

FROST & SULLIVAN

14th Annual

INTELLIGENT MOBILITY SUMMIT

TOWARDS A SUSTAINABLE FUTURE



APAC, MIDDLE EAST,
INDIA & EUROPE

SEPTEMBER 07-08, 2022





The past few years have been extremely challenging for the mobility industry. Stakeholders have struggled with intensifying competition, global economic slowdowns and depressed consumer demand. C.A.S.E.—Connectivity, Autonomous Driving, Mobility Services (including Shared) and Electrification—has unleashed disruption across the ecosystem. The COVID-19 crisis has accelerated this process of transformation, while offering stakeholders the opportunity to reset their future in the direction of sustainable models of innovation-led growth. In keeping with such trends, the theme for Intelligent Mobility 2022 is “Towards Sustainable Future.”

As one of the largest contributors to carbon emissions and with emission levels spiraling at a faster rate than other industries, the need for decarbonization in the mobility industry has never been more urgent. A transition to sustainable, innovation-led models and clean energy practices across the mobility value chain will be critical if countries are to successfully meet their carbon reduction targets, realize their commitments to COP26 and similar climate change initiatives, and push towards the long-term global vision of net-zero emissions by 2050. Reflective of such trends, the theme for 2022 Intelligent Mobility Summit is “Towards a Sustainable Future.”

The mobility industry is currently working towards zero emission vehicles and carbon neutral manufacturing. Long-term roadmaps are embracing a more holistic vision of sustainability that encompasses strategy and solutions, products and processes, and, indeed, entire value chains.

Rising awareness about environmental issues, evolving consumer preferences, and regulatory imperatives are incubating new technology enablers in the form of connected vehicles, autonomous driving, shared mobility and electromobility (C.A.S.E.). Allied with this is the emergence of innovative mobility solutions like ‘mobility-as-a service’ and ‘lifestyle-as-a-service’.

Meanwhile, logistics supply chains are aligning with ‘Innovating to Zero’ and electrification trends. This is yielding both economic and environmental benefits in the form of significantly lowered operating costs, improved time savings, resource optimization, and decreased emissions.

Increasing end-of-life vehicle wastes are compelling the need for greater transparency and accountability in the mobility ecosystem. Circular economy and battery recycling concepts are highlighting how environmentally-friendly reduce, reuse, recover and recycle practices can be powerful tools for sustainable growth and competitive differentiation.

Cutting-edge technologies are anchoring shared mobility modes like car sharing, bike sharing, micro mobility, and peer-to-peer ride sharing. They are creating a foundation for clean and cohesive, smart and safe, affordable and accessible urban mobility.

Advanced connectivity and autonomy technologies are heralding a highly disruptive shift toward software-defined vehicles. The transformation of cars into smartphones on wheels will push the mobility industry into uncharted territory. From competing with technology companies to identifying innovative technologies that further their sustainability agendas, from finding ways to reconcile data protection and privacy concerns with profit and monetization imperatives, stakeholders will have to find ways to build a future defined by resilient and responsible growth.

After having successfully hosted virtual summits for the past two years, the 14th edition of Frost & Sullivan’s flagship 2022 Intelligent Mobility Summit will also be held online this year. It will run between September 7-8 in the Asia - Pacific, Middle East, India and Europe. The two-day event—“Intelligent Mobility: Towards a Sustainable Future”—will feature a series of curated webinars, insightful panel discussions, and other online events. It will bring together industry experts, policymakers, investors and innovators on a single digital platform, with participants having the opportunity to virtually access the discussions from the comfort of their homes/offices.

We look forward to having you at our digital 2022 Intelligent Mobility Summit.

SUMMIT HIGHLIGHTS

Frost & Sullivan is proud to provide an event featuring high-profile industry experts, thought leaders, parliamentarians and senior executives who gather to debate, discuss and present on the future of mobility and new business models.

WHO SHOULD ATTEND

Our annual flagship summit attracts a diverse network of industry leaders and is specifically, but not exclusively, designed for:

- Automotive Manufacturers and Suppliers.
- Consultants and Engineers.
- Fleet Operators.
- Logistics Companies.
- Leasing Companies and Car Dealerships.
- Mobility Integrators, New Mobility Providers, Operators, and Stakeholders.
- Mass Transport Operators City Planners.
- Policy Makers.
- Research Institutions and Universities.
- Systems Integrators.
- Transport Journalists, Visionaries and Related Associations.
- Transformation and Digitisation Executives.



KEY OBJECTIVES OF THE SUMMIT

INTERACTIVE SUMMIT

A two-day interactive summit will be hosted on a unique virtual platform to discuss and evaluate Growth Opportunities in new Mobility Business models covering Personal and Public Transport Systems.

- Presentations from OEMs, Technology Platform providers, IT Companies, Government representatives and other industry stakeholders.
- Event partner exhibition opportunities to be showcased throughout.
- Interactive sessions organized by seven key themes throughout the day to review opportunities and challenges in the market.
- IP Handouts covering global market potential, infrastructure developments, business models and market opportunities.

ATTENDEES: APPROXIMATELY 2000+ INTERNATIONAL DELEGATES EXPECTED TO JOIN US.

AN OPPORTUNITY FOR UNPARALLELED INDUSTRY INSIGHT ON A BROAD RANGE OF TOPICS:

- 2025 Trends in Connectivity for cars.
- Electrification & Hydrogen powered vehicles.
- Trends in autonomous vehicles.
- Developments in global 2W Industry / Commercial vehicles 2025.



WHAT OUR PARTICIPANTS HAVE TO SAY

Our 2021 virtual summit welcomed over 1700+ attendees from around the world from 400+ companies such as Automotive, Energy, Infrastructure, Communications and Regulatory bodies.

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“Frost & Sullivan brings together the most topical, capable and diverse set of people in Urban Mobility. A must-attend event every year...”

Business Manager,
JAGUAR & LAND ROVER

“

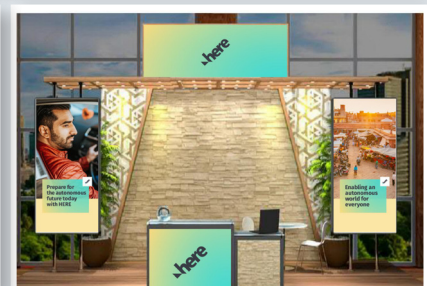
“The event proved to be an excellent opportunity to get an update of all aspects of urban mobility and the challenges it creates, from the best in the business from around the globe.”

*Chief Commercial and
Technical Officer,*
HORIBA MIRA

“

“The Frost & Sullivan Mobility workshop provides a unique environment to understand the key mobility market trends and to exchange ideas with industry thought leaders.”

Head of Europe Operations,
IMS





2022年9月7日 (水)

- 03:55 **バーチャルプラットフォームのご案内&デモンストレーション**
-
- 04:00 **WELCOME: READY...SET...GO!**
-
- 04:02 **フロスト&サリバン : 開会の言葉**
 スピーカー :
Darrell Huntsman, Chief Executive Officer, Frost & Sullivan
-
- 04:10 **フロスト&サリバン 基調講演 : 収益性とサステナビリティ – 3つの変革トレンド**
 スピーカー :
Vivek Vaidya, Associate Partner and Senior Vice President, Mobility Practice, Asia Pacific, Frost & Sullivan
-
- テーマ 1 :**
ゼロエミッション車 (ZEV) : サステナブルモビリティへ向けての脱炭素化
-
- 04:30 **基調講演 :**
 スピーカー :
Ponz Pandikuthira, Global Vice President, Marketing, Nissan
-
- 04:50 **フロスト&サリバン インサイト :**
ゼロエミッション車 (ZEV) : サステナブルモビリティへ向けての脱炭素化
 スピーカー :
Dr. Jose Pereira, Director, Frost & Sullivan
-
- 05:05 **フロスト&サリバン インサイト :**
ゼロエミッション・モビリティ - グローバルEV市場のトレンド
 スピーカー :
Prajyot N Sathe, Research Manager, Frost & Sullivan
-
- 05:20 **パネルディスカッション :**
カーボンニュートラルのビジョン達成には何をすべきか?
 モデレーター :
Dr. Jose Pereira, Director, Frost & Sullivan
 パネリスト :
Vijayendra Rao, Vice President - Mobility Practice, APAC, Frost & Sullivan
Abhijit Sengupta, Senior Director and Head of Business, SEA and India, Here Technologies
Stephane Maravel, Head of Innovation, Strategy and Digital Officer, eMobility, Schneider Electric
Gary Brotman, Chief Executive Officer, Secondmind



2022年9月7日 (水)

05:55 分科会 同時セッション

TRACK 1 : E2W トrendと予測

スピーカー : **Rahul Bhasin**, Associate Director, Mobility Practice, Frost & Sullivan

パネリスト :

Luca Martin, Chief Executive Officer, KTM, ASIA

Julian Legazpi, Chief Commercial Officer, Scorpio Electric, Singapore

TRACK 2 : 政府規制の展望: アセアン地域とインドの自動車業界における政府規制の影響

スピーカー : **Paulo Mutuc**, Associate Director, Mobility Practice, Frost & Sullivan

テーマ 2 :

ソフトウェア定義自動車 (SDV) : 「車輪付きスマートフォン」への改革

06:35 基調講演 :

「車輪付きスマートフォン」を創る

スピーカー :

William Wei, Chief Technology Officer, Foxconn/MIH

06:55 フロスト&サリバンのインサイト :

ソフトウェア定義自動車 (SDV) - 注目のトップトレンド

スピーカー :

Jack Palmer, Senior Consultant, Frost & Sullivan

07:10 パネルディスカッション :

自動車メーカー VS IT大手、綱引きを制するのは?

モデレーター :

Vivek Vaidya, Associate Partner and Senior Vice President, Mobility Practice, Asia Pacific, Frost & Sullivan

パネリスト :

Anuj Jain, Mobility Expert (Strategy & Business Development, AWS Automotive) (VP Bosch *at the time of recording)

Somasundharam Muthumanickam, Lead Software Architect, Automated Driving, ZF Group

Yoshito Ando, Head of Connected Services Planning Group, Nissan

07:45 閉会の言葉



2022年9月8日 (木)

04:00 **フロスト&サリバ 成長イノベーション・リーダーシップ・カウンシル**
 Presenter :
Aroop Zutshi, Global Managing Partner/Executive Board Member, Frost & Sullivan

テーマ 3 :
商用トラックの2030年ビジョンへのロードマップ

04:15 **基調講演 :**
 ビジョン実行へのロードマップ
 Presenter :
Daniel Majewski, Head of Strategy R&D and System Solutions, ZF, Commercial Vehicle Solutions

04:35 **フロスト&サリバ インサイト :**
 トラックの未来
 スピーカー :
Veerender kaul, Global Vice President, Frost & Sullivan

04:50 **パネルディスカッション :**
 商用トラックの2030年ビジョンへのロードマップ
 モデレーター :
Mubarak Moosa, Vice President – Consulting, Mobility Group, Frost & Sullivan
 パネリスト :
Aniruddha Kulkarni, Vice President and Head Engineering CV- Engineering Research Centre, Tata Motors
Carl-Magnus Norden, Founder, Volta Trucks
Mahmut Mobassit, eTruck Director - Europe, BYD Europe B.V
Daniel Majewski, Head of Strategy R&D and System Solutions, ZF, Commercial Vehicle Solutions

05:25 **分科会 同時セッション**
TRACK 1 : サステナビリティ - 電池のサーキュラーエコノミー
 スピーカー : **Ravi Krishnaswamy**, Senior Vice President, Energy & Environment, Frost & Sullivan
 パネリスト :
Nils Steinbrecher, Managing Director, TES
Pasquale Salza, Head of Long Duration Storage & Hybrid Systems, Enel Green Power & Thermal Generation – Innovation
TRACK 2 : リテールの未来
 スピーカー :
Mubarak Moosa, Vice President – Consulting, Mobility Group, Frost & Sullivan
Ryan Bax, Senior Consultant - Mobility, Frost & Sullivan



2022年9月8日 (木)

テーマ 4 :**モビリティの未来 : 'MAAS'から'LAAS (LIFESTYLE-AS-A-SERVICE)'への変革**

06:05

基調講演 :

モビリティの未来 - 'MAAS'から'LAAS (LIFESTYLE-AS-A-SERVICE)'への変革

Presenter :

Pierre Chehwan, VP Strategic Alliance & Institutional Relations, Navya

06:25

フロスト&サリバンのインサイト :

モビリティの未来: 2040年、私たちの移動は?

スピーカー :

Shwetha Surender, Director - New Mobility, Frost & Sullivan

06:40

パネルディスカッション :

モビリティの未来 - メタバース普及によるモビリティのトレンド

モデレーター :

Shwetha Surender, Director - New Mobility, Frost & Sullivan

パネリスト :

Kirk James, Chief Brand Officer, Gogoro**Kelvin Tay**, Head of Future of Mobility, Goldbell**Gregory Duconge**, Chief Executive Officer, VULOG**Pierre Chehwan**, VP Strategic Alliance & Institutional Relations, Navya

07:20

閉会の言葉**Rick Ainsworth**, Chief Commercial Officer, Frost & Sullivan

07:25

14TH ANNUAL INTELLIGENT MOBILITY: フロスト&サリバンの国際バーチャルイベントの終了



ABHIJIT SENGUPTA

Senior Director and Head of Business,
SEA and India
HERE Technologies

Abhijit Sengupta is the Senior Director and Head of Business, for Southeast Asia and India at HERE Technologies. Based out of Singapore, Abhijit brings over two decades of experience in Sales and Business Development, Product Management and Product Operations. He has been driving customer successes in the B2B and B2C segments with market-leading organizations in India and Southeast Asia. Abhijit has extensive experience in working in start-up phase in the Indian Telecom and communications sector and has led some “first to the industry” and “first to the market” product launches. In the last 12 years with HERE Technologies, Abhijit has led Product Management and Product Operations to launch themap and location content in high-growth Southeast Asia and India markets. Having worked with many key customers in the region, Abhijit has led thought leadership in defining Product and Content Strategy for the India and Southeast Asia markets. While Abhijit is mandated to drive growth for HERE Technologies in India, SAARC region and Southeast Asia, he is also working with various stakeholders in the ecosystem to drive value and outcome. A regular speaker in many industry forums, Abhijit believes that the world around us has to handle more and more data in the connected environment, location technology is the key and will help us to usher the Autonomous world.



ANUJ JAIN

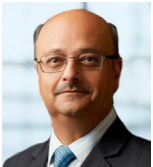
Mobility Expert
(Strategy & Business Development,
AWS Automotive)
(VP Bosch **at the time of recording*)

Anuj Jain is the Vice President at Bosch Mobility Solutions. He leads Bosch's Connected Mobility Solutions offerings in the East Asia market. Prior to this assignment, Anuj was based at Bosch HQ in Germany, working on Bosch's Mobility Strategy. An IoT specialist with extensive knowledge across various innovative technologies, Anuj is deeply engaged in realizing the unlimited possibilities that lie at the intersection of smart sensors, connected assets, advanced visualization technologies, and insightful analytics. Joining the company in 2009 as Managing Director for Bosch Software Innovations (Asia Pacific), Anuj assumed global responsibility for IoT Ecosystems in 2013. Later he relocated to Germany to lead Global Sales, Marketing, and Product Management for Bosch Connected Devices. Raised in India and having worked in Japan, Singapore, and Germany, Anuj is an agile global frontline leader, specializing in IoT value chain and new mobility solutions.

**ANIRUDDHA
KULKARNI**

Vice President and Head Engineering
CV – Engineering Research Centre,
Tata Motors

Aniruddha Kulkarni is Vice President and Head Engineering Commercial Vehicles at Tata Motors Engineering Research Centre and has distinguished career of three decades in the field of Automotive R&D and Project Management in India and Europe. Before joining Tata Motors, he worked with three major automotive companies at senior leadership role. In Tata Motors, Aniruddha Kulkarni is responsible for Research and Development of entire Commercial Vehicles range, i.e., MHCV, ILCV, Buses, Small Commercial Vehicles, Vans, Pick-up including Battery Electric, Fuel Cell and Defence Vehicles, which also includes ICE, Alternate Fuels, Connected Vehicles, Autonomous vehicles and other Advanced Automotive technologies. With graduation in Mechanical Engineering and Post-Graduation in Systems Management, he is very passionate about R&D, future technologies, short term and long-term strategies, regulations & Government policies in the automotive sector. Having worked on Projects from Concept to Launch, both in Personal and Commercial vehicles segment, he is uniquely positioned to bring good value to the products and technologies, Innovation, Technology transfers, NPI processes, and cost reduction. He considers himself fortunate automotive R&D professional to have experience on all the products ranging from Two wheelers to Heavy trucks, buses including Agricultural tractors, both in India and abroad. He chairs some of the initiatives at SIAM and ARAI including PEMC. Currently he is the Member for Screening & Apex Committee in Ministry of Heavy Industries, under the Scheme for “Enhancement of Competitiveness in the Capital Goods Sector – Phase II. In addition, he is distinguished speaker at various technical forums as Keynote Speaker and for panel discussions. Mr Aniruddha Kulkarni underwent Executive Leadership programs by Michigan ROSS School of Management, USA and MIT-Sloan School of Management, USA. Mr. Kulkarni is also on the Board of Tata Motors subsidiary and other professional organization.



AROOP ZUTSHI

Global Managing Partner/
Executive Board Member,
Frost & Sullivan

Aroop Zutshi is based in Silicon Valley, California, and sits on the corporate board of Frost & Sullivan Inc. As the Global President & Managing Partner, with over 30 years of experience Mr. Zutshi has been involved in developing the growth strategy for the company. Aside from driving the globalization of Frost & Sullivan, he has also been responsible for Frost & Sullivan's expansion of business across 48 office locations globally. Besides being responsible for managing Frost & Sullivan, Mr. Zutshi also works with fortune 500 companies in designing their growth strategies by evaluating new opportunities for growth. In addition as a global leader he has been working with many local, state and federal government agencies in helping their economic transformation agenda and initiatives. A mechanical engineer by profession he works very closely with global majors in the field of sustainable and smart manufacturing, IIOT (industrial internet of things), Industry 4.0, Intelligent Mobility & Infrastructure, Smart & Safe cities and so on.



CARL-MAGNUS NORDEN

Founder,
Volta Trucks

Carl Magnus Norden is Founder of Volta Trucks, a company that he started investigating in 2016 and founded in 2019, having previously worked in the electrification of existing commercial vehicles. He has over 30 years of entrepreneurial experience with a proven history of starting and scaling businesses in multinational settings, having lived in six European countries, and started business in most of them in industry's as diverse as real estate, private equity, internet services, crowdfunding and now electrification of transport. He has extensive experience in Business and Technology Development, and Venture Capital markets. Carl-Magnus is a Swedish national who graduated from INSEAD in Fontaine bleau, France, and until 2020, was the Chairman of the Board of its Swedish Alumni.



DARRELL HUNTSMAN

Chief Executive Officer,
Frost & Sullivan

Darrell Huntsman With 20 years of experience managing operations for consulting and financial companies, as well as founding startups, Darrell Huntsman was named CEO of Frost & Sullivan in 2019. He drives and implements the organization's vision, leading the development of the company's short- and long-term strategies and overall global operations that provide solutions to help customers identify, prioritize and execute on growth opportunities.





DR. JOSE PEREIRA

Director,
Frost & Sullivan

Dr. Jose Pereira started his career in passenger vehicle powertrain technology R&D, before moving to industry where he spent 8 years at Jaguar Land Rover in the UK, in roles spanning vehicle performance & efficiency development, including vehicle infotainment features, CO2 compliance & Long-term product and technology strategy & planning. He joined Frost & Sullivan in 2019 and supports the Automotive & Transportation Group's Mobility Advisory group as a Director, managing global project teams and advising clients on their growth pipeline challenges, with particular emphasis on the impact of technology and regulation on future industry disruption and new opportunities.



DANIEL MAJEWSKI

Head of Strategy R&D
and System Solutions, ZF,
Commercial Vehicle Solutions

Daniel Majewski is driving the strategy of technology and system solution in the ZF division Commercial Vehicle Systems. He started in 2017 in Marketing and Business development in the division Truck and Bus. Prior to joining ZF and WABCO, Daniel led Product lines, Sales and Marketing for EATON CEAG in EMEA. The Business unit is serving the industry sectors such as Oil & Gas, Chemical, Pharma, Renewables, Marine and other hazardous areas. In this role he drove segment diversification and service initiatives. Prior to EATON, Daniel led globally at Philips Lighting the Commercial & Service Excellence and in Philips Consumer Lifestyle he was responsible for all B2B and B2C Consumer Experience programs across all product groups. He led change programs redefining key drivers impacting pre/after sales experiences. Daniel has a deep passion on new business models, change management, digital transformation and restructuring of organizations and its capabilities. In the past he advised also start-up companies and non-profits organizations. He is engaged in an European think tank that works as an pan-European policy framework designed to promote new thinking on the key challenges facing the countries of the European Union. Daniel began his career in GE in the divisions of GE Plastics and GE Equipment Services in Sales, Quality and Marketing. He is LEAN Six Sigma Certified as Master Black Belt. He has a Master in Economics from the University of Cologne (Germany) and a MBA from Vlerick Management School (Belgium) and followed the Digital Business Transformation Master Class at IMD (Switzerland).

**GREGORY
DUCONGE**

Chief Executive Officer,
VULOG

Gregory Duconge is an entrepreneur, business angel and the CEO of Vulog (www.vulog.com), global leader in shared mobility software solutions. Over the past 15 years, he has harnessed his experience in Europe and North America to launch and grow start-ups in the mobility, telco and social media industries. Gregory previously served as the CFO of Powertrain Systems Business Group at Valeo, the multinational automotive supplier. Greg also holds an MBA from Texas A&M University.

**GARY BROTMAN**

Chief Executive Officer,
Secondmind

Gary Brotman is a passionate technology maven and leads Secondmind as Chief Executive Officer. He brings 20+ years of leadership experience building, commercializing, and evangelizing of product and service lines for leading Fortune 500 companies and startups with machine learning, mobile, and technology at their core. When spare time arises Gary hacks at golf balls, spins records, and hunts follies while exploring England with his family.

**JULIAN LEGAZPI**

Chief Commercial Officer,
Scorpio Electric,
Singapore

Julian Legazpi serves as the Chief Commercial Officer of Scorpio Electric. Prior to this, he was the Managing Director for KTM Asia and was a director for KTM Asia Motorcycle Manufacturing Inc., which served as the manufacturing hub for Asia.



JACK PALMER

Senior Consultant,
Automotive & Transportation

Jack Palmer has 8 years of experience in consulting and advisory services. Currently based in London, Jack has expertise in the area of automotive connectivity, telematics & the Internet of Things. He has been a researcher for a Member of the UK Parliament in the House of Commons in London and also a driving force behind SBD Automotive's Data Utilization and Monetization Practice. He is also a foundational team member of TU-Automotive's connected car/mobility events and products.



KIRK JAMES

Chief Marketing Officer,
gogoro

Kirk James leads a global team of brand, design, and marketing innovators at Gogoro. We're working together with riders and industry partners to accelerate the shift to more sustainable energy and urban mobility ecosystems that are cleaner, connected, and way more enjoyable. For over 30 years I've worked with pioneering brands in sport, technology, entertainment, and style helping leaders navigate rapidly shifting markets and deliver 360° brand experiences that motivate consumers to embrace new ideas and inspire them to take action.



KELVIN TAY

Managing Director of Future Mobility,
Goldbell Group

Kelvin Tay is the Managing Director of Future Mobility at Goldbell Group and the Chief Executive Officer of BlueSG. He is instrumental in driving the Group's innovation and transformation advancements in Goldbell's core business, and also the creation of new revenue streams through venture building, with the vision of becoming the leading player in the future mobility landscape for smart cities. Kelvin graduated from Cornell University and has worked for the Economic Development Board of Singapore for eight years before moving into executive positions in the private sector, where he led more than ten mergers and acquisitions across Southeast Asia and established a \$10 million venture capital fund.

**LUCA MARTIN**

Chief Executive Officer, KTM,
ASIA,

Luca Martin is an executive with more than 10+ years of experience in the automotive sector and strong background in supply chain, finance and business development. He lived and worked in 5 different countries, currently based in Singapore. At present he is the CEO of KTM ASIA, Managing Director, COO and board member of KTM Asia Motorcycle Manufacturing since June 2018. KTM AG is an Austrian public company and the biggest European power 2 wheels manufacturer. He is responsible for leading all the operations in Asia, known for cost effective resource management and strategic influencer among international board of directors. He has a wide experience in the launch new products in Asia and in the setup of new business in the emerging markets. Previously he was the Head of Strategic Sourcing at Ducati. From June 2013 to January 2017 he was the APAC Supply Chain Director. He helped to scale up the Ducati business from 500 unit up to 10'000 in just 3 years. He was one of the key players for the launch of the new Scrambler, the Ducati bike most sold ever. From March 2012 to June 2013, he was Global Sourcing R&D PM at Ducati headquarter and he started his career as Project Engineer R&D Diesel Engines at BMW AG. Moreover, he is mentor, business angel and partner of several start-ups in different tech fields. He got a master degree cum laude in Mechanical Engineering.

**MUBARAK MOOSA**

Vice President,
Consulting, Mobility Group,
Frost & Sullivan

Mubarak Moosa heads the advisory services of Frost & Sullivan's Mobility practice in Europe. He is a seasoned market consultant working with clients (C-suite & management level) to design fact-based growth strategies. He has led over 100 consulting assignments in the last 14 years at Frost & Sullivan. He has covered diverse topics such as electric mobility, commercial mobility, telematics-based mobility services, Car fleet & leasing, urban mobility, and Aftermarket and retail related subjects. His professional experience is complemented by MBA and engineering courses that focused on logical thinking capabilities.



MAHMUT MOBASSIT

eTruck Director - Europe, BYD Europe B.V

Mahmut Mobassit joined BYD Europe in January 2021 as eTruck Director Europe. He is responsible for development and execution of integrated, long term strategy for BYD light, medium and heavy commercial vehicles business to provide end to end solution for the smart mobility ecosystem based on BYD's vision. BYD eTruck expanded its presence across Europe beyond Scandinavia into the Netherlands, Greece, Hungary with his leadership to fulfill the need of electric commercial vehicle market by launching BYD eTruck solutions. Before joining BYD Europe, Mahmut Mobassit took various senior management roles at Ford where he was part of the core team from very beginning in developing Ford Heavy Commercial Vehicles network and sales operation in the Middle East, Africa, Central and Eastern European markets. His passion is contributing and leading the transformation of the automotive industry with smart mobility solutions.



NILS STEINBRECHER

Managing Director, TES

Nils Steinbrecher Master of Science, Business Administration with Electrical Engineering (Wirtschaftsingenieur). Master's thesis at the Hong Kong University, title: Sustainable Transport for Hong Kong. Managing TES Sustainable Battery Solutions GmbH and leading business development in APAC and EMEA. Being part of the SK Group (100% with SK Ecoplant) my team's mission is to make TES the global leader in Lithium Ion Battery Recycling and supporting our clients to close the loop in a circular economy. Earlier responsible for VDE Renewable APAC Battery Testing and Services. Worked extensively in APAC (15 years) and Europe on sustainable development including Climate Change, Energy Efficiency, EHS and operational excellence with ERM, DuPont and other companies. Working with my team to build something big and sustainable energizes me. Our children, grandchildren need us to make the planet a better place.



PASQUALE SALZA

Head of Long Duration Storage & Hybrid Systems, Enel Green Power & Thermal Generation – Innovation

Pasquale Salza is the head of Long Duration Storage & Hybrid Systems of the Innovation department of Enel Green Power and Thermal Generation. Energy Engineer by Università di Pisa (Italy). He has more than 10 years experience in energy sector. He has started his career as maintenance engineer for large scale thermal and hydro power plants, then he has developed as project engineer projects related to energy efficiency, mini grids and large scale energy storage. Now he's leading an innovation team focused on energy storage and green hydrogen.



PAULO MUTUC

Associate Director,
Mobility Practice,
Frost & Sullivan

Paulo Mutuc has 9 years of experience in the Mobility Practice. Currently based in Tokyo, Paulo leads strategy and research consulting projects for automotive and transport industry clients in the Asia-Pacific. He has a Master Degree in Public Policy from the National Graduate Institute for Policy Studies (Tokyo, Japan) and is an alumnus of De La Salle University (Manila, Philippines).



PRAJYOT N SATHE

Research Manager,
Frost & Sullivan

Prajyot N Sathe has more than 11.5 years of automotive research and consulting experience, having worked on several research projects that focus specifically on opportunity assessments globally. He is currently working as a Research manager, tracking the upcoming trends in the electric and hybrid vehicle market, charging infrastructure, advanced battery technologies in EVs and Fuel cell technology.



PIERRE CHEHWAN

VP Strategic Alliance & Institutional
Relations, Navya

Pierre Chehwan is Director of Strategic-Alliance and Institutional Relationship at NAVYA Group. His mission is to support institutions and governments regarding Autonomous Vehicles, legal framework, and related funded projects from European Union or governmental as well as building strategic alliances. With 27 years of experience in fast paced technologies within market game changer companies, he worked in entrepreneurial pioneer startups, as well as international organisation challengers. Pierre contributed to 2 major disruptive technologies that changed our daily lives: the birth of Internet and the rise of the mobile phone. Today he is contributing to the 3rd one: Autonomous Vehicles. Before joining NAVYA, he worked 7 years for one of the first internet providers in Europe. Then he moved for more than 10 years in the mobile industry as head of product strategy for Tier 1 operators at Alcatel Mobile Phones and Sales Director at Huawei. He developed later the B2B Mobile business of Ingram Micro. Today, Pierre is handling Strategic Alliance as well as EU & Public affairs within NAVYA to deliver sustainable mobility with Autonomous Vehicles.



PONZ PANDIKUTHIRA

Global Vice President,
Marketing,
Nissan

Ponz Pandikuthira is Nissan's Global Vice President. In this role he is responsible for strategically leading Nissan's global marketing activities and functionally leading the regional marketing teams. Ponz has 26 years of global experience in US, Europe and Asia within the automotive industry working for various car manufacturers before joining Nissan in 2012. He served in key leadership roles within the European Operations in Switzerland and France and moved to Global Nissan Headquarters in Japan in November 2019, where he first headed Connected Vehicle Services and then Product Marketing before being promoted to the current Global Executive leadership role. Ponz has degrees in Physics, Mechanical Engineering, Automotive Engineering and an MBA.



RAHUL BHASIN

Associate Director,
Mobility Practice,
Frost & Sullivan

Rahul Bhasin has 10+ years of experience in mobility domain. As a growth strategy consultant within the mobility practice, Rahul helps organizations to identify, prioritize and execute on opportunities to help firms achieve their potential. He has consulting and research experience in regions like APAC, Australia, Middle East and Africa. Rahul has worked with conglomerates like J.D Power, Ashok Leyland, Mahindra and Mahindra, Tata Motors. Rahul obtained his MBA degree from Asian Institute of Management (Philippines) and Post Graduate Program in Data Science and Business Analytics from University of Texas at Austin.



RAVI KRISHNASWAMY

Senior Vice President,
Energy & Environment,
Frost & Sullivan

Ravi Krishnaswamy is the Senior Vice President and Practice Leader for Energy & Sustainability in the Asia Pacific region and is based in Singapore. Ravi passionately supports his clients maximize their growth potential leveraging the mega trends of sustainability and digitalization. The clients Ravi has advised in past two decades include power utilities, technology companies, infrastructure developers, government agencies & industry regulators, global engineering conglomerates, equipment OEMs, financial services & investment companies and R&D entities. Ravi's industry experience spans areas as diverse as Power Utilities, Energy Transition, buildings & construction, facilities management, Smart Urban Infrastructure, Climate Change, Sustainability & Circular Economy, Industrial Automation and smart manufacturing & Industry 4.0. Ravi has been a guest speaker, key note presenter and session chair for several Energy, Utilities, Environment and Buildings related industry conferences, both within and outside Asia. He is also regularly quoted and interviewed in various business publications and electronic media including CNBC, Bloomberg, and Channel News Asia. Ravi graduated in Mechanical Engineering from National Institute of Technology (NIT) in India. Ravi has obtained a Post Graduate Diploma in Strategic Management from Chartered Management Institute in the UK.



RICK AINSWORTH

Chief Commercial Officer,
Frost & Sullivan

Rick Ainsworth joined Frost and Sullivan as Chief Financial Officer in early 2020, helping reorganize the financial, operational and business structure while leading COVID-19 related business adjustments. In mid-2020 Rick moved into the Chief Commercial Officer role responsible for providing global leadership for the sales, marketing, product portfolio and long term strategy for the organization. He has over 20 years of strategic commercial, operational and financial leadership experience working with companies to accelerate insight-driven profitable growth.



RYAN BAX

Senior Consultant - Mobility,
Frost & Sullivan

Ryan Bax has more than 8 years of automotive research and consulting experience, having worked extensively on go-to-market and strategic initiatives for clients. He is currently working as a Senior Consultant in the London team on projects spanning lubricants, new retail formats, alternative powertrains and shared business models.



SHWETHA SURENDER

Director - New Mobility,
Frost & Sullivan

Shwetha Surender leads the Future Mobility team at Frost & Sullivan, providing detailed market research and consulting advice on these topic areas. Shwetha is a recognised thought leader on urban mobility, smart mobility and the future of transport, and worked with leading OEMs, tier 1 suppliers and other key stakeholders to identify and quantify the growth potential of new mobility business models, and how to implement and realise these commercial opportunities.



SOMASUNDHARAM MUTHUMANICKAM

Lead Software Architect, Automated
Driving, ZF Group

Somasundharam Muthumanickam has 10+ years of experience developing state-of-art Autonomous Driving and ADAS functions at companies such as ZF, Bosch, Qualcomm and Ibeo. In his current role as Chief Software Architect, Soma is leading the development of next-gen Autonomous Driving functions with a strong focus on Software-Defined capabilities. Soma has a keen eye for spotting trends in the automotive industry at a very early stage and loves to talk about them at automotive and software conferences. He also offers advisory services to Investors and Startups looking for Automotive insights. He has helped several startups to find the right product-market fit and helped several investors to understand new technologies without the marketing hype.



STEPHANE MARAVEL

Head of Innovation,
Strategy and Digital Offer, eMobility,
Schneider Electric

Stephane Maravel is Global Head of Strategy and Digital Offer for eMobility business at Schneider Electric. His mission is to define and provide innovative solutions for the electrification of transportation, key enabler for a net-zero future. He is a business and team leader with strong strategic vision, entrepreneurial spirit, and passionate on creating value for customers and shareholders, with more than 26 years of experience in the industry and a deep expertise in energy management, services, and digital transformation.



VIVEK VAIDYA

Associate Partner and Senior
Vice President, Mobility Practice,
Asia Pacific,
Frost & Sullivan

Vivek Vaidya is an Associate Partner and Senior Vice President with the Frost & Sullivan Asia Pacific Intelligent Mobility Practice. Vivek Vaidya is an opinion maker, strategic thinker and compelling speaker. He has advised major automotive companies, transportation companies and governments on future scenarios and regulations, market & competitive strategies and strategic partnerships in his career spanning 20 years. He has strong personal relationships with CXO's in the region. He is a preferred industry analyst for many business channels such as BBC, CNBC, Bloomberg, Channel NewsAsia, ET now etc. He has also spoken at various conferences across the world and quoted extensively in newspapers.



VIJAYENDRA RAO

Senior Director,
Mobility Practice, APAC,
Frost & Sullivan

Vijayendra Rao has 15+ years of experience in Automotive sector which include tracking automotive markets globally especially in terms of Automotive Research. He is an experienced Research Director with a demonstrated history of working in the management consulting industry. Vijay is highly Skilled in Business Planning, Market Analysis, Market Research, Management, and Project Management. He holds a Master's degree focused in Automotive Engineering Technology from Rheinisch-Westfälische Technische Hochschule Aachen, Germany. Vijay is a prominent speaker at many conferences in APAC and Europe region such as Ford in Australia, Proton in Malaysia, Nissan, Honda, Toyota in Japan to name a few.



VEERENDER KAUL

Global Vice President,
Frost & Sullivan

Veerender Kaul leads Frost & Sullivan's Commercial Mobility Program. With over 20 years of combined consulting and automotive industry experience, Veerender has led well over a hundred consulting engagements with vehicle manufacturers, component suppliers, service providers and financial institutions operating across the motor vehicle industry. Mr. Kaul's professional career includes extensive experience in engineering functions (Production and Industrial Engineering) at automotive OEMs and Tier I supplier, which provides him profound understanding and appreciation of automotive business operations and decision environment. He's a trusted advisor to senior executives in the motor vehicle industry with deep domain knowledge and functional skills to tackle strategic and tactical business issues. Veerender has also authored and led numerous studies covering vehicle systems and services for passenger cars; commercial vehicles; and off-highway vehicles, with a heavy focus on advanced technologies and novel business models. Mr. Kaul has a degree in Mechanical Engineering and a diploma in Business Management.



WILLIAM WEI

CTO Foxconn / MIH

William Wei helped launch MIH Open EV Platform, the so called Android of EV. As the CTO of Foxconn group, William is responsible for technology strategy in EV, Robotics and Digital Health. 20+ years veteran in software industry and recent focus in FinTech/Security/Blockchain/Mobility computing researches. William was a former NeXT & Apple system engineer with strong background in System and Tools building. Founder of Tech startups with track records and exits.



YOSHITO ANDO

Head of Connected Services
Planning Group,
Nissan

Yoshito Ando is head of service planning group at Nissan. It is first dedicated team to create innovative service concept in Nissan. Ando joined Nissan in 2018 as head of connected service business development. Established and led three important PoC project such as "Charging+", "Travel Trigger", "Travel experience box" in 3 years as a project leader. Ando started service planning group lead in 2022. Create service package rapidly including idea, business model, tech feasibility study and partnership. Aiming on L4 autonomous driving paradigm shift preparation as new service creation point of view. Previous work is at SoftBank(2007-2018) as project leader of new IoT product planning and business development. Created 700+ new IoT concepts from toy to medical equipment and achieved \$400million sales. Graduated from Tokushima university holds a bachelor's degree in Electrical and Electronics Engineering.



Auto Components India is the fourth automotive title from Next Gen Publishing which also brings out Car India, Bike India and CV magazine. As the name denotes, the new magazine will primarily focus on the end-to-end value chain of the automotive components industry and allied segments such as machine tools, service tools, testing equipment, consumables and IT. In covering these sectors, ACI does not exactly neglect OEMs. Under the 'technology' and 'innovation' sections, recently launched vehicles are analysed with respect to contribution from vendors.



Bauelectric is an online Tech media which provides you the updates on the areas of electric vehicles, renewable energy, automation, grid related developments, tie ups of the big tech players in the market and interviews from the trusted news agency in a simple key notes with the source links provided in the blog.



Commercial Vehicle Commercial Vehicle is a business magazine with a difference. The 360-degree value proposition of the magazine is aptly delivered with a healthy mix of business reporting and user-focused content.



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EV Tech News The future of mobility will be driven by electric vehicles. EV Tech News, powered by MOTORINDIA, is a one-stop platform for all the latest news, views, analysis, trends and updates on electromobility. All key stakeholders including e-vehicle makers, component suppliers, infrastructure & technology providers, government agencies & policy makers, certifying agencies among others will be covered in EV Tech News, as part of our goal to deliver the most engaging and comprehensive news reading experience.



EU-Asian Business Council (EU-ABC) is the primary voice for European business within the ASEAN region. It is formally recognized by the European Commission and accredited under Annex 2 of the ASEAN Charter as an entity associated with ASEAN. Independent of both bodies, the Council has been established to help promote the interests of European businesses operating within ASEAN and to advocate for changes in policies and regulations which would help promote trade and investment between Europe and the ASEAN region. As such, the Council works on a sectorial and cross-industry basis to help improve the investment and trading conditions for European businesses in the ASEAN region through influencing policy and decision makers throughout the region and in the EU, as well as acting as a platform for the exchange of information and ideas amongst its members and regional players within the ASEAN region.



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Global Supply Chain is a monthly magazine that provides timely, quality editorial aimed at every facet of the supply chain industry. This carefully sourced and curated information serves in meeting and overcoming challenges and making the most of supply chain opportunities. Each issue has comprehensive information with unmatched, carefully pruned editorial pickings covering today's logistics' challenges, trends, news, breakthroughs and research from industry insiders, top logistics' professionals and innovators. The magazine has exclusive insider information on emerging technology and strategy. Global Supply Chain is a publication of choice covering all aspects of the industry from cargo, transport (air, sea, road and rail), logistics services providers, new technologies, warehousing, materials handling, reverse logistics, sustainability, IoT, WMS and much more.



Motorindia is one of India's leading B2B magazines focusing on the commercial vehicle segment and delivering news, views, in-depth stories, exclusive features on the CV and automotive industry. We bring the latest news and updates from the industry to readers' fingertips, covering the entire spectrum of the CV ecosystem including vehicle manufacturers, component suppliers, application builders, dealers, fleet operators, aftermarket and more.



Saudi Auto Under the umbrella of AIT Publishing, Saudi Auto with being the Middle East’s most established automotive magazine has evolved with the new launches of its Automotive News Paper and moving ahead with the emerging trends to Digital arena .Since its launch more than two decades ago, Saudi Auto Publishing recognizes the shift in balance of everything towards the social media sphere. And with that, Saudi Auto Digital was incepted, and realized.To ensure that every type of user is catered to, Saudi Auto Digital was launched with its website (www.saudiauto.com.sa) and Saudi Auto YouTube Channel, each with its very own exclusive-to-platform content.These mediums further showcase Saudi Auto Publishing’s commitment to providing the most comprehensive and wide-ranging news on all the happenings in the auto industry.



SMAEV – Smart Electric Vehicle is a platform focusing on the development of the electric vehicle industry. It has both Traditional Chinese and English versions and is committed to providing the freshest, most professional, and most Comprehensive electric vehicle technology trends, application solutions, market dynamics, industrial development and global situation related information, and then connect the supply side, the channel side and the user side to create a communication and matching platform. Under the “green” wave of cherishing the earth, Create new value and unlimited business opportunities.



Japan Automotive News Daily Automotive News is the world’s biggest automobile specialized daily newspaper since its foundation in February 1929. On a daily basis, they provide information ranging from development, production and manufacturing of materials of finished automobiles and suppliers, to administration, logistics, education, sales, maintenance, and recycling.

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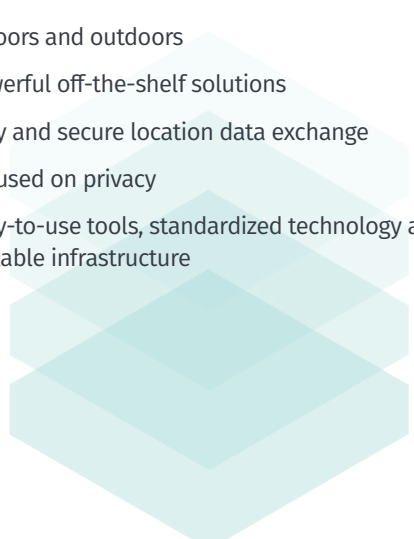
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Selected key facts & figures

- 9,000+ employees in offices across 50+ countries
- 30+ years of location domain experience
- 200 countries and territories mapped, including China, Japan and South Korea
- 57 million km of roadways covered globally
- HERE maps on board of 150 million vehicles and counting
- 60+ countries and territories with live traffic information
- 1,500+ cities with public transit routing in 50+ countries
- 125+ million places/points of interest
- Centimeter precision for high definition maps
- HERE is independently rated as the world's #1 provider of location intelligence (Counterpoint Research, Ovum, Strategy Analytics)

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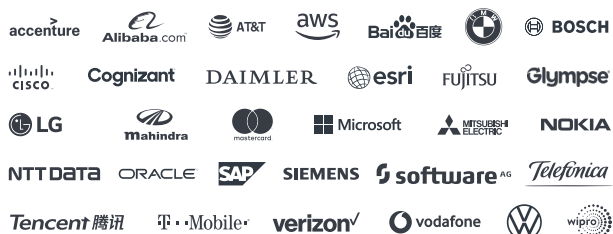


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