türkiye
18:40 - 19:00	The investment environment in Hungary	<b>Mr. Peter Kaderják</b> Managing Director, (HUBA) Hungarian Battery Alliance
19:00 - 19:20	Nordic Battery Value Chain	<b>Mr. Jaani Heinonen</b> Global Director, Business Sweden
19:20 - 19:40	Battery investment environment in EU	<b>Mr. Thore Sekkenes</b> Program Director, EBA(European Battery Alliance)

# INTERBATTERY EUROPE SEMINAR



**명칭** InterBattery Europe Seminar 2023  
**일시** 2023. 6. 16(금) 10:00 - 16:00  
**장소** 인터배터리 스테이지, Hall C3, 메세 원헨  
**주최** 한국배터리산업협회  
**참석** 세션별 50명 참석

## DETAIL

Exhibitors' latest products and technologies showcasing seminar

## TIMETABLE

TIME	AGENDA	SPEAKER
10:00-10:30	ChungCheongbukdo province stands at the center of Korea	CHUNGCHEONGBUKDO PROVINCIAL OFFICE
10:30-11:00	Global EV and Battery Market Trend and Forecast (Focusing on K-Trio)	SNE Research
11:00-11:30	The Role and Future of Supercapacitors	Dongjin Industry
11:30-12:00	Mobilizing ECA Financing for Energy Transition - KEXIM Battery Financing Case Study	The Export-Import Bank of Korea(Korea Eximbank)
12:30-13:30	EU Batteries Policy Brown Bag Seminar(in Korean)	Kotra Trade-Investment Promotion Agency
13:30-14:00	The circular economy of waste Li-Ion batteries: Technologies and Trends in Korea	Sebitchem
14:00-14:30	Battery Cooling System Using PCM to maximize Fast Charging efficiency	INZI CONTROLS
14:30 - 15:00	Power Semiconductor Technology for Smart DC Distribution Solution	LS ELECTRIC
15:00 - 16:00	Nordic Battery Value Chain	EUROBAT



## BATTERY NEXT

- 명칭** Battery NEXT 특별관
- 일시** 2023. 6. 14(수) ~ 16(금)
- 장소** C3.744 , Hall C3, 메세 뮌헨
- 개요** 2023년 배터리 업계 키워드를 선정하여, 키워드에 맞는 참가 기업의 신제품과 신기술을 한 눈에 볼 수 있는 특별관



## BUYER CONSULTING

- 명칭** 이차전지 파트너링 상담회
- 일시** 2023. 6. 14(수) ~ 16(금)
- 장소** Hall C3, 메세 뮌헨
- 개요** 인터배터리 유럽 참가업체와 바이어 간의 자유티 비즈니스 매칭 프로그램
- 참석** 해외바이어 38명 초청



## EXHIBITOR MEETING

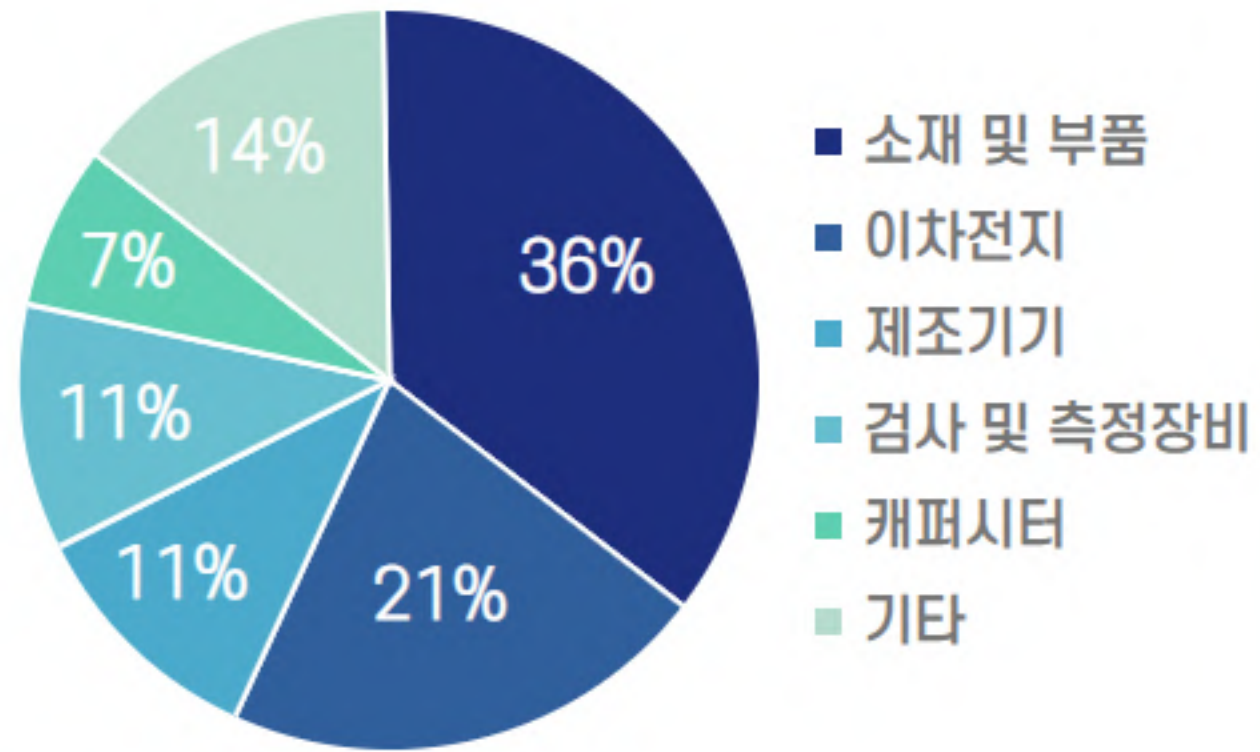
- 명칭** 참가업체 간담회
- 일시** 2023. 6. 16(금)
- 장소** 독일 메세 뮌헨 인근 한식당
- 개요** 인터배터리 유럽 행사에 대한 의견을 나누고 업체 간의 네트워킹을 도모하는 행사
- 참석** 60명(주최기관 및 참가업체)

# SURVEY RESULT

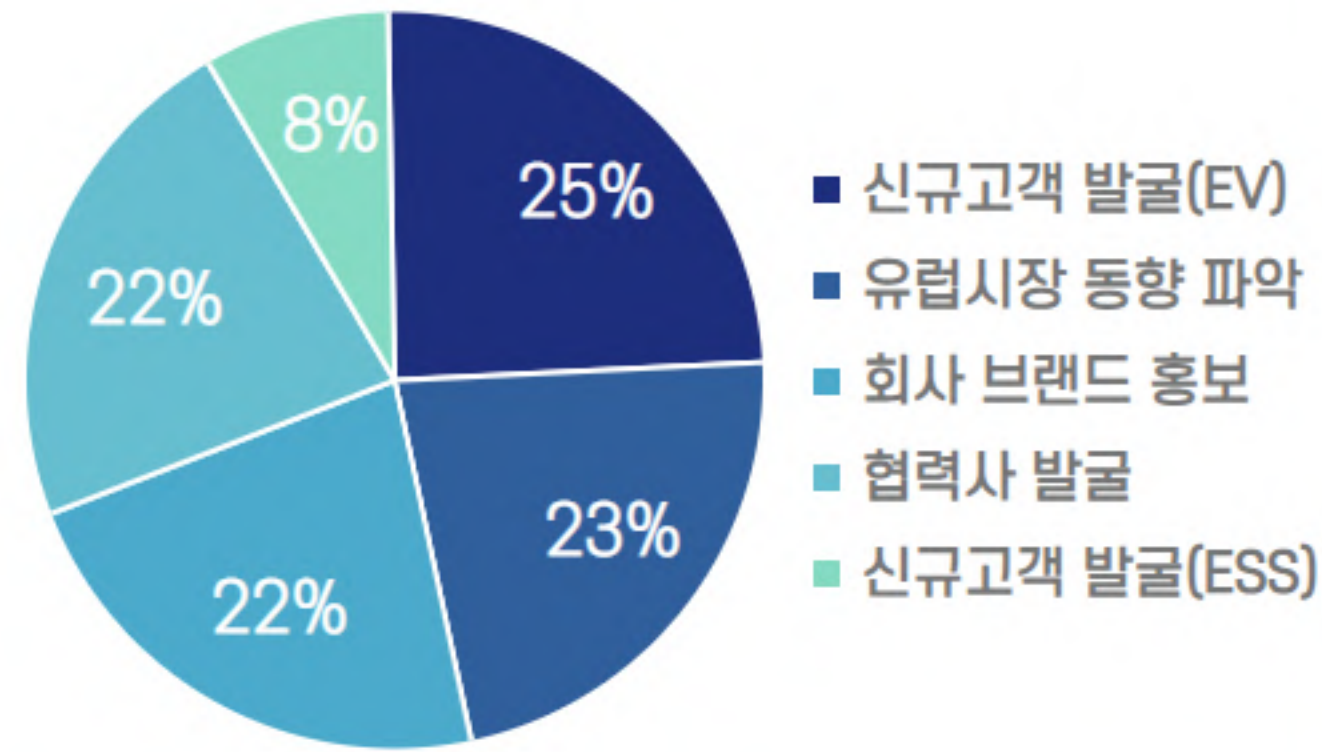
## 참가업체 설문조사

# EXHIBITOR SURVEY RESULT

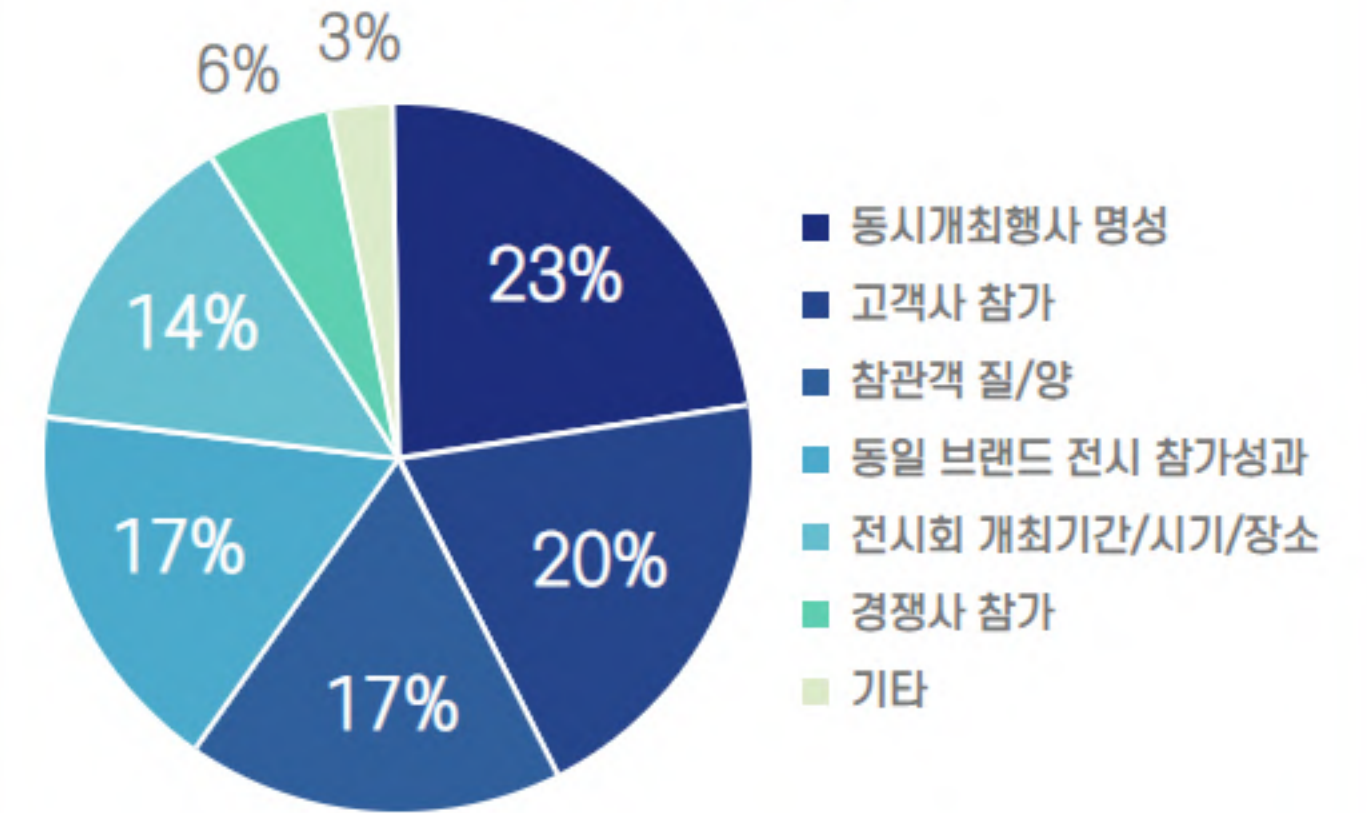
## 전시품목



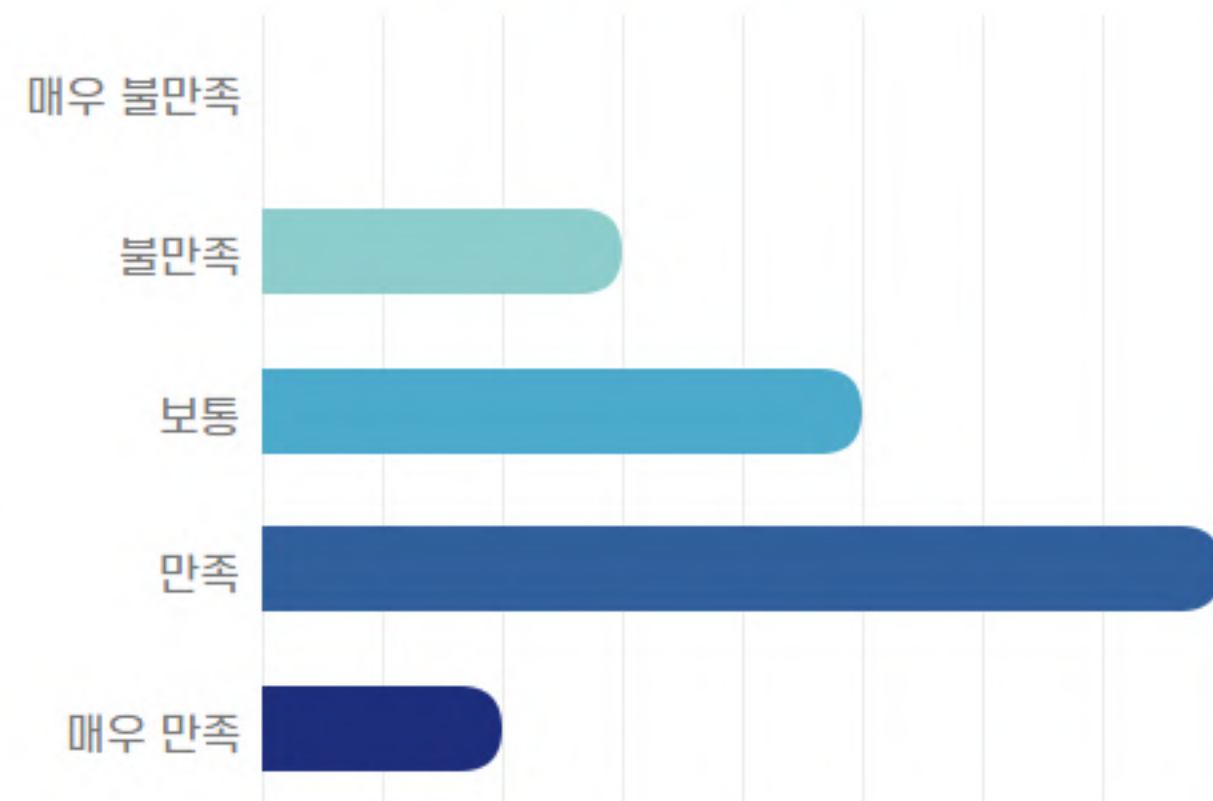
## 참가목적



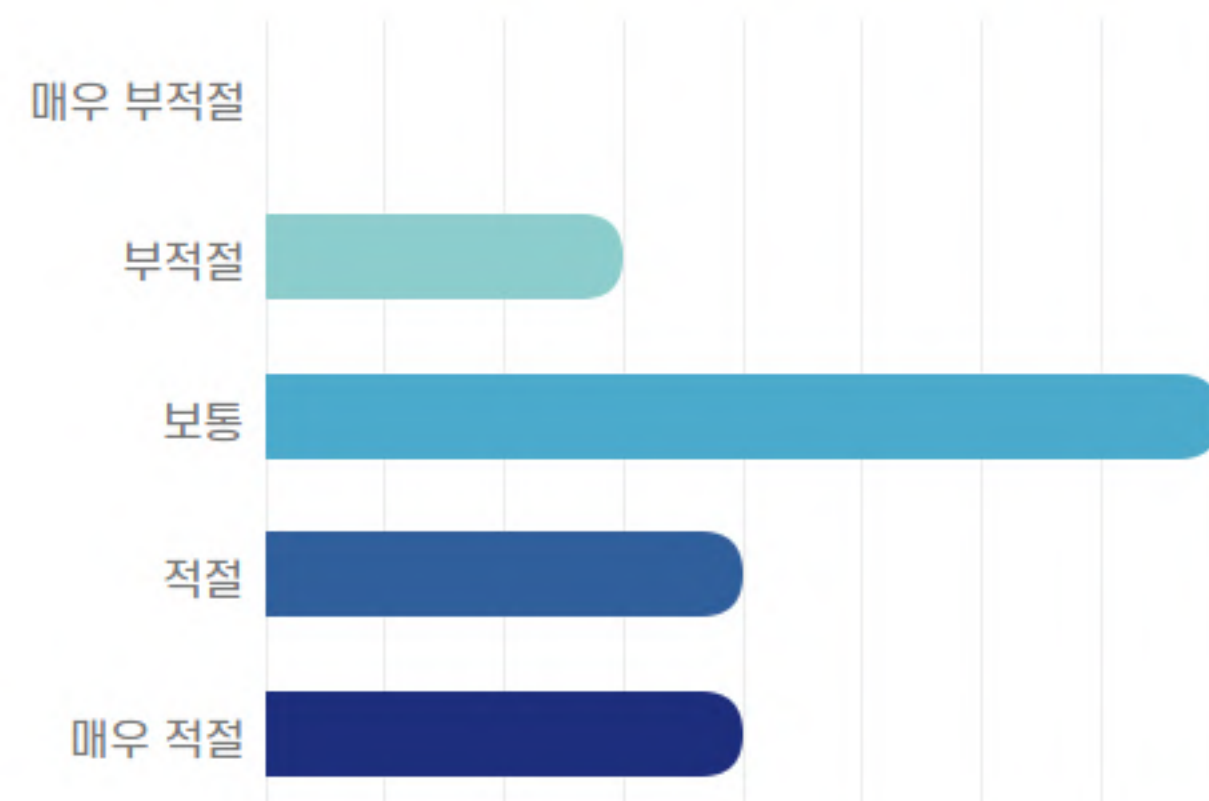
## 참가계기



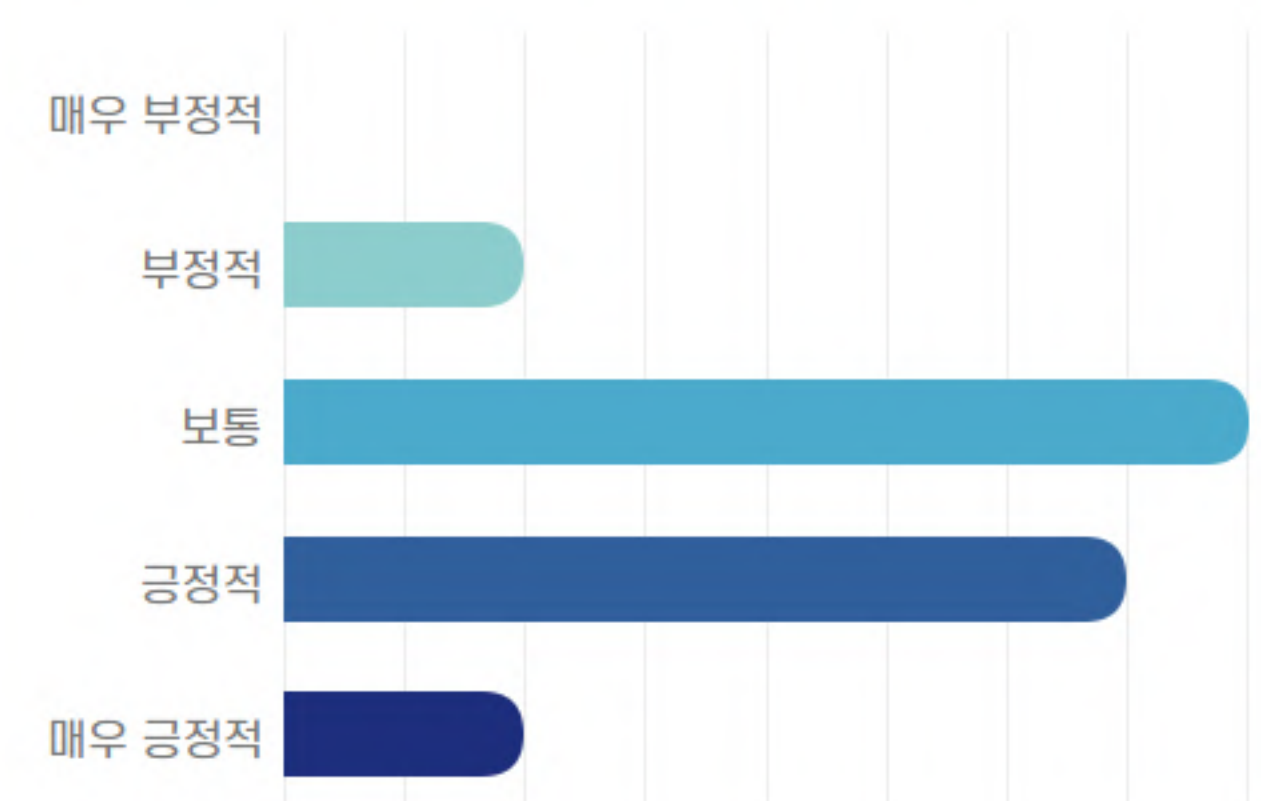
## 전반적 평가



## 동시개최행사 선정 적절성



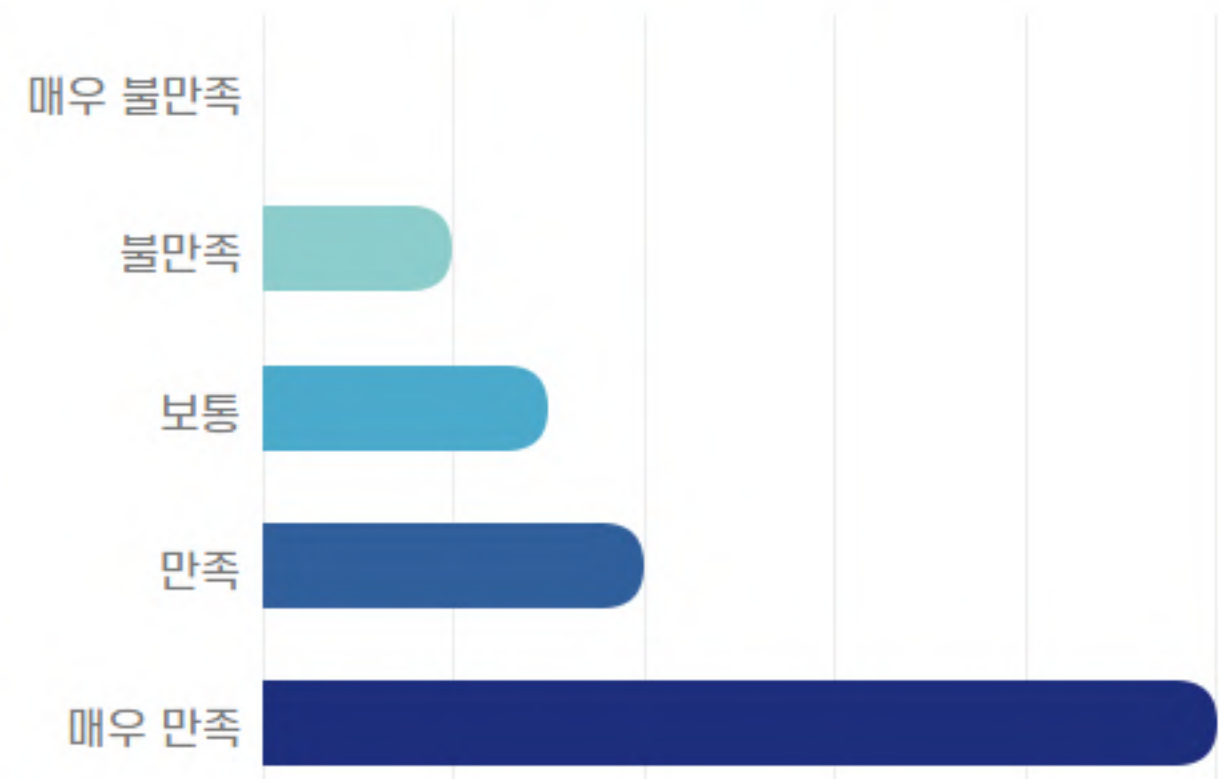
## 차년도 재참가 의사



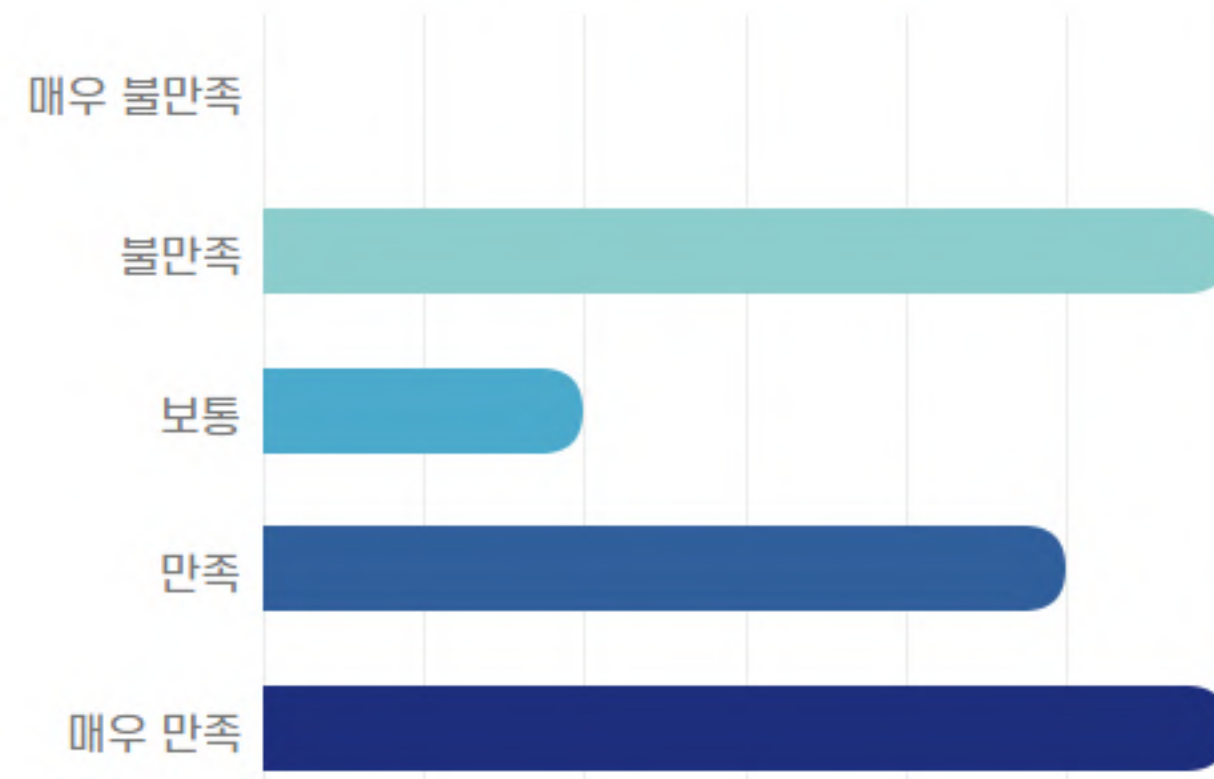


# EXHIBITOR SURVEY RESULT

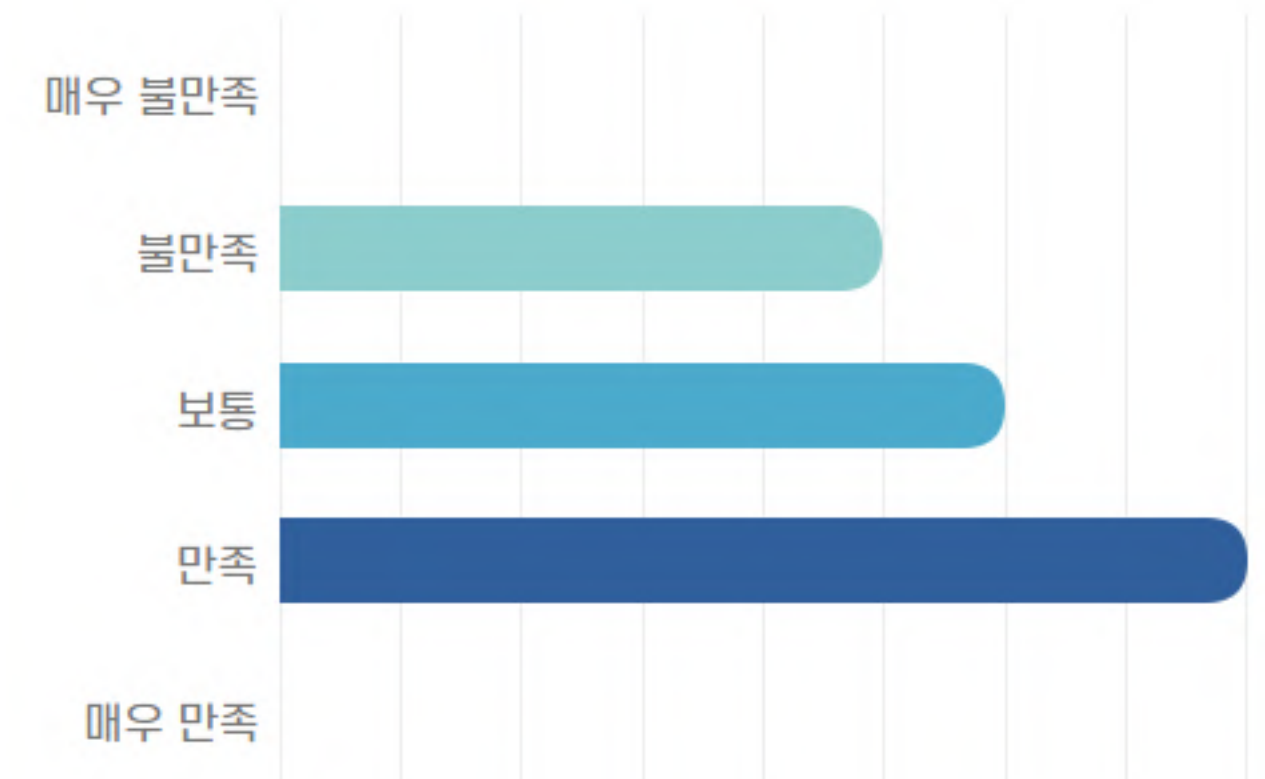
## 전시회 일정



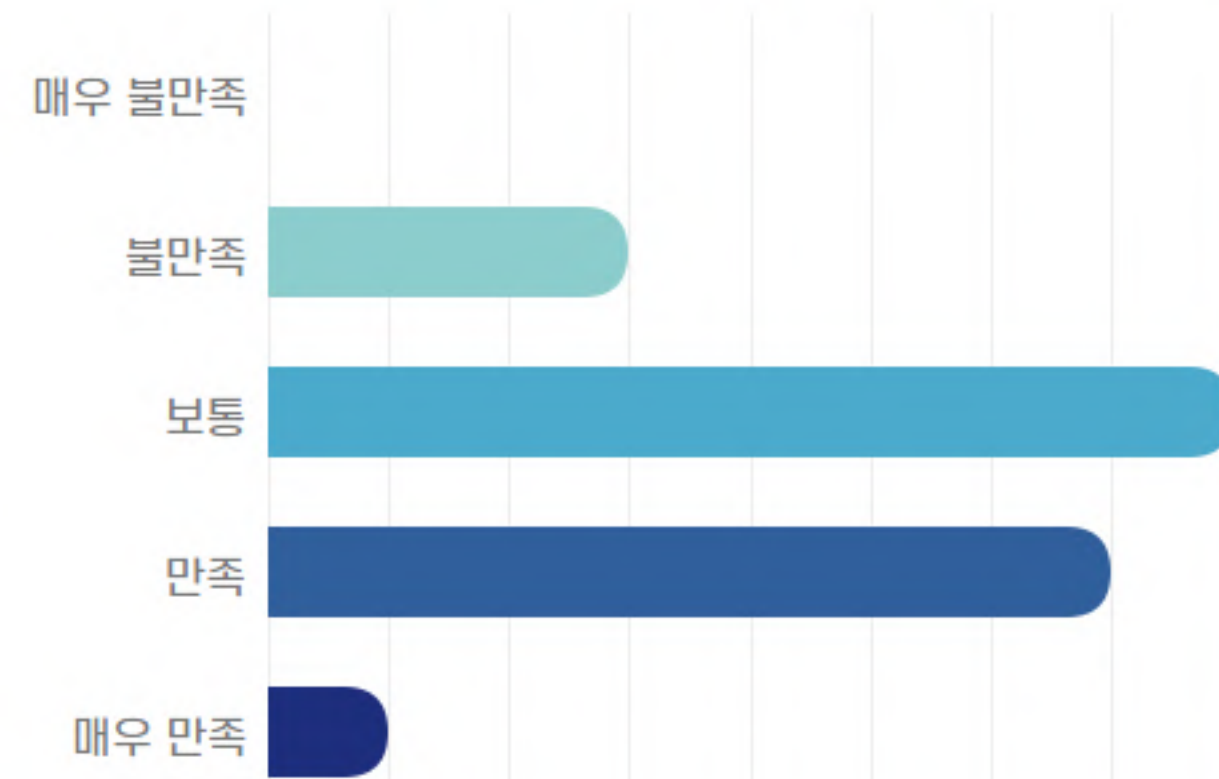
## 개최장소



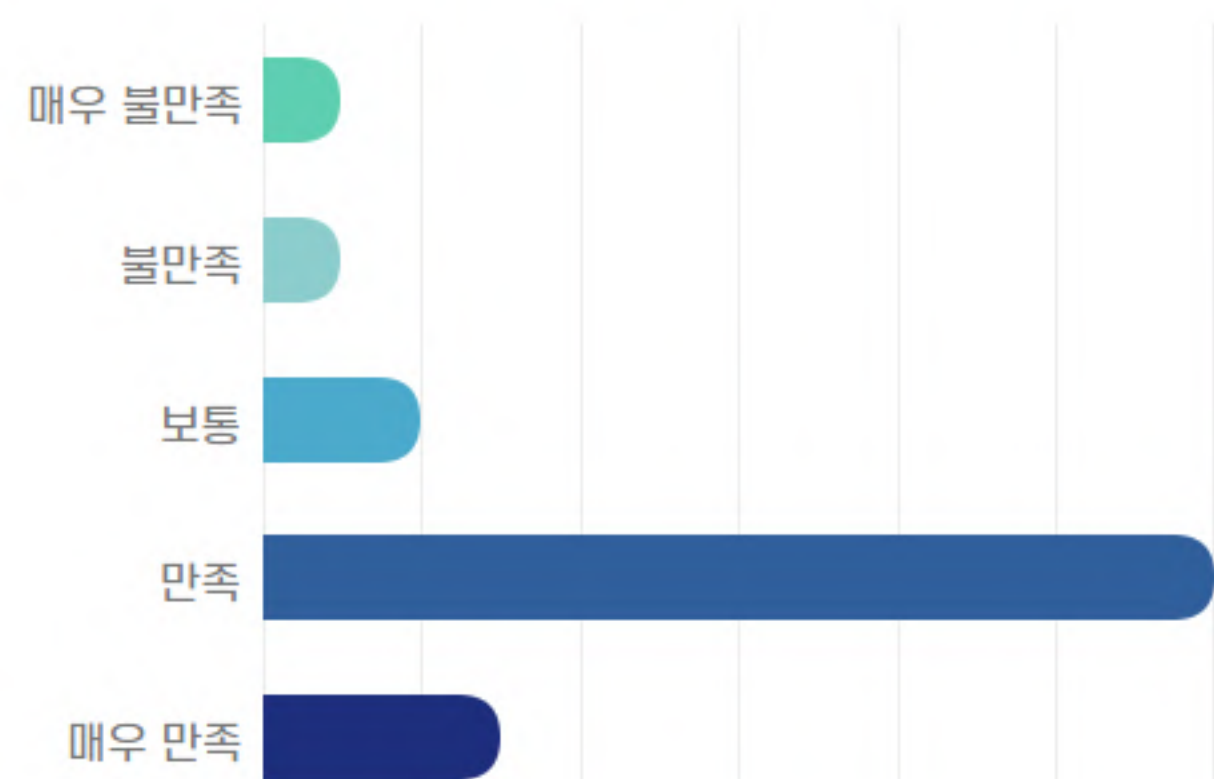
## 전시규모



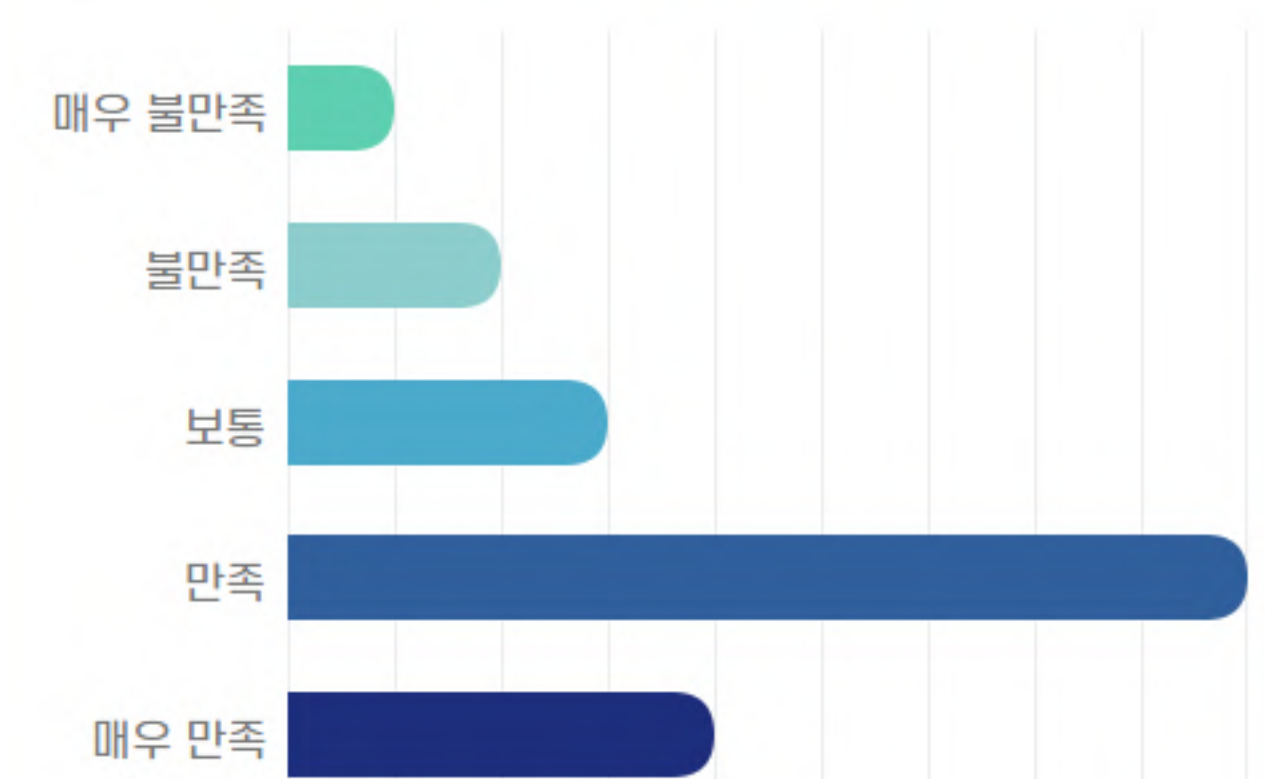
## 주최 측 전시 홍보



## 주최 측 전시 운영

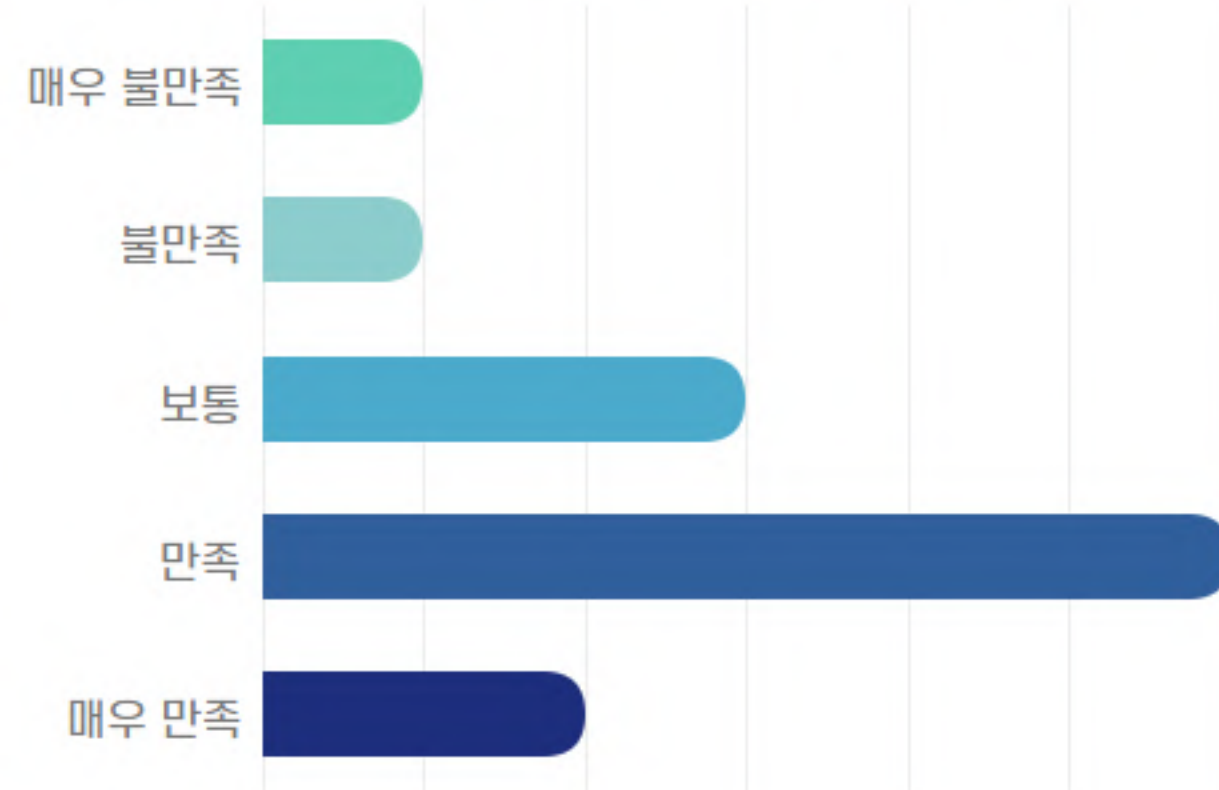


## 바이어 및 참관객 규모

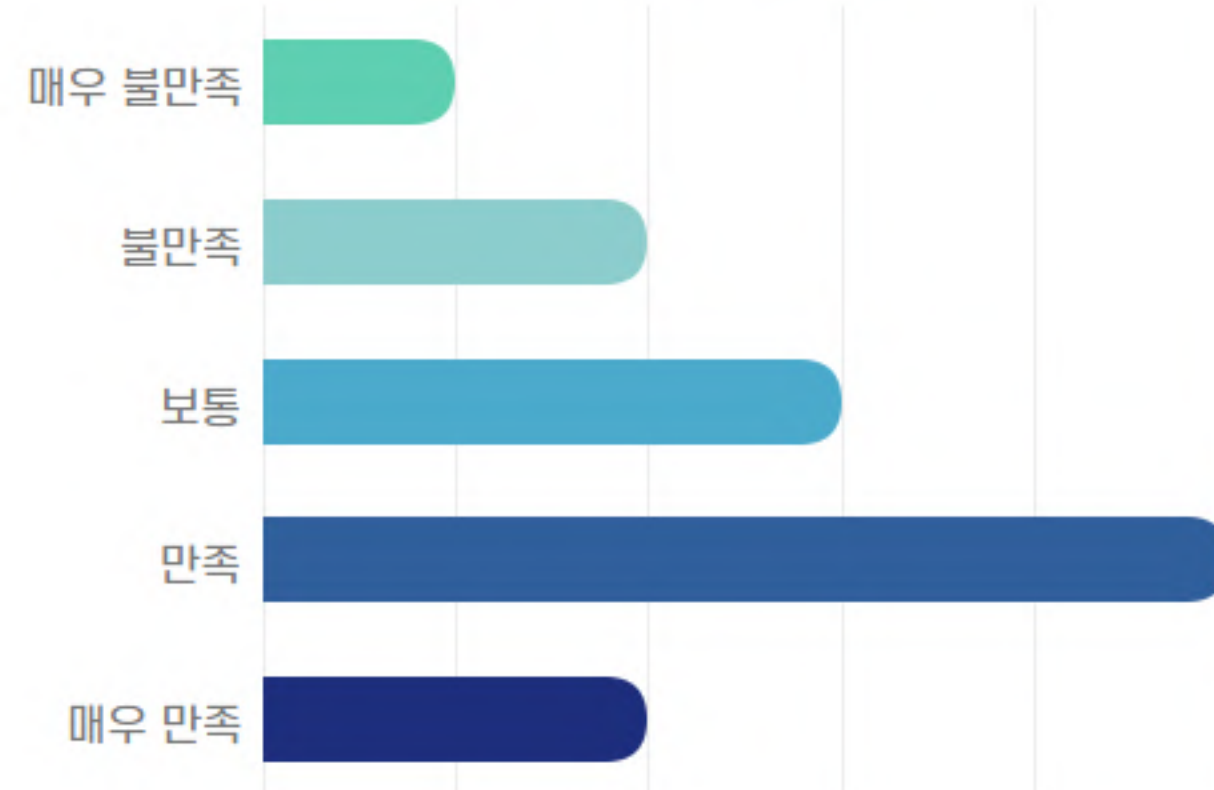


# EXHIBITOR SURVEY RESULT

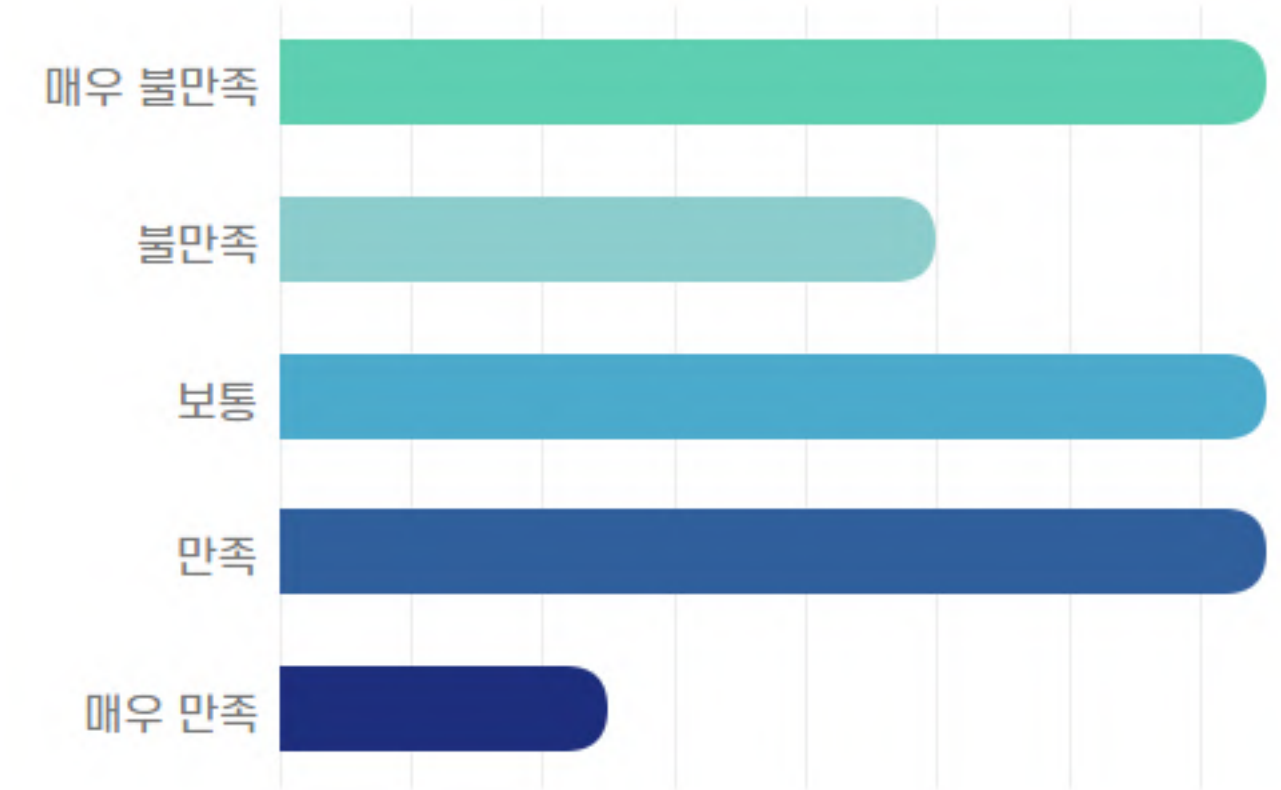
## 더배터리데이유럽컨퍼런스



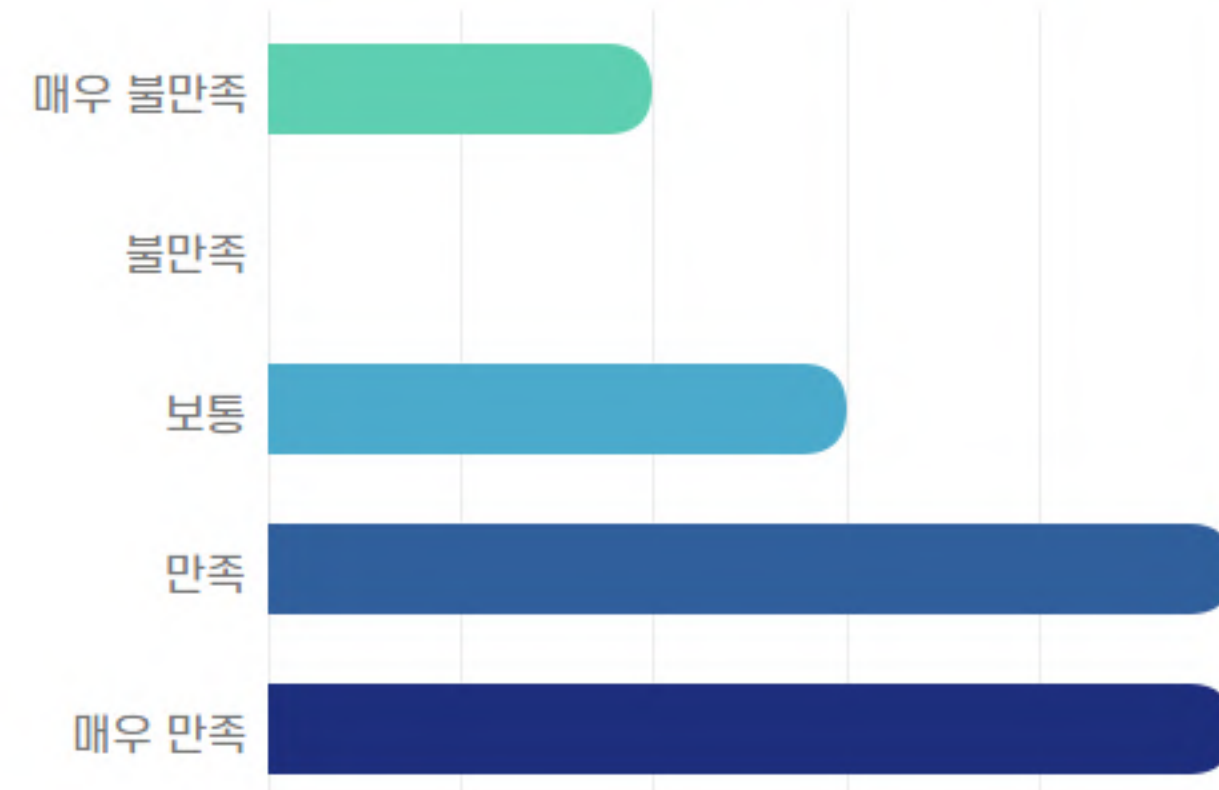
## 네트워킹 나잇



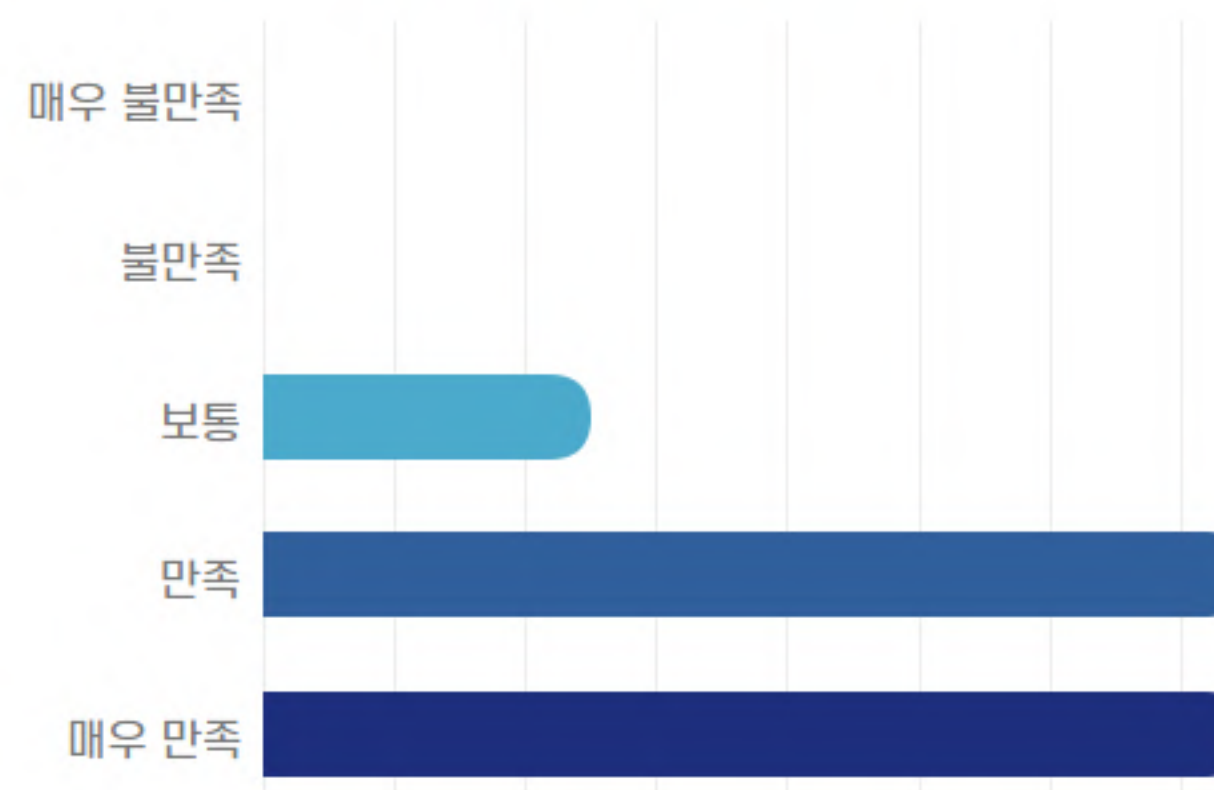
## KOTRA 수출상담회



## 인터배터리 유럽 세미나



## 참가업체 간담회



# PHOTO

## 주요 사진

Hallen C  
Halls C  
Konferenz C31-C33  
Conference C31-C33

Halle Hall  
C4

Hallen Halls  
C4 A,B

WELCOMING ADDRESS

Furthermore,  
Korea's growth in the battery  
industry is receiving positive  
evaluation in the German market,  
especially in the automotive field.

Charge Your Business  
with Battery

2023  
INTER  
BATTE  
23. 06. 14(W)

Leading the industry  
through our valued customer's  
trust and respect

2023  
INTER  
BATTERY  
München, Germany





# INTERBATTERY EUROPE

2023  
INTER  
BATTERY

Messe München, Germany



2023  
INTER  
BATTERY

06. 14(Wed) - 06. 16(Fri)

# K-Battery, Charge the World



World EXPO 2030  
BUSAN, KOREA

# World EXPO 2030 BUSAN, KOREA

Please cheer for hosting together!

The Host City Announcement in Dec. 2022



World EXPO 2030  
BUSAN, KOREA

kotra  
Korea Trade-Investment  
Promotion Agency

*BUSAN  
is Ready!*

# WORLD EXPO 2030



C3  
Business C3-C33  
Conference C3-C33

Powering the

Commercial Vehicle

# Opening the Sustainable Energy Era

# Electric Vehicle Batteries

LG Energy Solution

LG Energy Solution

Opening the Sustainable Energy Era

AI-look

Advanced Automotive Battery for eEV  
Powering the Next Mobility  
Commercial EV Battery Solution  
LG Energy Solution Mission

Powering the Next Mobility

Porsche

Volkswagen



Discover Key Battery Leaders from Korea  
**INTERBATTERY SHOWCASE 2023**  
Connect Now at **HALL C3**   

Discover Key Battery Leaders from Korea  
**INTERBATTERY SHOWCASE 2023**  
Connect Now at **HALL C3**   

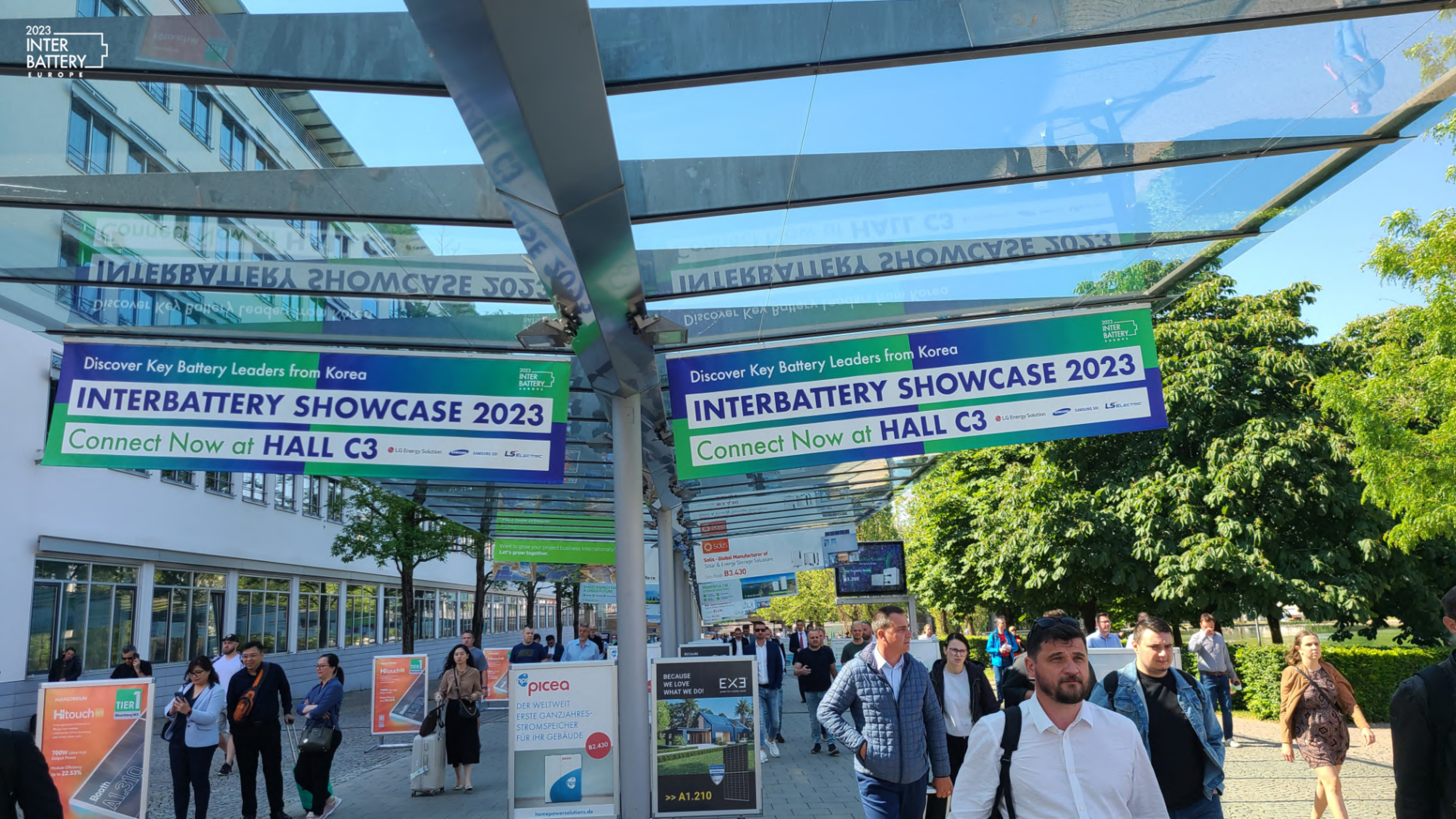
**Hitouch**  
700W ultra-high Output Power  
Module Efficiency up to 22.53%  
Booth **A1.310**

**Hitouch**  
700W ultra-high Output Power  
Module Efficiency up to 22.53%

**picea**  
DER WELTWEIT ERSTE GANZJAHRES-STROMSPEICHER FÜR IHR GEBÄUDE  
82.430  
homepowersolutions.de

BECAUSE WE LOVE WHAT WE DO!  
**EXE**  
>> **A1.210**

**Solis**  
Solis - Global Manufacturer of Solar & Energy Storage Solutions  
Solo Box **B3.430**





# PRiMX

PRIME BATTERY FOR MAXIMUM EXPERIENCE

# A ONE

2023  
INTER  
BATTERY  
EUROPE  
SHOWCASE

## INZI

ONEJOON

We offer  
**Customized Solutions**  
for your Battery Materials R&D

High End K...  
for the prod...  
graphite, ar...  
silicon-carb...

ity & Commercial ESS

Years Experience  
Technology

IG SDI

TRIC

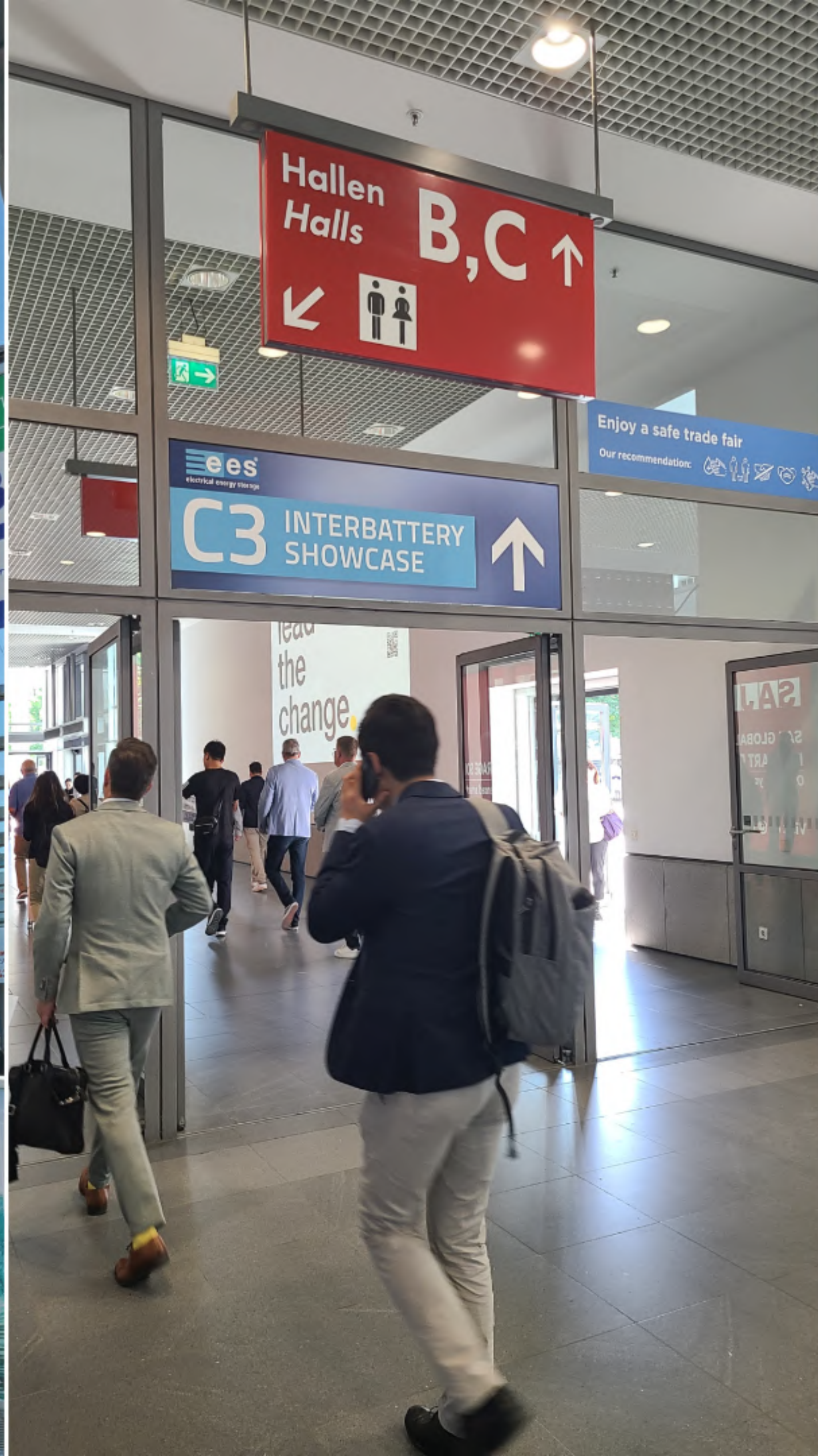
Energy Solution

enchem

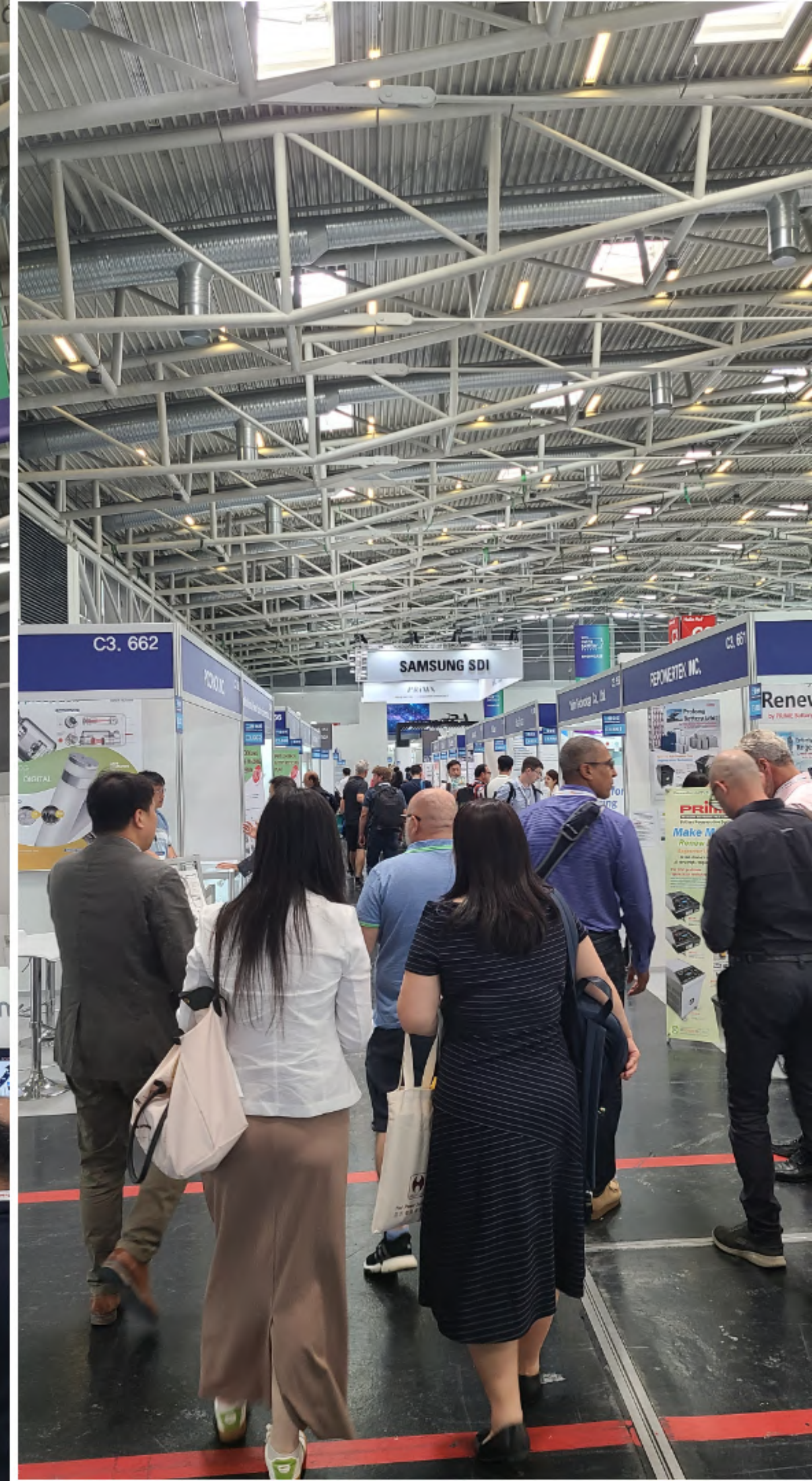
INZI

ONEJOON





2023  
INTER  
BATTERY  
EUROPE



t Mobility


Batteries

Experience

Mixed  
Reality

LE & PLAY

Advanced Automotive Battery  
Powering  
the Next Mobility

 LG Energy Solution

Beyond Batteries  
Empowering the Future



Discovering Life Innovation

IT Device Batteries

One for All, All for One

Cylindrical Batteries

Discovering  
Life Innovation

 LG Energy Solution

← Arriving Hall  
Exit North  
Service Hall  
Service Hall  
Halls Hall  
C4  
Halls Hall  
A,B

← Halls Hall  
C4  
Halls Hall  
B3  
Halls Halls A, B  
Conference A, B  
Conference A, B  
C

**BATTERY NEXT**

Battery Next is a special showcase of innovations, featuring cutting-edge products and technology that capture the industry's best of the year.

The Best Battery Awards ceremony is held in conjunction with the exhibition for high performance, low generation battery technology that will determine the competition for the Best Battery award.

Recognize the most innovative from your battery, innovation for productivity, improvement, and safety for the next step for the growth of the world battery industry.

Discover the latest trends and technologies of the battery industry through the key word showcase at the Battery Next Showcase at Inter Battery.

2023  
**INTER  
 BATTERY**

23. 06. 14(Wed) - 06. 16(Fri)  
 Messe Munchen, Germany

**ABB Korea**

ABB Korea is a leading manufacturer of lithium-ion batteries for electric vehicles, energy storage, and industrial applications. The company's products are designed for high performance, long life, and safety.

**UBATT**

UBATT is a battery technology company focused on providing high energy density and high safety.

"The Higher"

UBATT's Thick Electrode Platform (TEP) technology provides a high energy density and high safety solution for high energy demand applications. With this technology, we have succeeded in developing a lithium-ion battery with the world's highest energy density (300 Wh/kg) and increasing energy density by more than 20% in lithium-ion batteries.

"The Safer"

The flame retardant coating material for battery technology is a separator separator.

**SK Nexilis**

SK Nexilis is the world's leading copper foil supplier. The company's products are designed for high performance, long life, and safety.

Ultra-thin copper foil technology contributes to efficiency and weight lightening of battery cell. Thinner foil improves energy density in the same volume, increasing the competitiveness of EV. The wider technology increases production efficiency and wider foil enables to increase cell amounts per unit area. The largest material technology improves productivity as it reduces pain points such as cost, low material loss, defect rate, and the stop caused by short copper foil reducing quality risk production cost.

**BESTGRAPHENE**

BESTGRAPHENE's UCMG (Ultra-Customized and Modified Graphene) is a product that introduces functional groups into the graphene molecular structure through chemical modification reactions followed to carbon. It has excellent self-dispersibility and compatibility with various materials such as metal, ceramic, solvent, and polymeric binder. Functional group at edge of graphene makes it easy to coat, wrap, or hybrid with active functional films, electrodes, etc. without additional using graphene wrapping on anode or cathode. The cell's efficiency, charging rate and lifespan are improved.

Using UCMG technology, we have also developed hybridized binder (GHPB). It can improve ion conduction and act as a binder between current collector and active materials, like silicon anodes or single-crystal. The UCMG coating technology can be utilized to improve ion conductivity of the separator without side effect thereby enhancing the charging speed.

**BATTERY NEXT**

**RECYCLE**

**SungEel HiTech**

SungEel HiTech is a leading company in the field of battery recycling industry that is operated with a total recycling process for rechargeable battery only in South Korea. At the Recycling Park, battery scraps, EV packs and modules are collected and turned into battery powder (BP) through pretreatment process such as discharging, disassembling, drying and shredding processes. Afterwards, At the Hydro Center, Battery powder is used as a raw material to produce battery grade metals such as cobalt sulfates, nickel sulfates, manganese sulfates and lithium carbonate with a SungEel's hydrometallurgy process which is a leaching, Filtration and solvent extraction processes.

**Li-Cycle**

Li-Cycle is solving the global end-of-life lithium battery problem by supplying the world with critical recycled materials for a clean energy future.

Li-Cycle is delivering solutions that usher in a sustainable alternative to existing mining practices and high temperature recycling, creating a secondary source of minerals through our innovative and patented Spoke & Hub Technologies™.

**AUTOMATION**

**EMERSON**

For good recipes to be good products, accurate measurement is the key. Emerson's Micro Motion Coriolis flow meter with 5700 transmitter is designed for that required accurate measurement and continuous monitoring.

In Battery material producing, It is critical to mix metal with additives according to the recipe. In this process it is very important to put the correct amount of metal slurry into the mixing tank.

Battery cathode material is manufactured in the form of metal slurry and coated on the electrode plate. The key for quality is in continuously monitoring when metal slurry is being supplied at consistent and accurate rate to the coating equipment.

The combination of Emerson's Micro Motion Coriolis flow meter and 5700 transmitter enables the measurement and monitoring of metal slurry flow, mass, and density, providing insight into the status of metal slurry in the process.

**Micro-Epsilon**

thicknessGAUGE sensor systems are used for inline thickness measurements of battery film. Several models with different sensor types, measuring ranges and measuring width. Inline thickness measurements of different materials and surfaces, e.g. coated electrode films or separator film. The sensors are precisely aligned to each other and ensure high precision. By means of a linear axis, the thickness sensor systems can be moved to measure the thickness of the entire strip width. Thanks to a comprehensive software and interface package, the sensor systems can be integrated into production lines in a process safe manner.

### 2 한시적 위기 및 전환 임박(ICTF)

1. 2023년 10월 10일 - 10월 12일 (3일간) 개최 예정  
2. 2023년 10월 10일 - 10월 12일 (3일간) 개최 예정  
3. 2023년 10월 10일 - 10월 12일 (3일간) 개최 예정

구분	일정	주최/주최자	장소	시간
1	10월 10일	한국전기공업협회	한양대학교	14:00 - 17:00
2	10월 11일	한국전기공업협회	한양대학교	14:00 - 17:00
3	10월 12일	한국전기공업협회	한양대학교	14:00 - 17:00

### 2023 INTER BATTERY

Leading the industry through our regional customer's trust and support

### Leading the industry

through our regional customer's trust and support

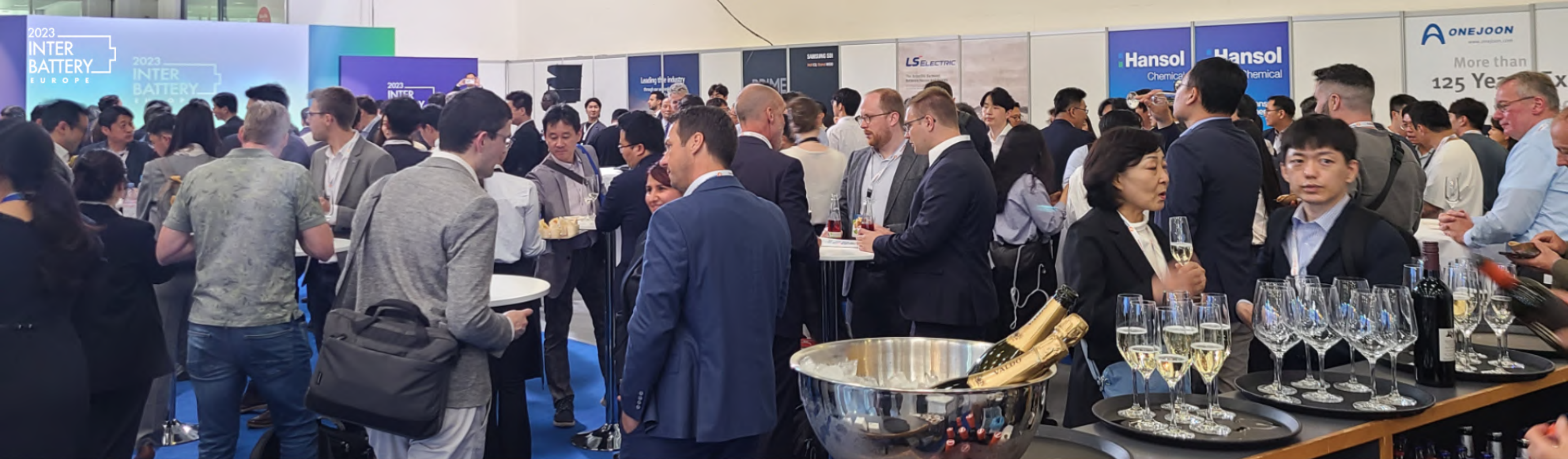
### PRIME BATTERY FOR PRIMX

SAMSUNG SDI  
Next Cell. Smart. Green.

### LS ELECTRIC

The Beautiful Harmony Between Nature and Energy





# EXHIBITOR LIST

## 참가업체 리스트



# EXHIBITOR LIST

## INTERBATTERY EUROPE 2023

Company Name	Exhibit Items	Booth No.
AI KOREA	Central Electrolyte Supply System	C3.652
AIRMAJOR	Cooler for ESS Container	C3.761
ANHUI WONDER SOLAR ENERGY TECHNOLOGY	Monocrystalline single-crystal solar panels; Polycrystalline solar panels	C3.456
B&B TECHNOLOGY	Electro-Pneumatic Proportion & Servo Control Valves	C3.559
BAY TECHNOLOGY	Secondary Battery Manufacturing Equipment	C3.755
BESA	Industrial Knife	C3.656
block9	Thermal explosion prevention insulation coating material & equipment	C3.552
Bry-Air	LDP(Low Dew Point) & Dehumidification	C3.759
CHIYODA KOGYO KOREA	Plastic(FRP/ABS) Core	C3.432
Chungbuk Techno Park	Chungcheongbuk-do Pavilion(3 Companies)	C3.533 -537
CHUNGCHEONGBUKDO	State initiatives and public authorities	C3.554
CK EM Solution	Thermal Interface Material	C3.436
CORN	Li-Ion Battery Electrode Manufacturing Machine	C3.736
Daegu Gyeongbuk Free Economic Zone Authority	GB Investment Zone	C3.440
DONGJIN INDUSTRY	Second battery production equipments, Supercapacitor	C3.413
Easychem	Secondary battery materials, binder, micro particles etc.	C3.659
enchem	electrolyte for lithium ion secondary battery	C3.415
Grapsil	Anode material for secondary battery	C3.556
Gumi	Gumi National Industrial Complex & Investment Consulting	C3.440

Company Name	Exhibit Items	Booth No.
HanKook(Korea) Powder Machine Engineering	Lithium-ion battery recycling plant	C3.660
Hansol Chemical	LiB materials (SBR, S:Anode)	C3.520
HANTECH	Furnace & Mixer	C3.560
HARBIN COSLIGHT NEW ENERGY	Battery cells Battery management system, Battery modules and packs	C3.551
INCHEMS	Solid Electrolyte	C3.756
INNOVEX	Cycler	C3.757
INP	EV battery heating system	C3.614
INZI CONTROLS	EV Battery Module & Parts	C3.320
InterBattery	InterBattery Event Promotion	C3.555
ISTMC	Waste battery recycling	C3.750
IWIN	POGO Pin, Connector	C3.535
K-ENSOL	Industrial Clean Room, Dry Room, Bio Clean Room, Structure Solution	C3.310
KORCHIP	Super capacitor	C3.732
Korea Testing Laboratory	Testing and Certification of international standard development for Secondary battery and used battery	C3.752
KOTRA	Korea Trade-Investment Promotion Agency	C3.411
KUMYANG	Cylindrical Secondary Battery Cell (Lithium ion battery)	C3.318
LG Energy Solution	Advanced Automotive Battery, Mobility & IT Battery, ESS Battery	C3.410
LiBEST	Flame & Frost Resistant Battery, Flexible Battery, Custom Cell Service	C3.610

# EXHIBITOR LIST

## INTERBATTERY EUROPE 2023

Company Name	Exhibit Items	Booth No.
LS ELECTRIC	EES(PCM, EMS) SST - TBD	C3.420
Maroo On	EV Battery Discharger	C3.537
MinTech	cycler, pack tester, formation(Automation system)	C3.639
MONA	Battery inspection solution powered by AI	C3.655
NAiEEL Technology	BNNT based liquid electrolytes additive and solid electrolytes	C3.653
NEBA CORPORATION	Lithium metal ingot, foil, chip	C3.654
ONEJOON	Materials	C3.430
P3 Group	Technology/Management consulting service	C3.657
PICOPACK	Digital X-ray generator for the inspection of a Secondary Battery	C3.662
PMGROW	Diagnostic evaluation equipment used by batteries	C3.739
POEN	EV Refurbish Battery Pack	C3.738
Pohang	State initiatives and public authorities	C3.751
Province of Gyeongsangbuk-do	GB Investment Zone	C3.440
Jeonbuk	State initiatives and public authorities	C3.618
REPOWERTEK	Battery regenerator, Discharger	C3.661
Saemangeum Development and Investment Agency	State initiatives and public authorities	C3.616
Samsung SDI	Lithium-ion Battery for Automotives, Energy Storage, IT device & Power tool	C3.530
Sebitchem	NCM Mixed Solution, Lithium Carbonate, etc.	C3.540

Company Name	Exhibit Items	Booth No.
SHENZHEN SOUTHKING TECHNOLOGY	battery, car smart battery, jump starter	C3.454
SILICONEVALLEY	Silicone Foam, Thermal Pad(TIM), Gap Filler	C3.753
SNE Research	Market research and analysis	C3.624
SNF	Battery Assembly Equipment	C3.730
SOFTCEN & SM ENGINEERING	EV Battery Main Assembly Machinery	C3.620
SSCAN TECH	Can, EV Cell Case Manufacturing Machine	C3.464
SungChang	mini DC UPS	C3.533
SUNKWANG BRAZING FILLER METAL	Aluminum Brazing Filler Metal	C3.640
SUNPAL POWER	Solar panels, lithium battery, hybrid inverter, solar system	C3.458
The Export-Import Bank of Korea	Supporting Korean Export, Financing	C3.754
UPIN SOLAR ENERGY	Lead acid battery, Lithium battery, Solar panels, Residential Solar Inverter, Industrial and Commercial ESS System, Power Conversion System, Portable power station	C3.553
VITZROCELL	Li/SOCI2 battery, Li/ion battery, Supercapacitor(EDLC)	C3.650
XAVIS	Automatic X-ray inspection equipment	C3.550
YM Tech	EV Relay	C3.651
YUJIN TECHNOLOGY	2nd Battery Mold, Friction Shaft, Knife Unit, Lead Tab	C3.558
ZHEJIANG GUANGWEI ELECTRIC & TOOLS	EV Charging stations, High power charger, Ultra fast	C3.462
ZHEJIANG JUST ELECTRICAL APPLIANCE	Car battery	C3.460
ZHEJIANG KELI VEHICLE CONTROL SYSTEM	Electric water pump, AMT actuator & sensor, AMT clutch servo, Axle module, EPB, Intelligent Drain system	C3.450



# THANK YOU & SEE YOU IN 2024

## CONTACT

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