



ELECTRIC VEHICLE INNOVATION SUMMIT

📅 29-31 MAY 2023 | 📍 ADNEC, ABU DHABI

DAY 1

OPEN TECH SESSIONS AGENDA

29, 30 & 31 MAY 2023

EXHIBITION HALL 4

14:00- 14:30

Presentation: Powertrain Options for Electric Vehicles

This presentation will provide an overview of the different powertrain options available for electric vehicles, including internal combustion engines, hybrid systems, and pure electric systems. The presentation will cover the benefits and limitations of each option, as well as current trends and future prospects.

14:30- 15:00

Presentation: Business Models for Electric Fleet Management

This presentation will explore the various business models for managing electric vehicle fleets, including ownership, leasing, and subscription models. The presentation will also discuss the benefits and challenges of each model, as well as strategies for optimizing the use of EVs in fleet operations.

15:00- 15:30

Presentation: Battery Technology for Electric Vehicles

This presentation will provide an overview of the current state of battery technology for electric vehicles, including key performance characteristics and trends in battery chemistry and design. The presentation will also cover the challenges and opportunities for improving battery performance and reducing costs.

15:30- 16:00

Presentation: The Role of Renewable Energy in Electric Mobility

This presentation will examine the role of renewable energy in powering electric vehicles, including the potential for using EVs to store and discharge excess renewable energy. The presentation will also discuss strategies for optimizing the use of renewable energy in EV charging, and the potential benefits and challenges of integrating EVs and renewable energy systems.

END OF DAY 1



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DAY 2

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29, 30 & 31 MAY 2023

EXHIBITION HALL 4

- 10:00- 10:30** **Presentation: The Future of Electric Mobility in Urban Environments**
This presentation will explore the opportunities and challenges for electric mobility in urban environments, including issues such as charging infrastructure deployment, integration with public transportation systems, and the role of EVs in reducing air pollution and congestion. The presentation will also discuss strategies for promoting the adoption of EVs in urban areas.
- 10:30- 11:00** **Presentation: EV Adoption in the Middle East: Challenges and Opportunities**
This presentation will examine the current state of EV adoption in the Middle East region, including key challenges and opportunities for promoting the uptake of electric vehicles. The presentation will also discuss strategies for addressing barriers to adoption, such as infrastructure development and consumer awareness, and for leveraging incentives and policies to support the growth of the EV market.
- 11:00- 11:30** **Presentation: EVs and the Environment: A Life Cycle Analysis**
This presentation will examine the environmental impacts of electric vehicles throughout their life cycle, including issues such as energy use, emissions, and material resource utilization. The presentation will also discuss strategies for minimizing the environmental footprint of EVs, and the potential for electric mobility to contribute to broader sustainability goals.
- 11:30- 12:00** **Presentation: The Future of Electric Mobility in Rural Areas**
This presentation will explore the opportunities and challenges for electric mobility in rural areas, including issues such as charging infrastructure deployment, integration with rural transportation systems, and the role of EVs in reducing air pollution and improving access to transportation. The presentation will also discuss strategies for promoting the adoption of EVs in rural areas.
- 12:00- 13:00** **Panel Discussion: Charging Infrastructure Deployment Strategies**
This panel discussion will examine strategies for deploying EV charging infrastructure in the Middle East, including considerations such as financing models, integration with the electricity grid, and the use of innovative technologies. Panelists will also discuss the challenges and opportunities for expanding charging options in urban and rural areas, and for addressing issues such as standardization and interoperability.
- 13:00- 14:00** **Lunch & Prayer Break**
- 14:00- 15:00** **Panel Discussion: EV Fleet Management: Case Studies**
This panel discussion will feature case studies of electric vehicle fleet management in the Middle East, including examples of successful implementation, as well as challenges and best practices. Panelists will discuss issues such as fleet size and composition, charging infrastructure deployment, and maintenance and repair strategies.



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DAY 2

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EXHIBITION HALL 4

15:00- 15:30

Presentation: EV Battery Supply Chain: Challenges and Opportunities

This presentation will explore the challenges and opportunities associated with the EV battery supply chain, including issues such as sourcing raw materials, manufacturing processes, and recycling and second life options. The presentation will also discuss strategies for improving the sustainability and efficiency of the EV battery supply chain.

15:30- 16:00

Presentation: EVs in Public Transportation: Case Studies

This presentation will feature case studies of the use of electric vehicles in public transportation systems in the Middle East, including examples of successful implementation, as well as challenges and best practices. The presentation will discuss issues such as fleet size and composition, charging infrastructure deployment, and integration with other modes of transportation.

END OF DAY 2



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DAY 3

OPEN TECH SESSIONS AGENDA

29, 30 & 31 MAY 2023

EXHIBITION HALL 4

10:00- 10:30

Presentation: EV Fleet Management: Challenges and Opportunities

This presentation will examine the challenges and opportunities for managing electric vehicle fleets, including issues such as fleet size and composition, charging infrastructure deployment, and maintenance and repair strategies. The presentation will also discuss best practices for optimizing the use of EVs in fleet operations, including the use of innovative business models and technologies.

10:30- 11:00

Presentation: EVs and the Energy Grid: Integration and Optimization

This presentation will explore the challenges and opportunities for integrating electric vehicles with the electricity grid, including issues such as charging infrastructure deployment, energy storage, and demand management. The presentation will also discuss strategies for optimizing the use of EVs in the electricity system, including the use of innovative technologies and business models.

11:00- 12:00

Panel Discussion: EV Battery Recycling and Second Life Options

This panel discussion will focus on the challenges and opportunities for recycling and reusing EV batteries, including issues such as end-of-life management, resource recovery, and second life applications. Panelists will discuss current trends and best practices in EV battery recycling, as well as strategies for improving the sustainability and efficiency of the EV battery supply chain.

12:00- 13:00

Panel Discussion: EV Powertrain Components: Current and Emerging Technologies

This panel discussion will examine the current state and future prospects of EV powertrain components, including issues such as performance characteristics, cost, and sustainability. Panelists will discuss the benefits and limitations of different powertrain options, as well as emerging technologies and approaches for improving the efficiency and performance of electric vehicles.

13:00- 14:00

Lunch & Prayer Break

14:00- 15:00

Panel Discussion: EV Policy and Incentives in the Middle East

This panel discussion will focus on the policies and incentives related to electric vehicles in the Middle East, including current challenges and opportunities for EV adoption. Panelists will discuss strategies for aligning EV policies with broader energy and climate goals, as well as addressing challenges such as infrastructure development and consumer awareness.

15:00- 16:00

Closing Panel Discussion: The Future of Electric Mobility in the Middle East: Challenges and Opportunities

This closing panel discussion will provide an overview of the key challenges and opportunities for the future of electric mobility in the Middle East region. Panelists will discuss issues such as policy and regulatory frameworks, charging infrastructure deployment, battery technology and supply chains, and the role of EVs in meeting broader energy and climate goals. The panel will also consider the potential for electric mobility to drive innovation and economic growth in the region.

END OF DAY 3