

11 / 12
JUNE 2025
TOKYO



DVN TOKYO WORKSHOP

SOCIAL COCKTAIL • MEET & GREET DINNER • CONFERENCE • EXPO

35TH DVN
WORKSHOP

SAFETY & SUSTAINABILITY:
JAPANESE CHALLENGES FOR LIGHTING BUSINESS





INTRODUCTION TO THE TOKYO LIGHTING WORKSHOP

The 35th DVN Lighting workshop will take place at the Hilton Tokyo Odaiba in Japan. The theme is “Safety & Sustainability : Japanese challenges for lighting business”.

DVN is back in Tokyo, Japan, on June 11-12 for its lighting workshop. The first edition of this event took place 13 years ago, in 2012. This year marks the fifth edition. I used to travel to Japan regularly in my previous role when I visited my former colleagues at Nissan.

Japan is a key player in the automotive industry, ranking 3rd in motor vehicle manufacturing (with around 9 million vehicles produced) and 4th in motor vehicle sales (just behind India, with 4.8 million vehicles sold in 2023). The Japanese auto industry currently employs 5.58 million people, including 883,000 in automobile production alone.

In 2024, the market has slightly declined, reaching 4.42 million units. However, Japan also has a strong motorcycle market, with 682,000 units sold, featuring its world-renowned brands. The export market remains strong at 4.4 million vehicles, while imports remain low, with just 311,000 vehicles imported in 2023.

On a global scale, Japanese automakers produced 17.51 million automobiles and 25.19 million motorcycles overseas in 2023, representing around 30% of the worldwide motor vehicle market!

To focus on Automotive lighting market, Japan is primarily dominated by three major players: Koito, Stanley, and Ichikoh-Valeo.

In 2023, I estimated the Japanese automotive lighting market at approximately €3 billion, with Koito holding a market share of over 50%, followed by Stanley and Ichikoh, each with an estimated 15-25% share. The average lighting cost per vehicle is around €300.

At the DVN event in June, you'll gain insights into the world's 3rd largest automotive lighting market, with participation from leading Japanese OEMs, Tier-1 suppliers, light source manufacturers, and semiconductor companies.

We have an exciting agenda covering key topics, including Advanced lighting technologies (ADB, MicroLED, Laser), Sustainability in automotive lighting, Interior lighting trends & Regulations, with key officials from the Japanese GRE delegation and GTB.

So far, all the following exhibitors have confirmed their participation!

We look forward to seeing you in Tokyo!

Paul-Henri Matha

DVN Chief Executive Officer and Lighting General Editor



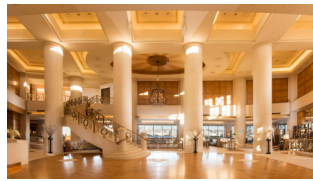


ACCESS & ACCOMMODATION

ACCESS:

Hilton Tokyo Odaiba

135-8625, Tokyo, Tokyo, 1-9-1, Daiba, Minato-ku, Japan



ACCOMMODATION:

"Capsule Hotels" if you would like :

ANSHIN OYADO for Men

REMBRANDT Cabin & SPA in SHIMBASHI

ANSHIN OYADO for Women

REGISTRATION

DVN members:

- Gold members: 1 free entry
- Platinum members: 3 free entries

Additional entries for DVN members:

- 1400€

Non DVN members:

- 1800€

CONTACT

Paul-Henri Matha:

CEO & Lighting General Editor

phmatha@drivingvisionnews.com

Emilie Ogor Bonnet:

Marketing & Communication Director (Speaker, Marketing)

ebonnet@drivingvisionnews.com

Cindy Freixeda Dias:

Event & Com Coordinator (Exhibition)

cfreixeda@drivingvisionnews.com

Christophe Lameiras:

Back Office Manager (Invoicing, Registration)

christophe@drivingvisionnews.com



DAY 1 • JUNE 11, 2025

11:00 am **REGISTRATION & QUICK LUNCH**

01:00 pm KEYNOTES

"DESIGN TREND, AUTOMOTIVE CHALLENGES, LIGHTING CHALLENGE"

Nissan – Yasukazu Kanda, General Manager, Interior and Exterior Engineering Department:

- *Lighting required role in view of Japanese market environment and culture*

Stanley Electric – Takuya Matsumaru, General Manager, Exterior Technology Department Automotive Technology Division:

- *Towards Safer Roads: Optical Communication in Human-Vehicle Interaction*

S&P Global Mobility – Lydia Wang, Senior Research Analyst, Japan-Korea Automotive Component Forecasting and Analysis:

- *Where are we going? – A brief automotive market outlook in numbers*

02:00 pm SESSION 1

SAFETY

Chairman: Wolfgang Huhn, DVN senior advisor

Honda – Kazuyuki Kawamura, Assistant Chief Engineer:

- *Study on Improvement of Pedestrian and Vehicle Visibility by Geometric Patterns Projection Lighting*

Nichia & Infineon – Hiroaki Kuroda, Project leader, PLS product line, Nichia Corporation Japan & Haruyuki Komatsu, Director, Head of Product Management, Infineon Technologies Japan:

- *Light digitalization with μ PLS and advanced automotive system*

Koito – Honami Fujii, Assistant Manager of Research & Development Dept:

- *Light-Based Communication for Autonomous Vehicles and Road Users*

Ichikoh Industries – Benoit Reiss, Advanced Development Deputy Director & Shoichi Minokawa, General manager, Innovation Department:

- *All Users Safety Benefits with Smart Lighting*

ams OSRAM – Christian Wittmann, Senior Director Mobility:

- *ams OSRAM's LED solutions improving safety of mobility*

Mitsubishi Electric – Shuhei Ota, Advanced Applied development Center:

- *Visibility Evaluation during Curve Driving in Headlamp Beam Control Technology Using Gaze Information*

HASCO Vision – Taiki Shibata, Design Senior manager:

- *Examples and Future Developments of Advanced Lamp Systems*

YEJIA – Nan Jixue, Chairman of Yejia Optical Technology (Guangdong) Corporation:

- *The Key Optical Components in Pixel Headlamp*

Q&A

03:45 pm **COFFEE BREAK**

04:45 pm SESSION 2

INTERIOR LIGHTING

Chairman: Paul-Henri MATHA, DVN CEO

Nissan – Yasukazu Kanda, General Manager, Interior and Exterior Engineering Department:

- *Transition of interior lighting function and future outlook*

Marelli – Mitsuyoshi Naritomi, Vice President, R&D Interior Experience Division:

- *Marelli's Vision for the Future of Vehicle Interiors*

Nichia – Hiroaki Kuroda, Manager Automotive business unit:

- *Revolutionizing automotive interior, the future of Laser illumination*

Inova – Aleksandar Živanović, Senior Sales Manager & Project Responsible for ILaS® & ILaS® RGB:

- *ISELED – The automotive ambient lighting standard*

Brightek Optoelectronics – Dr. Darren Kao, Assistant Vice President:

- *A Smart Lighting Solution for MCU-Free Automotive Systems*

NISSHA – Jun Sasaki, Director of Engineering, Technology and Business Development:

- *Smart surfaces, seamlessly integrated: motech by NISSHA*

TactoTek – Sami Hyryläinen, SVP Sales and Business Development:

- *TactoTek IMSE® – Superior Performance for Functional Illuminated Surfaces*

Q&A

07:00 pm **COCKTAIL & DINNER**



DAY 2 • MORNING • JUNE 12, 2025

08:20 am KEYNOTE

DVN – Paul-Henri MATHA, CEO:

- *Lighting trend*

Uno Minda – Todd C. Morgan, Global Head of Lighting Technologies and Innovation:

- *Lighting Innovation in Overdrive: India's Growing Market and Emerging Trends*

Lumax – C S Singh, Executive Vice President, Head of Innovation, Product & Technology:

- *Innovation in India and Innovation for India with Japanese Methodologies*

09:00 am SESSION 3

SUSTAINABILITY

Chairman: Benoit REISS, R&I Deputy Director, Ichikoh Industries

Keynote lecture – Ministry of the Environment – Yohei Kawada, Director:

- *Building a market for recycled plastics for automotive applications, Action Plan*

Keynote lecture – Ichikoh Industries – Kazuyuki Miyashita, Deputy President and CTO

Honda – Masaaki Fujimoto, Manager Chief Engineer, Sustainable Material Department Mobility Material R&D Division:

- *Honda's Resource Circulation and Sustainable Materials Technology*

ams OSRAM – Ralf Hying, Senior Director R&D Automotive Lighting (AMSP):

- *Standardized LED light sources to realize simplicity and sustainability across multiple car models*

Sumitomo Chemical – Kazuhiro Yamazaki, Head of global product marketing, MMA Division:

- *A solution for sustainable lighting : proposal from New PMMA materials*

SABIC – Masaaki Takahashi, Sr. Engineer, Automotive Petrochemicals:

- *Lighting the path to net zero GHG emissions and enhanced sustainability with automotive thermoplastics*

Q&A

10:40 am COFFEE BREAK

11:30 am SESSION 4

REGULATORY

Chairman: Wolfgang Huhn, DVN senior advisor

GTB – Davide Puglisi, GTB Secretary-General:

- *GTB & GRE Status*

MLIT – Yasumasa Tominaga & **JASIC** – Takaki Kasai:

- *MLIT / JASIC Status*

Mercedes-Benz – Benjamin Gritsch, GRC/RDVK, Senior Manager Exterior

- *ADS Marker Lamps – Study results and activities towards harmonized regulations*

NTSEL – Michiaki Sekine:

- *Discussion to establish technical requirements for ADS marker lamps*

NTSEL – Yoshiro Aoki

- *Research on Standard for Automotive Lighting in Aging Society*

DVN – Paul Henri Matha, CEO:

- *Summary of DVN forum and ADAC forum about glare*

ROUND TABLE with GTB, JASIC, Mercedes-Benz, MLIT, NTSEL, JAMA and JAPIA

01:00 pm LUNCH BREAK



DAY 2 • AFTERNOON • JUNE 12, 2025

02:00 pm SESSION 5

INNOVATIVE LIGHTING TECHNOLOGY & WAY OF WORKING, VALIDATION • PART 1

Chairman: Hiroaki Kuroda, Project leader, Nichia

Liaowang – Dan Gu, President:

- *Automotive Smart Interactive Display Technology: Development and Future of MDL*

Refond – Grayson Liao, LED Expert:

- *Mini/Micro LED Solution for Automotive Interior & Exterior Display Application*

Brightview technologies – Michael Murphy, Chief Commercial Officer:

- *Computational Optics for Automotive Lighting*

Luminit – Stanley Kao, Vice President of Sales & Development:

- *Illuminating the Road Ahead: Integrated 3D Curve Light Shaping Diffuser Lens Meets Prism Film for Next-Gen RCL/DRL*

VueReal – Rob Selley, CEO:

- *Saving money using in-glass microLEDs*

Zanini – Dr. Benjamin Izquierdo, Electromagnetics & Electro-Optics Innovation Leader / Dr. August Mayer, Group R&D And Innovation Director:

- *Thin illumination for radomes and exterior trims*

Elmos – Artur Biernatowski, Director Product Segment Lighting:

- *Advanced LED Drivers: Powering the Next Generation of Automotive Lighting*

Q&A

03:30 pm COFFEE BREAK

04:15 pm SESSION 5

INNOVATIVE LIGHTING TECHNOLOGY & WAY OF WORKING, VALIDATION • PART 2

Chairman: Todd C. Morgan, Global Head of Lighting Technologies and Innovation, Uno Minda

Sharp – Yasuaki Hirano, Member of the Board, General Manager, Head of Laser business Unit:

- *Visible light laser diodes for automotive applications*

Lumileds – Takaaki Yagi, Senior Manager Technical Support Group:

- *Expanding the horizons of Car Body Lighting*

Synopsys & Dassault Systems – Tobias Schmid, Ph.D., Technical Product Management, Director Optical Solutions Group & Stephan RITZ, CATIA R&D Design I Product Experience, Portfolio Director:

- *3DEXPERIENCE CATIA & LucidShape X - Redefining Automotive Lighting Developments with integrated Virtual Twins*

LMT – Stephen Dahle, Member of the Board:

- *Camera Based Vehicle-Level Front Lighting Testing: An Overview*

AML Systems – Hassan Koulouh:

- *Automatic Headlight Adjustment: Lumems Technology for a Perfect Beam Without Manual Intervention*

Varroc – Jeneeson Jeevamani, Head Engineering – Lighting:

- *Varroc way of working for Global Lighting projects from India*

Ansys – Zach Derocher, Senior Application Engineer:

- *Comprehensive Optical System Design with Ansys: Micro-LED Adaptive Driving Beam Headlamp*

Q&A

05:45 pm CLOSING