

HELLA GmbH & Co. KGaA

Company Presentation

Q1 FY 2017/2018

Disclaimer

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This document contains an English translation of the accounts of the Company and its subsidiaries. In the event of a discrepancy between the English translation herein and the official German version of such accounts, the official German version is the legal valid and binding version of the accounts and shall prevail.



HELLA Company Presentation Q1 FY 2017/18

Outline

- HELLA Financial Highlights Q1 FY 2017/18
- HELLA Financial Results Q1 FY 2017/18
- Outlook

BACKUP



Positive sales growth and EBIT increase in Q1 FY 2017/18

Financial Highlights Q1 FY 2017/18

Sales

■ HELLA Group currency adjusted sales grew by 5.8% YoY to 1.6 bill. EUR

Profitability

- Adj. Gross Profit margin at 27.7% (+0.2%-points YoY)
- Adj. EBIT +7 mill. EUR (+5.6% YoY) at 125 mill. EUR
- Adjusted EBIT margin +0.1pp to 7.7%

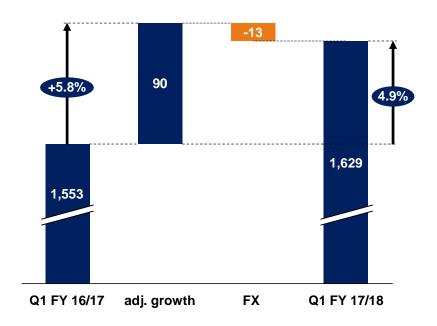
Liquidity

■ Adjusted Free Cash Flow from operating activities increased by 20 mill. EUR (+64% YoY) to 50 mill. EUR mainly due to higher funds from operations

Note: Adjustments including restructuring expenses in Q1 FY 16/17 and Q1 FY 17/18. Please note that where sums and percentages in the presentation have been rounded, differences may arise as a result of commercial rounding.

HELLA top line growth with expected development in Q1 FY 17/18 Financial Highlights Q1 FY 2017/18

HELLA Group sales (EUR millions)



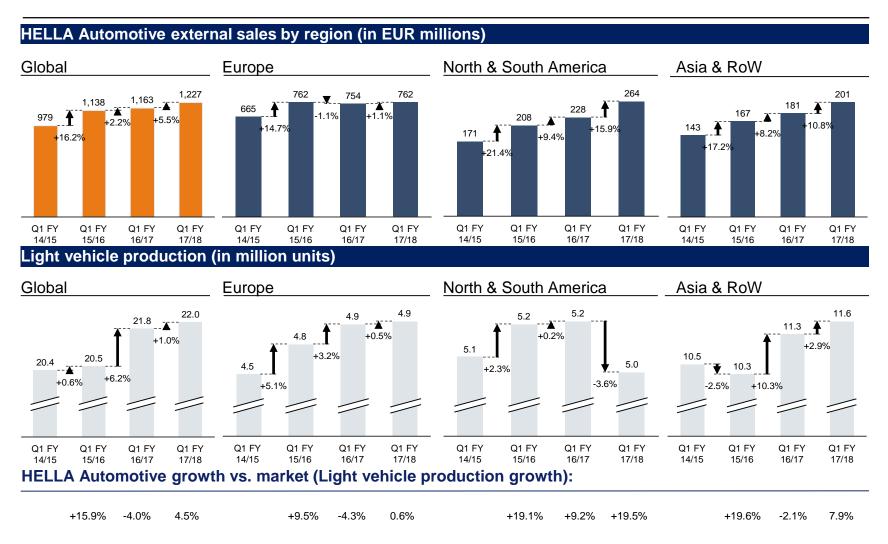
Comment

- Currency adjusted growth HELLA Group at 5.8%
- Reported sales growth HELLA Group at 4.9% (increased by 77 mill. EUR, + to 1,629 mill. EUR)
 - Automotive + 5.9% to 1,244 mill. EUR.
 Demand for energy management products, radar solutions and advanced lighting systems drives business. Lighting still with ongoing ramp-ups
 - Aftermarket external sales +2.0%,
 positive demand from Independent
 Aftermarket and Wholesale
 - Special Applications +12.3% to 100 mill.
 EUR, positive development in agriculture and constructions as well as over-proportional demand in Australia



Automotive outperforming LVP in all regions

Financial Highlights Q1 FY 2017/18



Please note that where sums and percentages in the presentation have been rounded, differences may arise as a result of commercial rounding. Source: HELLA; IHS (as of September 2017)



HELLA Company Presentation Q1 FY 2017/18

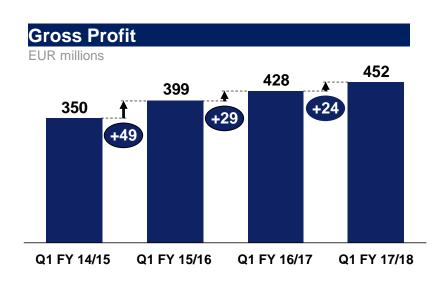
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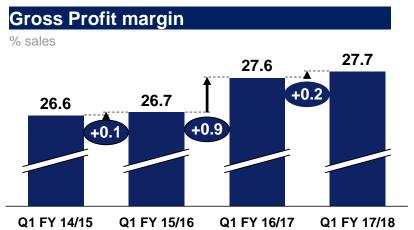


GPM increase due to stronger Aftermarket and Special ApplicationsFinancial results Q1 FY 2017/18



Highlights

- Adj. Gross Profit increased by 24 mill. EUR (+5.6%) to 452 mill. EUR
 - Automotive + 4.2% to 306 mill. EUR
 - Aftermarket + 2.2% to 105 mill. EUR
 - Special Applications +33.1% to 41 mill. FUR



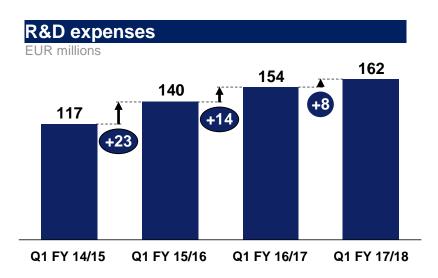
Highlights

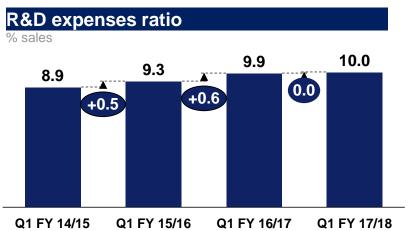
- Adj. Gross Profit margin improved by 0.2%-points to 27.7%
 - increased margins in Aftermarket and Special Applications
 - ongoing capacity increase with initially lower utilization negatively affected GPM in Automotive



Continuous high R&D expenses to secure future growth

Financial results Q1 FY 2017/18





Highlights

- Absolute R&D expenses increased by 8 mill. EUR (+5.5% YoY) to 162 mill. EUR, mainly:
 - booked business
 - exploring potential of market trends
 - enhancements of product portfolio

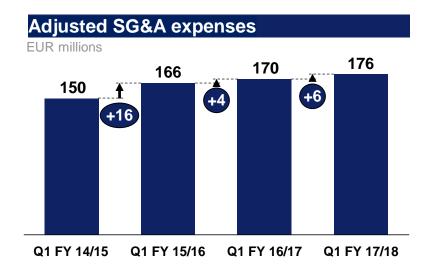
Highlights

Q1 FY 17/18 ratio nearly constant at
 10% due to high level of absolute
 R&D expenses

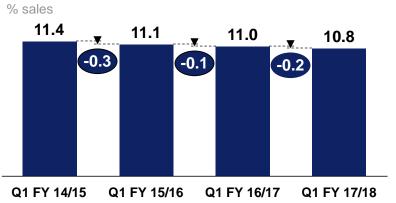


Relatively stable development of SG&A costs

Financial results Q1 FY 2017/18







Highlights

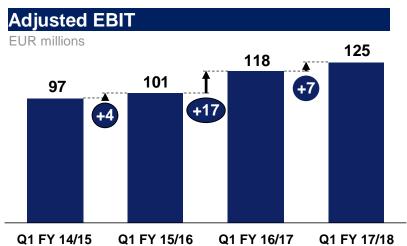
- Only slight increase (+ 6 mill. EUR, + 3.3%) of SG&A costs mainly due to increase in distribution expenses:
 - distribution expenses +5 mill. EUR (+4.5%) to 128 mill. EUR driven by Aftermarket business extension and higher logistic costs in Automotive in Eastern Europe

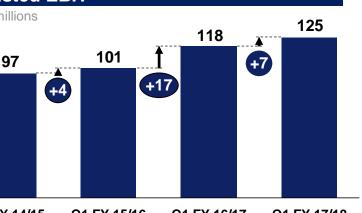
Highlights

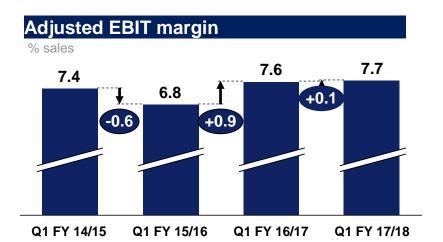
- SG&A ratio -0.2%-points to 10.8%, ratio of structural costs shows in general a stable development
 - distribution cost ratio constant at 7.9%
 - administrative cost ratio -0.2%-points to 3.3%
 - adjusted other income and expenses-0.1%-points to 0.4%



Adjusted EBIT and EBIT margin above prior-year's level Financial results Q1 FY 2017/18







Highlights

- Adjusted EBIT increased by 7mill. EUR (+5.6%) to **125 mill. EUR**
 - increase in Gross Profit by 24 mill. EUR (+5.6%)
 - higher R&D (+8 mill. EUR, +5.5%)
 - decline in JV income by 3 mill. EUR (-21.8%)

Highlights

- Adj. EBIT margin increased by **0.1%-points** to **7.7%**:
 - slight increase of GPM by 0.2%points
 - higher R&D expenses with increase of ratio by 0.1%-points
 - decreased contribution of JVs affected profitability negatively by 0.2%-points

P&L including reconciliation

Financial results Q1 FY 2017/18

Quarterly comparison

HELLA GROUP		Q1	Q1
in EUR mill.		FY 16/17	FY 17/18
Gross Profit	reported	427.8	451.1
	Restructuring	0.0	0.6
	adjusted	427.8	451.7
Other income and expenses	reported	5.3	5.1
	Restructuring	1.7	1.2
	adjusted	7.1	6.2
EBIT	reported	116.5	123.2
	Restructuring	1.7	1.8
	adjusted	118.3	124.9
Net financial result		-10.1	-11.9
Taxes		-23.0	-28.4
Earnings for the period		83.5	82.9
Earnings per share (EUR)		0.75	0.74

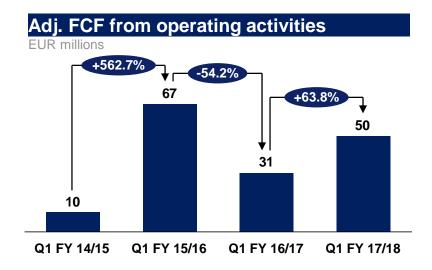
Comments

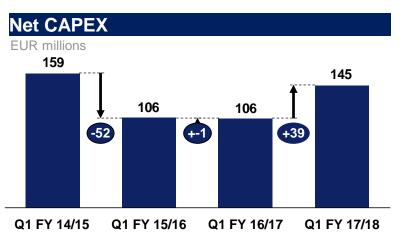
- Reported EBIT Q1 slightly negatively impacted by restructuring expenses in Germany
- Net financial result decreased due to the funding of activities in growth regions at higher local interest rates
- Earnings for the period decreased slightly despite EBIT increase; higher tax payments after low comparable tax rate in Q1 PY
- EPS decreased by 1 Cent to 0.74 EUR



Adj. Free Cash Flow from operating activities increased due to higher funds from operations

Financial results Q1 FY 2017/18





Highlights

- Adj. Free Cash Flow from operating activities increased by 20 mill. EUR to 50 mill. EUR, mainly:
 - increased funds from operations
 - lower Working Capital consumption

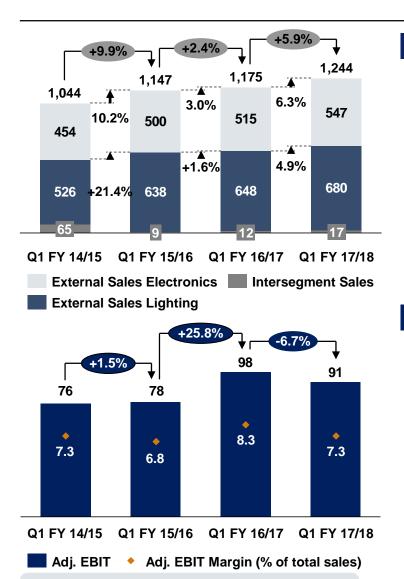
Highlights

- Net CAPEX increased by 39 mill. EUR to **145 mill**. EUR
- Continuous investments in customer-specific equipment, start of capacity extension
- Reimbursements decreased by 16 mill. EUR to 11 mill. EUR depending on project launches



Automotive segment with increasing growth

Financial results Q1 FY 2017/18



Automotive Sales

- **Growth** of **5.9%** with ongoing project **ramp-ups** started in H2 FY 16/17:
 - demand for energy management products and radar drives Electronics
 - demand for LED headlamps in Lighting
 - ongoing growth dynamics expected

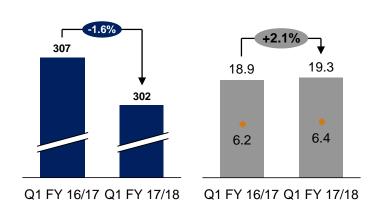
Automotive Profitability

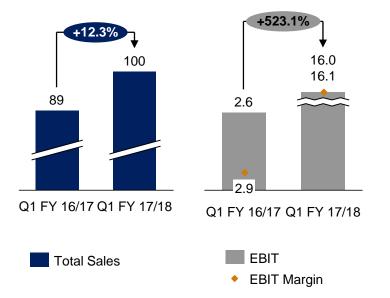
- Decline of adj. EBIT by 6.7% to 91 mill. EUR:
 - capacity increase with initially lower utilization level
 - increase in R&D to prepare new launches
 - lower JV contribution due to weakness in Asian joint ventures
 - negative FX effects



Non Automotive segments with positive contributions

Financial results Q1 FY 2017/18





Aftermarket

- External sales growth (+2.0%) due to positive IAM and wholesale business
- Total sales declined by 1.6%, mainly due to new allocation between Aftermarket and Special Applications segments
- EBIT margin +0.2pp due to increase in GPM (+1.3%-points) driven by mix effects

Special Applications

- Strong top-line growth (+12.3%):
- increasing demand in Agricultural and Construction sector
- other product groups e.g. Trailer also growing
- over-proportional growth in Australia
- Massive profitability increase (>500%)
- strong top line growth
- negative effects from the sale of Industries &
 Airport lighting activities in Q1 FY 16/17



HELLA Company Presentation Q1 FY 2017/18

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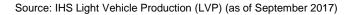
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Overall market FY 17/18 expected to grow by 1.3% according to IHS Outlook

Region	Expected LVP (in m units)	Comment
Europe	22.4 FY 17/18	■ Continuing growth in 2017/18 expected. Europe excluding Germany expected to grow by 3.9% to 16.5m units, Germany with an expected decline of 1.0% to 5.9m units
NSA	20.8 FY 17/18	After weak first half, better growth dynamic in H2 2017/18 expected
China	27.5 FY 17/18	■ After weak first half (-0.6%), China expected to stay flat in 2017/18, Asia/RoW expected to grow by 1.0% to 50.9m units
Global	+1.3% +95.8 FY 17/18	■ Overall market expected to grow by 1.3%



Company specific development for FY 17/18 confirmed Guidance

Presuming no serious economic turmoil, we assume a positive development of the operative HELLA business for FY 2017/18:

Sales growth

■ Growth excluding FX between 5-10%

Adj. EBIT growth

■ Growth between 5-10%

Adj. EBIT margin

■ Margin around 8%



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- HELLA at a Glance



Market and technology leadership as key strategic principles HELLA at a glance – Overview

KEY FACTS

- Founded 1899 in Lippstadt (Germany)
- Global footprint with around 38,000 employees at more than 125 locations in some 35 countries
 - Thereof: 41 research & 28 production sites
- Integrated business portfolio in Automotive, Aftermarket, and Special Applications
- Leading market positions in automotive Lighting and Electronics
- One of the top 40 automotive suppliers in the world and one of the 100 largest German industrial companies

SALES BY BUSINESS SEGMENT

external sales, fiscal year 2016/2017



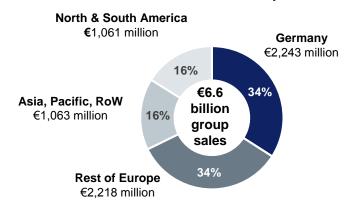
KEY FINANCIALS

in EUR millions and % of sales

	FY 2015/16	FY 2016/17	Change
Sales	6,352	6,585	+3.7%
Adjusted EBIT	476	534	+12.0%
Adjusted EBIT margin	7.5%	8.1%	+0.6% points
Adjusted Free Cash Flow	155	149	-3.9%

SALES BY REGION

based on the HQs of HELLA's customers, fiscal year 2016/2017

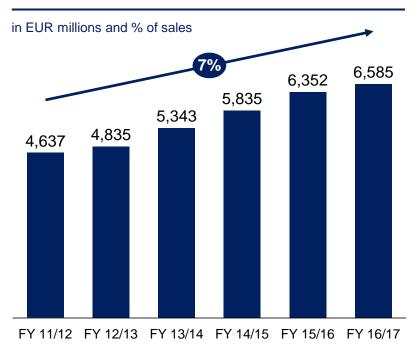




HELLA has shown sustainable profitable growth since automotive crisis

HELLA at a glance – Sales and EBIT development

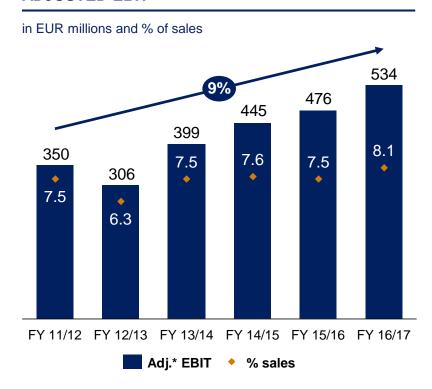
SALES



Sustainable growth during the last years mainly driven by Automotive

 Aftermarket and Special Applications also with positive growth

ADJUSTED EBIT



- Continuous EBIT increase despite large investments in global structures and R&D
- Overall stable margin level through growth driven by technology leadership and increased efficiency



High financial stability ensuring long-term growth perspective HELLA at a glance – Financial stability

Solid capital structure Debt and maturity profile*, in millions EUR Leverage (Net debt / EBITDA) 0.7x0.6x500 0.5x300 0.3x0.3x0.2x105 117 70 May 12 May 13 May 14 May 15 May 16 May 17 2020 2024 2032 2033 Other Debt** Aflac*** **Bond Bond** Aflac **Gearing (Net debt / Equity)** (2.375%) (1.0%) bond I bond II 0.3x0.3x0.3xAdditional Revolving Credit (2022) of EUR 450m with 10 core banks as back-up 0.1x0.1x0.1xfacility

Strategic flexibility

HELLA has a stable and solid financial fundament which forms the basis for its future strategic plans

- → Prudent financial policy throughout the cycle with leverage < 1.0x
- Financing of longterm growth strategy secured
- Well balanced debt portfolio
- New issuing (senior, unsecured / bearer debt) for attractive conditions
- Mid term target: Leverage < 1.0x

- Good liquidity profile and consistent liquidity management

May 12 May 13 May 14 May 15 May 16 May 17

- EUR 102m dividends (0.92EUR/share) paid October 2017
- Equity ratio at 39.5% and cash & assets at 1,098 mill. EUR

^{*} As of August, 2017; Euro Bond I: 1,15%, Euro Bond II: 2,375%, Euro Bond III: 1.00%; Aflac bonds hedged values ** Mostly short term loans and evaluation impact *** Abbreviation for "American Family Life Insurance Company"



Capital-market-oriented capital structure with investment grade rating

Broad automotive portfolio in strong growing areas

HELLA at a glance – Business Segment Automotive

BUSINESS OVERVIEW*

Lighting

- Headlamps
- Rear Combination Lamps
- Small Lamps
- Interior Lighting
- Lighting Electronics

#1 market position in LED headlamps Europe

#3-4 global and #1-2 European market position in OE passenger car lighting

► #2-3 global and #1-2 European

electronic segments

market position in defined automotive

Electronics

- Components
- Energy Management
- Driver Assistance Systems
- Body Electronics
- Steering

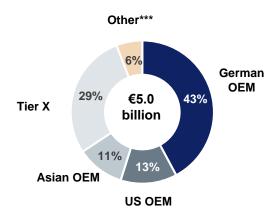
KEY FINANCIALS

in EUR millions and % of sales

	FY 2015/16	FY 2016/17	Change
External Sales	4,804	4,980	+3.7%
Adjusted EBIT**	390	444	+13.8%
Adjusted EBIT margin**	8.1%	8.8%	+0.7% points
Ext. Sales Lighting	2,720	2,788	2.5%
Ext. Sales Electronics	2,084	2,191	5.2%

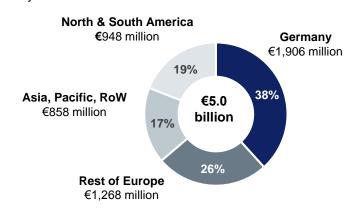
AUTOMOTIVE SALES BY CUSTOMERS

fiscal year 2016/2017



AUTOMOTIVE SALES BY REGIONS

fiscal year 2016/2017



^{*)} All figures related to the selected markets and product categories based on HELLA's portfolio, as covered in an external market study commissioned by HELLA (2014)



^{**)} Adjustments including restructuring expenses and supplier default in FY 15/16

^{***)} Including European OEM (ex Germany) and trucks.

Over the last years HELLA was 1st to market with several technologies which support strong market positions Innovation Leadership – Automotive

SELECTED INNOVATION HIGHLIGHTS



Advanced LED Headlamps

Global Market Position

#1-2

Milestones

2006 Cadillac Escalade Platinum: Full-LED headlamp (1st to segment)

Audi A8: Full-LED headlamp with AFS functions (1st to market)

Audi A8: LED Matrix headlamp with glare-free high beam (1st to market)

Mercedes E-Class: LED Matrix with glare-free high beam (1st to market)



Global Market Position

#1

Milestones

2009 Audi Q7: Introduction of Lane Change Assistant (1st Generation)

Audi A8: Lane Change Assistant + Pre-Crash Rear (2nd Generation)

VW Golf: Blind-Spot Detect + Rear Cross Traffic Alert (3rd Generation)

Opel Mokka: Lane Change Assist + Blind Spot Detect (4th Generation)



Intelligent Battery Sensors

Global Market Position

#2

Milestones

2005 BMW 5-series: Introduction of first IBS product (1st Generation)

Hyundai Sonata: Rollout of IBS product in Korea (2nd Generation)

VW Passat: Global VW platform for IBS product (3rd Generation)

Honda Accord: Global platform for IBS product (4th Generation)



HELLA will benefit in its core business thanks to favorable positioning along major automotive market trends

Business devisions - Electronic and Lighting

MAJOR AUTOMOTIVE MARKET TRENDS







CONNECTIVITY & DIGITALIZATION









Selected Examples

Electronic portfolio

Lighting portfolio



Driving Status

Projections



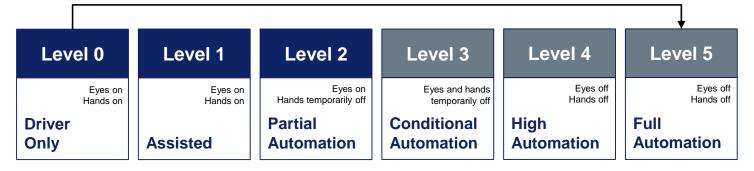






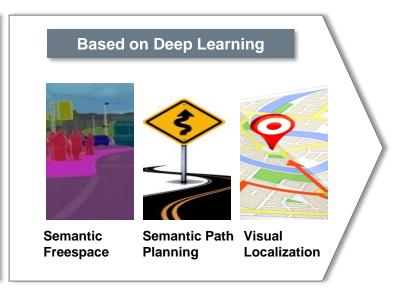
Focus on advanced vision IP and development approaches to enable roadmap towards autonomous driving

Autonomous Driving – Technology Highlights



Current Assistance Functions (NCAP 2018):







New business model for camera software: Flexible, scalable approach for realization of autonomous driving functionality Autonomous Driving – Technology Highlights



Camera Software: "Software as Product"

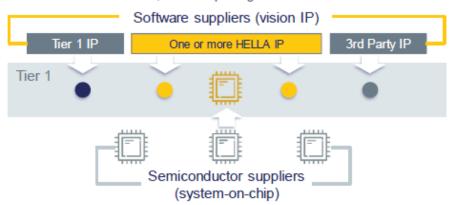
Current Market Model

CLOSED SYSTEM

- Proprietary microprocessor with fixed software package
- System-on-chip and vision IP fixed ("blackbox" approach)
- Limited options for integration and extension of system for customers
- No support for USP creation at customer side

HELLA Approach

OPEN SYSTEM as flexible, scalable package



KEY BENEFITS

- Open systems supports various scalable hardware platforms and vision IP from different sources (own IP, 3rd-party IP)
- Freedom of choice at customer side which vision IP and system-in-chip to integrate
 → creation of USPs possible
- Flexible, scalable approach enables cost-efficient solutions for volume markets



HELLA's 77 GHz radar sensor solution enables efficient 360° environment recognition for the entire vehicle

Autonomous Driving – Technology Highlights





KEY FACTS

- Highly integrated RF-CMOS Radar System Chip
- Higher functional object detection performance
- Dimensions: 65 x 61 x 15 mm

KEY BENEFITS

- Reduced size & weight (significant package reduction compared to previous sensors)
- Identifies & reacts to approaching vehicles from front-side when entering a junction or pulling out forward from parking space
- Identifies & warns of objects in blind spot

MAIN FUNCTIONALITIES



Intersection Assistant



Automated Parking



Automated Driving



Consequent roll-out of 48V DC/DC converter in order to participate in growing 48V market, especially in China

Efficiency & Electrification – Technology Highlights





KEY FACTS

- Conversion efficiency > 95%
- Power rating according to alternator up to 3kW
- Scalability thanks to multi-phase approach

Awarded by 3 Customers

KEY BENEFITS

- Enables new applications such as stop/start and idle cruising, whilst ensuring the supply of fuel-efficient power loads such as electrical power-steering actuators
- Innovative vehicle applications, which support fuel efficient drive concepts such as high power regenerative braking or engine-off coasting applications

MAIN FUNCTIONALITIES



Enhanced Start-Stop



Engine-Off-Coasting



Boosting



Backup Energy



High Power Braking



Fuel Economy

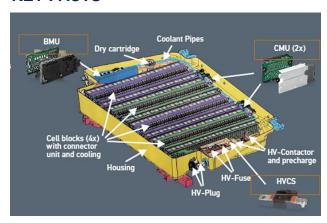


HELLA offers the full electronics solution for lithium-ion battery management system

Efficiency & Electrification – Technology Highlights



KEY FACTS



BMS ECU: Battery state calculation and control of safety functions

Cell Controller: Voltage and temperature measurements as well as cell balancing

High Voltage Current Sensor: Measurement of battery current

Insulation Monitoring Device: Measurement of insulation resistance between HV and LV

(Integrated) Relay Box:

Charge, pre-charge and main relays packaged including control electronics

KEY BENEFITS

- Modular and scalable platform for 12V, 48V and high voltage lithium-ion batteries
- Best-in-class insulation monitoring device in exclusive cooperation with BENDER

MAIN FUNCTIONALITIES

CALCULATE BATTERY STATE

- State of Charge
- State of Health
- Power capability
- Resistance

PROTECT BATTERY AND

VEHICLE DRIVER

against

- Battery overheating
- Over voltage and current
- Contactor State of Health (SoH)



- Current
- Cell voltages
- Cell temperatures
- Battery voltages
- MEASURE

- Contactor
- Communication
 - Limp home
 - Pre-charge

CONTROL



The electrification of the drivetrain leads to a variety of vehicle architectures with different costs and CO2 savings

Segment Electronics – Trend overview Efficiency & Electrification

EFFICENCY & ELECTRIFICATION Internal Combustion 48V Mild Hybrid Full-hybrid (FHEV) & **Battery Electric** Engine (ICE) Plug-in Hybrid (PHEV) Vehicle (BEV) (MHV) Combustion engine + Electric motor charged by Only one battery charged Conventional combustion electric motor which combustion engine or via engine (gasoline or diesel) from grid or by fuel cell plug-in from grid helps share the load -100% CO² Reduction* -10% to -20% -30% Additional Costs** 5% to 10% 50% to 60% 30% to 50% MARKET Voltage 12V & 48V 12V &> 120V PENETRATION*** share of light vehicle With production worldwide start/stop 0% 2% 0% 69% 28% today 34% 53% 5% 5% 2% 2020 18% 3% 2025 24% 47% 8%



^{*} CO² reduction related to local emissions only

^{**} Assumptions on technical concept for high volume car

^{***} Source: IHS Engine Forecast, December 2016

Innovative approach to optimize air quality in the vehicle based on particulate sensor and cloud-based solutions

Connectivity & Digitalization – Technology Highlight





KEY FACTS

- Particulate Matter Sensor (PM2.5)
- For vehicles with automatic climate control
- Measurement of air properties, in the range of 25 μg / m³ - 500 μg / m³
- Particle size distribution detection by scattered light detection // amplitude of diffractive light depends on PM concentration

First to market

KEY BENEFITS

- Detection of particulate matter < 2.5 μm (fine dust) in the inner cabin & ambient air
- Greater driving comfort due to continual optimization of the air quality in the vehicle
- High particle concentration leads e.g. to: sensor function for ventilation flap controlling (lowers incabin pollution level) or fine dust pollution level display as warning feature

MAIN FUNCTIONALITIES



Pollution Notifications



Cloud-Based Clean Routing Option



Cloud-Based Health Recommendations



HELLA's multi lens array improves comfort and safety by supportive road projects for different driving situations

Autonomous Driving – Technology Highlights





KEY FACTS

- Generation of sharp, contrasting and homogeneous images
- No loss of the graphic even by partially dirty lens, 170 micro projection lenses per Multi-Lens-Array generating 1 image
- Integration of projections with car sensors

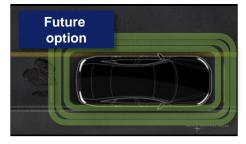
KEY BENEFITS

- Enhances safety through communication with pedestrians and other vehicles
- Evokes emotions by dynamic / changing lighting
- Enables information about autonomous driving status

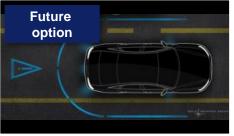
MAIN FUNCTIONALITIES



Welcome Light



Driving Status Projections



Safety Projections



High definition headlamp accelerates functionalities and customer benefits

Connectivity & Digitalization – Technology Highlights





KEY FACTS

- High definition lighting system
- Liquid Crystal with >50.000 Pixel

KEY BENEFITS

- State of the art functions, e.g. bend light, glare-free high beam, etc. with optimized enduser impact
- New functionalities, e.g. C2P (Car To Pedestrian) and C2D (Car To Driver)
- High end resolution

NEW FUNCTIONALITIES



Pedestrian marking



Projection of cross-walk



Highlight the walk way

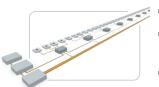


Enhancing user experience and safety with HELLA's dynamic ambient lighting system

Individualization – Technology Highlights



KEY FACTS



- Competence in light & electronics
- Light as a complementary information source for driving tasks
- Infinite number of high speed light scenarios

KEY BENEFITS

- Integration in customer E/E architecture
- Supports partially and high automated driving
- Enhances safety in complex traffic situations through warning function
- Improves driving comfort by personalization of light

MAIN FUNCTIONALITIES



Advanced Welcome Scenario



Collision Warning



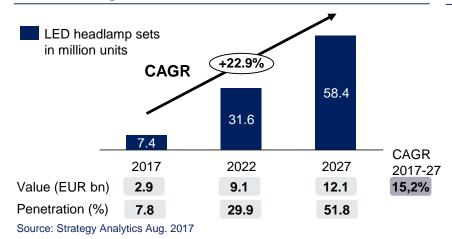
Ambient & Relaxing



LED competence as driver for HELLA Lighting

HELLA at a glance – Business Segment Automotive

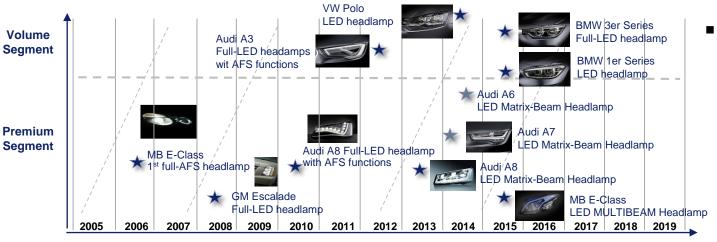
LED to change the automotive market...



...with penetration rates of LED to explode

- Half of produced light vehicles equipped with LED headlamps in 2027
- Driver:
 - Need for advanced lighting based assistance systems
 - Need for energy efficient lighting system
 - Need for designed parts and distinguishable lighting elements

HELLA first-to-market applications & penetration into mass models



HELLA offers
scalable
solutions for
premium and
volume
segments



Competitive advantage through complete aftermarket solutions HELLA at a glance – Business Segment Aftermarket

BUSINESS OVERVIEW



Independent Aftermarket (IAM)

- Sale of own and third-party spare parts to IAM wholesalers
- Own sales presence in >25 countries
- Strong position of sales network and brand presence in European market (#1-3)



Wholesale Distribution

- Building holistic product portfolio from part suppliers and offering to IAM garages
- Market position: #1 📒 #2🏪 #3🚃
- Synergies through HELLA wholesale organization "Nordic Forum"



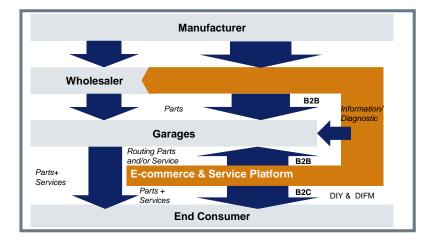
Workshop Equipment

- Premium provider of workshop solutions, diagnostic tools and advanced equipment to garages
- Offering of professional services, e.g. technical data/hotline, trainings & financial services
- market position: #1 == == #3

KEY FINANCIALS

in EUR millions and % of sales

	FY 2015/16	FY 2016/17	Change
Sales	1,179	1,222	+3.7%
EBIT	76.9	73.0	-5.0%
EBIT margin	6.5%	6.0%	-0.5% points
Sales IAM	530	553	+4.4%
Sales Wholesale	523	550	+5.2%
Sales Garage Equipment	58	66	+12.7%





IAM keeps strengthening its core product portfolio and seeks further cooperation for third party OE competence

HELLA at a glance – Segment Aftermarket: Independent Aftermarket

Focus on



Partnership with strong
3rd party OE suppliers for IAM

Products











Strategic directions

- Expand portfolio and leverage own OE know-how with special focus on E/E and more complex products, e.g. radar sensors
- Shift from crash to wear parts
- Roll-out of global portfolio into regions and leverage of local portfolio additions

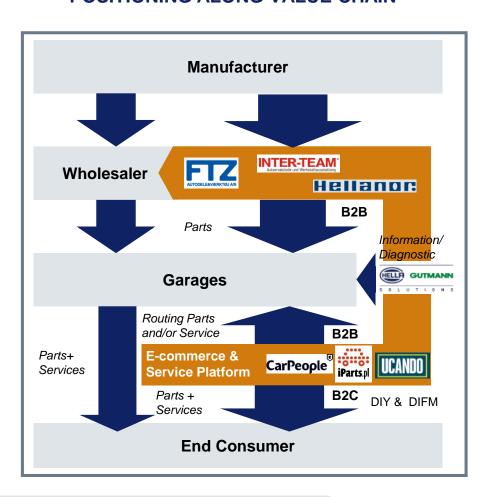
 Enhancement of HELLA portfolio by 3rd party OE products and leverage of distribution network and proximity to customers



HELLA's integrated wholesale concept ensures broad and deep customer reach in order to generate further growth

HELLA at a glance – Segment Aftermarket: Wholesale

POSITIONING ALONG VALUE CHAIN



STRATEGIC DIRECTION

Capture chances from digitalization

- Intensification of E-commerce
 business in Denmark and Poland
- Further development of service platform in first market Denmark and roll-out to further wholesale markets
- Increase in customer loyalty with digital solutions, e.g. connected cars and telematics
- Strengthen B2C business and further end-user services



HELLA enables workshops to conduct complex repair and maintenance activities with innovative and cost efficient solutions HELLA at a glance – Segment Aftermarket: Workshop Products

State of the art workshop equipment to address more complex car

Provide **professional workshop equipment** e.g. multi-brand diagnostics, air-conditioning service as well as testing and adjusting tools e.g. for **camera and sensor calibration**

Example: Camera and sensor calibration





- Growing importance of cameras and sensors due to automotive megatrends (e.g. autonomous driving)
- Easy application for all brands, smart and costefficient solution
- Tool offers independent workshops possibility to extend business activities beyond traditional scope

New cloud-based workshop solutions to solve diagnostic problems

HELLA Diagnostic know-how Cloud Platform Provider API API

New Partners

Booking Platforms

Automotive Startups

Existing diagnostics business model

- Localized offline data base, not accessible for external parties
- Technical support offered by hotline, e.g. for interpretation of complex failure codes into easy-tounderstand failure analysis

Cloud platform

- HELLA know-how is transferred to a cloud platform
- Third parties can access data base through web services like API
- Predictive services become possible

New applications

- New partners access the data base to offer innovative services and applications for car diagnostics ("micro services")
- Examples: driver logbooks, pay-perdiagnosis



Diversification of business portfolio based on existing strengths HELLA at a glance – Business Segment Special Applications

BUSINESS OVERVIEW

- Development, production and sale of lighting and electronics products for special vehicle manufacturers
- "Fast follower" of technological innovations in automotive segment along megatrends LED, energy efficiency and safety
- Application of know-how through own research and development resources and dedicated production footprint
- Strong market position in lighting product areas based on long-standing experience, in particular in Europe
- Focusing on a variety of attractive target groups

TARGET GROUPS



KEY FINANCIALS

in EUR millions and % of sales

	FY 2015/16	FY 2016/17	Change
Sales	384	385	+0.3%
EBIT	8.2	19.7	+140.3%
EBIT margin	2.1%	5.1%	+3.0% points

STRATEGIC FOCUS

- 1. Drive LEDfication in all customer segments
- ► Further focus on offering of LED solutions and participate in LED fication trend e.g. in recreational vehicles and trailers
- ► Invest into innovative product roadmap, e.g. Shapeline and multi-function lamp platform
- ▶ Revitalize products e.g. modular work lamps and rear lamps
- ▶ Drive advanced engineering e.g. light tunnel and matrix beam
- 2. Push further application of Electrics / Electronics
- ➤ Transfer and adaptation of electronic automotive know-how to further participate in Electrification trend for special vehicles
- ► Focus on application of existing Automotive products e.g. pedal sensors
- ➤ Extension of Electronics scope e.g. radar solutions for smart farming to avoid collision and to measure seeds and speed



Thanks for your attention

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