



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
enjoy special
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 270+ alumni are based in 40 countries in 5 continents and our network is continuously growing. The course is certified by UK CPD Certification Service, and we are proud to see that 98% of alumni recommend this course.

Visit: <https://cpduk.co.uk> to learn more about our UK accreditation.



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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 70+ 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 and writing a Whitepaper.

Lifetime alumni network:

We developed BatteryMBA with a focus on building a global network of battery professionals. Our 270+ alumni are based in 40 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 - December

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COURSE STRUCTURE

Session	Session details	Schedule
Introduction & Networking session	Introductory session followed by networking activities for all participants	Monday at 6PM (first Monday of the programme)
'Meet the Leader' Live lectures	10 live lectures followed with Q&A with industry leaders	Mondays at 6PM
Office Hour 1	Weekly discussions, presentations, and case study presentations by BatteryMBA participants	Thursdays at 6PM
Office Hour 2	Weekly discussions, presentations, and case study presentations by BatteryMBA participants	Fridays at 10AM
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 at 6PM (last Monday of the programme)
Graduation Event	Certificate ceremony and overview of programme takeaways	Saturday at 6pm (Programme end date)

*All times are in CET

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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 4-5 meetings 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 2-4 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 2
2nd meeting	Case study 1: discussion & analysis HBS case analysis [2 hr individual prep time and 1 hr case study session]	Week 3
3rd meeting	Case study 2: discussion & analysis INSEAD case analysis [2 hr individual prep time and 1 hr case study session]	Week 4
Case Study Writing Prep	Session objectives: What makes a good case study & group work? Case work review.	Week 5
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 10-12

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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



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



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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

Wolfgang Bernhart
Senior Partner at Roland Berger



Emma Bishop
Assistant Vice President at Venn Strategies



Wenzel Prochazka
Senior Product Manager Battery Systems at AVL



Claire Villeveille
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



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 volyrica 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



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

James Frith
Principal at Volta Energy
Technologies



Maggie Teliska
Innovation at Enel Green Power



David Howey
Professor of Engineering Science
at the University of Oxford



Tilmann Vahle
Co-Lead Mobility Platform at
SYSTEMIQ Ltd.



Joachim Döhner
Senior Director of Global Sales at
KUKA systems GmbH



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



Jeremy Wrathall, CEO at Cornish
Lithium Ltd
Rebecca Paisley, Exploration
Geochemist at Cornish Lithium Ltd



Jacqui Murray
Director of the Battery Faraday
Challenge at Innovate UK



Claudius Jehle
Co-founder and CEO at volytica
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

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

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

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

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

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

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

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

Batteries for Energy Access

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

Digital Twin in Battery Manufacturing

Battery and Energy Storage Safety Codes and Standards

Lecturer

Matthias Fesser
Business Development Manager
at Customcells



Gerard Reid
Co-founder at Alexa capital



Sam Cooper
Senior Lecturer at Imperial
College London



Claudius Jehle
Managing Director / CEO
at voltyca diagnostics



Gerhard Salge
CTO Hitachi ABB Power Grids



Katherine Kan
Co-Founder Rovilus



Harini Hewa Dewage
Energy Storage & Off-Grid Sector
Consultant



Hans Eric Melin
Managing Director at Circular
Energy Storage



Claudia Vergueiro Massei
CEO Siemens Oman



Ryan Franks
Senior Mechanical Engineer for Battery
Reliability Testing and 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 volyrica 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 at Siemens Oman



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

Battery Associates

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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:

98%



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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