

ABOUT US

Fiem Industries Limited

Founded by : Mr. J.K. Jain - Chairman & Managing Director,
First-Generation Entrepreneur.

Over 50 years experience in Automotive Components Industry
9 State of the Art Manufacturing Plants located in India: 4 Unit
Southern Region & 4 Unit Northern Region & 1 Unit Western
Region.

Government approved: In-house R & D Unit

Team: Young & Energetic dedicate Team of 6500 people

Extensive product range for: Two wheelers, Four Wheelers,
Buses & Railways.

Leading manufacturer of: Automotive Lighting, Signaling
Equipment's, Rear View Mirrors, Plastic Molded Parts, Sheet
Metal & Fabricated Components.



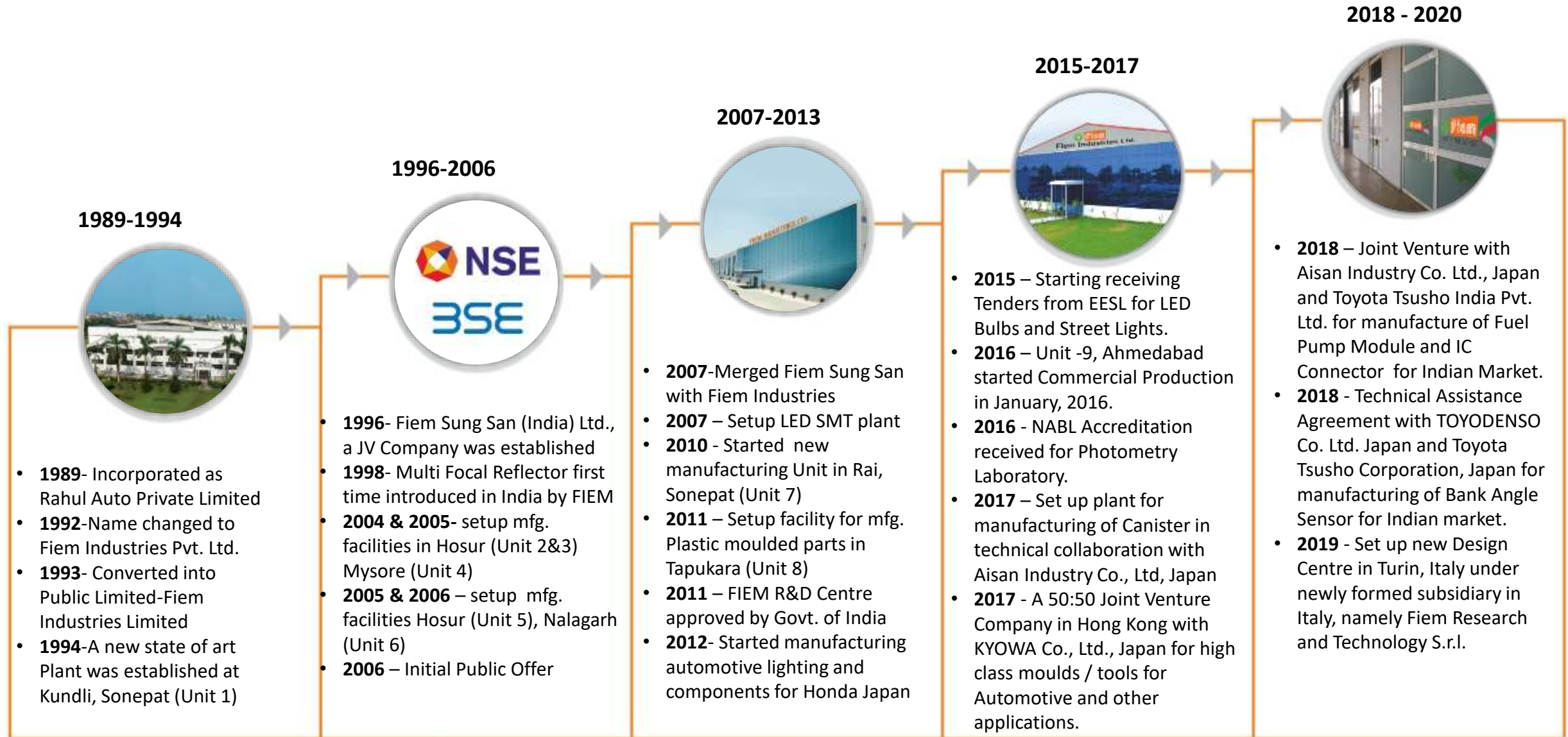
Quality Certification: IATF-16949-2016, ISO-14001-2015, ISO45001-2018,
ISO 9001-2015, E MARK COP-2022 CERTIFICATE

Photometric Lab : Fiem photometric lab is accredited from NABL & RDW
(Netherland) for testing, validation and homologation of our lamps.

COMPANY OVERVIEW

- The Company was originally incorporated in India as Rahul Auto Private Limited on February 6, 1989 in New Delhi and was founded by Mr. J.K. Jain, who is a first generation entrepreneur and is in the automotive lighting business since 1970's.
- FIEM is one of the leading manufacturers of automotive lighting & signalling equipment's and rear view mirrors in India. Its major business comes from the two-wheeler segment of the automotive industry.
- FIEM has a diversified product portfolio ranging from head lamps, tail lamps, signalling lamps, roof lamps, rear view mirrors, wheel covers, warning triangles, complete rear fender assembly, frame assembly, mudguards, various automobile sheet metal and plastic parts, Canister and Bank (Lean) Angle Sensor.
- The Company has following Wholly-owned Subsidiaries and J.V. Companies
 - Wholly-owned Subsidiaries
 - Fiem Industries Japan Co., Ltd. (Japan)
 - Fiem Research and Technology s.r.l (Italy)
 - JV Company - Fiem Kyowa (HK) Mould Company Limited (Hong Kong)

FIEM JOURNEY



OUR PRESENCE



Corporate Office: Fiem Industries Ltd,
Aerocity, New Delhi, India



Fiem Industries Japan Co. Ltd., Japan
(Wholly-Owned Subsidiary)



Fiem Research And Technology S.r.l. Italy
(Wholly-Owned Subsidiary)



Fiem Kyowa (HK) Mould Co Ltd.
Hong Kong



R&D Centre & Regd. Office,
Mansarovar garden, Delhi



Design Centre
Chinchwad, Pune



Unit-II, Hosur (Tamil Nadu)



Unit-III, Hosur (Tamil Nadu)



Unit-IV, Mysore (Karnataka)



Unit-V, Hosur (Tamil Nadu)



Unit-I, Kundli (Sonapat, Haryana)



Unit VII, R&D & Testing Facility (Rai, Sonapat, Haryana)



Unit-VIII, Tapukara (Rajasthan)

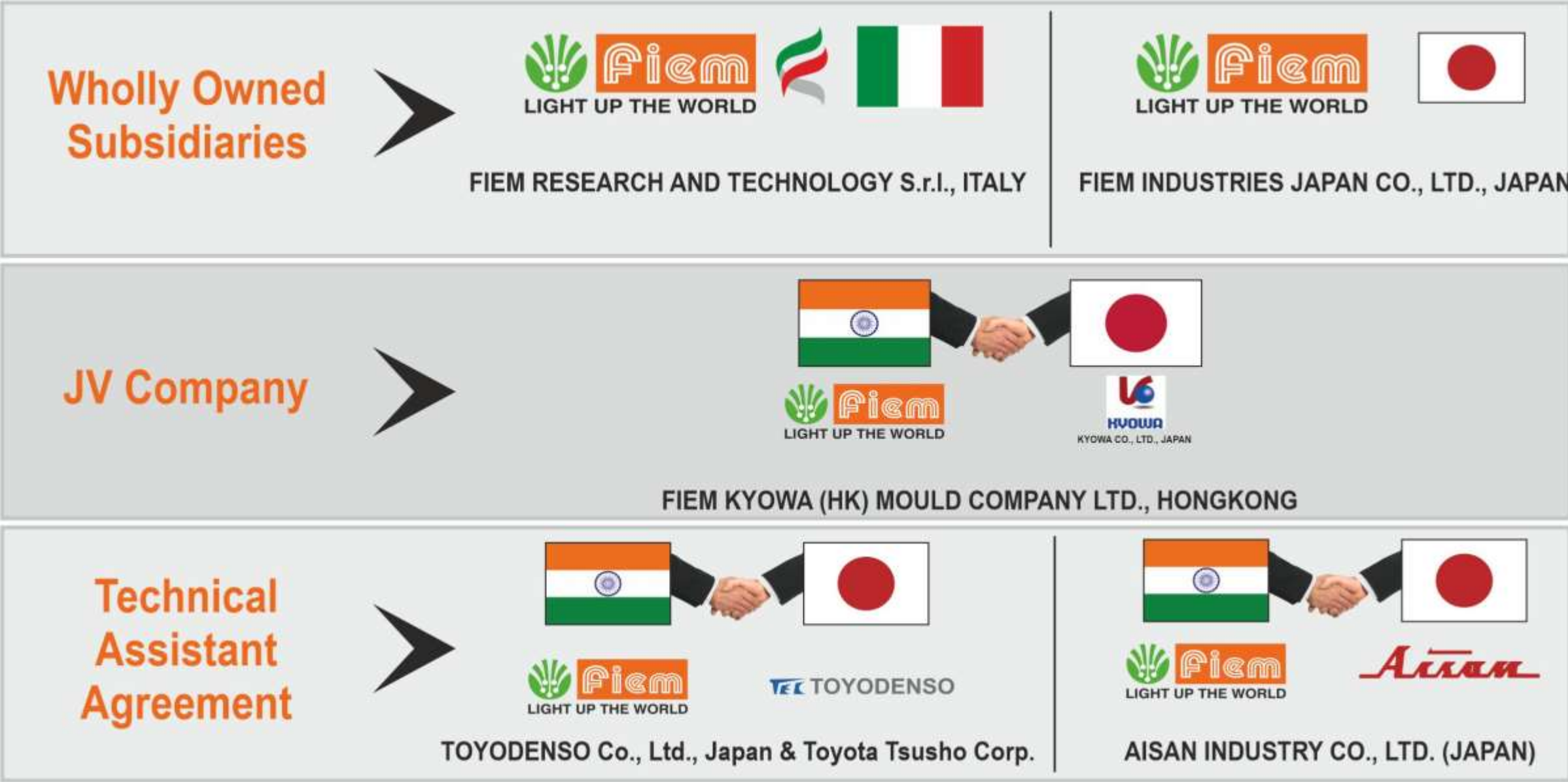


Unit-VI, Nalagarh (Himachal Pradesh)

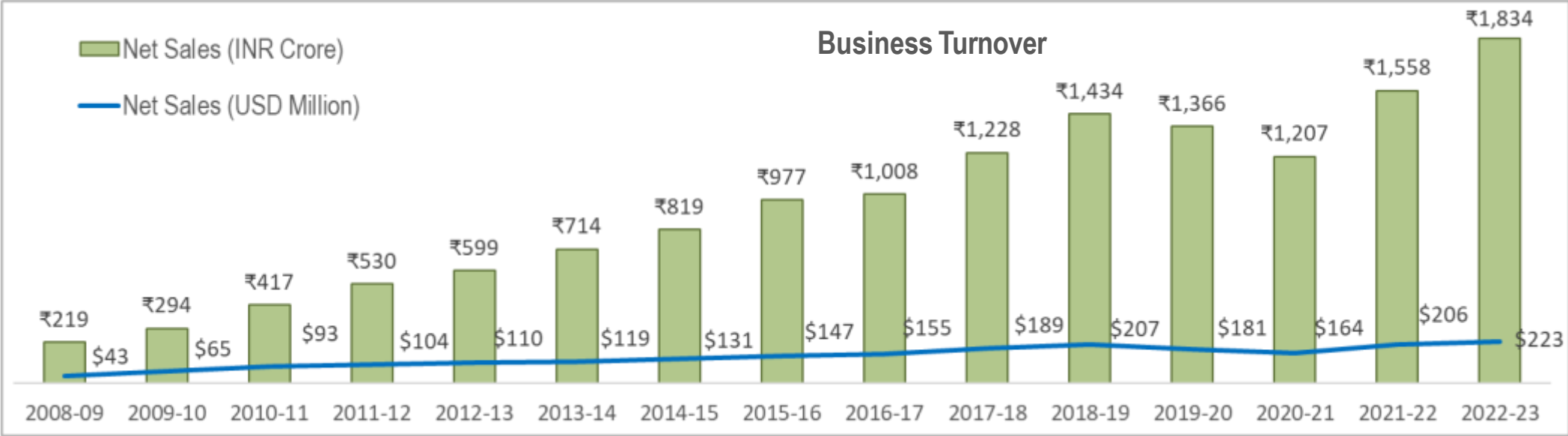


Unit-IX, Ahmedabad (Gujarat)

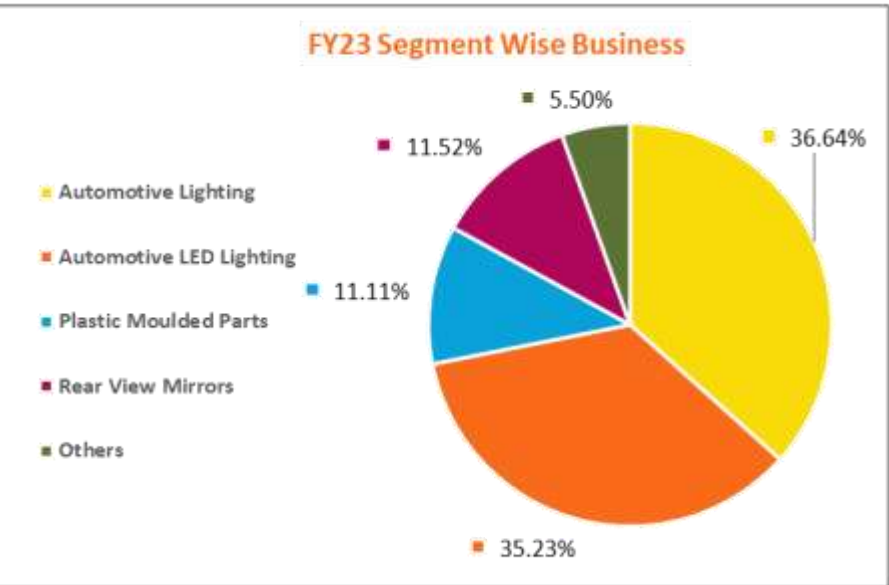
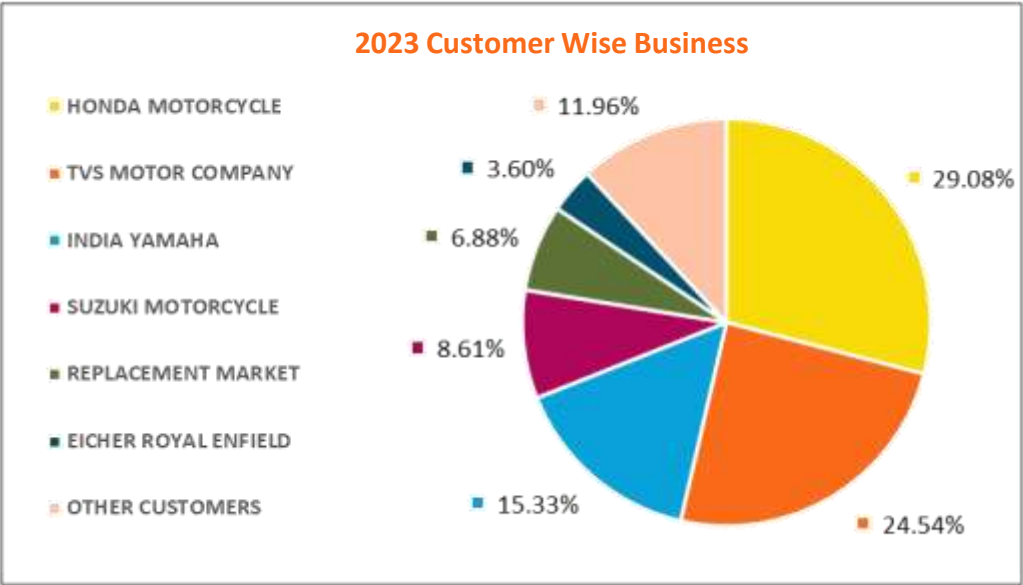
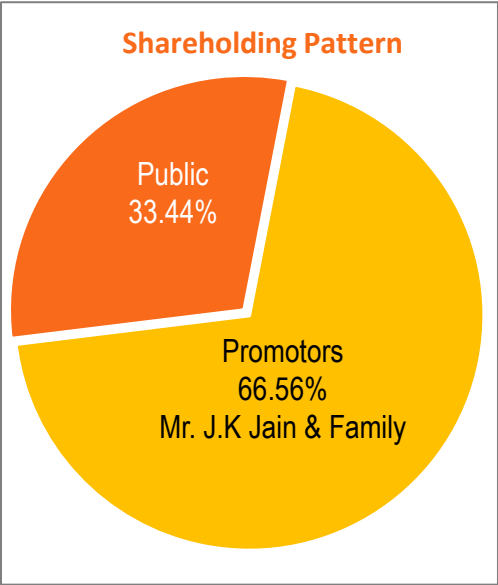
FIEM JOINT VENTURE & TECHNICAL ASSISTANCE AGREEMENT



FINANCIAL SUMMARY & SHARE HOLDING



USD INR EXCHANGE RATE	
2022-23	₹ 82.22
2021-22	₹ 75.81
2020-21	₹ 73.50
2019-20	₹ 75.39
2018-19	₹ 69.17
2017-18	₹ 65.04
2016-17	₹ 64.84
2015-16	₹ 66.33
2014-15	₹ 62.59
2013-14	₹ 60.09
2012-13	₹ 54.39
2011-12	₹ 51.16
2010-11	₹ 44.65
2009-10	₹ 45.14
2008-09	₹ 51.43



STRONG CLIENT BASE

- FIEM has a strong client base of more than 50 OEMs and is supplying to its prestigious customers since their inception.
- Significant market share for supply of automotive lighting & signalling equipment's and rear view mirrors to Two-wheeler and Four-wheeler OEM's.
- Exporting automotive lighting to Honda Japan, Harley Davidson (USA & Thailand), Kubota Japan (Tractors & Farm equipment's) besides exporting to other OEM's in Austria, UK, Germany, Thailand, Indonesia & Vietnam.



MANUFACTURING EDGE...COST SAVING TO THE CUSTOMERS

- State-of-the-art manufacturing facilities located close to the OEM Customers offering Logistic cost saving and just in-time delivery.
- FIEM has three world class R&D / Design Centres located in India, Italy and Japan having more than 120 personnel in Designing, Optical Simulation and Guest Engineering facilities for development of the light assembly with LED & advanced technology as per Indian and Global standards.

FIEM ADVANTAGE

DIVERSIFIED PRODUCT PORTFOLIO

- Leading manufacturers of LED and Conventional Automotive Lighting & Signalling Equipment's and Rear View Mirrors for two and four wheelers.
- Strategic technological tie ups with global players to provide advance and cost efficient Products.
- Diversified into Integrated Passenger Information Systems with LED Display (IPIS).



FOCUS ON ELECTRIC VEHICLE SEGMENT

- 2W EV is a big opportunity, which is growing exponentially.
- FIEM has the first mover advantage and working with all major EV OEMs in India.
- Company has competitive advantage, because of in-house R&D, Designing and Testing capabilities with shortest Development time.
- Diversified product portfolio with LED Lighting solutions, Rear View Mirrors and Plastic Parts etc. provide best solutions to the OEMs.

FIEM BUSINESS VERTICALS



AUTOMOTIVE LIGHTING

- ▶ AUTOMOTIVE LIGHTING
- ▶ SIGNALING EQUIPMENT
- ▶ REFLEX REFLECTOR
- ▶ MOVING EMBLEM



AUTOMOTIVE NON LIGHTING

- ▶ REAR VIEW MIRROR
- ▶ PLASTIC / FENDER ASS.
- ▶ HUB MOTOR & MCU
- ▶ WIRING HARNESS
- ▶ SHEET METAL / FABRICATED & FRAME ASSEMBLY
- ▶ BANK ANGLE SENSOR
- ▶ CANISTER



LED LUMINAIRES FOR INDOOR & OUTDOOR APPLICATIONS

- ▶ LED HOME LIGHTING PANNEL (IN & OUTDOOR)
- ▶ LED DOWN LIGHT
- ▶ LED STREET LIGHT
- ▶ SOLAR BASED LED STREET LIGHT
- ▶ SOLAR BASED LED LANTERN



LED DESTINATION BOARD SYSTEM

- ▶ BUS
- ▶ RAILWAY
- ▶ METRO
- ▶ AIRPORT

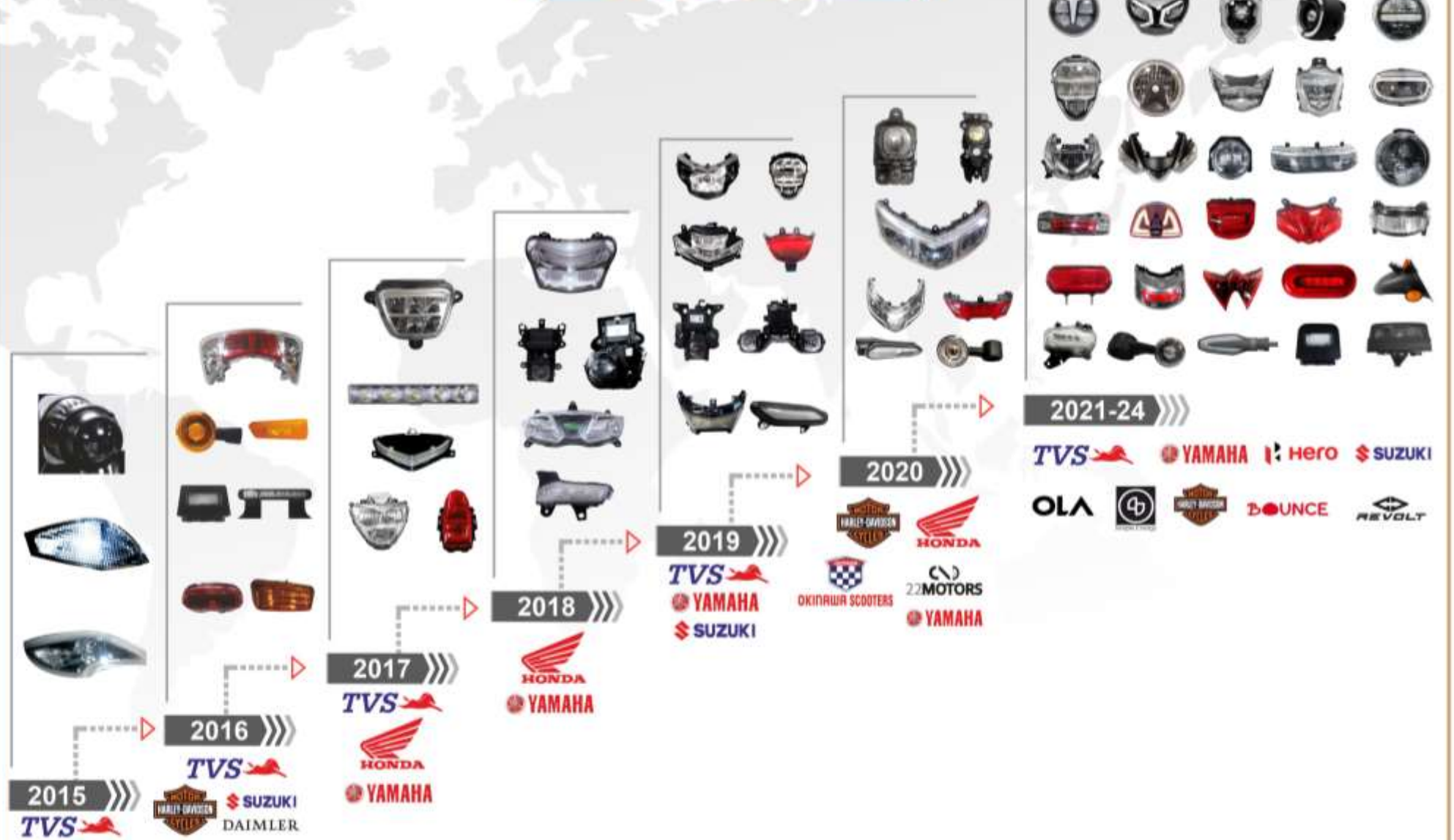


AUTOMOTIVE LED LIGHT JOURNEY

2002 - 2014



2015 - 2024





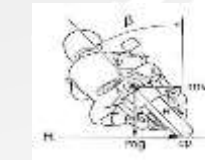





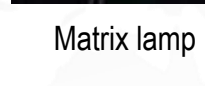


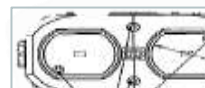


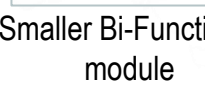




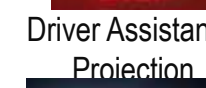





AUTOMOTIVE LIGHTING JOURNEY & FUTURE ROAD MAP

OUR AUTOMOTIVE LIGHTING JOURNEY (1980-2024)

 <p>BMC reflector, ABS housing & PC lens. HS1, HS4 bulb</p>	 <p>PC MFR reflector, ABS housing, PC lens. LED</p>	 <p>LED Projector lamp</p>	 <p>Projector LED Head lamp – Class B & D</p>	 <p>LED Head lamp - Class D</p>	 <p>Fog Lamp with cornering</p>
 <p>Sheet metal reflector and Glass lens. Conventional Bulb</p>	 <p>PC MFR reflector, ABS housing & PC lens. HS1, HS4 bulb</p>	 <p>LED Tail lamp</p>	 <p>Dual beam Projector LED Headlamp - Class C</p>	 <p>LPM Assy</p>	 <p>Puddle Lamp</p>
<p>1991-20</p>	<p>2001-05</p>	<p>2006-15</p>	<p>2016-21</p>	<p>2023-24</p>	<p>2023-24</p>

FUTURE TECHNOLOGY DEVELOPEMT PLAN - 2024-28

 <p>Adaptive lighting</p>	 <p>Handle bar switch</p>	 <p>Laser beam with light bar</p>
 <p>OLED</p>	 <p>Advanced front lighting system</p>	 <p>Advanced Driver Assistance Systems (ADAS)</p>
 <p>USB charger</p>	 <p>Matrix lamp</p>	 <p>Smaller Bi-Functional module</p>
 <p>Plastic Heat Sink</p>	 <p>RVM & Indicator</p>	 <p>Charging Lighting (Evs)</p>
 <p>Driver Assistance Projection</p>	 <p>Sequential lighting</p>	 <p>Matrix LED system</p>
 <p>Fog Lamp</p>	 <p>Matrix LED system</p>	 <p>Matrix LED system</p>
 <p>Sequential lighting</p>	 <p>Matrix LED system</p>	 <p>Matrix LED system</p>
 <p>Matrix LED system</p>	 <p>Matrix LED system</p>	<p>Matrix LED system</p>
 <p>Matrix LED system</p>	<p>Matrix LED system</p>	<p>Matrix LED system</p>
 <p>Matrix LED system</p>	<p>Matrix LED system</p>	<p>Matrix LED system</p>
<p>2024-25</p>	<p>2025-26</p>	<p>2026-28</p>

HUB MOTOR



MOTOR CONTROL UNIT



Innovative technology

Low torque ripple

Good conductor utilization

Increased power density.

The hub motor (also called wheel motor, wheel hub drive, wheel hub motor, or in-wheel motor) is characterized by the integration of power, transmission, and braking devices into the wheel hub, thus greatly simplifying the mechanical part of electric vehicles.

The working principle of a hub motor is an electronic phase changer (switching circuit). According to the position sensor signal, it controls the sequence and time of energizing the stator winding to generate the rotating magnetic field and drive the rotor to rotate.

OUR VALUABLE CUSTOMERS

2-WHEELER (DOMESTIC OEM'S)



2-WHEELER (Electric Vehicle OEM'S)



2-WHEELER SEGMENT (GLOBAL OEM CUSTOMERS)



4-WHEELER SEGMENT (DOMESTIC OEM CUSTOMERS)



4-WHEELER SEGMENT (GLOBAL OEM CUSTOMERS)



ACCOLADES RECEIVED

MORE THAN 50+ AWARDS SINCE 1991



**Award for Strong Effort
for Cost Reduction**
for the year 2022-23
From Honda Motorcycle & Scooter India.



**Consistent Quality
Performance Award**
from TVS Motor
Company Ltd. (2021-22)



**Appreciation Award
For Special Support**
from
Yamaha Motor India Group (2022)



**Global Award for Excellence in
Technology and Development**
from Yamaha Motor Co., Ltd. Japan
(on 19th April, 2019 at Japan)



In recognition of outstanding achievement in the development of advanced technology in 2018 development of the "World's Smallest Bi-Function Lighting Module for Two-wheelers' with PES Lens".



Global Contribution Award,
from Yamaha Motor Co., Ltd. Japan
(2020)



**Appreciation Award for
Development and Shipping Control**
from
India Yamaha Motor Pvt. Ltd. (2019)



**Award for
Delivery Management**
From Honda Motorcycle and
Scooter India Ltd. (2020)



**Award for
New Part Development**
From Honda Motorcycle and
Scooter India Ltd. (2017-18)



**Grand Award
for Development**
from Honda Motorcycle and
Scooter India Ltd. (2008-09)



**Achievement Award
for Honda Global Support**
from Honda Motorcycle and
Scooter India Ltd. (2012-13)



**Grand Award
for QCDDM**
from Honda Motorcycle and
Scooter India Ltd. (2013-14)



Appreciation Award - 2023
from Hyundai Motor India



**Award for 'Excellence Performance
in Quality Metrics'**
for the year 2022
from Daimler India Commercial Vehicles.



**Performance Award
(Cost Reduction)**
from Suzuki Motor Cycle India
Private Limited (2018-19)



Performance Award (VA-VE)
from Suzuki Motor Cycle India
Private Limited (2016-17)



Supplier Recognition Award
bestowed by
Harley-Davidson India (2014)



**Award for
Best Performance in Delivery**
from Kubota Corporation (2021)

SURFACE TREATMENT & LAMP SEALING FACILITIES



Hard Coat



Anti fogging



Arzafi Metalizing Machine



Sputtering Metallizing



Ultra Sonic Welding



Hot plate Welding Machine



Vibration welding



Infra Red Welding

PROCESS FLOW FOR SMT LINE



PCB Vision Testing



Robotic Soldering



De-Paneling of PCBs



ICT (In Circuit Testing)



SMT facilities are installed with latest Poke-Yoka to control Zero defect product.

WORLD CLASS TESTING FACILITIES

We believe, our multi location testing facilities will immensely benefit to all our OEM customers. This will prove an important strength of our Company to garner new business from the OEMs.



Thank You