

DISCLAIMER



This presentation contains forward-looking statements relating to the business, financial performance and earnings of SÜSS MicroTec SE and its subsidiaries and associates. Forward-looking statements are based on current plans, estimates, projections and expectations and are therefore subject to risks and uncertainties, most of which are difficult to estimate and which in general are beyond the control of SÜSS MicroTec SE. Consequently, actual developments as well as actual earnings and performance may differ materially from those which explicitly or implicitly assumed in the forward-looking statements. SÜSS MicroTec SE does not intend or accept any obligation to publish updates of these forward-looking statements.

AGENDA





SÜSS MICROTEC

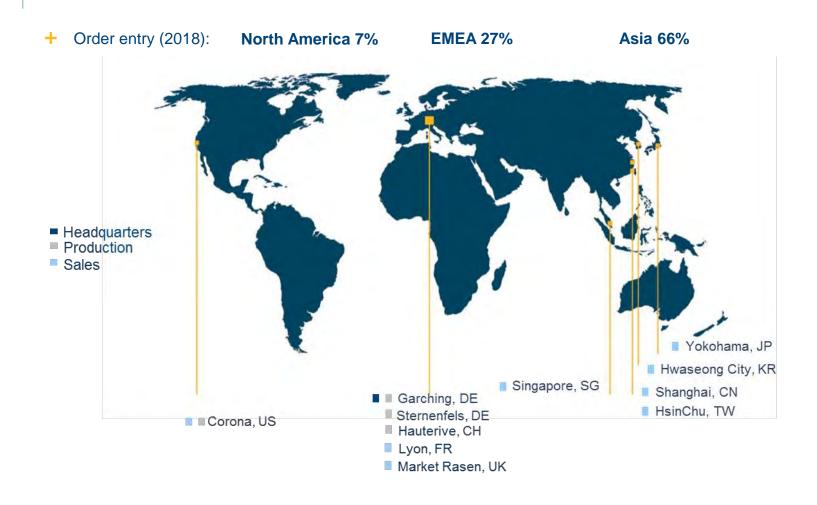




- + Mid-sized global provider of specialized production equipment for the semiconductor and related industries (micro-chips and similar parts)
- + Semi front-, mid- and back-end, MEMS, RF, Opto, etc.
- Global customer base with a focus on Asia-Pacific
- + Two production sites in Germany; one in the US and in Switzerland; site in Taiwan planned
- + Tier 1 market players becoming major customers
- Very demanding market environment

SÜSS MICROTEC – A GLOBAL PLAYER





MAIN PRODUCTION SITES





Germany



USA

Taiwan









Sternenfels*

- + Development/production:
 - Bonde
 - Coater and Developer
 - Photomask Equipment
- + Core competencies:
 - Wet Processing
 - Wafer Bonding
 - Photomask Equipment
- Production facility ~15,000 m²

Garching*

- + SUSS MicroTec HQ
- + Development/production:
 - Mask Aligner
 - Bond Aligner
- + Core competencies:
 - Exposure (proximity exposure)
 - Alignment
 - Bond Aligner
- + Production facility ~9,000 m²

Neuchatel (Switzerland)

- + Core competencies:
 - Production of micro-optical components
 - Imprint excellence center
- + Production facility ~1,200 m²
- + 2 sites for redundancy

Corona (California)

- + Development/production:
 - Stepper/Scanner
 - Laser Processing
- + Core competencies:
 - Exposure (UV projection)
 - Laser Ablation
- + Production facility ~7,000 m²

HsinChu (Taiwan)**

- + Core competencies:
 - Final Assembly Coater
 - Application
 - Show Room











^{*}Production site is owned by SUSS MicroTec

^{**}planned

OUR PRODUCTION PORTFOLIO (EQUIPMENT)



Semiconductor Industry

Frontend

Mid- and Backend

Photomask Equipment





Photomask Processing



Exposure Systems

Coater and Developer

Wafer Bonder





ELP300 Gen2



Mask Aligner MA200 / MA300





XBC300 Gen2



XBS200





= Current revenue drivers

AGENDA





SUSS 2025 STRATEGY - OVERVIEW



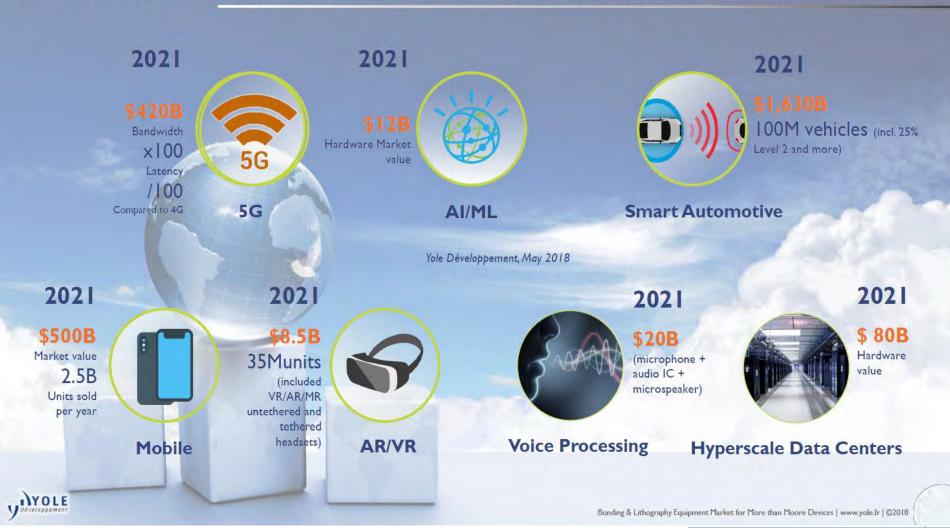


- Megatrends are driving our business: digitization, wireless communication (5G), the Internet of Things, mobility, autonomous driving, artificial intelligence...
- + The Semiconductor industry is highly innovative and very demanding
- Customers expect more support in increasingly complex processes
- New business areas for SUSS MicroTec:
 - UV-Projection Scanner for Advanced Packaging
 - + Imprint solutions for optical elements
 - + SUSS MicroOptics products for the Automotive Industry

MEGA-TRENDS IN THE SEMICONDUCTOR INDUSTRY



SEVEN MEGA-TRENDS TO BOOST THE SEMICONDUCTOR INDUSTRY

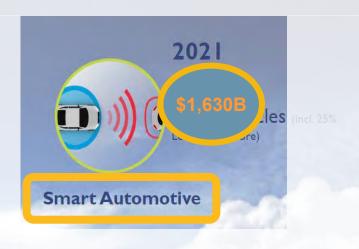


THE MOST IMPORTANT GROWTH DRIVERS















audio IC +



Voice Processing

Hyperscale Data Centers

SUSS 2025 STRATEGY KEY ELEMENTS



+ Top-line growth

Attractive products for maximum productivity

 Additional features to increase attractiveness (e.g.: scanners, metrology, more intelligent products)

Improved profitability

Improvement of delivery times, costs, cash commitment

+ Exceed customer expectations

- Increase proximity to the customers
- Production, demo and application center in Asia

+ SUSS Excellence Program

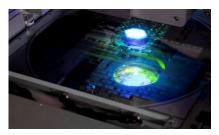
- Product training for customers
- Training and development of employees
- Corporate Culture

Goal in 2025: € 400 million with > 15% EBIT



SUSS 2025 STRATEGY TOP-LINE GROWTH: SCANNER EXAMPLE







- All 12 Gen 2 scanners accepted by key customer (used in production)
- New scanner generation (Gen 3) installed as
 evaluation tool at various customers in Asia
- Upgrade kit (Gen 2.6) developed as an interim solution and tested by key customer
- + Upgrade orders placed
- Gen 3 rated very positively by key customer
- Very good prospects for the next investment round of the key customer

SUSS 2025 STRATEGY INCREASE IN PROFITABILITY



Focus in 2019

Productivity & Costs

NWC / Inventory

Margin Management Delivery **Excellence**

- + 2018: marked by significant sales growth, profitability fell short of expectations
- Operational Excellence Program defined in autumn 2018 and implementation started
- + Intensification of net working capital management (inventory) to improve net liquidity
 - Internationalization of strategic purchasing
 - + Re-organization of production processes for more transparency and flexibility
- + First results will be visible in the course of 2019

SUSS 2025 STRATEGY CUSTOMER EXPECTATIONS







- Focus: get closer to the customer
- + Taiwan as largest single market
- Production, demo and application center for Asian customers in Taiwan planned and real estate rented
- Stable political relationships, IP security given
- Outlook: extend purchasing activities to Asia (international sourcing)

SUSS 2025 STRATEGY TRAINING FOR CUSTOMERS AND EMPLOYEES





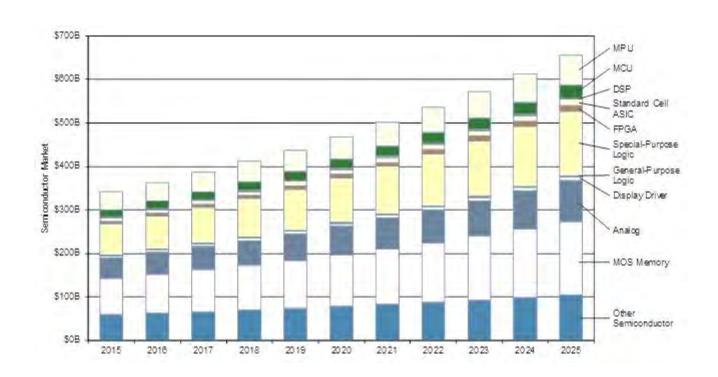
- + Imprint Excellence Center Neuchâtel to be available at the end of 2019
- + 20 years experience in micro-optic manufacturing
- + Expansion to a second location in Neuchatel due to automotive certification



+ Application and Training Center in Sternenfels, DE and Garching, DE

SEMICONDUCTOR MARKET LONG-TERM OUTLOOK





The global semiconductor market will be \$656B in 2025 compared to \$343B in 2015 with a CAGR of 6.7%*









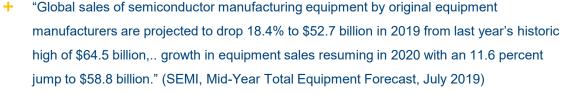
Growth in the coming years through market growth, new products and market share gains

MARKET OUTLOOK











- "Despite the semiconductor industry's slowdown, advanced packaging is growing at an impressive 8% CAGR (2018 2024)." (Yole, July 2019)
- "The market will exhibit +8.3% growth in value." (MEMS for the period 2019 2024, (Yole, June 2019)
- + "Global fab equipment spending will rebound in 2020, growing 20 percent to US\$58.4 billion after dropping 19 percent to US\$48.8 billion in 2019." (Semi, June 2019)



The semiconductor industry is amidst of a big transition and it is entering a disruptive phase where mobile and other merging mega-drivers, such as big data, 5G, high performance computing (HPC), the internet of things (IoT) as well as smart automotive and smart factory will significantly impact business dynamics and create a tremendous opportunity across the semiconductor supply chain" e.g. "3D TSV and Fan-out markets are expected to grow by a CAGR of 29% and 15% respectively from 2017 – 2023 (Yole, Sep. 2018)

AGENDA





HIGHLIGHTS H1 2019



- + Consistent order intake in fragile market environment
- + Continuing strong photomask equipment and microoptics business
- + Order entry H1 2019: € 91.7 million
- + Sales H1 2019: € 94.1 million
- + EBIT H1 2019: € -0.8 million (-0.9% EBIT margin)





XBC300 Gen2



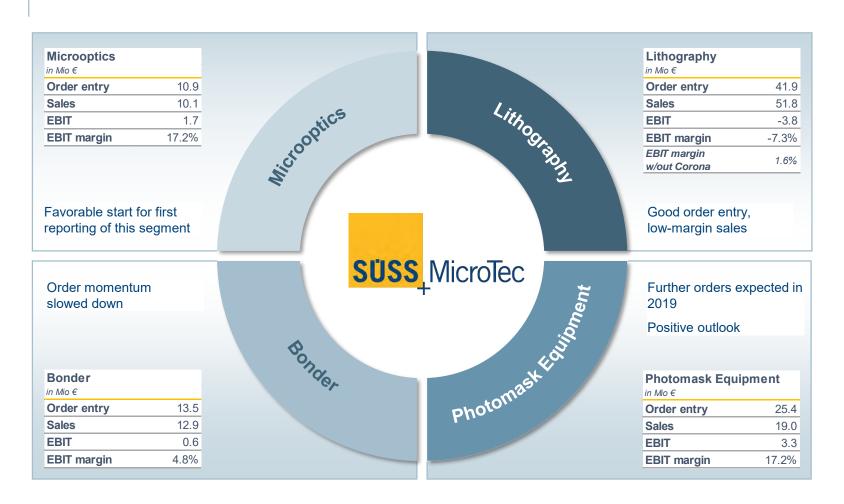


In € million	H1 2019	H1 2018	Delta H1 2019/2018	Q2 2019	Q2 2018
Order entry	91.7	78.2	17.3%	45.0	39.6
Order backlog	85.4	83.9	1.8%		
Sales	94.1	94.2	-0.1%	47.0	49.0
EBIT	-0.8	8.4	-109.5%	-2.9	6.9
EBIT margin	-0.9%	8.9%	-9,8 points	-6.2%	14.1%
Earnings after tax	-1.9	4.7		-2.3	4.2
EPS in €	-0.10	0.25		-0.12	0.22
Free cash flow *	-18.9	-15.9		-2.5	-2.2
Net cash **	6.9	17.1	-59.6%		
Employees 30/6	910	850	7.1%		

^{*} Before consideration of transactions with interest-bearing securities (only 2018)
** Net cash 2019 includes leasing liabilities in the amount of € 2.0 million

BUSINESS DEVELOPMENT IN H1 2019

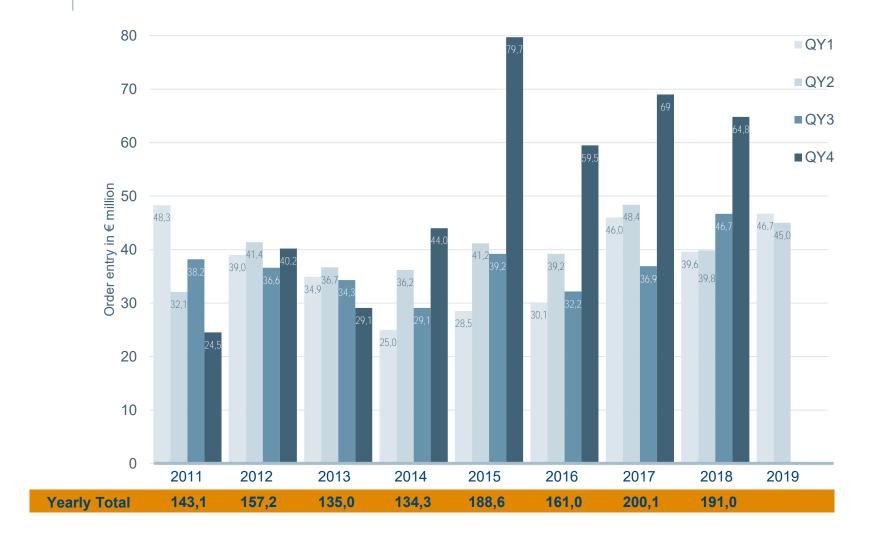




Others: corporate overhead, consolidation effects, FX-effects: -2.6 million €

ORDER ENTRY: QUARTERLY PERFORMANCE





GUIDANCE 2019





+ Fiscal year 2019:

Sales of € 200 million to € 215 million EBIT margin ~ 6.5% - 8.0%

+ Q3 2019 + Q4 2019:

Order entry of more than € 95 million

SHARE PRICE, COVERAGE, SHAREHOLDERS



Share Performance in 2019



SÜSS MicroTec share price: € 8.48 (January 2, 2019)

Average daily trading volume ~27.000 shares (Jan. 2019 – Sep. 2019)

Coverage:

- Baader
- Bankhaus Lampe
- DZ Bank
- Kempen
- NIBC
- ODDO BHF
- Warburg

Shareholders > 3%:

- Dimensional Funds
- Gerlin NV
- Hansainvest
- INKA
- Janus Henderson
- Kempen Oranje
- Luxunion
- Lupus Alpha
- · Sycomore Asset Mgm.
- Universal Investment



KEY GROUP FIGURES FY 2018 VS FY 2017 (OLD AND IFRS15 ACCOUNTING SYSTEM)



	IFRS 15		
in € million	FY 2018	FY 2017	delta 2017/2018
Revenue	203.9	179.9	13.1%
EBIT*	10.9	18.2	-40.1%
EBIT in % of Sales	5.3%	10.1%	-4.8pts
Earnings after tax	4.8	10.0	-52.0%
EPS in €	0.25	0.52	-51.9%

old accounting system			
FY 2018	FY 2017	delta 2017/2018	
213.9	166.5	28.5%	
15.6	13.9	12.2%	
7.3%	8.3%	-1pts	
8.2	6.7	22.4%	
0.43	0.35	22.9%	

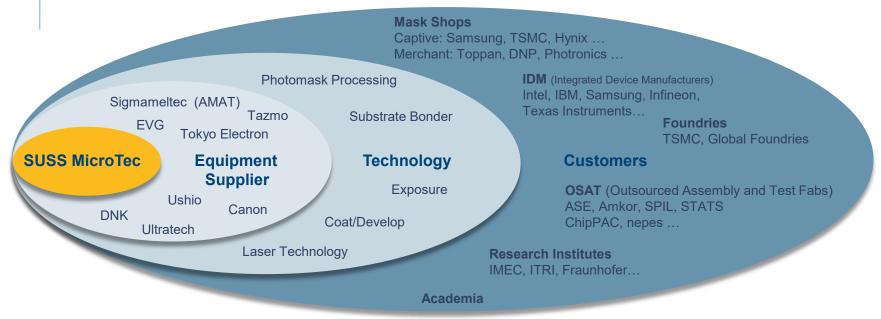
^{*}one-off effect 2017: license income of € +2.0 million; one-off effect 2018: severance payment of appr. € -700 thous.

MAIN COMPETITORS AND PEER GROUP

Peer Group

EV Group:





BE Semiconductor:	Equipment for leadframe, substrate and WLP applications (die attach, wire-bonding, plating), target markets include electronics, computer, automotive, industrial, LED and solar energy
Veeco/UTEC:	Steppers for the semiconductor market, advanced packaging, nanotechnology, laser processing (LSA)
Kulicke & Soffa:	Design and manufacture of equipment for semiconductor, LED and electronic assembly (wire-bonding, advanced packaging)
Rudolph Tech:	Equipment and software solutions for macro defect inspection, probe card test and analysis, thin film

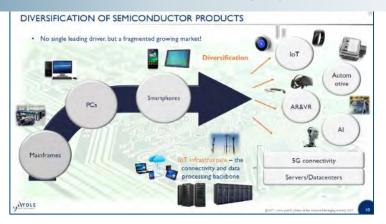
metrology, advanced packaging lithography systems (steppers)

Equipment for wafer-bonding, lithography/nanoimprint lithography (NIL), metrology, photoresist coating, cleaning and inspection for the target markets: advanced packaging, compound semiconductor and silicon-based power devices, MEMS, nanotechnology and SOI

OUR GROWTH DRIVERS



Advanced Packaging



RF MEMS



3D Packaging



FOWLP



SUSS MICROOPTICS – GROWTH DRIVER AUTOMOTIVE LIGHTING



Automotive Lighting

- Light Carpet (External and internal)
- Front Lights (LED Matrix and Laser Light)





Low volume high quality

 LVHQ is the traditional Micro-Optics business, which addresses profitable niche markets with low growth but high margins

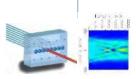
SMO products and end applications:

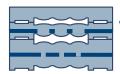




SUSS IMPRINTING EXCELLENCE CENTER CUSTOMER SERVICES @ SUSS MICROOPTICS PRODUCTION







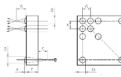
wafer-level optics (WLO)

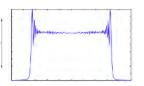
- → aperture layers in bulk material
- → excellent overlay control











Optical design, system design, micro-optics simulation

Optical System Design 8" (6") Wafer Fab Production line high-quality refractive & diffractive micro-optics (fused Silica, silicon)







8" Fab for Lens Imprint (12" in 2019)









Fully equipped metrology lab for inspection and sorting of micro-optical components. (ISO 9001, IATF 16949, Six Sigma)

Production line for micro lens imprint (polymer), wafer-level packaging (WLP), dicing start-up service for SUSS customers

MASK ALIGNER – GROWTH DRIVER IMPRINT SOLUTIONS

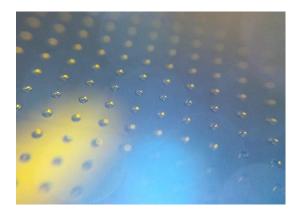


The flexible imprint portfolio for

Nano - Imprint

Micro - Imprint

Optical Assembly



is covering a wide range of growing applications & markets



LED

(nano)PSS for High Brightness LEDs.



MEMS/NEMS

Nano- and micropatterning need to be extensively adopted in device manufacturing.



Optoelectronic sensors

Optical nano-gratings are key components for the communication market worldwide.



Microoptics

Imprint is essential to fabricate micro-optical devices for wafer-level cameras and image sensors.



Augmented Reality

Imprinted nano-metric DOE de-fractive optical elements are required for the glasses with augmented reality