INTERNATIONAL FLOW BATTERY FORUM 2026

2026 – IT'S TIME FOR FLOW BATTERIES!

16 – 18 JUNE 2026 / BUDAPEST, HUNGARY

INTERCONTINENTAL HOTEL...and online

SPONSORED BY

PLATINUM

cellcube

QUINO ENERGY

WONTAI power

GOLD

JNTG

RKP

SILVER

AMG TITANIUM

GfE

H2

InoHub Energy

volterion

POSTER SESSION

pinflow energy storage

SUPPORTED BY

FLOW BATTERIES EUROPE

POWERED BY

CLERENS

IFBF 2026 - PROGRAMME

SPONSORS

Platinum

cellcube

QUINO ENERGY

WONTAI power

Gold

JNTG

RKP

Silver

AMG TITANIUM GfE

H2

InoHub Energy

volterion

Poster Session

pinflow energy storage

Over three days at the InterContinental Hotel Budapest (and online), the 2026 edition of the **International Flow Battery Forum** highlights recent global developments in flow battery technology, including **large-scale installations, AI and data centre applications, transport uses, and advances in research and manufacturing**.

The event brings together manufacturers, customers, investors, and researchers to address supply chain readiness, financing, and large-scale deployment within a high-level technical and commercial networking environment.

With an **increasing number of flow battery installations** in several markets, this conference addresses the key issues to validate the commercial viability and the investment profile for flow battery projects.

Bringing together leading international researchers, the event will showcase the **latest scientific and technological achievements and discuss their implications for flow battery manufacturers**. As research, experimentation, and validation increasingly intersect with commercial deployment, the programme will highlight how technical and commercial challenges are being addressed to enable broader market adoption.

Dedicated sessions will focus on **supply chain development, manufacturing advancements, and the steps required to achieve large-scale production**.

Customers, investors, and financial advisors have been invited to contribute to discussions on project financing, market readiness, and new investment opportunities.

IFBF is recognised for its **unique combination of high-level technical content and commercial networking**, creating a dynamic platform for collaboration across the flow battery community.

IFBF OFFICIAL WEBSITE:
www.flowbatteryforum.com

IFBF 2026 VENUE:
InterContinental Hotel Budapest

IFBF 2026 VIRTUAL HUB:
https://www.accelevents.com/e/international-flow-battery-forum-2026/portal#infoDesk

WHY GO TO THE IFBF VIRTUAL HUB?
To consult and download:

- PPT Presentations
- Live Streaming
- Video recordings
- List of Delegates
- Online Networking
- IFBF Book of Papers
- Digital Posters
- ..and much more

ANY ISSUES OR QUESTIONS DURING THE EVENT?
Come ask for support at the IFBF welcoming desk!

CONTACTS
Email: info@flowbatteryforum.com
Phone: +32 465771743

DAY ZERO

MONDAY 15 JUNE

14:00 - 16:00

INTERCONTINENTAL HOTEL
Afternoon

PRE-CONFERENCE WORKSHOP - MEMBRANES IN FLOW BATTERIES

A pre-conference workshop entirely dedicated to the role of membranes in flow batteries!

MAIN TOPICS:

Background to the Role of Membranes in Flow Batteries
Current Challenges in the Use of Membranes
What Are the Latest Developments in Membranes?
.. and more

SPEAKERS:

- **Bernd Bauer**, ***Fumatech***
- **Wim Beatse**, ***Chemours***
- **Pegah Shadmanheidary**, ***KU Leuven***
- **Patrick Sullivan**, ***Flux XII, Inc.***
- **Tülay İnan**, ***Sabancı University Nanotechnology Research and Application Center***
- **John Miller**, ***ENTEK International***
- *Moderated by* **Kees van de Kerk**, ***President Flow Batteries Europe***

IFBF 2026

DAY ONE
TUESDAY 16 JUNE
08:30 - 17:45

INTERCONTINENTAL HOTEL
Morning and Afternoon

08:30 - WELCOMING COFFEE
Foyer and Exhibition Area

09:00 - WELCOME
Ballroom

- **Claudia Patricolo,** *Journalist in energy, climate change and business. Master of Ceremony*
- **Patrick Clerens**, *Director,* ***IFBF***
- **Kees van de Kerk**, *President,* ***Flow Batteries Europe***

09:15 - 2026 - TIME FOR FLOW BATTERIES!
Leading members of the flow battery industry give us their perspectives on the latest developments
Ballroom

- **Kees van de Kerk,** ***Flow Batteries Europe***
- **Jeehyang Huh**, ***H2, Inc.***
- **Jonathan Marren**, ***Invinity Energy Systems***
- **Min Tang**, ***Rongke Power***
- **Eugene Beh**, ***Quino Energy***
- **Christoph Stelzer,** ***CellCube Energy Storage***
- *Moderated by* ***Claudia Patricolo****, Journalist*

10:30 - COFFEE BREAK
Foyer and Exhibition Area

11:00 - HELPING EUROPEAN MANUFACTURERS PROGRESS BEYOND EUROPE
Ballroom

- **Mr. Peteris Ustubs,** ***DG International Partnerships, European Commission***
- **Patrick Clerens,** ***Director IFBF***

11:45 - MARKETS TRENDS AND BANKABILITY DYNAMICS
Ballroom

- **Terry Perles**, ***TTP Squared***: Vanadium Market Analysis
- **Michael Fischer**, ***Boysen Energy:*** Confidence in industrialisation and mass production
- **John Alper,** ***CMBlue:*** SolidFlow batteries and beyond, scaling lab to prototype and commercial manufacturing
- *Moderated by* ***Marlene Vesterdal****, Independent Vanadium Analyst*

12:45 - LUNCH BREAK
Corso Restaurant - Ground Floor

14:00 – DOES SIZE MATTER? LARGE FLOW BATTERIES AND MASS DEPLOYMENTS

Ballroom

- **Jean-Louis Cols**, ***Invinity Energy Systems***: GWh Scale VFBs for Data Centres and Critical Infrastructure
- **Jeremy Peters**, ***Vecco Group***: Electrolyte at Scale: Supplying AI Datacentres and Competing Beyond Chinese Dominance
- **Antonio Zingales**, ***SAET Spa***: Large Flow Battery applications for Long Duration and AI Data Centres. The new segment between lithium and Hydrogen
- **Min Tang**, ***Rongke Power*** Demonstration and Deployment of Fe-V RFB for Applications in Middle-East
- **Georg Lieser**, ***J. Schmalz GmbH***: Advancing Redox Flow Stack Technology: Setting New Standards for Sustainable Energy Storage
- **Shaun Vagne**, ***Idemitsu Australia:*** Demonstrating the vanadium supply chain in Australia: Learnings from design and development
- *Moderated by **Aurelien Ballagny**, Head of Policy, Flow Batteries Europe*

15:30 – COFFEE BREAK

Foyer and Exhibition Area

16:00 – US AND EU PERSPECTIVES ON ENERGY STORAGE

Ballroom

- **Abhishek Somani, *Pacific Northwest National Laboratory***
- ***Juergen Wieshoff, Flow Batteries Europe***
- *Moderated by **Claudia Patricolo**, Journalist*

16:30 – MEMBRANES IN FLOW BATTERIES

Ballroom

- Overview on the main findings from the pre-conference workshop on membranes by **Wim Beatse, *Chemours***, session's rapporteur

16:40 – FLOW BATTERIES IN EASTERN EUROPE – THE HUNGARIAN CASE

Ballroom

- **Peter Kaderjak, *Hungarian Battery Association***
- **Sándor Herczeg, *Hungarian Energy and Public Utility Regulatory Authority***
- **György Czipó, *Ideona***
- **Daniel Czakó, *Greenergy Hungary***
- **László Szabó Dr., *Hungarian Chamber of Commerce and Industry Energy Committee***
- *Moderated by **Patrick Clerens**, Director, IFBF*

IFBF CONFERENCE DINNER

19:00 - 23:00

GUNDEL RESTAURANT,
Budapest, Gundel Károly út 4, 1146

Enjoy an elegant networking evening in the historic Gundel Restaurant.

Hungary's most famous and only Hungaricum restaurant is must-see, the most popular bucket-list entry in Budapest for Hungarian gastronomy! The perfect location for the IFBF conference dinner!

Important: a separate ticket is needed for the IFBF Conference Dinner!

DAY TWO

WEDNESDAY 17 JUNE

08:30 - 19:00

INTERCONTINENTAL HOTEL
Morning and Afternoon

08:30 - WELCOMING COFFEE
Foyer and Exhibition Area

09:00 - VANADIUM SYSTEMS
Ballroom

- **Yuta Ochi, *Sumitomo Electric Industries:*** Development of a new Vanadium Flow Battery
- **Mike Perry, *Storion Energy:*** High-Performance Vanadium Flow Battery (VFB) Stacks
- **Yannick Bachirou Seiler, *Fraunhofer ICT:*** Current status and outlook of the 2 MW / 20 MWh vanadium redox-flow-battery at Fraunhofer ICT
- **Fraser Hughson, *Allegro Energy*:** Microemulsion electrolytes
- **Alasdair Robertson, *Invinity Energy Systems*:** Inside a VFB: Investigating Real-Time Materials Ageing
- **Yin Zhang, *Wontai Power*:** From materials to systems: Independent innovation throughout the entire chain of high-power and low-cost flow batteries
- *Moderated by **Adam Whitehead**, Teamlead Material Science, CellCube Energy Storage*

10:30 - COFFEE BREAK
Foyer and Exhibition Area

Sponsored by Redox Flow

11:00 - OTHER INORGANIC SYSTEMS
Ballroom

- **Luca Magagnin, *Politecnico di Milano:*** Scaling Assessment of a Zinc-Manganese Flow Battery
- **Phalguni Anurag, *University of Southampton*:** System-Level Modelling and Experimental Evaluation of a novel Converter-less Hybrid Soluble Lead Flow and Lithium-Ion Battery System
- **Alena Neudert, *University of Bayreuth:*** Investigation of Hybrid all-Iron Redox Flow Batteries
- **Andrii Bondar, *R.Flo:*** Why iron flow batteries fail, and what actually makes them work
- **Ahmad Alem, *Technical University of Leoben*:** Impact of Activation Methods on Fouling Resistance and Durability of Carbon Felt Electrodes in Organic Flow Batteries
- **Kathryn Toghill, *University of Lancaster*:** Stabilisation of Iron-Ligand Complexes for Use in Redox Flow Batteries
- *Moderated by **Bret Adams**, Management Consultant, Kainos Consulting*

13:00 – LUNCH BREAK
Corso Restaurant - Ground Floor

14:00 – ORGANIC SYSTEMS
Ballroom

- **Anu Jacob, *CIC Energigune*:** A Molecularly Engineered Phenazine Anolyte for Long-Term Stability in Neutral Aqueous Redox Flow Batteries
- **Jan Girshick, *Fraunhofer UMSICHT:*** Charging the City on Demand: Scalable Flow Battery Terminals for Emission-Free Urban Transit
- **Kathryn Toghill, *Lancaster University*:** A Hybrid Redox Flow Battery for Energy Storage and On-Demand Hydrogen Generation
- **Adam Weber, *Lawrence Berkeley National Laboratory:*** Insights into Crossover in Membrane Separators for Flow Batteries
- **Kees Stigter, *Hendor Pumps & Filters***: The Hendor Flow Battery Pump Concept: Engineering Reliability
- *Moderated by **Anthony Price**, Programme Coordinator, IFBF*

15:30 – COFFEE BREAK
Foyer and Exhibition Area

Sponsored by Quino Energy

16:00 – NEW FORMS OF ELECTROCHEMICAL CELLS AND CHALLENGES IN LARGE SCALE PRODUCTION
Ballroom

- **Ryoichi Kanega, *NIAIST Japan:*** New aqueous Flow Battery
- **Maik Heuer, *DILICO:*** In situ characterization of temperature, current and impedance
- **Detlef Jannes, *NTUST:*** Reliability in scaling of flow batteries
- *Moderated by **Claudia Patricolo**, Journalist*

16:30 – POSTER SPEED PITCH "JUST A MINUTE"!
Ballroom

As a prelude to the IFBF Poster session, invited poster presenters will have "just a minute" to convince you visiting their poster!

IFBF POSTER SESSION AND NETWORKING RECEPTION

17:00 - 19:00

Our popular IFBF poster session is back! We will be featuring 40 posters on the latest R&D in the world of flow batteries.

Pick up your refreshments and talk to the poster presenters, visit our exhibition stands and discuss the latest developments with experts, colleagues and friends!

Sponsored by Pinflow:

DAY THREE

THURSDAY 18 JUNE

09:00 - 14:00

INTERCONTINENTAL HOTEL
Morning

08:30 - WELCOMING COFFEE
Foyer and Exhibition Area

09:00 - MANUFACTURING, PERFORMANCE, AND RELIABILITY
Ballroom

- **Jiří Charvát, *Pinflow:*** Electrode Durability and Performance in Electrochemical Vanadium Electrolyte Production
- **Crispin Hawes, *AMG Titanium*:** Building a Scalable VFB Future: High-Performance Electrolyte Driving Cost Reduction, Optimised Supply Chains and Large-Scale Recyclability
- **Min Kang, *JNTG*:** Improving Performance and Durability of VRFB Using N,O Co-Doped Graphite Felt Electrodes
- **Fabian Brandes, *Hamburg University of Applied Sciences*:** Towards cost efficient production of tubular flow battery stacks
- **Thorsten Seipp, *Volterion:*** Operational performance of a scalable 30 kW Flow-Battery Stack
- **Rick Winter, *Enduro Corp:*** Insights into delivering unbreakable, turnkey and cost-effective flow batteries with exceptional availability, flexibility and safety
- **Jan Grosse Austing, *VANEVO:*** Performance evaluation of VANEVOs glued stacks
- *Moderated by **Anthony Price**, Programme Coordinator, IFBF*

10:50 - COFFEE BREAK
Foyer and Exhibition Area

11:30 – BUSINESS OPPORTUNITIES AND INTERNATIONAL COOPERATIONS
Ballroom

- **Wei Wang, *Pacific Northwest National Laboratory:*** High level view of PNNL activity, explanation of Launch pad Alternative chemistries, and motivation
- **Scott Watkins, *Kyung-In Synthetic Corporation (KISCO)*:** Bridging the Gap Between Academia and Industry: Scalable Hydrocarbon Ionomers for Next-Generation Flow Batteries
- **Jens Noack, *Fraunhofer ICT***: Current Flow Battery Projects, Research and Developments at Fraunhofer ICT
- *Moderated by **Claudia Patricolo**, Journalist*

12:30 – CLOSING REMARKS AND POSTER SESSION AWARDS
Ballroom

- ***Claudia Patricolo**, Journalist*

12:45 – LUNCH BREAK
Corso Restaurant - Ground Floor

SITE VISIT – VESZPRÉM

14:00 - 18:00

Veszprém, Piramis u. 9, 8200 Hungary

The site visit to Veszprém is in the afternoon of Thursday 18 June 2026. Veszprém is a 9 VS3, 2MWh system connected to a solar array.

The technology is provided by Invinity Energy Systems and installed by Ideona.

Important: a separate ticket is needed for the IFBF Site Visit!

Photo courtesy of Invinity Energy Systems.

FLOORPLAN

SPONSORS

Platinum: cellcube, QUINO ENERGY, WONTAI power

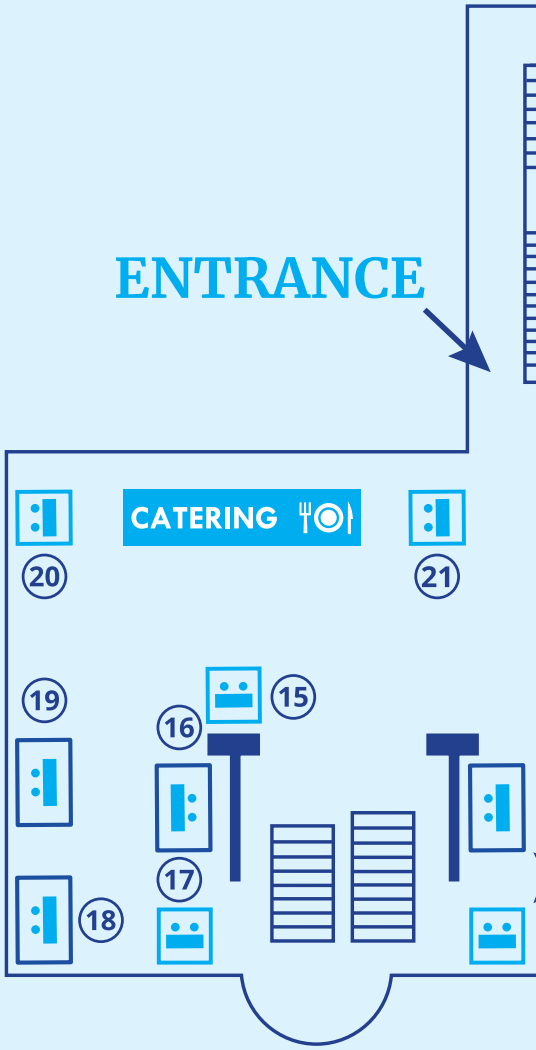
Gold: JNTG, RKP

Silver: AMG TITANIUM, GfE, H2, InoHub Energy, volterion

Poster Session: pinflow energy storage

EXHIBITORS:

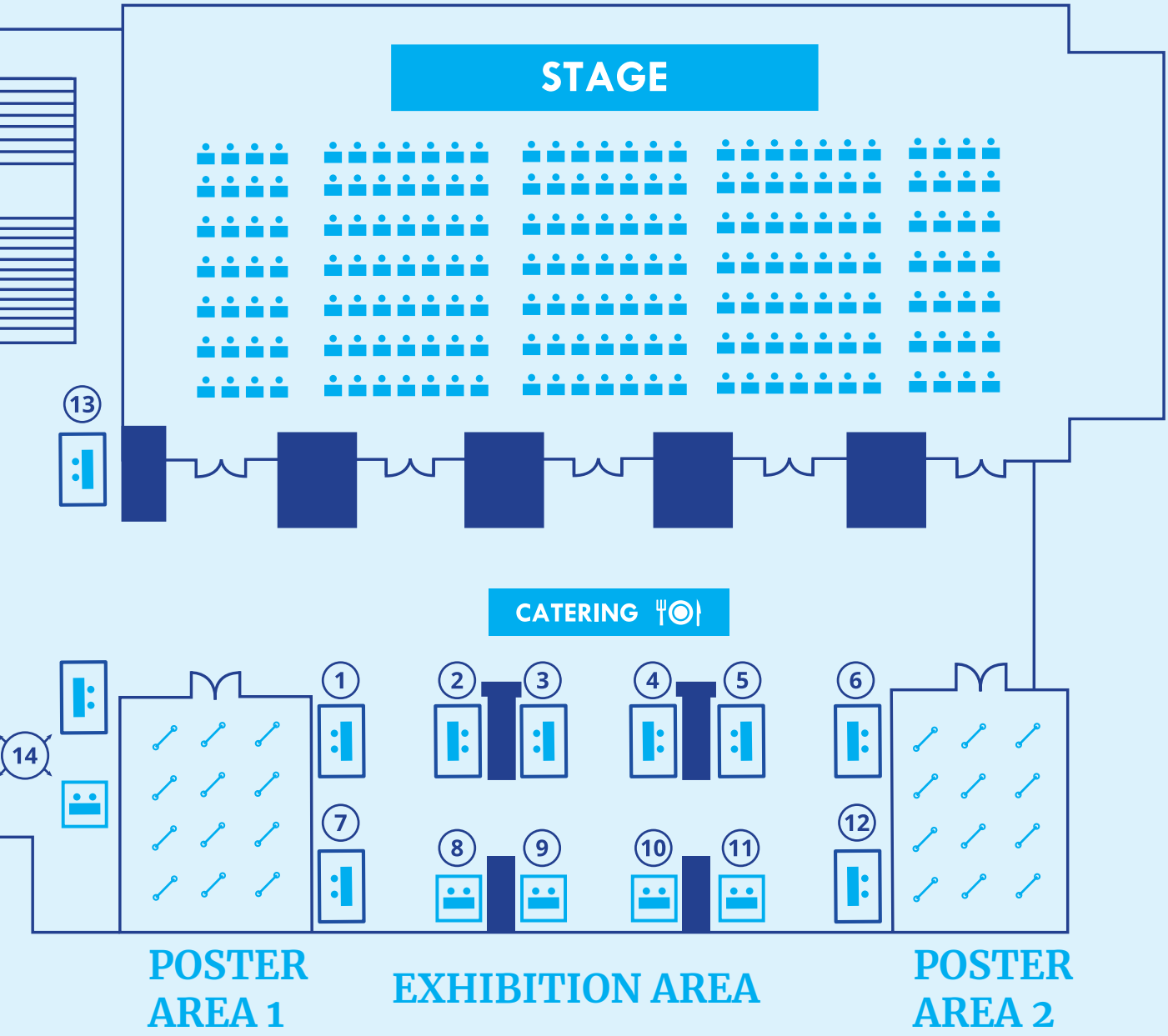
1) AMG TITANIUM
2) PINFLOW
3) QUINO ENERGY
4) WONTAI POWER
5) FUMATECH
6) REDOX FLOW
7) STORION ENERGY
8) ZH ENERGY
9) VANEVO
10) OMNI COMPOSITE TANK
11) NEWARE
12) WEVO
13) VOLTERION
14) INOHUB ENERGY
15) SCHMALZ
16) FLUX-GERÄTE
17) WHITECELL EISENHUTH
18) BIOLOGIC
19) JNTG
20) FLOW BATTERIES EUROPE
21) RENNER



STANDS SIZE

EXHIBITORS

CONFERENCE THEATRE



6 sq-metres 4 sq-metres

Please consider that this version of the floorplan is not final and may change.

SPONSORS

PLATINUM SPONSORS

CellCube is one of the world's first and largest researchers, developers, manufacturers, and distributors of vanadium redox flow batteries. We are an industry leader in energy storage headquartered in Wiener Neudorf, Austria. More than 15 years of research and development into the CellCube provide our customers with a top-notch energy storage system.

Our vanadium-based technology is known to be state-of-the-art in the battery market. The new power cell stacks have run a continuous undisturbed operating test over 5 years, achieving over 20,000 cycles, which is equivalent to 28 years of daily cycling.

Quino Energy was formed to commercialize the aqueous organic flow battery technology pioneered at Harvard University. Renewables and electrical storage are essential for the deep decarbonization of the global economy.

Quino Energy is developing a redox flow battery targeted for 8 – 24 hours of energy storage, a segment for which no suitable battery technology has yet been commercialized.

WONTAI is an innovative technology enterprise with "vanadium flow energy storage system" as core business, including independent R&D, production, sales and service. Wontai was founded in the background of "carbon peak, carbon neutral" and the global energy transition.

Based in Shanghai, relying on the integration of the Yangtze River Delta and the G60 Science and Innovation Corridor strategy, and relying on various advantages, With the product concept of "Developing this generation of products while reserving on the next generation of products",WONTAI continues to optimize product performance, drive cost reductions, and accelerate vanadium flow battery product iterations to meet the growing demand of the energy storage market.

GOLD SPONSORS

Rongke Power (RKP) is a global leader in vanadium flow batteries (VFBs) and a prominent provider of advanced energy storage solutions. Founded in 2008 by a team of visionary scientists, RKP has reached significant milestones, secured over 450 patented technologies, and deployed more than 2 GWh of utility-scale batteries in strategic projects worldwide.

RKP's batteries are recognized for their unmatched safety, with a water-based electrolyte that eliminates the risk of thermal runaway. Engineered for durability, RKP batteries are designed to maintain 100% capacity for over 25 years.

JNTG is a Korea-based manufacturer and technology leader specializing in carbon-based electrode materials for flow batteries. With over 20 years in carbon materials manufacturing, including a decade focused on flow battery materials, JNTG brings materials science expertise and proven large-scale manufacturing capabilities to meet the growing demand for flow battery and long-duration energy storage solutions.

Working closely with global partners, JNTG delivers optimized electrode materials and manufacturing scalability to support reliable, high-performance flow battery systems at commercial and utility scale.

SILVER SPONSORS

As a subsidiary of AMG Critical Materials N.V., AMG Titanium is committed to CO2 reduction and operates Europe's largest vanadium electrolyte (VEL) production plant. With a 6,000 m³ annual capacity in Nuremberg—providing 100,000 kWh of energy storage—AMG supports vanadium flow battery (VFB) manufacturers in meeting growing energy demands. AMG Titanium aims to be Europe's leading VEL producer, manufacturing all standard grades (1.6M – 2.0M) to the highest purity.

Innovation is in our DNA. Our game-changing products are redefining the possibilities of long-duration energy storage. We integrate electro-chemical, mechanical and electrical engineering and introduce new battery technologies that make energy storages affordable for long-duration and utility-scale applications. Our product branded EnerFLOW® is a flow battery energy storage based on H2's proprietary technology and able to scale up to hundreds of MWh system to meet various applications in power generation, grid operation and energy arbitrage.

INO-HUB Energy is a company with comprehensive know-how across the Battery Energy Storage Systems (BESS) and its value chain, delivering tailored energy storage solutions as an experienced ECP/EPCm contractor capable of designing, delivering, commissioning, operating, and maintaining BESS. Ultimate goal of INO-HUB Energy within its R&D activities is commercial deployment of internally developed vanadium redox flow battery (VRFB). Its proprietary battery stack has recently been certified by TÜV SÜD, while a demonstration unit has been operating for more than two years.

Volterion was founded 2015 as a spin-off of the Fraunhofer Institute UMSICHT. From the beginning, the focus was on developing the perfect stack – the heart of all Flow battery storage systems. With the acquisition of the majority shares by the Boysen Group in 2019, we have brought our preferred partner on board. As one of the fastest-growing suppliers to the international automotive industry, the Boysen Group with 25 locations worldwide gives us access to a global production network with a degree of automation of well over 90%.

POSTER SESSION AND COCKTAIL RECEPTION

Pinflow energy storage was founded in 2017. We are developing new highly efficient batteries based on redox flow technology. Stacks with low internal resistance are built on know how from New Technologies Research Centre at University of West Bohemia and are hearts of our batteries. With our laboratory products we also make research of redox flow batteries easier.

THE IFBF TEAM

Organised by

The International Flow Battery Forum (IFBF®) organises this leading event for the flow battery community. We promote the most recent developments in the science, technology and deployment of flow batteries.

https://flowbatteryforum.com/

Supported by

Flow Batteries Europe (FBE) represents flow battery stakeholders with a united voice to shape a long-term strategy for the flow battery sector. We aim to provide help to shape the legal framework for flow batteries at the EU level.

https://flowbatterieseurope.eu/

Powered by

CLERENS is a Brussels-based consultancy specialised in advocacy support, political and regulatory risk assessment, public funding, events management and strategic communications.

https://clerens.eu/

IFBF2026