MERSEN: A SUSTAINABLE GROWTH TRAJECTORY MAY 2018





MERSEN: OUR MISSION

WE DEVELOP THE BEST TECHNOLOGIES FOR THE INDUSTRIES OF THE FUTURE

WE PROVIDE INDUSTRIAL COMPANIES AROUND THE WORLD WITH INNOVATIVE SOLUTIONS ENHANCING THE PERFORMANCE OF THEIR PRODUCTS AND SERVICES



MERSEN: AN EFFICIENT GROUP AND LEADER IN ITS MARKETS

SHARED BUSINESS MODEL

Small production batches, leader in niche markets, high cash generation SHARED END-MARKETS leveraging the Group's expertise and resources SHARED MANUFACTURING SITES AND SALES NETWORK Resource allocation

R&D Cross fertilization, Central coordination LEAN

Operational excellence Business processes Project-based organization

ELECTRICAL POWER

ADVANCED MATERIALS



ELECTRICAL PROTECTION & CONTROL

World's no. 2 in industrial fuses



SOLUTIONS FOR POWER MANAGEMENT

World's no. 2 in passive components for power electronics



ANTICORROSION EQUIPMENT

World's no. 1-2 in graphite equipment

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GRAPHITE SPECIALTIES

World's no. 1-2 in high-temperature applications

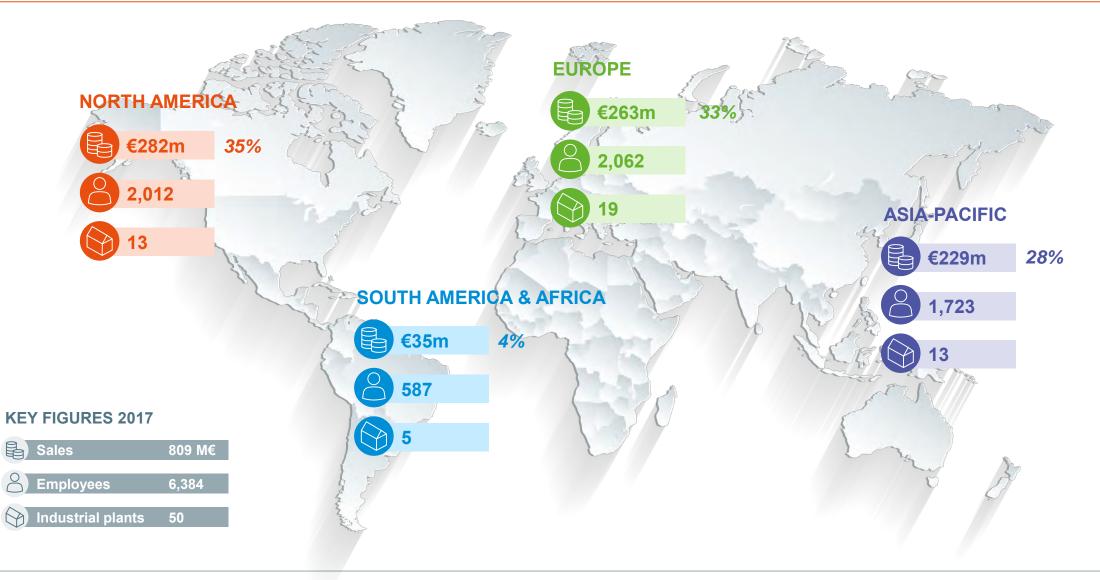


POWER TRANSFER TECHNOLOGIES

> World's no. 1-2 in brushes for industrial motors



A GLOBAL FOOTPRINT, SOURCE OF STABILITY AND OPPORTUNITIES





SAME POLICY IN EVERY PLANT AROUND THE WORLD



* LTA1 : number of lost-time occupational accidents per million man-hours - LTA2 : with and without lost time



SUPPORT THE ACHIEVEMENT OF MERSEN'S STRATEGIC PROJECT WITH THE TEAMS





May, 2018

EMBEDDING OUR ETHICAL PRACTICES TO CREATE AN EXEMPLARY MODEL

EMBEDDING OUR ETHICAL PRACTICES

RELEASE AND APPROPRIATION OF GROUP'S CODE OF ETHICS

7

Appointment of a **Chief Compliance Officer** in 2017 reporting to the Executive Management

Reports to the Audit & Accounts Committee

Quarterly committee "Ethics & Compliance"

Annual review with an outside expert to ensure quality

Available in **14 languages**

e-learning module followed by **3,600 employees** in 2017 (**5,000** as of today)

Specific **anti-bribery** training module for managers

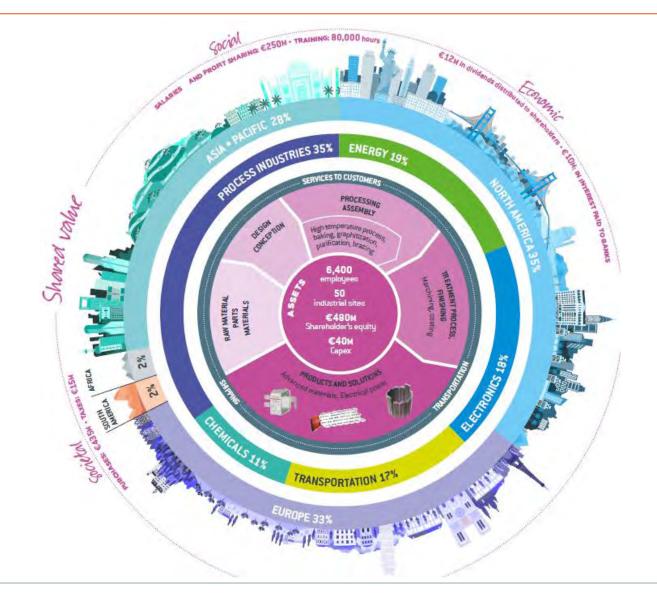
Whistleblowing system

Signatory since 2009





A VALUE-CREATING BUSINESS MODEL





TOWARD A LIGHTER TRACE ON THE WORLD

FROM PRODUCTS DESIGN TO WASTE MANAGEMENT



Eco-design

R&D teams training

Specification with environmental impact reduction targets

Purchasing policy

Eco-sustainable redesign to cost

Environmental criteria in supplier selection

Energy consumption In 2017 +6% gas & electricity*

(vs +8% sales*)

Pollution & waste management

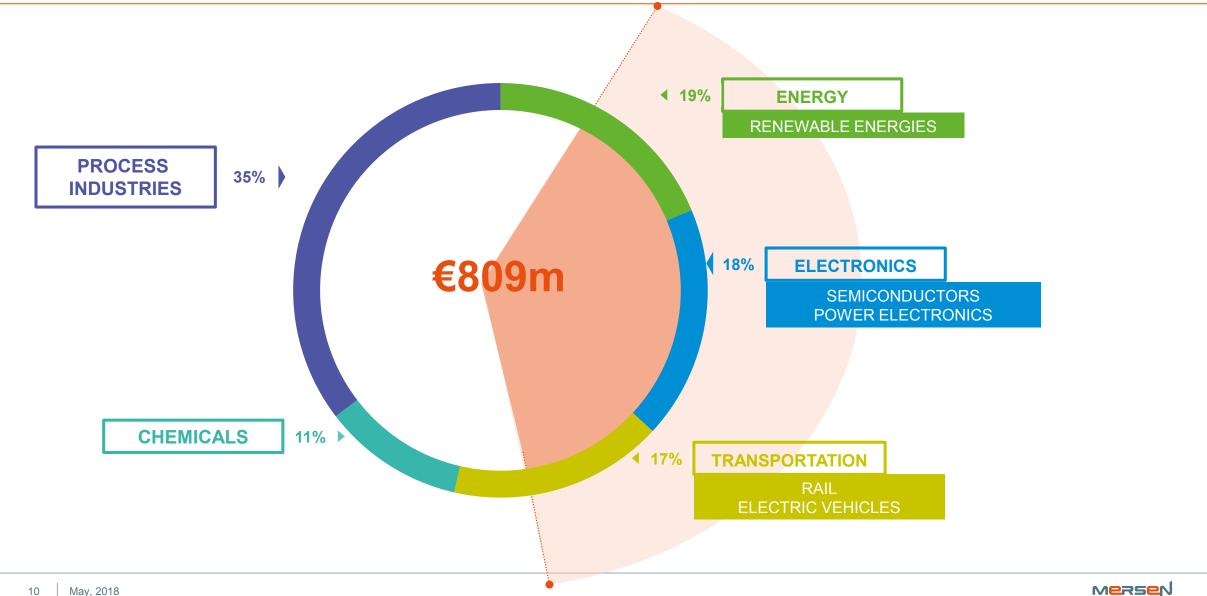
In 2017 €1.3m provisions for environmental risks

Proportion of waste recycled: +5 points vs 2016

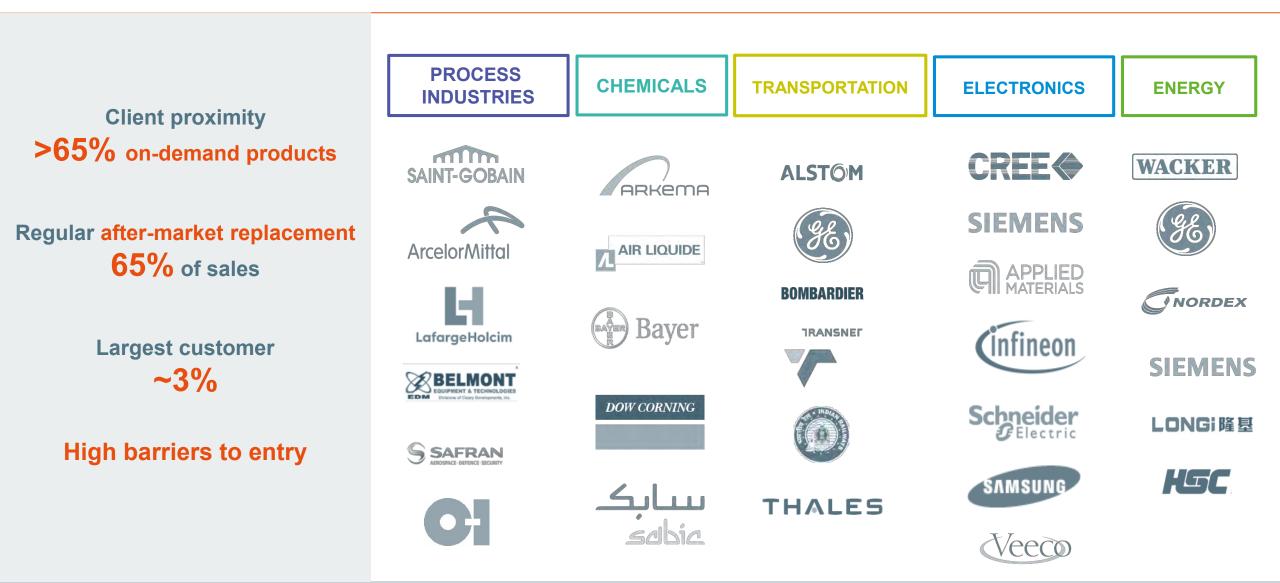
*At constant perimeter



40% OF OUR MARKETS LINKED TO SUSTAINABLE DEVELOPMENT



STRONG CUSTOMER'S PORTFOLIO

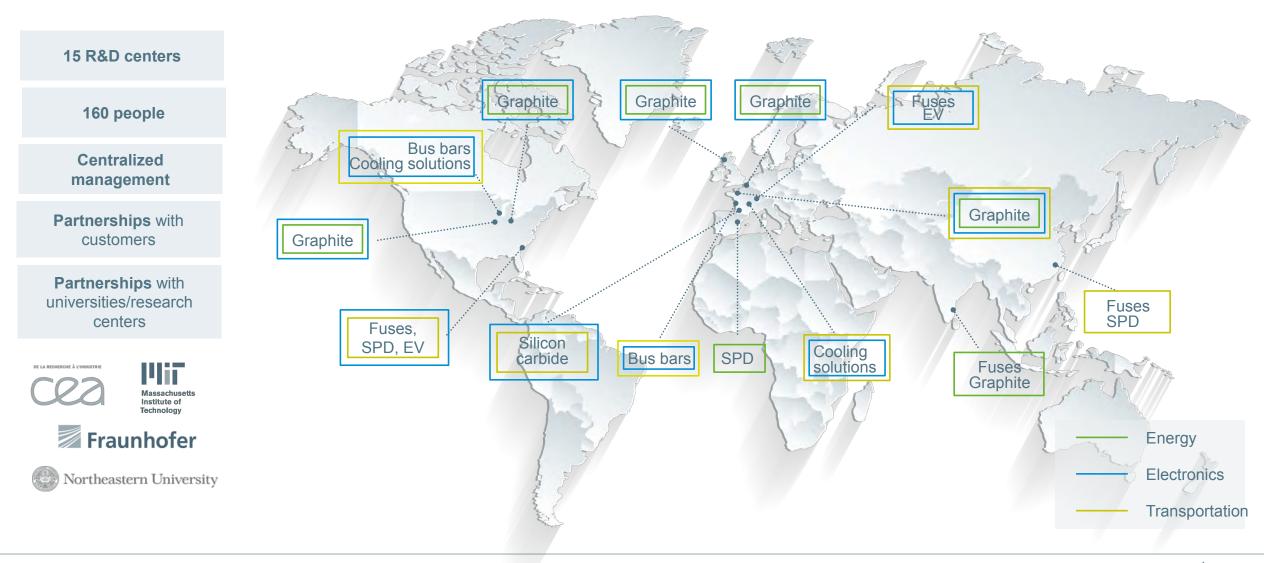


DRIVEN BY FAVORABLE UNDERLYING MARKET TRENDS

Energy	ELECTRONICS	TRANSPORTATION	PROCESS INDUSTRIES
RENEWABLE ENERGIES	ENERGY EFFICIENCY DIGITIZATION	URBANIZATION MOBILITY ELECTRIFICATION	INDUSTRIALIZATION
Solar and wind power Battery-based energy storage (solar power, electricity grid)	Reducing energy consumption Converting electrical power (speed drives) LED lighting Calculation and storage power Electronics/semiconductors	Electric vehicles (including eBuses and eTrucks) Batteries for electric vehicles Aeronautics Public transportation (tramways, subways)	General growth for process industries in Asia

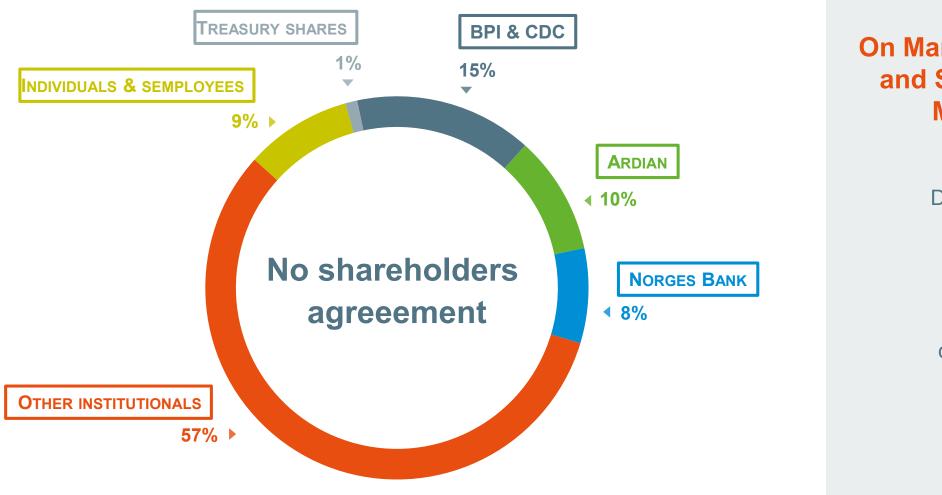
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TIGHTENING THE R&D FOCUS IN OUR GROWTH MARKETS





RECENT CHANGE IN SHAREHOLDING AND BOARD STRUCTURE



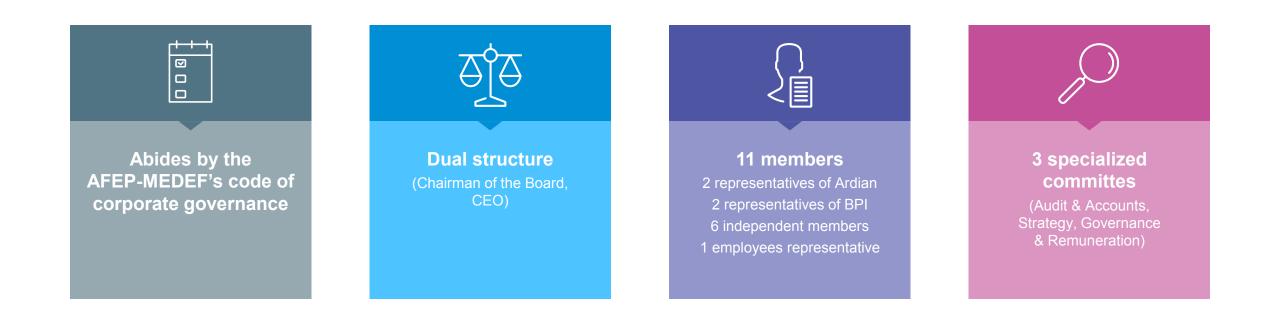
On March 15, 2018, Ardian and Sofina sold 11% of Mersen capital

> ARDIAN Decrease from 18% © to 10% of shareholding

SOFINA decrease from 8% to 4% of shareholding

Mersen

MERSEN: A CORPORATE GOVERNANCE STRUCTURE BUILT ON BALANCE AND TRANSPARENCY



In 2017 11 meeting | 91% attendance rate

Today 60% independents | 50% womens



PREVENTING RISKS POUR SECURE OUR DEVELOPMENT



Annual update of risk mapping

Under the supervision of the Board

Every 3 years audit by external experts

Specific Risks mapping (IS, EV, bribery)

Work in progress on ISR risk mapping



Internal audit Structure

Under the supervision of the Audit & Accounts committee

Internal Control Manual updated annually

On-going deployment of Continuous monitoring

Cross audits: a pool of 71 internal auditors



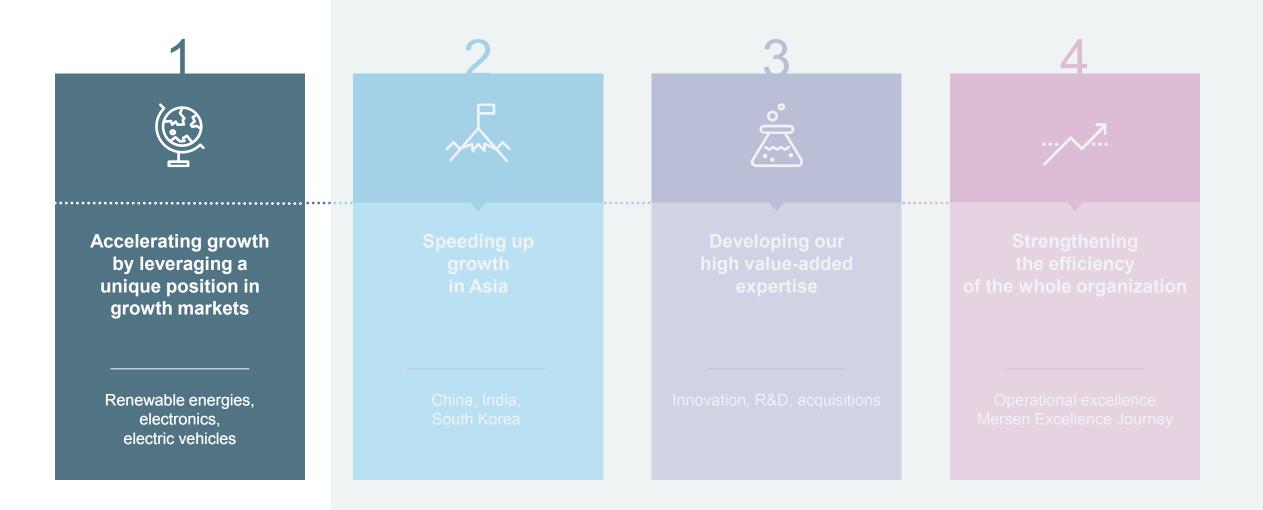
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PROFITABLE GROWTH DRIVERS



MERSEN'S PROFITABLE GROWTH DRIVERS IN THE MEDIUM TERM

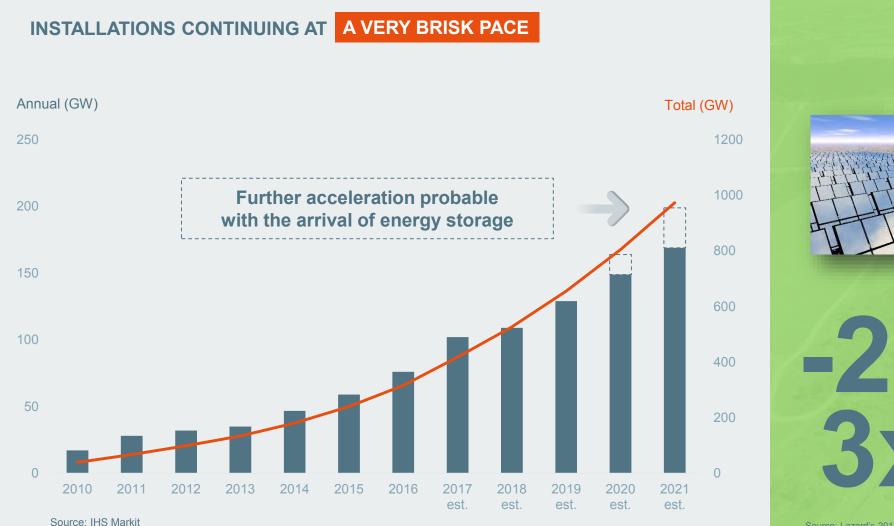






SOLAR POWER: MAJOR POTENTIAL FOR THE LONG TERM





THE LOWEST ENERGY PRODUCTION COST



cheaper

vs natural gas

than nuclear energy

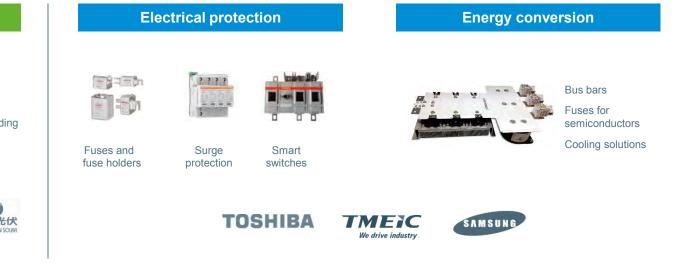
Source: Lazard's 2017 Levelized Cost of Energy Analysis



MERSEN'S STRENGTHS IN THE SOLAR POWER MARKET







PRESENCE IN ASIA (70% of customer base)

FORMULATION of graphite applications

EXPERTISE in increasingly large parts

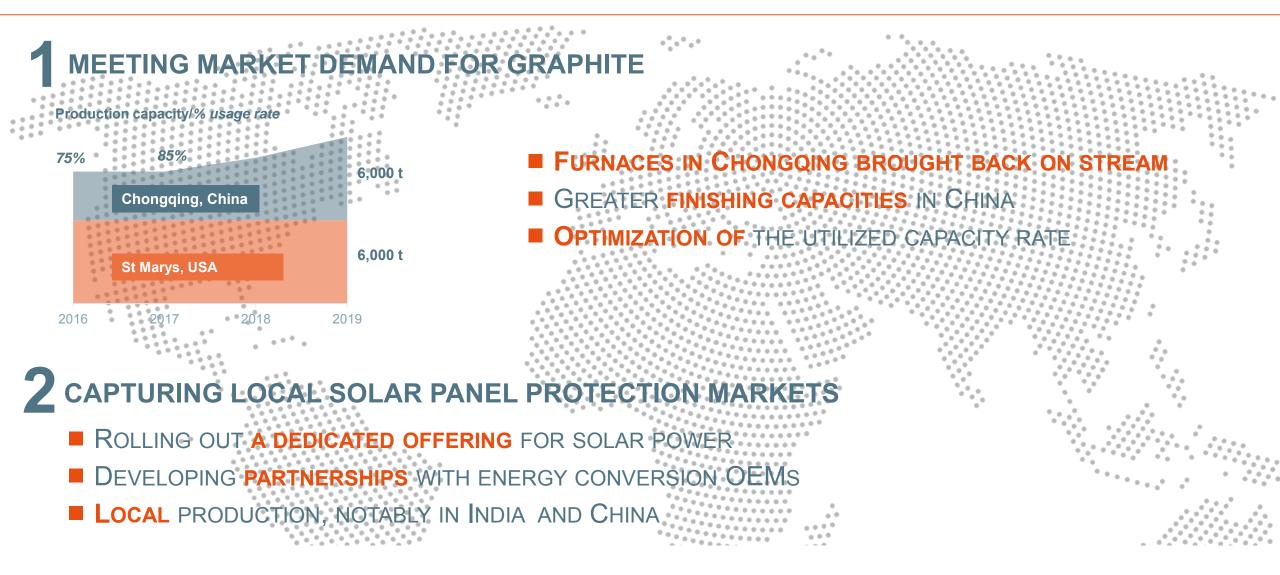
PRODUCTION CAPACITY (no. 1 worldwide)

GLOBAL PRESENCE (local market of panel builders) RELATIONS with energy conversion OEMs COMPREHENSIVE PROTECTION OFFERING for solar power INNOVATIVE PRODUCTS for a market of the future: battery-based energy storage



MERSEN'S STRENGTHS IN THE SOLAR POWER MARKET





THE ELECTRONICS MARKET DRIVEN BY 2 MAIN FACTORS





Energy savings and power conversion





MERSEN'S STRENGTHS IN THE ELECTRONICS MARKET





PRESENCE IN THE UNITED STATES for the OEM market (semiconductors)

PRESENCE IN ASIA for the replacement parts market (emicon fab. in Taïwan and South Korea)

UNIQUE CAPACITY to partner the technological breakthroughs made by semiconductor machine manufacturers

OFFERING of passive components for OEMs

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DESIGN CAPACITY
for OEMs
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PREPARING TO CAPITALIZE ON THE MOVE TO CHINESE PRODUCTION

Chinese government's plan to develop the semiconductor industry

Develop our high-tech manufacturing base

Draw on our production experience in the solar sector

CREATING NEW PRODUCTION CAPACITY IN ASIA

Power electronics and electrical protection in India for Western OEMs

Protection of fuses/batteries in China

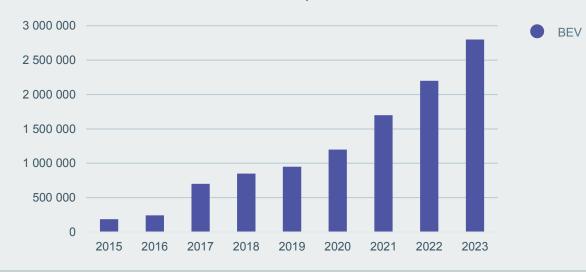
Extension of our power electronics capacity in China

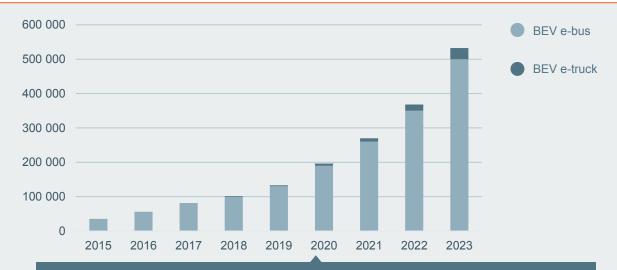
Extension of our capacity for the semiconductors market in South Korea

ELECTRIC VEHICLES: A HIGH-END MARKET OF THE FUTURE



PASSENGER CARS





BUSES, TRUCKS & OTHER INDUSTRIAL VEHICLES

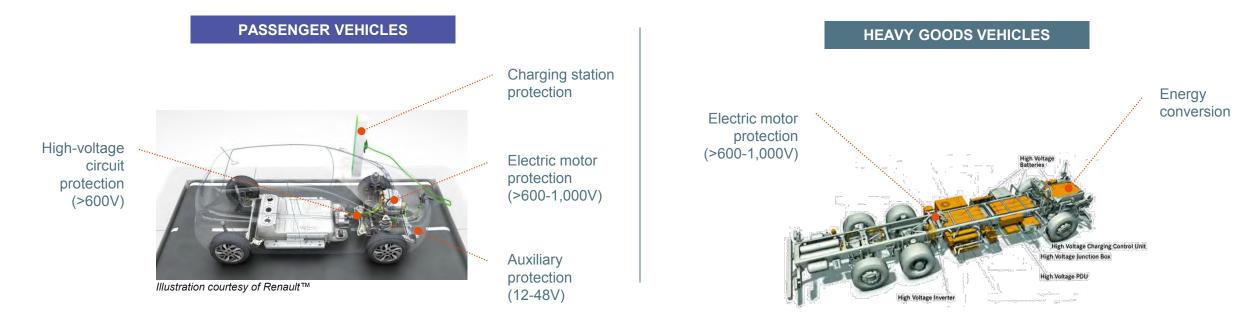






MERSEN'S STRENGTHS IN THE ELECTRIC VEHICLES MARKET











A major challenge: **safety** for **high-end** passenger vehicles (>600-1,000V)

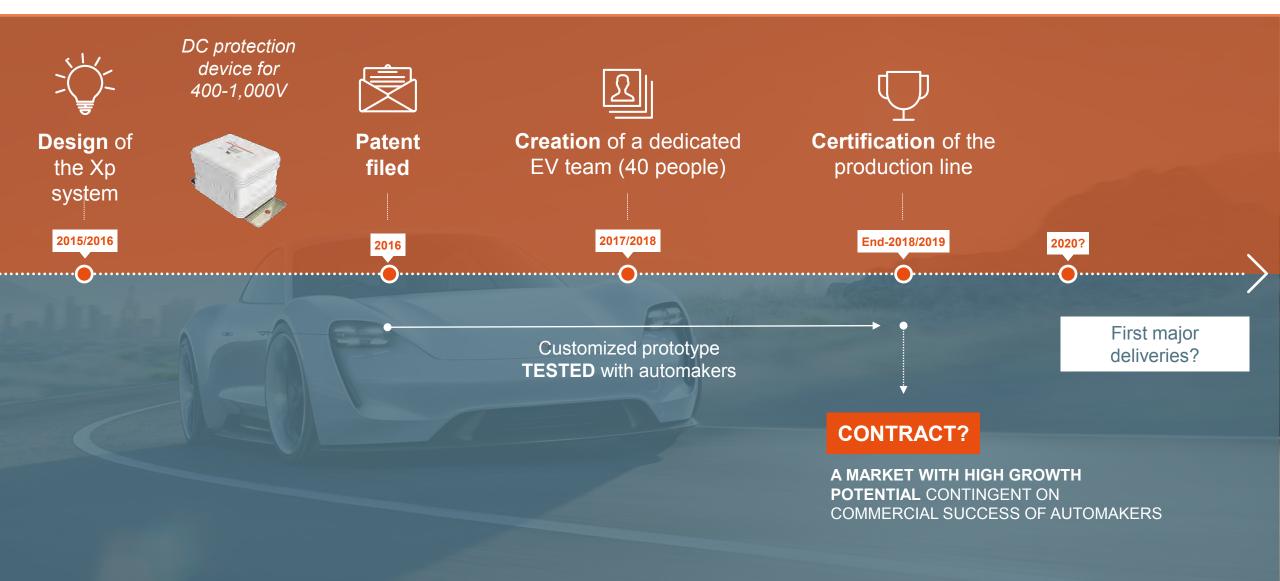


A wide product range for high-power electric motors (800-1,000V)



KEY DATES IN THE ELECTRIC VEHICLE MARKET

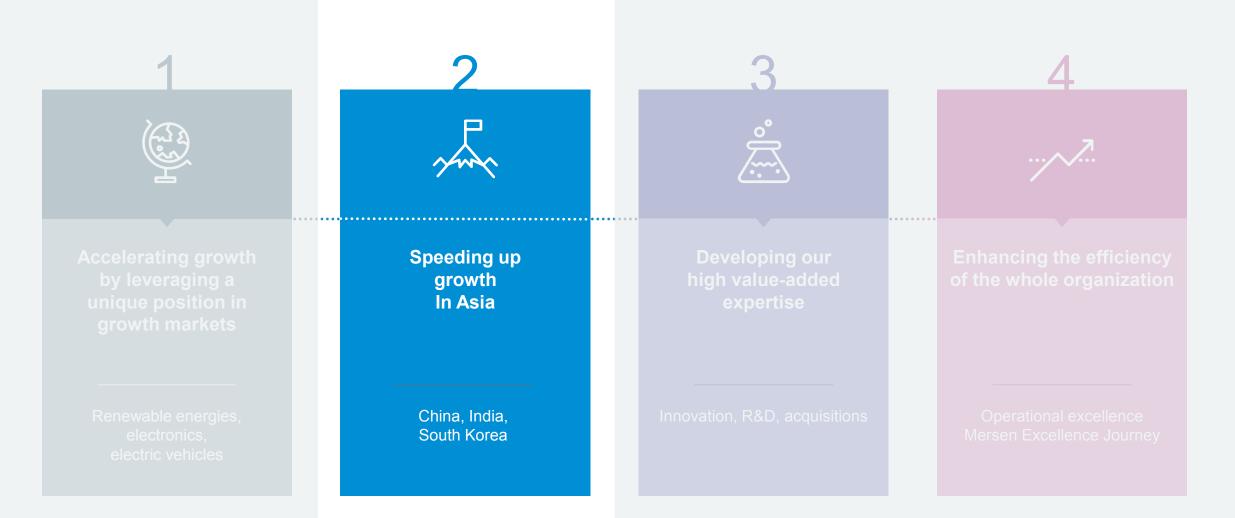






MERSEN'S PROFITABLE GROWTH DRIVERS IN THE MEDIUM TERM

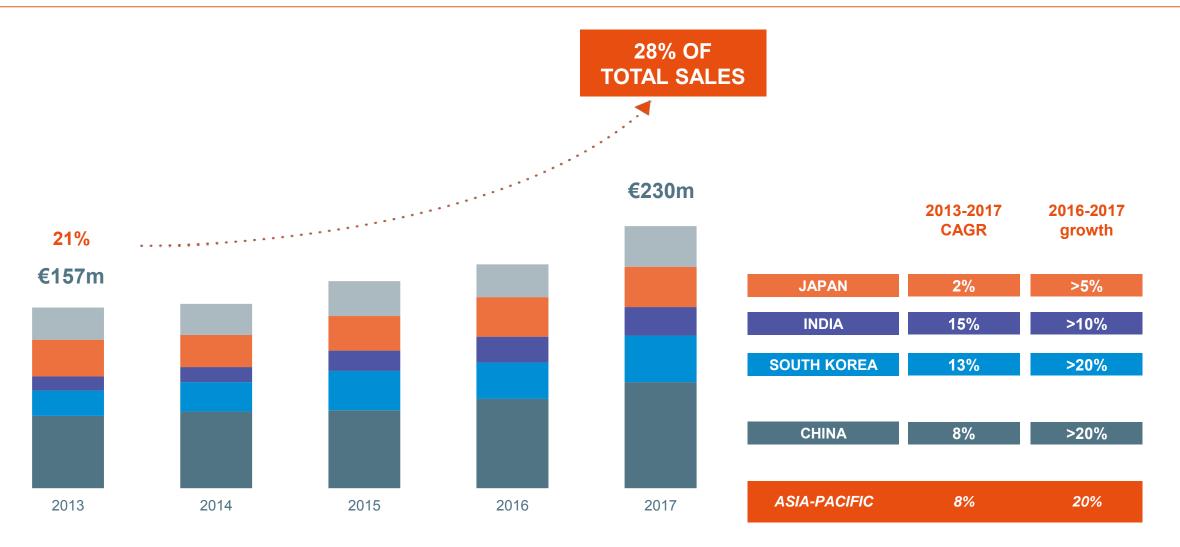






ASIA: A MAJOR GROWTH REGION, WITH THE PACE ACCELERATING IN **2017**



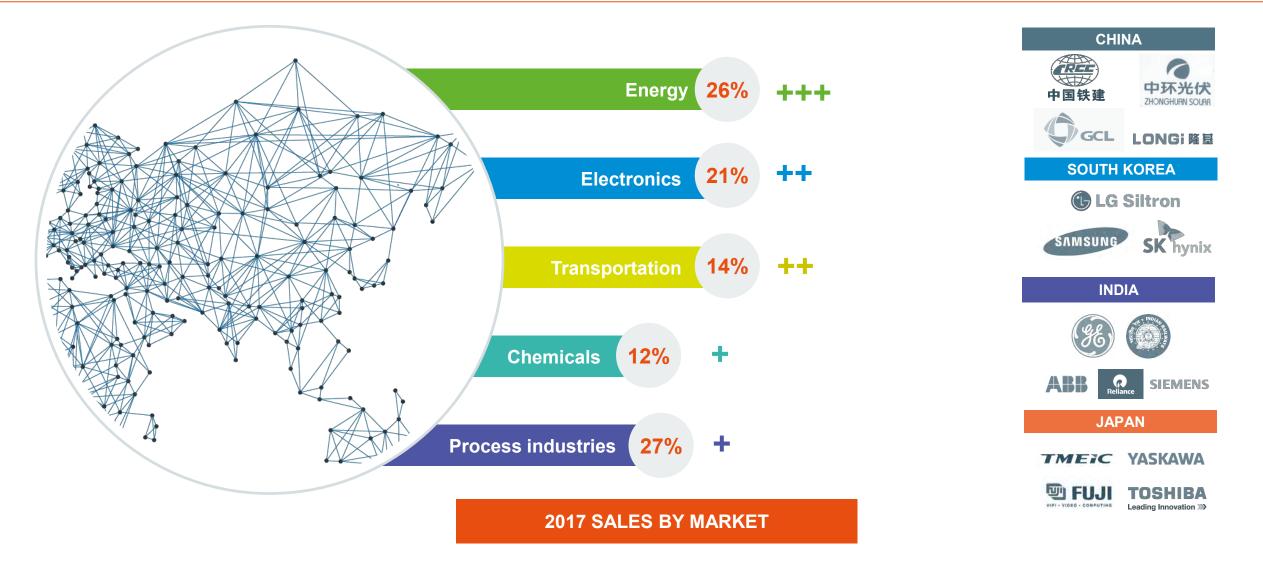


29 May, 2018

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ASIA: A HIGH-GROWTH REGION WHERE MOST OF OUR GROWTH MARKETS ARE LOCATED







READY TO CAPTURE FUTURE GROWTH...



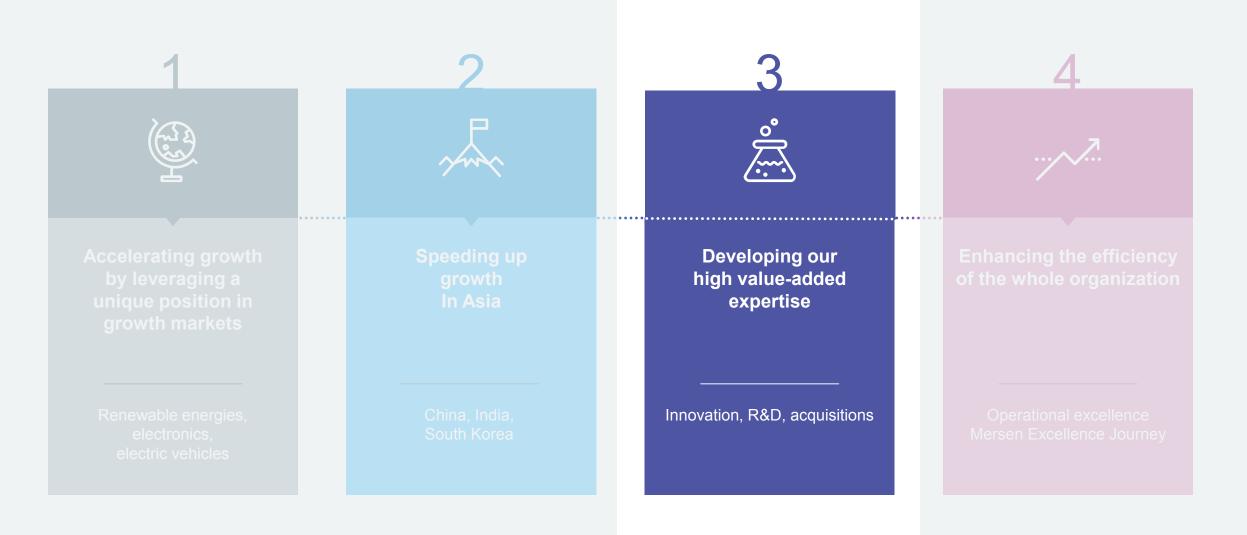


31 May, 2018

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MERSEN'S PROFITABLE GROWTH DRIVERS IN THE MEDIUM TERM



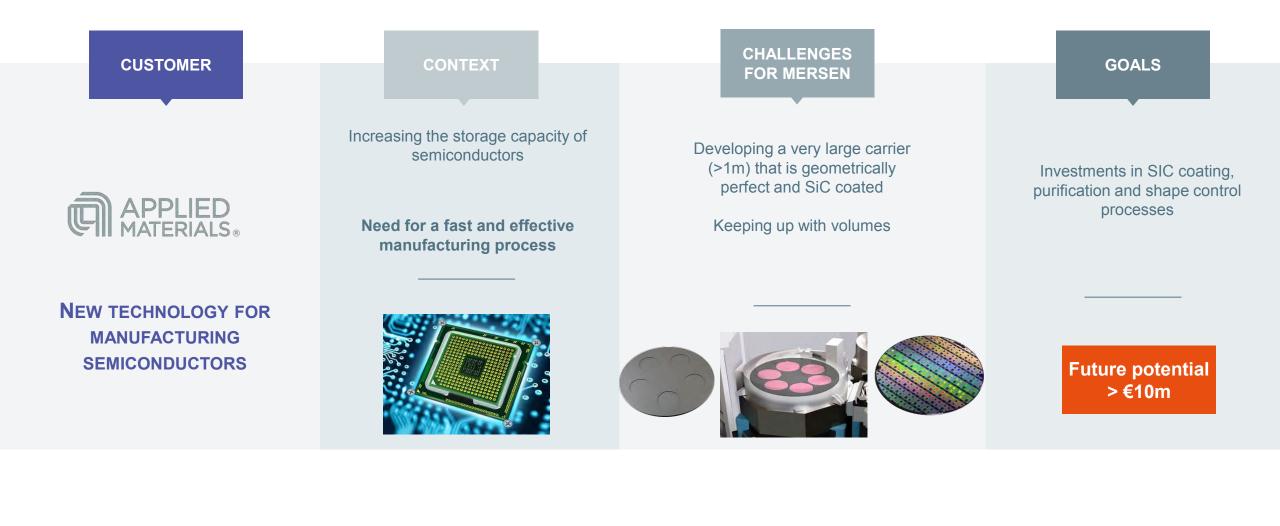


32 May, 2018



MERSEN PARTNERS ITS CUSTOMERS' CRITICAL DEVELOPMENTS

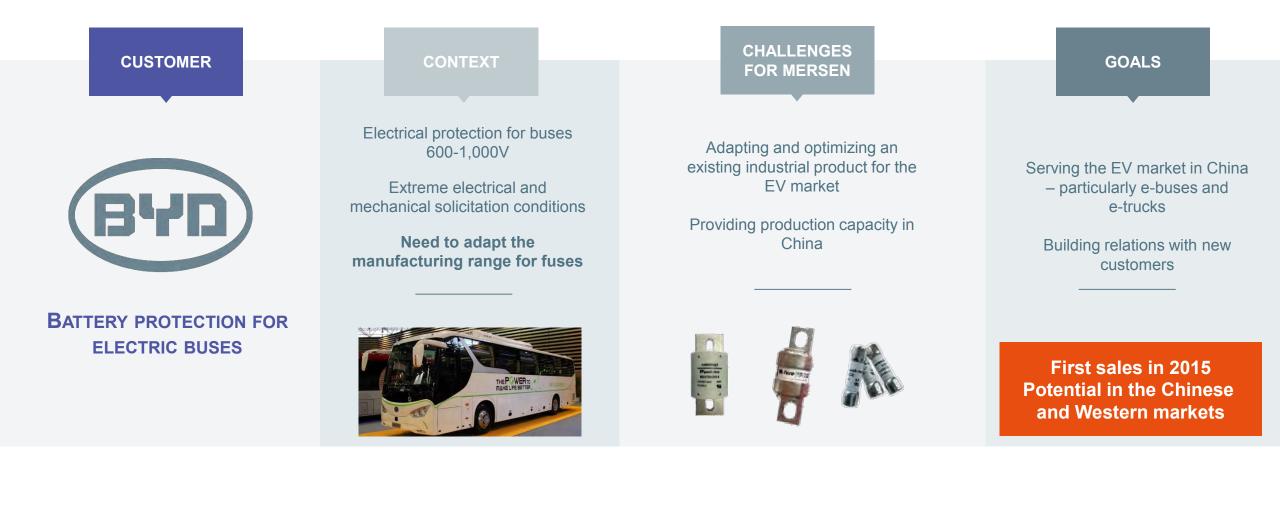






MERSEN PARTNERS ITS CUSTOMERS' CRITICAL DEVELOPMENTS

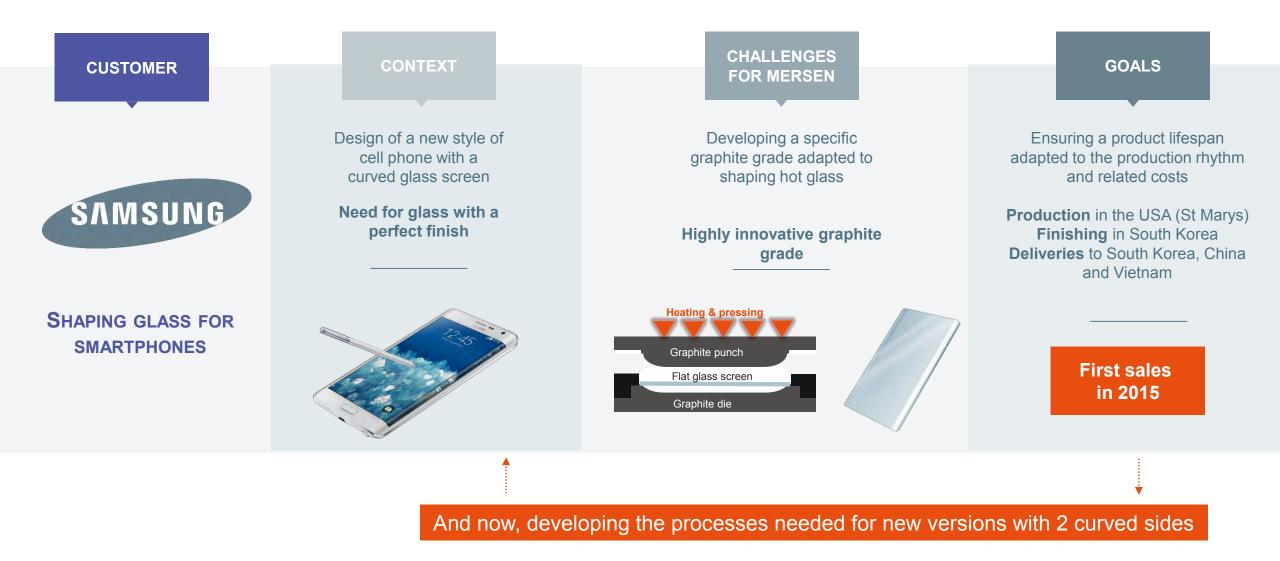






MERSEN PARTNERS ITS CUSTOMERS' CRITICAL DEVELOPMENTS

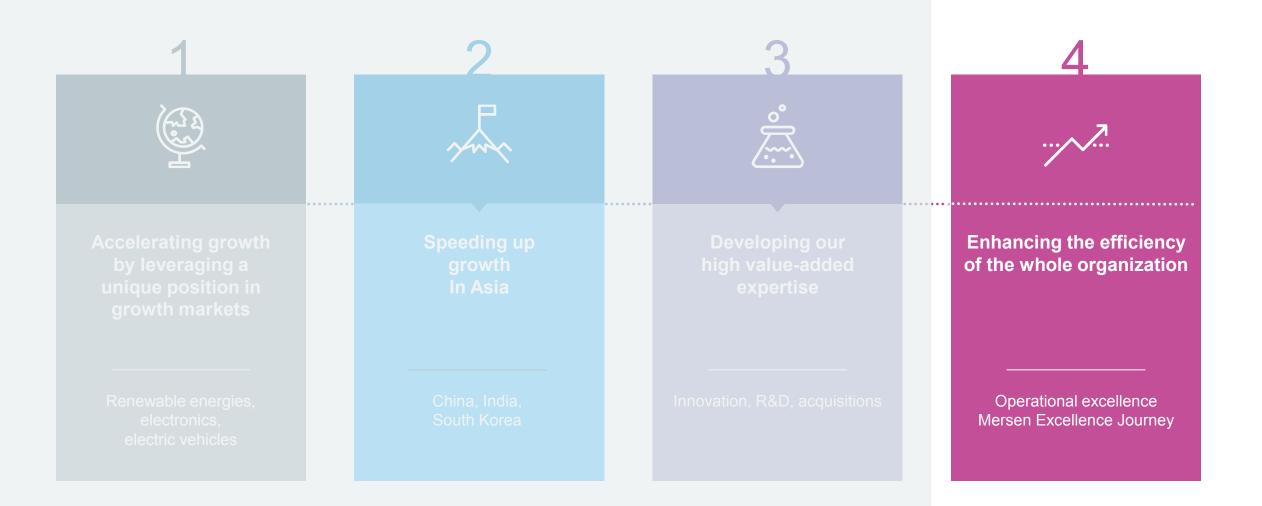






MERSEN'S PROFITABLE GROWTH DRIVERS IN THE MEDIUM TERM







MAJOR IMPROVEMENTS IN RECENT YEARS...



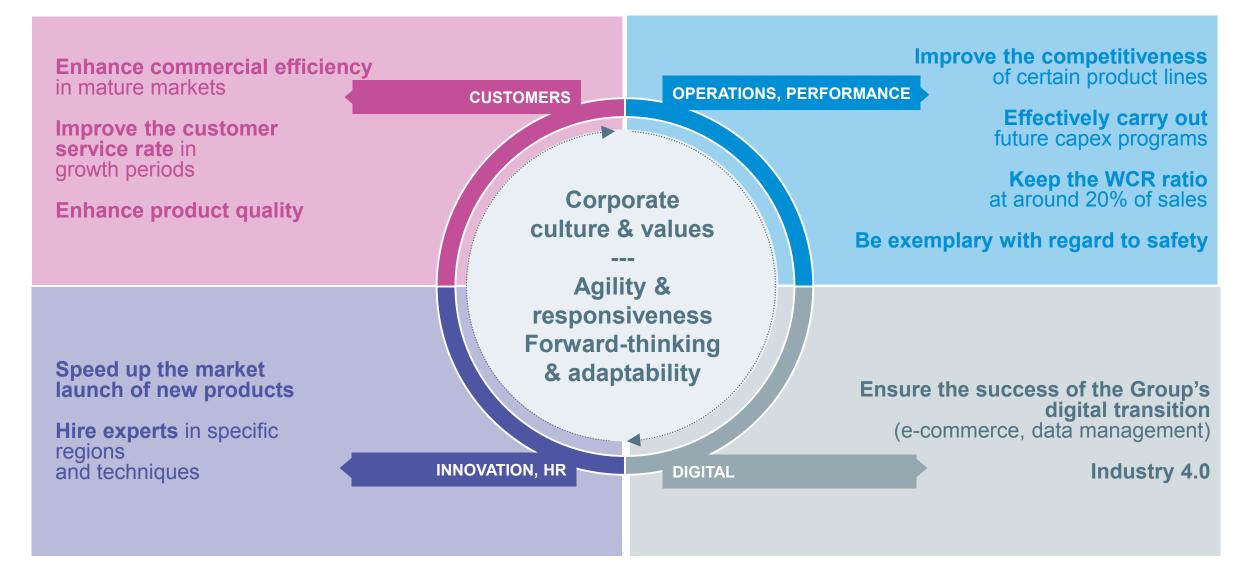




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THAT WILL CONTINUE WITH MERSEN EXCELLENCE JOURNEY







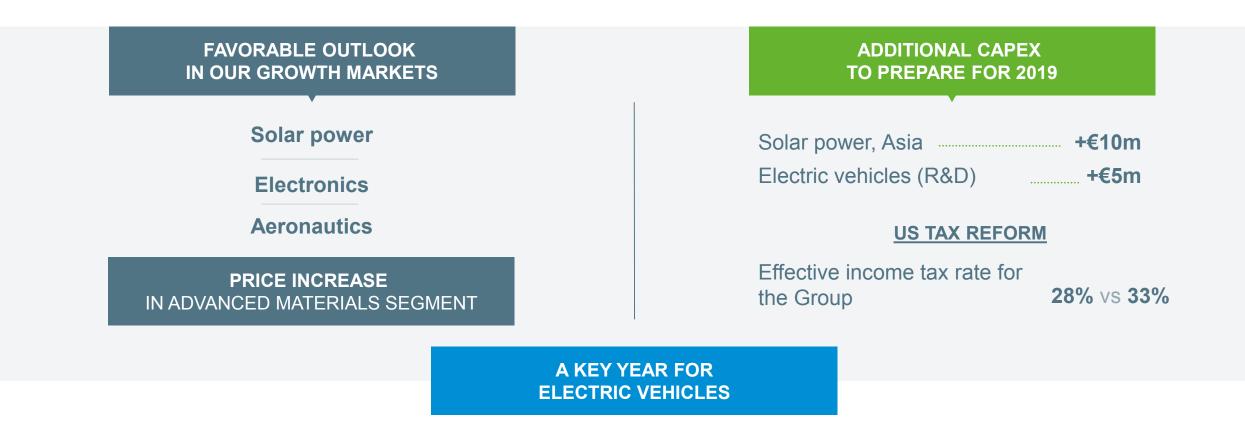
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2018: ANOTHER YEAR OF GROWTH

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2018: ANOTHER YEAR OF GROWTH



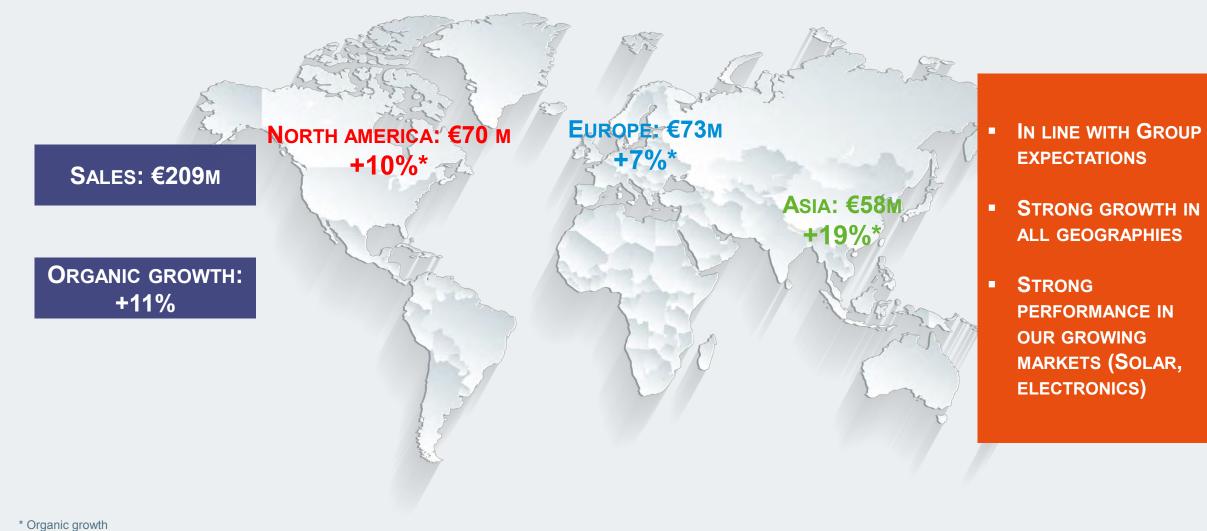


2018: ANOTHER YEAR OF GROWTH



* Excluding the currency effect and impact of changes in scope of consolidation

Q1 2018: A VERY STRONG START OF THE YEAR...



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...WITH M&A ACTIVITY

CIRPROTEC

Acquisition of the remaining capital (49%)

OBJECTIVE Accelerate our development in the power quality segment

> IMPACTS IN 2018 Less minority interests €10 additional debt



CALY TECHNOLOGIES

Acquisition of 49%

OBJECTIVE Strengthen our expertise in Silicon Carbide semiconductor technology

> IMPACTS IN 2018 ns (R&D mainly)



IDEALEC

Acquisition of 100%

OBJECTIVE Consolidation in the busbars market

IMPACTS IN 2018 2018 Sales: €4m (8 months) Debt and Op. result: ns

