



BATTERY ASSOCIATES

BATTERYMBA

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Open to all battery enthusiasts

www.battery.mba

BatteryMBA is not a Master's in Business Administration.



Join B.A as
a 'Company
Member' to
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discounts!

WHY CHOOSE THIS COURSE

Online, bespoke, and impactful: BatteryMBA is a global training course for aspiring battery experts who want to (1) understand pressing issues in the battery space; (2) increase their technical and market-driven knowledge of battery-relevant topics; and (3) grow their network of battery experts. Our 12-week online programme combines **live online lectures, networking events** with battery specialists, access to **past lecture recordings, small group discussions, presentations**, and battery-focused **case study analyses**.

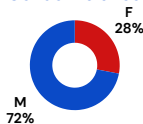
Quality instructors: Lecturers have experience in leading industry names like Tesla, SVOLT, QuantumScape, Octopus EV, Fluence, Hitachi Energy, AVL, AMTE Power, Glencore, CNRS, Iberdrola, University of Oxford, and others. Their expertise span both research and industry-focused sectors, and Q&A sessions guarantee networking opportunities with all lecturers.

Global, trusted, and certified: Our 590+ alumni are based in 50+ countries in 5 continents and our network is continuously growing. The course is certified by UK CPD Certification Service

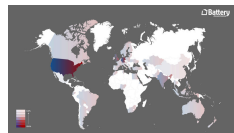
Visit: <https://cpduk.co.uk>



Gender Balance



25.1% Founders, CxOs, Directors
35.9% Battery experts, engineers,
technical managers
10.5% Students, PhD or Interns
28.5% Business & managerial
(sales, strategy, etc...)



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WHAT WE OFFER

'Meet The Leader' lectures:

The programme includes 12 live sessions, including 10 live lectures and 1 roundtable with industry leaders. All sessions include Q&A.

Weekly Office Hours:

Join weekly discussions on battery topics, with presentations from BatteryMBA participants, moderated by Dr. Simon Engelke and his team.

Access to past lectures:

Admission in the programme includes access to a library of 120+ hours of past lecture recordings (see lecture topics below).

Case Study Track & other optionals:

Participants can choose a number of optional add-ons, including: joining the Case Study Track, share a presentation and writing a Blog..

Lifetime alumni network:

We developed BatteryMBA with a focus on building a global network of battery professionals. Our 590+ alumni are based in 50+ countries.



Accessible & Flexible:

The programme is catered to full-time professionals and advanced students alike. Our schedule is compatible with full-time employees, with a flexible weekly commitment of approximately 2-3 hours. Live lectures are recorded for participants who can't access live sessions.

PROGRAMME OVERVIEW

- Duration: 12 weeks
- 3 live sessions per week
- Case Study analyses
- **3 cohorts a year:**
 - January - March
 - May - July
 - September - November

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COURSE STRUCTURE

Session	Session details	Schedule
Introduction & Networking session	Introductory session followed by networking activities for all participants	Monday 6PM CET (first Monday of the programme)
'Meet the Leader' Live lectures	10 live lectures followed with Q&A with industry leaders	Mondays 6PM CET
Office Hour 1	Weekly discussions, presentations, and case study presentations by BatteryMBA participants	Thursdays 6PM at CET
Office Hour 2	Weekly discussions, presentations, and case study presentations by BatteryMBA participants	Fridays 10AM CET
Career Session	Live session with career or recruitment specialists	Mid term
Networking Sessions	Networking events with all BatteryMBA alumni	Two live sessions
Roundtable Discussion	Debate and discussion with leading battery and energy experts in an interactive format	Monday 6PM CET (last Monday of the programme)
Graduation Event	Certificate ceremony and overview of programme takeaways	Saturday 6PM CET (Programme end date)

*All times are in CET (Central European Time)

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OPTIONAL CASE STUDY TRACK

In 2022, BatteryMBA launched an optional case study track available to all BatteryMBA participants. Joining the case study track is optional, and represents an additional **4 meetings Wednesday 5 pm CET and individual & group work** (approx. 2 hrs per week, or 15–25 hrs over 12 weeks).

Case Study track Objectives: Using the case study methodology, participants review several cases before joining a team of 2–5 people to write and present their own case study.

Session	Session details	Schedule
Introductory meeting	Session objectives: <ul style="list-style-type: none"> - Present case study track timeline - Present cases analysed in meetings 2 & 3 - Explore topics of synergies & interest for group work 	Week 1
2nd meeting	Case study 1: discussion & analysis HBS case analysis [2 hr individual prep time and 1 hr case study session]	Week 2
3rd meeting	Case study 2: discussion & analysis BATTERY ASSOCIATES case analysis [2 hr individual prep time and 1 hr case study session]	Week 3
Case Study Writing Prep	Session objectives: What makes a good case study & group work? Case work review.	Week 4
Additional meetings Independent & Group Work	Preparatory meetings; independent & group work [2–3 hours per week for 5 weeks; approx. 10–15 hrs total]	Week 5–10
Case study presentations	Presentation of group case studies during office hours	Week 11–12

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PREVIOUS LECTURES (ACCESSIBLE TO ALL)

SEPTEMBER – NOVEMBER 2024

Lecture topic

Lecturer

Lithium Ion Batteries – Where do the Metals in These Batteries Come From?

Lester Kemp
Chief Operating Officer
at Technology Minerals Plc



Building a Sustainable Battery Value Chain with Battery Passport

Anna Zhuravleva & Antonia Roehm
Project Director & Development
Manager at RCS Global Group



Li-ion batteries: Fundamentals and Beyond

Dr. Juho Heiska
R&D Manager at SeAMK
Former Principal Lecturer at VMAK



Biomass-derived LIB Anode Graphite and Synthetic Graphite Latest Trends

Dr. Shantanu Mitra
CEO and Founder
of Farad Power



The Critical Role of Testing in Battery Development

Dr. Dhevathi Rajan
Research Scientist at
UL Research Institutes



Battery Cell Manufacturing Latest Trends

JR Mueller Klein
Battery Manufacturing Engineer,
Gigafactory Process Controls at
Honeywell



High Performance Battery Integration & EV Charging Systems Deployment

Stephanie Medeiros
VP & GM of EV North America
at CAFU



Latest Trends in Securing Investment in BESS Projects

Mark Mirek
Senior Managing Director – Energy
Brokerage at Brown & Brown



Battery IP & European Battery Patent Opposition Trends

Callum McGuinn
European Patent Attorney at
Mewburn Ellis LLP



Battery circularity and End-of-life uncertainties

Pramoda Gode & Dr. Maarten Dubois
PM at Global Battery Alliance &
Director Sustainability at Deloitte



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PREVIOUS LECTURES (ACCESSIBLE TO ALL)

MAY – JULY 2024

Lecture topic

Lecturer

Battery Market Trends and Critical Minerals

Nina Neubauer
Senior Consultant at Deloitte



Managing ESG risks and impacts in the battery supply chain

Vicente Vicuña
Project Director at RCS Global



Battery Cell Design + Li-Sulfur batteries

Dr. Abdul-Rahman Raji
CTO at Zeta Energy Corporation



Aerospace Application Batteries and Alternative Batteries Sodium-ion & LIAB

Dr. Michelle Lynch
Founder & CEO Enabled Future Limited



Enabling battery quality at scale with computed tomography scanning

Dr. Peter Attia
Cofounder and CTO, Glimpse



Battery Manufacturing Steps, Challenges and Latest trends

Aditya Prasad
Former Battery Manufacturing Rivian&Tesla&Apple



Prediction of cell life and aging in virtual environment

Luke Hu
Co-Founder & CEO Electroder



Battery Recycling Solutions

Lukas Brandl
COO at BLC The Battery Lifecycle Company



Practical Considerations for Battery Management Systems (BMS)

Raafe Khan
Global Director at Visteon Corporation



The Nordic Battery Value Chain

Jessica Olsson
Head of Energy & Transport Europe



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PREVIOUS LECTURES (ACCESSIBLE TO ALL)

JANUARY – MARCH 2024

Lecture topic

Lecturer

Trends in Battery Raw Materials Supply Chains

Alex Laugharne
Principal Consultant at CRU



Critical Raw Materials in the EU for EV Batteries

Miguel J. Galindo
CEO Galesk Consultancy SLU, former
General Manager EMEA Rio Tinto



Battery Cell Design

Dr. Johannes Wandt
Battery Cell Technology at BMW Group
& Associate Professor UiA (Norway)



Lithium, Batteries and Action.
The Solid State Battery

Prof. Dr. Jennifer Rupp
Professor at TUM, Associate Professor
at MIT



Drivers in Battery Cell Production

Chris Taylor
Director Operations at 24M
Technologies



Battery Integration 101

Murray Schofield
Co-Founder of Raeon, former Head of
Battery Products Arrival



Unlock the full potential of batteries by
Predictive Analytics

Dr. Georg Angenendt
CTO & Co-Founder at ACCURE Battery
Intelligence



Battery Energy Storage Solutions

Raaf Khan
Global Director at Visteon Corporation



Battery Logistics Aftermarket

Achim Glass
SVP Global Head of Business Dev
Automotive + New Mobility, at Kuehne
+ Nagel



Battery Policy Manager and Investment

Ilka von Dalwigk
Policy Manager at InnoEnergy



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PREVIOUS LECTURES (ACCESSIBLE TO ALL)

SEPTEMBER – DECEMBER 2023

Lecture topic

Lecturer

Battery Market Trends

Dr. Nathan Niese
Partner & Associate Director at Boston Consulting Group



Battery Cell Design Improvements

Dr. Israel Temprano
Senior Research Associate at University of Cambridge



The journey to Decarbonisation: Biomining a Clean-Tech Solution

Dr. Homayoun Fathollahzadeh
Senior Research Fellow – Critical Minerals Consultant



Battery Anode Production and Innovation

Dr. Heinrich Badenhorst
CSO at CarbonScape Ltd.



Innovations in Cell Manufacturing Quality Management

Alicja Gos & Nicolina Nanni
Senior Engineer & Head of Product at Liminal



Battery Integration & BMS

Dr. Bahareh Yazdani & Gary Bumfrey
Global Head of Batteries & Ppal Engineer at Ricardo PLC



Challenges and the Strategy Going Forward for the Battery Industry

Lee Byung Kon
Manager, Business Dev, Cylindrical Batteries at LG Energy Solution



Maritime Leisure Electrification Vessel

Carlos Freire
Marine Batteries and Onboard Electronics | Management



Battery Recycling: A Key Enabler for Sustainable Electric Mobility

Benedicte Robertz & Dr. Bart Verrecht
Program lead LCA & Manager Battery Recycling at Umicore



Scaling Investment in Battery Supply Chains

Lauren Pamma
Director at Green Finance Institute



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PREVIOUS LECTURES (ACCESSIBLE TO ALL)

MAY – JULY 2023

Lecture topic

Lecturer

Battery Market Trends

Evelina Stoikou
Senior Associate, Energy Storage at
BloombergNEF



Responsible Sourcing of Cobalt

Susannah McLaren
Head of Responsible Sourcing &
Sustainability at Cobalt Institute



A Deep Dive into Lithium-Ion Battery Cell
Components

Dr. Sheida Isikli
BatteryMBA Course Co-Ordinator &
Battery Expert



The Solid-State Battery, from a Beacon of Hope
to a Game Changer

Dr. Xiaohan Wu
Senior Expert at Porsche Consulting



Factory Planning Beyond Manufacturing

Kathleen Wagner
Interim Manager at Protofo Interim
Performance



BESS Business

John O'Toole
Director of UK Asset Management at
Amp Energy



Batteries in Aerospace

Kush Sutaria
Battery Engineer at Axiom Space



Opportunities and Challenges in Li-Ion Battery
Recycling

Max Hickey
Business Development Manager at Li-
Cycle



EU Policy, Gigafactories and the Critical Raw
Materials Act

Julia Poliscanova
Senior Director, Vehicles & Emobility
at T&E



Investing in Batteries

Yair Shacked
Founder of GIGADAYS



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PREVIOUS LECTURES (ACCESSIBLE TO ALL)

JANUARY – MARCH 2023

Lecture topic

The Lithium-Ion Battery Value Chain & Strategies

Mining and brine extraction for battery minerals – how it works and why it lags behind demand

Life Cycle Analysis:
A Case Study from Cobalt

Future-Proofing Cathode Active Material Manufacturing

Understanding how to build & run battery MegaFactories

Battery integration & BMS & Thermal runaway

Maritime electrification and zero-emissions vessels

Challenges and Opportunities in Lithium-Ion Battery Recycling

Investing and Finance needs for the Battery Sector

How the Energy Transition Moves Our World

Lecturer

Celine Büchel & Theresa Haisch
Consultants at Roland Berger



Tommi Valkonen
Strategy Manager at Sandvik



Tom Fairlie
Senior Sustainability Manager at
Cobalt Institute



Virginia Klausmeier
President & CEO at Sylvatex



Fergal Harrington-Beatty
Head of Sales at AMTE Power



Wenzel Prohaska
Senior Product Manager Battery
Systems at AVL



Carlos Freire
Marine Battery Expert & Senior
Onboard Electronics Consultant



Dr. Mark Strauss
Research & Development Chemical
Engineer at Aqua Metals



Ian Laurent
Managing Technical Director at
BNP Paribas



Gerard Reid
Co-Founder and Partner at Alexa
Capital



PREVIOUS LECTURES (ACCESSIBLE TO ALL)

SEPTEMBER - DECEMBER 2022

Lecture topic

Lithium-Ion (EV) battery market and supply chain

U.S. Battery Programs, Policies, and Funding Opportunities

Lithium-ion Battery Cell, Module & pack design for integration

Using advanced techniques to investigate batteries during cycling

Sodium-Ion battery cells

Insights into High Performance Battery Systems

Battery Energy Storage System (BESS) and Net Zero Electricity

Battery manufacturing pilot plant from real to digital space

Battery Recycling: Recovery of Critical Energy Materials

Tracking the disruptive battery industry and its opportunities for Europe

Lecturer

Dr. Wolfgang Bernhart
Senior Partner at Roland Berger



Emma Bishop
Assistant Vice President at Venn Strategies



Wenzel Prochazka
Senior Product Manager Battery Systems at AVL



Dr. Claire Villevieille
Research Director at CNRS



Fergal Harrington-Beatty
Head of Sales at AMTE Power



Wasim Sarwar Dilov
Head of Research and Advanced Engineering at Rimac Automobili



Patricia Darez
Managing Director at 350Renewables



Dr. Elixabete Ayerbe Olano
Team Leader at CIDETEC Energy Storage



Teija Mortvedt
Former Chemical Process Engineer at Tesla



Evan Horetsky
Partner at McKinsey & Company



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PREVIOUS LECTURES (ACCESSIBLE TO ALL)

MAY - JULY 2022

Lecture topic

Common Misconceptions about Batteries - Reloaded

Responsible cobalt sourcing

How to set up a battery factory

High Power Cells

2nd life batteries

Battery Packs - Flexible Manufacturing

Solid-state lithium-metal batteries

European battery policy: how regulation can make EU leader in green batteries

V2G Charging Infrastructure

Battery Investments in the New Economic Cycle

Lecturer

Claudius Jehle
CEO at volytica diagnostic



Anne-Marie Fleury
Director Cobalt at Glencore



Nemanja Mikac
CEO at ElevenEs



Fergal Harrington-Beatty
Head of EVs at AMTE Power



Jon Asin
Co-founder & CEO BeePlanet



Hakan T. Yilmaz
Manager Business Development - E-Mobility Europe Manager at ABB



Dr. Jordi Sastre
Senior Battery Engineer at QuantumScape



Julia Poliscanova
eMobility lead at Transport & Environment



Claire Miller
Director of Technology & Innovation
Director at OctopusEV



Katherine He
Co-founder Battery Bits - Energy investment at TDK Ventures



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PREVIOUS LECTURES (ACCESSIBLE TO ALL)

JANUARY – MARCH 2022

Lecture topic

What is behind falling battery prices and can this continue?

Stationary Batteries

Battery Data and Diagnostics (Machine Learning)

Battery Policy and Battery Passport

Cells to pack, and back

Green battery cell manufacturing

Lithium-mining and sustainability

Battery and the innovation ecosystem in the UK

Common misconceptions around batteries

The Future of Energy

Lecturer

Dr. James Frith
Principal at Volta Energy Technologies



Dr. Maggie Teliska
Innovation at Enel Green Power



Prof. Dr. David Howey
Professor of Engineering Science at the University of Oxford



Tilmann Vahle
Co-Lead Mobility Platform at SYSTEMIQ Ltd.



Dr. Joachim Döhner
Senior Director of Global Sales at KUKA systems GmbH



Dr. Katja Fröhlich
Senior Research Engineer at AIT (Austrian Institute of Technology)



Jeremy Wrathall & Dr. Rebecca Paisley
CEO & Exploration Geochemist at Cornish Lithium Ltd



Jacqui Murray
Director of the Battery Faraday Challenge at Innovate UK



Claudius Jehle
Co-founder and CEO at volyrica diagnostics



Gerard Reid
Co-founder at Alexa Capital



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PREVIOUS LECTURES (ACCESSIBLE TO ALL)

SEPTEMBER – DECEMBER 2021

Lecture topic

Lecturer

Battery usage in electric vehicles

Lisset Urrutia
Head of Research & Development at
SVOLT Europe



Green Batteries through Computational Life
Cycle Engineering

Felipe Cerdas
Head of Research Department Life
Cycle Engineering at Technische
Universität Braunschweig



Lithium Ion Battery Anode Technology

Jill Pestana
Director of Technical Program
Management at Electric Goddess



Towards an electrified and sustainable future:
Overview of Lithium Ion Battery Cathode
Materials

Christian Rüdiger
Director of Strategic Partnerships &
Government Affairs at Johnson
Matthey



Mass Customisation: How energy storage
deployments will scale 100K in the space of 20
years

Dr. Marek Kubik
Managing Director at Fluence Energy



Studying battery behaviour using
Electrochemical Impedance Spectroscopy

Mariam Awara
COO at Pulsenics



Helping manufacturers to achieve net-zero

Douglas Poensgen
Co-founder & CEO at Circulor



Energy storage technologies in the power
system

Pilar Gonzalez
Innovation Manager at Iberdrola
Venture Capital



Battery Giga Manufacturing

Claudia Massei
CEO Siemens Oman



Battery Industrialisation – How to setup a
battery cell production

Benedikt Konersmann
Team Lead E-Mobility
Industrialisation at P3



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PREVIOUS LECTURES (ACCESSIBLE TO ALL)

MAY – JULY 2021

Lecture topic

Lecturer

Customising Li-ion cells from the first materials tests to series production

Matthias Fesser
Business Development Manager at Customcells



The Critical Role of Storage in our World – key questions and discussion points

Gerard Reid
Co-founder at Alexa capital



Batteries from scratch – Understanding lithium ion batteries from the materials up

Prof. Dr. Sam Cooper
Senior Lecturer at Imperial College London



SOH – Li-Ion-Battery Basics, A non-chemist application-centered

Claudius Jehle
Managing Director / CEO at volytica diagnostics



Electrical interconnection and energy storage as key technologies for enabling the future energy system

Gerhard Salge
CTO Hitachi ABB Power Grids



Hot N Cold Batteries – Overview of battery thermal management system's designs and concepts

Katherine Kan
Co-Founder Rovilus



Batteries for Energy Access

Dr. Harini Hewa Dewage
Energy Storage & Off-Grid Sector Consultant



End-of-life management of lithium-ion batteries today and in the future

Hans Eric Melin
Managing Director at Circular Energy Storage



Digital Twin in Battery Manufacturing

Claudia Vergueiro Massei
CEO of Siemens Oman



Battery and Energy Storage Safety Codes and Standards

Ryan Franks
Senior Mechanical Engineer for Battery Reliability Testing & Industrial Acceptance at Pacific Northwest National Laboratory



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PREVIOUS LECTURES (ACCESSIBLE TO ALL)

JANUARY - MARCH 2021

Lecture topic

Lecturer

Cleantech finance: "*Who wants a faster horse?*"
Living in an age of disruption

Gerard Reid
Co-founder at Alexa capital



Customizing Lithium-Ion Cells - From The First
Material Tests to Series Production

Matthias Fesser
Business Development Manager at
Customcells



Li-Ion Battery Basics: A non-chemist
application-centered approach

Claudius Jehle
Managing Director / CEO
at volytica diagnostics



Why you need to write a Battery Biography

Veronika Wright
Electrified Veronika (formerly AVL)



Battery End-Of-Life Management and Policies

Bhavya Jha
EU Battery Directive Specialist



Factory line performance and precision
engineering

Mariano Sydney Rubio
Former Automobile Engineer at SEAT



Data and optimisation in manufacturing

Marc Jensen
Product Director at Decoded



Energy storage: a key enabler for the energy
transition

Maxine Ghavi
Head of Grid Edge Solutions
at Hitachi ABB Power Grids



Electric Mobility: Strategic Perspectives on
Batteries

Srinath Rengarajan
Global Head of Automotive Research
at Oliver Wyman



Career transition in the energy storage sector

Claudia Vergueiro Massei
CEO of Siemens Oman



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WHO IS THIS PROGRAMME FOR

This programme is open to all battery enthusiasts with some level of battery knowledge and a motivation to evolve in their career. The programme is fit for full-time professionals.

HOW TO APPLY

- 1) Visit www.battery.mba/enroll and fill out our simple form.
- 2) Await to be contacted for an interview.

Applications are being reviewed on a rolling basis.

PROGRAMME COST

The course fee for the 12-week programme is **2000€ per person**. The fee can be paid in 4 instalments of 500€.

A 20% discount is available for companies and organisations who become company members of Battery Associates.

SCHOLARSHIP

Need-based scholarships for individuals with limited financial means and backgrounds that are underrepresented in the battery sector are available. Learn more at: www.battery.mba/enroll

ABOUT US

Battery Associates is an impact-led company working towards sustainable battery innovation. In 2021, we launched **BatteryMBA** to offer a sector-specific training for the next generation of battery leaders worldwide. To learn more, visit us at:

www.battery.associates & www.battery.mba



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TESTIMONIALS

Hear what our participants have to say about BatteryMBA:



"A highlight of the BatteryMBA is the high participation of women. If we want the battery industry to thrive, (...) we need a diverse group of future leaders."

Paula, BatteryMBA participant

"Being able to talk to various people, like scientists, consultants, people from the investment side, data, analytics (...), you get a broader understanding of the dynamics that control the battery industry."

Crystal, BatteryMBA participant



"I would recommend this programme both to those who are new and trying to get into this battery field, and to somebody who has been in this field for 20 years."

Anurag, BatteryMBA participant

"These 3 months together have allowed me to expand my knowledge about the EV battery sector. As someone who entered the course with a limited foundation regarding the battery space, this course challenged me to expand my proficiency in battery manufacturing, recycling (...)."

Alan, BatteryMBA participant



Watch our [testimonial video](#) and [read what others have to say!](#)

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TESTIMONIALS

Hear what our participants have to say about BatteryMBA:



"Hearing lectures from well-noted Battery Professionals both from the academia and the industry have opened my eyes to the possibility of running and playing my own game with confidence. Experts from different battery industries and energy sectors were gathered to make the program very informative and interactive."

Rose-Marie, BatteryMBA participant

Based on reviews received from participants:

95%



**Would recommend
BatteryMBA to others**

9/10



**Overall
satisfaction
rate**

99%



**Said BatteryMBA met
or exceeded their
expectations**

Watch our [testimonial video](#) and [read what others have to say!](#)

JOIN BATTERYMBA TODAY



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