

# INTERNATIONAL FLOW BATTERY FORUM 2026



## PRELIMINARY PROGRAMME

16 - 18 JUNE 2026 / BUDAPEST, HUNGARY  
..and online

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PLATINUM



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POSTER SESSION



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# IFBF 2026 - PRELIMINARY PROGRAMME



Over three days, the 2026 edition of the **International Flow Battery Forum** will highlight 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 will bring 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.

The programme will feature keynote addresses from a Hungarian perspective, alongside insights into recent flow battery projects across **Europe, North America, and Asia**. These sessions will explore key successes, ongoing challenges, and future opportunities. Particular attention will be given to large-scale installations, including critical IT infrastructure, as well as the specific demands created by Artificial Intelligence and data centres. The programme will also examine emerging applications for flow batteries, including developments in the transport sector.

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.

## MAIN TOPICS:

- Recent flow battery developments across Europe, North America, and Asia
- Successes and challenges for the flow battery industry, from technical validation to industrial deployment
- AI, data centres: scale-up and applications
- Microgrids
- Deep dive into the Hungarian and eastern Europe Energy perspectives
- Latest research and manufacturing advancements
- Market and supply chain issues



**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!

## **BACKGROUND TO THE ROLE OF MEMBRANES IN FLOW BATTERIES:**

- What you need to know about membranes, do you know the differences between selectivity, permeability, resistivity, longevity, manufacturability, reliability, and incorporation into stack assemblies?
- Do you know why some flow batteries do not even have a membrane?

## **CURRENT CHALLENGES IN THE USE OF MEMBRANES:**

- PFAS regulations,
- Material availability,
- Costs, and supply chain

## **WHAT ARE THE LATEST DEVELOPMENTS IN MEMBRANES?**

- A selection of presentations
- What are the manufacturers doing to help their customers?



**IFBF 2026**

**DAY ONE**  
TUESDAY 16 JUNE  
09:00 - 17:00

**INTERCONTINENTAL HOTEL**  
Morning and Afternoon

### **KEYNOTE ADDRESSES AND DISCUSSIONS COVERING:**

- Introduction to Hungary, and eastern Europe energy scenarios
- Comparisons with the other energy scenarios around the world.
- International policies to develop the market for flow batteries
- Flow battery achievements in 2025 / 2026. Successes and challenges for the flow battery industry
- Changes needed in the current regulatory environments to grow and support the flow battery industry

### **DOES SIZE MATTER? LARGE FLOW BATTERIES AND MASS DEPLOYMENTS**

- GWh Scale VFB Systems for Data Centers and Critical Infrastructure
- Project Development and Delivery of a Utility Grade 20.7 MWh Vanadium Flow Battery

### **MARKET AND SUPPLY CHAIN ISSUES**

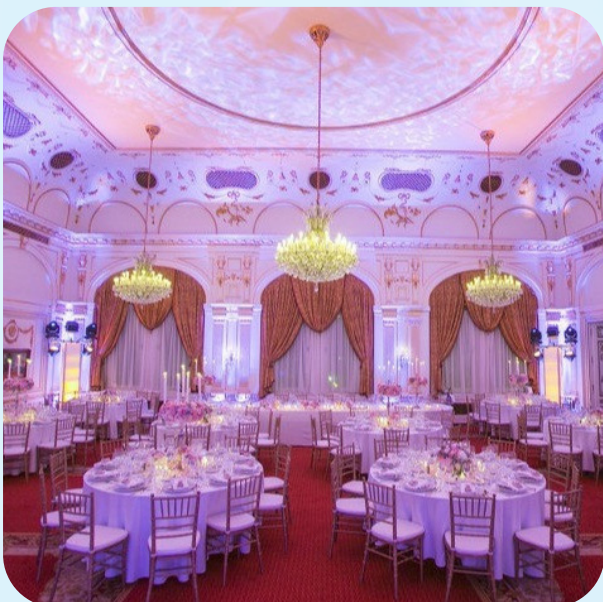
- Vanadium market analysis
- Commercial, technical and strategic issues in assessing viability and bankability of flow battery projects
- From cost curves to confidence curves: what Europe needs to deploy bankable flow batteries
- Flow batteries and beyond, scaling lab to pilot and commercial manufacturing



**GUNDEL RESTAURANT**  
Evening

### **CONFERENCE DINNER AT GUNDEL RESTAURANT**

19:00 - 23:00



**Enjoy an elegant networking evening in the historic Gundel Restaurant.**

Hungary's most famous and only Hungaricum restaurant is must-see, the most famous and bucket-list place in Budapest and Hungarian gastronomy!

The almost 130-year-old Gundel Palace, with its rococo atmosphere and gold stuccoed Queen Elisabeth Ballroom, is one of the unique jewels of Budapest.

It is a venue for elegant balls, parties, receptions and weddings, where the historical past and 21st century technology are both present.

The perfect location for the IFBF conference dinner!



# DAY TWO

## WEDNESDAY 17 JUNE

09:00 - 17:00

INTERCONTINENTAL HOTEL  
Morning and Afternoon

### UPDATES ON TECHNICAL AND COMMERCIAL DEVELOPMENT

- The latest developments in vanadium flow battery technology, including high performance flow battery stacks and updates on existing R&D programmes and the 2MW 20 MWh test facility
- Reducing environmental impacts via liquid-to-liquid recycling of vanadium flow batteries.
- Microemulsion electrolytes and real-time materials aging.
- Other inorganic systems presentations, including zinc-manganese flow batteries, hybrid all-iron redox flow batteries, hybrid soluble lead flow and lithium-ion battery systems, and Fe-V RFB demonstrations .

### ORGANIC SYSTEMS AND OTHER TOPICS

- Presentations on molecularly engineered phenazine anolyte, on phosphonate modified tempo catholytes, and scaling flow batteries from lab to commercial manufacturing .
- Additional talks on tubular flow battery stacks, hybrid systems with hydrogen, and poster sessions including new aqueous flow batteries and in situ characterization.

### POSTER SPEED PITCH “JUST A MINUTE!”

As a prelude to the IFBF Poster session, invited poster presenters will talk for “just a minute” about their work. Listen to their pitches as you hear about the latest research and new ideas in the industry before the poster and exhibition networking session.

### IFBF POSTER SESSION AND NETWORKING RECEPTION

17:00 - 19:00

Our popular IFBF poster session is back! We will be featuring 50 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:



IFBF 2026

# DAY THREE

THURSDAY 18 JUNE

09:00 - 14:00

## INTERCONTINENTAL HOTEL Morning

### MANUFACTURING AND BUSINESS OPPORTUNITIES

- Bridging the gap between academic programmes, national and international R&D support and industry
- Other topics include reliability in scaling, cost and lifetime lessons, as well as unusual flow battery applications including scalable flow battery installations for urban transport terminals.
- Leading international experts discussing current and future business opportunities
- Route to mass production and deployment.

### CONFERENCE CLOSING SUMMARY AND PRESENTATION OF AWARDS

- Summary of the proceedings and announcement of 2027 edition
- Presentation of awards for the poster session



## SITE VISIT Afternoon

### LOCAL SITE VISIT - VESZPRÉM

14:00 - 18:00

Around 100 delegates will have the chance to attend the site visit in the site of Veszprém on Thursday 18 June 2026 afternoon.

Veszprém is a 9 VS3, 2MWh system connected to a solar array. The technology is provided by Invinity Energy Systems and installed by Ideona.

Photo courtesy of Invinity Energy System.



# THE VENUE

**Address:** Budapest Apaczai Csere J.U, 12-14, 1052 Hungary

**Telephone:** +36 1 327 6333

**Website:** <https://www.budapest.intercontinental.com>

## INTERCONTINENTAL HOTEL

The InterContinental Budapest is located in the very centre of Budapest, directly on the banks of the Danube and within short walking distance of the city's main landmarks, including the Chain Bridge and the historic castle district. Its position combines a central, easily accessible setting with open, uninterrupted views over the river and the city skyline.

The hotel offers the largest ballroom in Budapest, providing a spacious and modern environment for large-scale events. The design of the spaces is contemporary and functional, with natural light, high ceilings, and a clear layout that allows plenary sessions, exhibition areas and networking to coexist within a single, cohesive setting.

Beyond the event space, the hotel offers a range of high-quality services designed to support both organisers and participants. The on-site restaurant serves a selection of Hungarian and European cuisine, combining local flavours with international standards, and ensuring high-level catering throughout the event.

A key feature of the property is its riverside terrace, which opens directly onto the Danube and provides panoramic views of Budapest's most iconic sights. This outdoor space - which will host the IFBF Networking Reception on Day 2 - offers a natural extension of the indoor areas, creating a relaxed setting for breaks, informal discussions and evening networking moments.

Overall, the InterContinental Budapest combines a prime location, large-scale event capacity and modern hospitality standards, making it a the perfect venue for an international conference like the International Flow Battery Forum.

## PREFERENTIAL RATE FOR ACCOMMODATION

A preferential rate for accommodation is available to IFBF delegates! The rooms are classic double rooms with a normal view (EUR 215 per night) or river view (EUR 265 per night). The preferential rate is available for rooms reserved from Sunday 14 to Friday 19 June. Availability is limited.

Book your room here: <https://book.passkey.com/event/51200817/owner/10616176/home>



# FLOORPLAN

**S P O N S O R S**

**Platinum**  
cellcube  
QUINO ENERGY WONTAI power

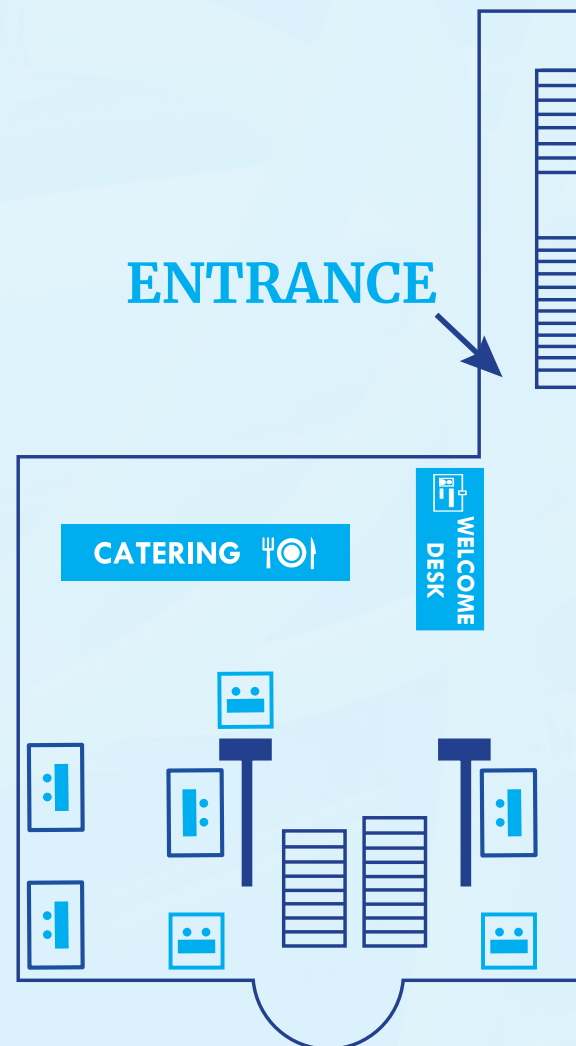
**Gold**  
JNTG RKP

**Silver**  
AMG TITANIUM GFE InoHub Energy H<sub>2</sub> volterion

**Poster Session**  
inflow energy storage

## EXHIBITORS

- AMG TITANIUM
- BIOLOGIC
- FLOW BATTERIES EUROPE
- FLUX-GERÄTE
- FUMATECH
- JNTG
- INOHUB ENERGY
- NEWARE
- OMNI COMPOSITE TANK
- QUINO ENERGY
- PINFLOW
- REDOX FLOW
- STORION ENERGY
- VANEVO
- VOLTERION
- WEVO
- WHITECELL EISENHUTH
- WONTAI POWER
- ZH ENERGY

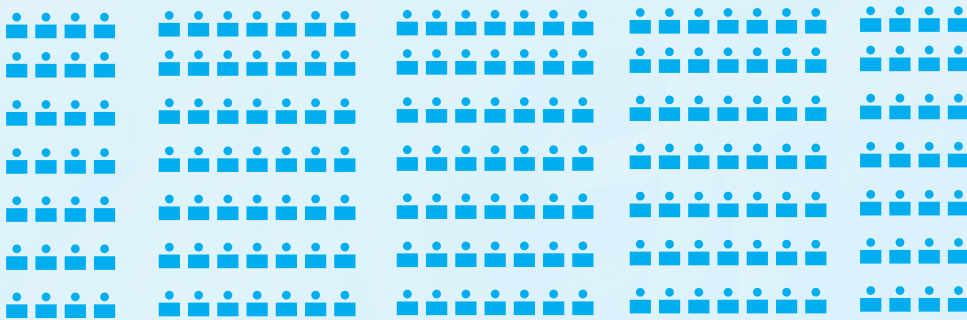


# EXHIBITORS



## CONFERENCE THEATRE

### STAGE



### CATERING



POSTER AREA 1

EXHIBITION AREA

POSTER AREA 2

6 sq-metres  4 sq-metres

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

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