

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 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



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...)



The CPD Certification

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 options:

Participants can choose a number of free optional add-ons, including: joining the case study track, share a presentation and/or write 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

BATTERYMBA 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
Mentorship Program	Connect like-minded people & support the career path.	Two meetings
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)

BATTERYMBA 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 hours per week, or 15–25 hours 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: - 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

^{*}All times are in CET Central European Time

UPCOMING LECTURES JANUARY - APRIL 2025

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Lecturer

Battery Market Trends

Dr. Nicolò Campagnol Director (Senior Asset Leader) at McKinsey & Company



Nickel Latest Developments and Key Challenges

Meidy Katrin Lengkey Secretary General at Indonesian Nickel Miners Association



Battery Cell Design

Dr. Yinghui Yin
Process Modeling Team Leader
at Saft



Key Trends in Battery Cell Production Technology Sebastian Wolf
Chief Operating Officer
of PowerCo SE



Dry Rooms Latest Developments

Nicole Neub Director Business Unit Battery Technology at Exyte



Battery Electrolytes Latest Developments

Ciprian Gabel
International Business Director
at TINCI MATERIALS



BESS Integration + FAT

Arthur Claire
Director of Technology
at Sinovoltaics



Battery Performance & Safety Testing

Andreas Hauser

Manager, A*STAR Battery Test Facility

Advanced Remanufacturing &

Technology Centre (ARTC)



Recycling Latest Developments

Nils Steinbrecher Managing Director at TES Sustainable Battery Solutions GmbH



BESS Application & Business

Gerard Reid Co-Founder and Co-Host of Redefining Energy and Co-Founder of Alexa Capital



Disclaimer: Lecturers & lecture topics can be subject to change

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



PREVIOUS LECTURES (ACCESSIBLE TO ALL) MAY - JULY 2024

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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



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 Grou & 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 Batters



Battery Energy Storage Solutions

Raafe Khan Global Director at Visteon Corporation

Intelligence



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



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



PREVIOUS LECTURES (ACCESSIBLE TO ALL) MAY – JULY 2023

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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 Protafo 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 LiCycle



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



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-lon (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



PREVIOUS LECTURES (ACCESSIBLE TO ALL) MAY – JULY 2022

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Common Misconceptions about Batteries -Reloaded Lecturer

Claudius Jehle
CEO at volytica diagnostic



Responsible cobalt sourcing

Anne-Marie Fleury
Director Cobalt at Glencore



How to set up a battery factory

Nemanja Mikac CEO at ElevenEs



High Power Cells

Fergal Harrington-Beatty Head of EVs at AMTE Power



2nd life batteries

Jon Asin



Battery Packs - Flexible Manufacturing

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



Solid-state lithium-metal batteries

Dr. Jordi Sastre Senior Battery Engineer at QuantumScape



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

Julia Poliscanova
eMobility lead at Transport &
Environment



V2G Charging Infrastructure

Claire Miller
Director of Technology & Innovation
Director at OctopusEV



Battery Investments in the New Economic Cycle

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



PREVIOUS LECTURES (ACCESSIBLE TO ALL) JANUARY - MARCH 2022

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this continue?

What is behind falling battery prices and can

Lecturer

Dr. James Frith
Principal at Volta Energy Technologies



Stationary Batteries

Dr. Maggie Teliska Innovation at Enel Green Power



Battery Data and Diagnostics (Machine Learning)

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



Battery Policy and Battery Passport

Tilmann Vahle
Co-Lead Mobility Platform at
SYSTEMIQ Ltd.



Cells to pack, and back

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



Green battery cell manufacturing

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



Lithium-mining and sustainability

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



Battery and the innovation ecosystem in the UK

Jacqui Murray
Director of the Battery Faraday
Challenge at Innovate UK



Common misconceptions around batteries

Claudius Jehle
Co-founder and CEO at volytica
diagnostics



The Future of Energy

Gerard Reid
Co-founder at Alexa Capital



PREVIOUS LECTURES (ACCESSIBLE TO ALL) SEPTEMBER - DECEMBER 2021

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Lecturer

Battery usage in electric vehicles

Lisset Urrutia Head of Research & Development at **SVOLT Europe**



Green Batteries through Computational Life Cycle Engineering

Lithium Ion Battery Anode Technology

Towards an electrified and sustainable future:

Overview of Lithium Ion Battery Cathode

Materials

Mass Customisation: How energy storage

deployments will scale 100K in the space of 20

vears

Felipe Cerdas Head of Research Department Life Cycle Engineering at Technische

Universität Braunschweig Jill Pestana



Director of Technical Program



Management at Electric Goddess

Christian Rüdiger



Director of Strategic Partnerships & Government Affairs at Johnson Matthey





Studying battery behaviour using **Electrochemical Impedance Spectroscopy**

Mariam Awara COO at Pulsenics



Douglas Poensgen Co-founder & CEO at Circulor



Helping manufacturers to achieve net-zero

Pilar Gonzalez



Innovation Manager at Iberdrola **Venture Capital**



Battery Giga Manufacturing

Energy storage technologies in the power

system

Claudia Massei **CEO Siemens Oman**



Battery Industrialisation - How to setup a battery cell production

Benedikt Konersmann



Team Lead E-Mobility Industrialisation at P3

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



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



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

Batteries for Energy Access

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

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-lon 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**



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 payed 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



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, recyling (...)."



Alan, BatteryMBA participant

Watch our testimonial video and read what others have to say!

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% ★

9/10 ★★★★ 99%

Would recommend BatteryMBA to others Overall satisfaction rate Said BatteryMBA met or exceeded their expectations

Watch our testimonial video and read what others have to say!

JOIN BATTERYMBA TODAY!



www.battery.mba
BatteryMBA is not a Master's in Business Administration.