



SUSS MICROTEC INVESTOR PRESENTATION

May 2012

This presentation contains forward-looking statements relating to the business, financial performance and earnings of SUSS MicroTec AG 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 SUSS MicroTec AG. 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. SUSS MicroTec AG does not intend or accept any obligation to publish updates of these forward-looking statements.

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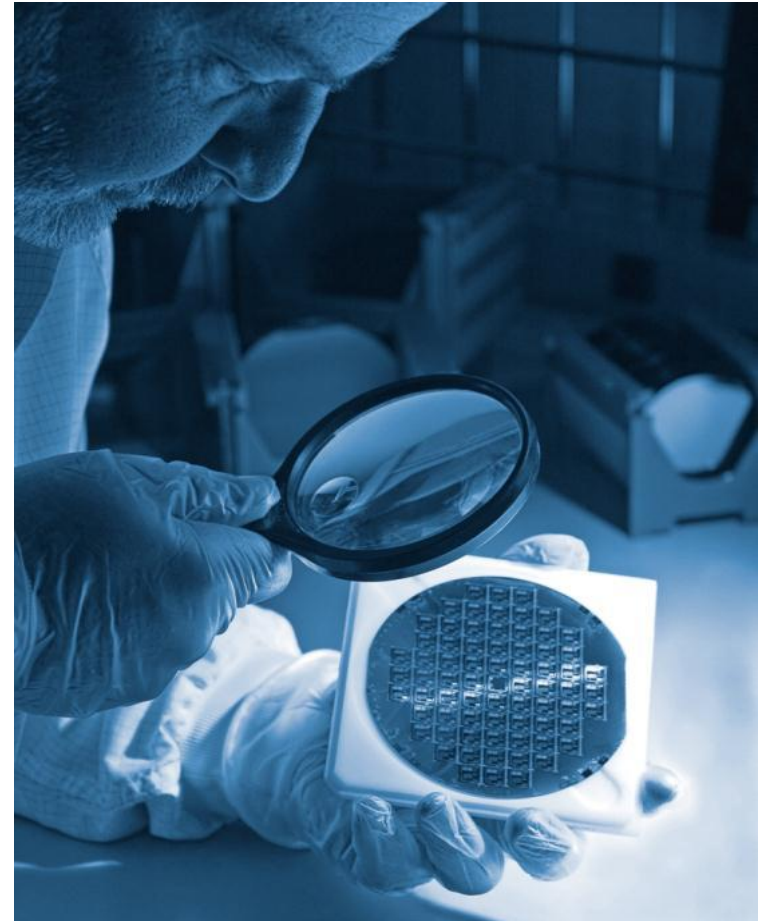


- I. SUSS MicroTec at a Glance**
- II. Acquisition of Tamarack Scientific Co. Inc.
- III. Products and Markets
- IV. Growth Opportunities
- V. Financials
- VI. Outlook

- + SUSS MicroTec: A global leader in semiconductor equipment
- + Our equipment and process solutions create the micro structures that build and connect micro electronic devices
- + We are focused on high growth market segments: Semiconductors, MEMS, LEDs

+ Key Data:

- Stock Exchange Symbol: SMHN
- TecDAX
- Share price*: 10.50 €
- Market Cap*: 201 € million
- Net Cash, March 2012: 38.5 € million



* April 30, 2012

Germany



Garching

- + SUSS MicroTec HQ
- + Development/production:
 - **Mask Aligner**
 - **Bond Aligner**
- + Core competencies:
 - **Exposure**
(proximity exposure)
 - **Alignment**



Sternenfels

- + Development/production :
 - **Bonder**
 - **Coater and Developer**
 - **Photomask Equipment**
- + Core competencies:
 - **Wet processing**
 - **Wafer bonding**

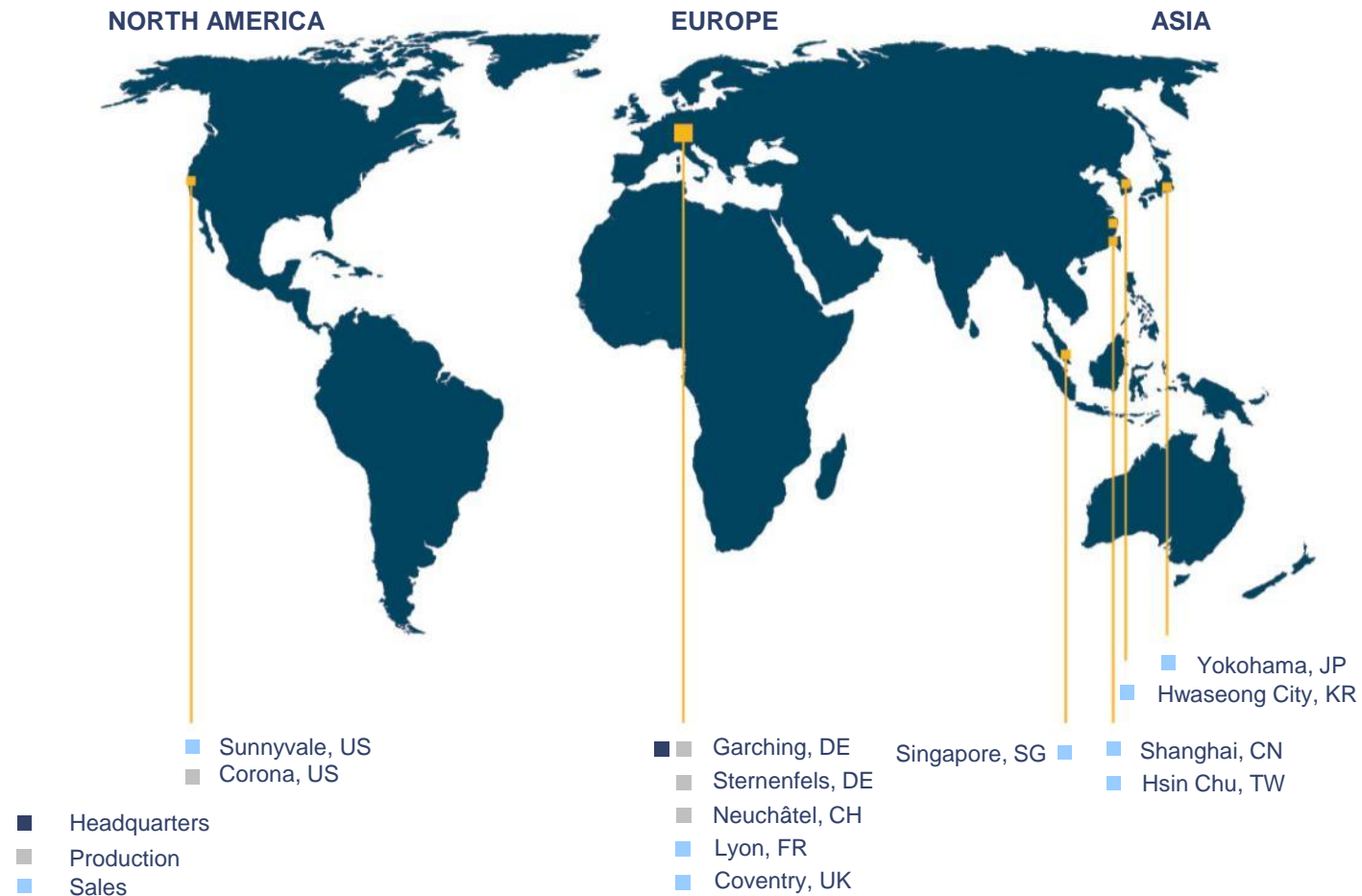
USA



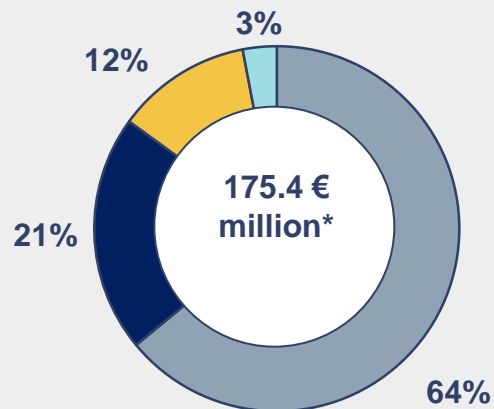
Corona

- + Development/production:
 - **Stepper/Scanner**
 - **Laser Technology**
- + Core competencies:
 - **Exposure**
(UV projection lithography)
 - **Laser Ablation**

SUSS MICROTEC – A GLOBAL PLAYER

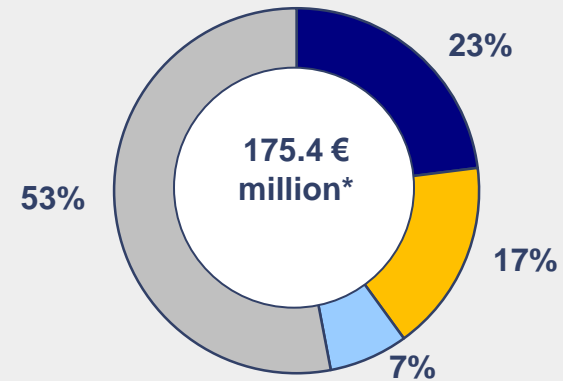


Sales by Segment



- Lithography
- Photomask Equipment
- Substrate Bonder
- Others

Sales by Region



- Europe
- North America
- Japan
- Rest of Asia

* w/o Tamarack Scientific Co. Inc.

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Tamarack Scientific at a Glance:

- + Founded in 1966
- + Headquarter in Corona, California, USA
- + Tamarack Scientific develops, manufactures and distributes UV projection lithography systems and laser micro-structuring tools
- + Key Markets: Advanced Packaging, 3D Integration, MEMS and LED as well as flexible electronics and medical applications
- + Installed base: >1,100 systems
- + Financials:
 - Revenue level: ~10 million €
 - 63 employees

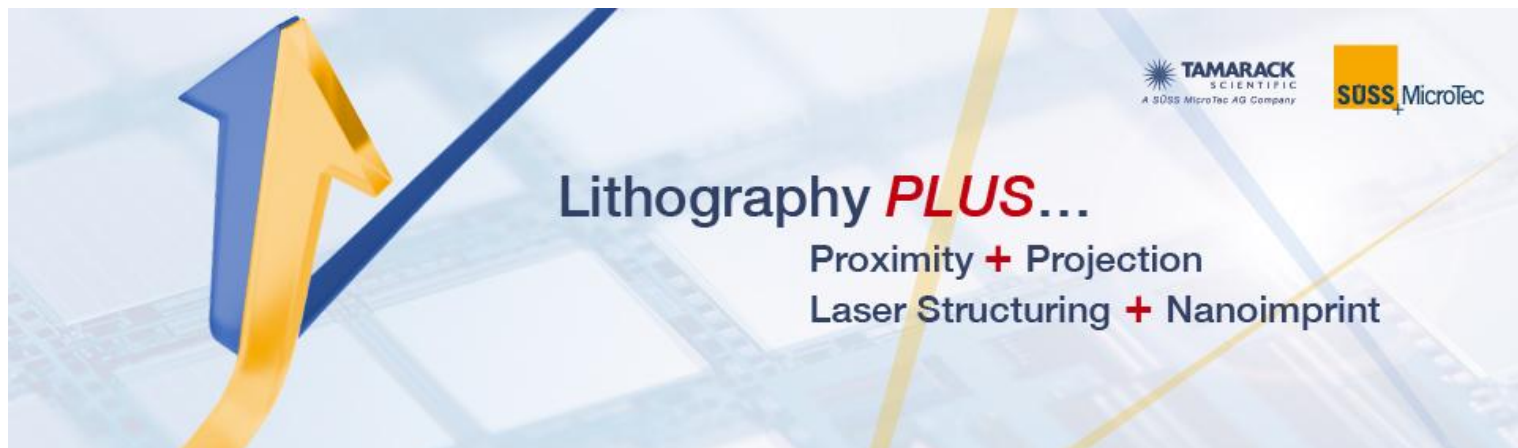


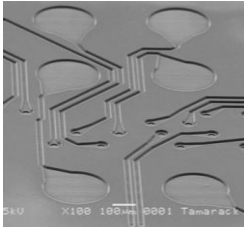
Key data of the acquisition:

- + Purchase of all Tamarack shares
- + Total purchase price 9.34 million \$
(plus additional variable earn-out component)

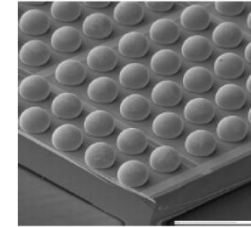
STRATEGIC REASONS FOR THE ACQUISITION

- + Increasing chip performance requires adoption of innovative lithography technologies in the semiconductor backend
- + **Not one technology fits all needs**
- + Add new and highly complementary product line with the core technologies UV projection lithography and laser micro-structuring
- + SUSS MicroTec's global sales and support structure plus Tamarack's technology offering enable the expansion of SUSS MicroTec's lithography footprint
- + SUSS MicroTec as a financially strong and globally positioned company can unlock the potential of Tamarack and enable high future growth

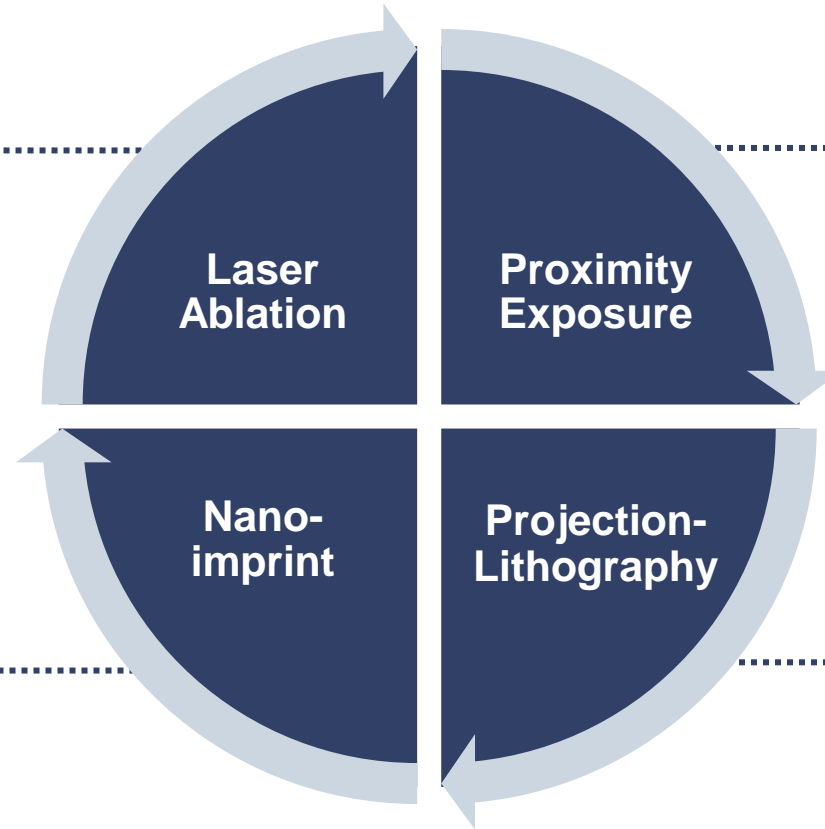




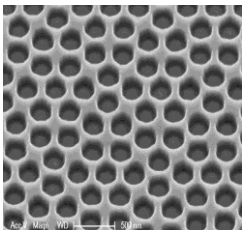
WLCSP:
Fanout WLP



Flip Chip:
Solder Bumping



LED:
Photonic Crystals



WLCSP:
Fine pitch RDL

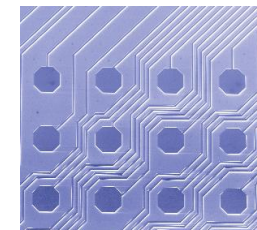
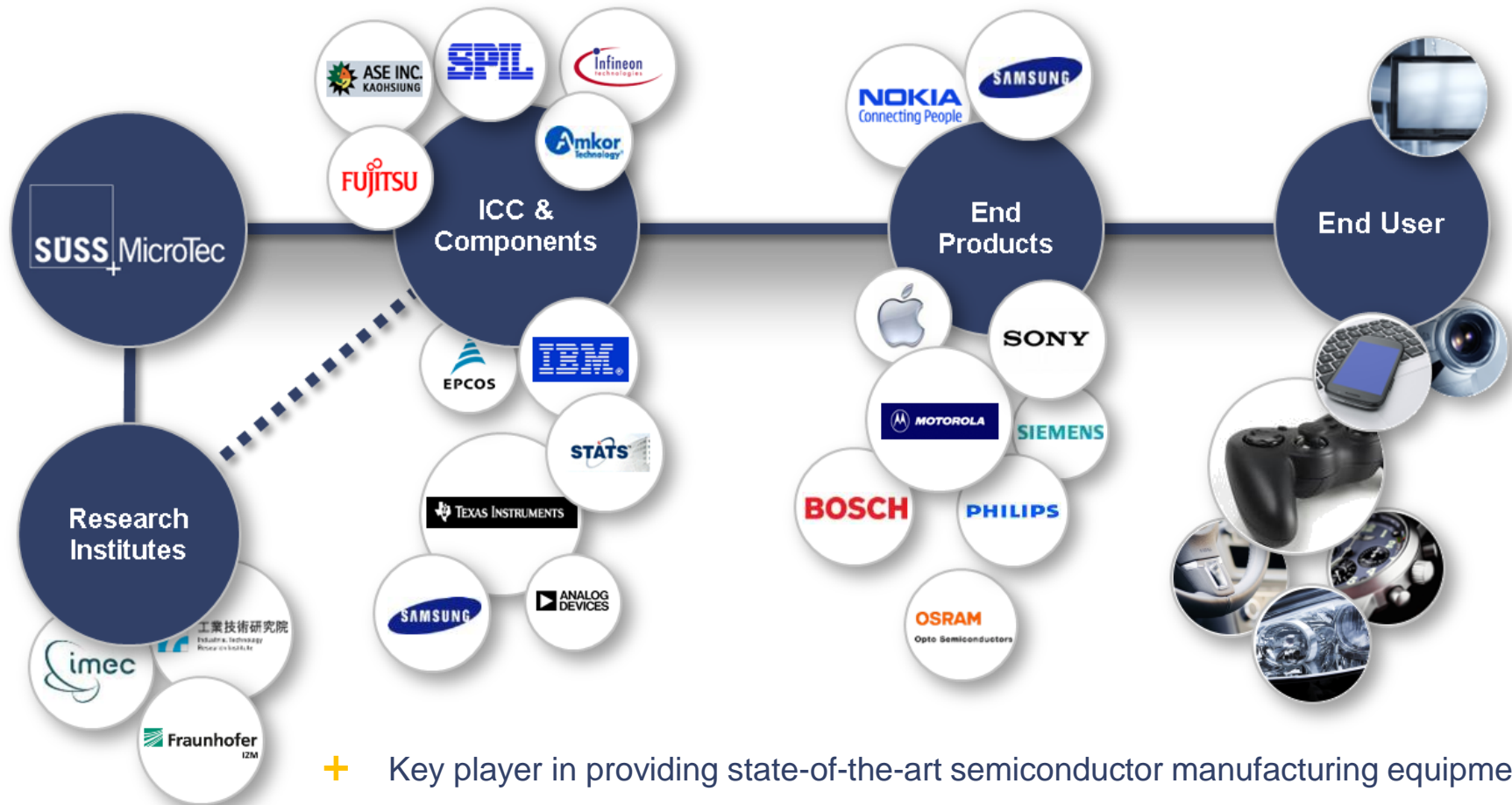


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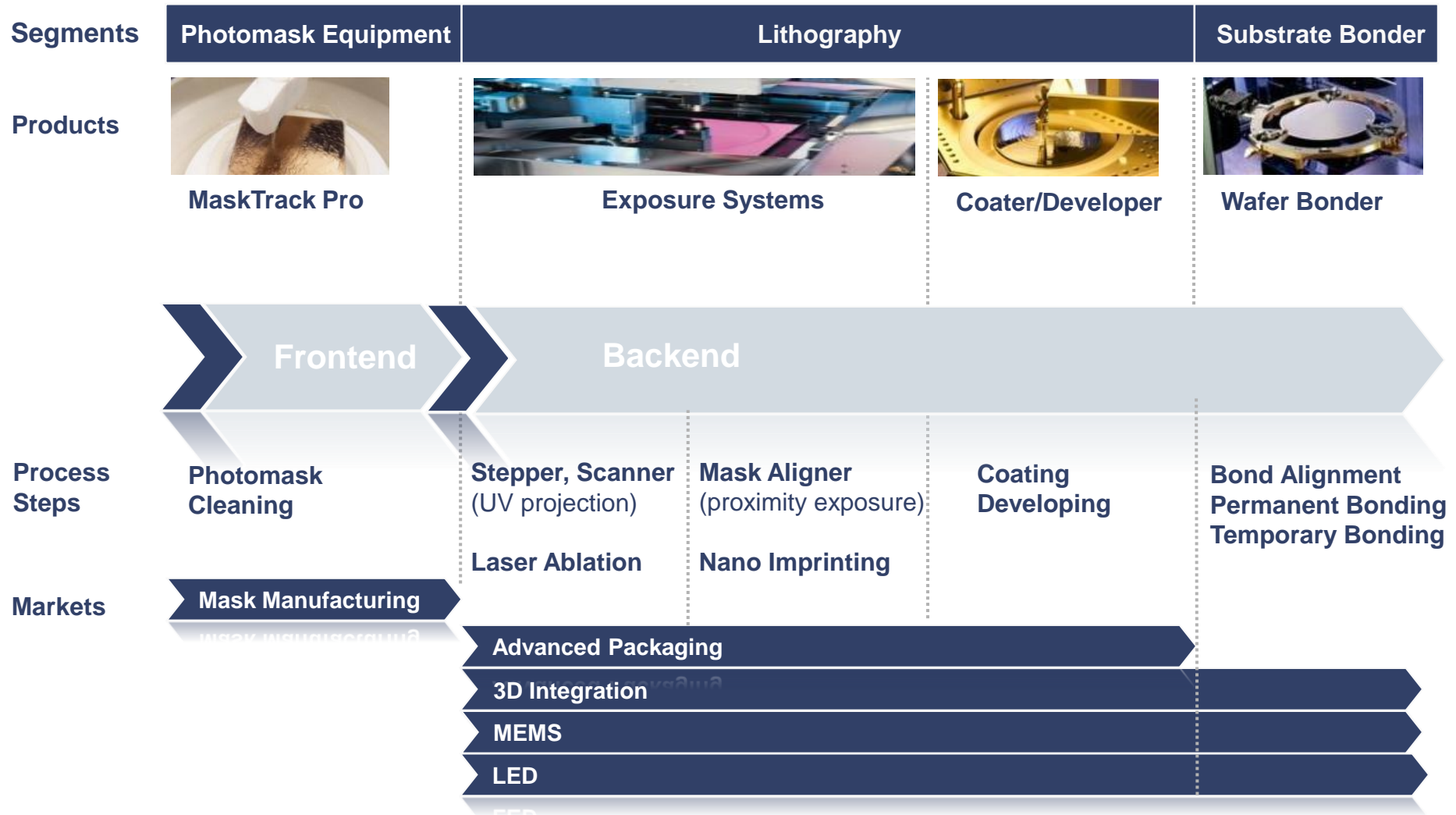
- + Key player in providing state-of-the-art semiconductor manufacturing equipment
- + Development of highly innovative process solutions with industry and R&D partners
- + Components for electronic devices like cell phones, PCs and tablet computers are produced on SUSS MicroTec's equipment

SEGMENTS AND PRODUCTS

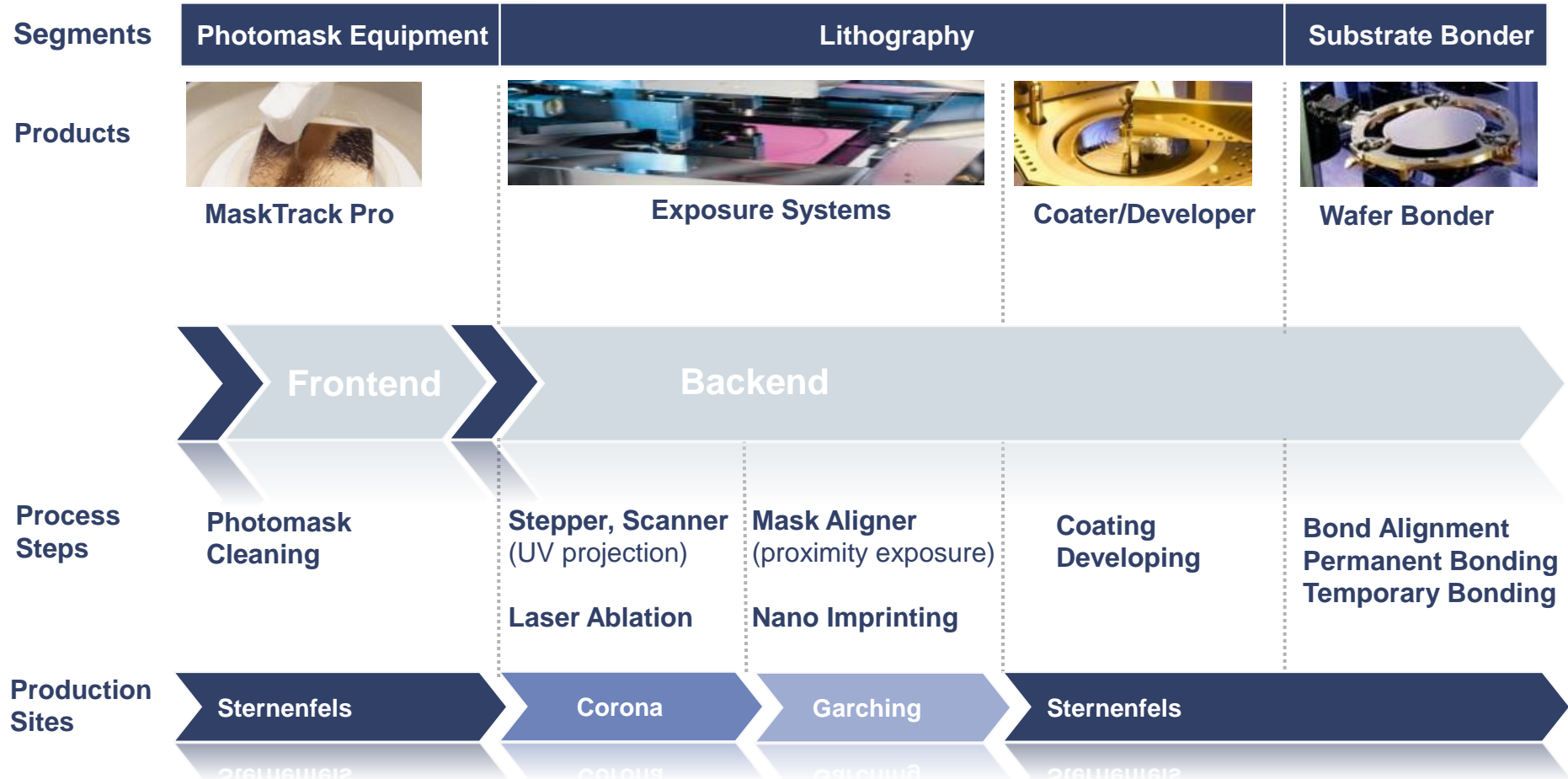
Segments	Photomask Equipment	Lithography		Substrate Bonder
Products	 MaskTrack Pro	 Exposure Systems	 Coater/Developer	 Wafer Bonder
				
Process Steps	Photomask Cleaning	Stepper, Scanner (UV projection) Laser Ablation	Mask Aligner (proximity exposure) Nano Imprinting	Coating Developing Bond Alignment Permanent Bonding Temporary Bonding
Key figures 2011	Sales: 36.3 € million EBIT: 5.3 € million	*Sales: 111.5 € million *EBIT: 25.4 € million		Sales: 20.5 € million EBIT: -11.1 € million

* w/o Tamarack Scientific Co., Inc.

SEGMENTS AND MARKETS

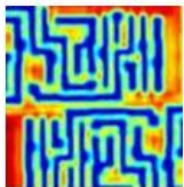
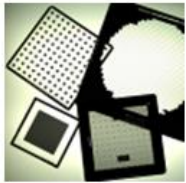


SEGMENTS AND PRODUCTION SITES

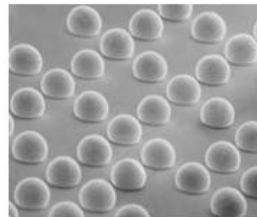
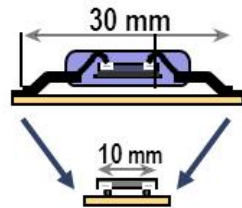


Semiconductors

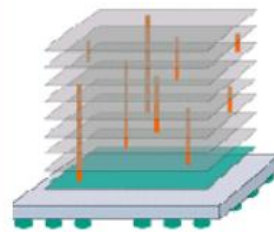
Mask Manufacturing
Photomask Cleaning



Advanced Packaging
Micro-Bumping

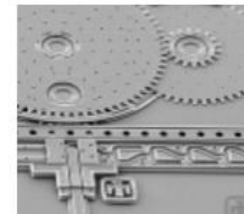


3D Integration/Stacking



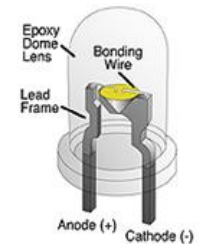
Sensors

MEMS
Computing, Automotive,
Medical Applications ...



Lighting

LED
General Lighting,
HB and UHB LED



Research and Development

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- + Global mega-trends drive the microelectronics industry and create long term opportunities
 - **Digital Lifestyle**
 - **E-Mobility**
 - **Energy efficiency**
- + Micro chips, MEMS und LEDs are the building blocks for the technological product advancement
- + SUSS MicroTec's focus is to offer development and manufacturing solutions for these components in markets that have a sustainable long term growth perspective



Digital lifestyle

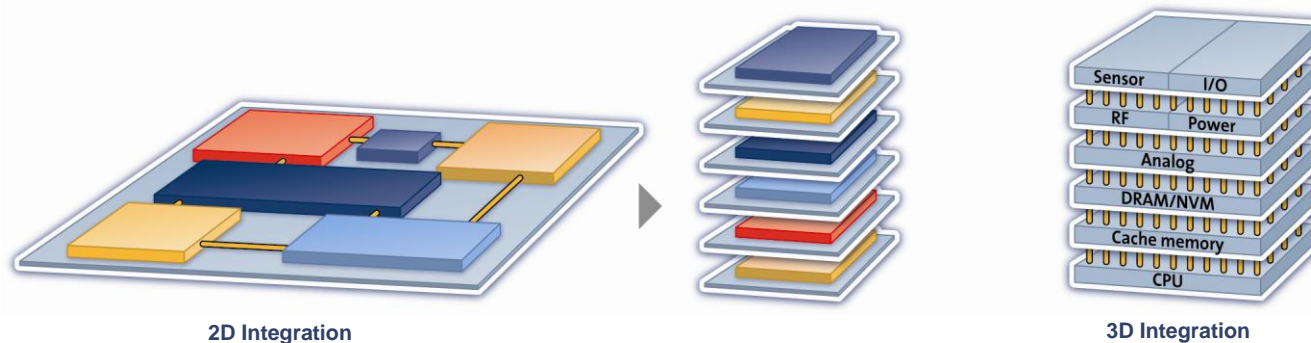


E-mobility



Energy efficiency

- + Technical challenges and limitations make it increasingly more difficult and expensive to reduce the feature size of integrated circuits (shrinking)
- + Alternative technologies like 3DIC Integration and Wafer Level Packaging (WLP) allow increasing density and functionality at lower cost



- + This trend extends beyond the conventional shrink roadmap and is called "More than Moore"
 - Packaging becomes the key enabler for scaling
 - Manufacturing value is shifting from silicon to the package
- + SUSS MicroTec is one of the few companies offering a comprehensive solution spectrum for WLP

- + SUSS MicroTec's portfolio of equipment addresses fast growing target markets:
 - 3D Integration / Advanced Packaging, LED and MEMS
- + With its strong market position SUSS MicroTec will benefit from the expected market developments:
 - Advanced Packaging (wafer level packaging and flip chip) remains more robust than the overall market, primarily driven by advanced applications for smart phones and tablets
 - TSV processes expected to transition to production volume in the years to come
 - Compound Semi (LED, MEMS, RF, Optoelectronics, III-V Power) are expected to remain robust based on smartphone and tablet growth and will drive further demand for advanced packaging solutions

Segment growth 2011 - 2016E CAGR ~ 15% (Gartner and industry estimates)

- + The further increase in complexity and performance of future semiconductor device generations demands the continuous progress in scaling of these devices
- + SUSS MicroTec's equipment and process solutions enable the 2-dimensional reduction of feature sizes ("Moore's Law") as well as the 3-dimensional stacking of integrated circuits ("More than Moore")



- + Three product lines under one roof
 - Photomask Equipment - Coater / Developer - Bonder
- + Modern production facility (15,000 m²) with two large clean rooms supporting future business expansion

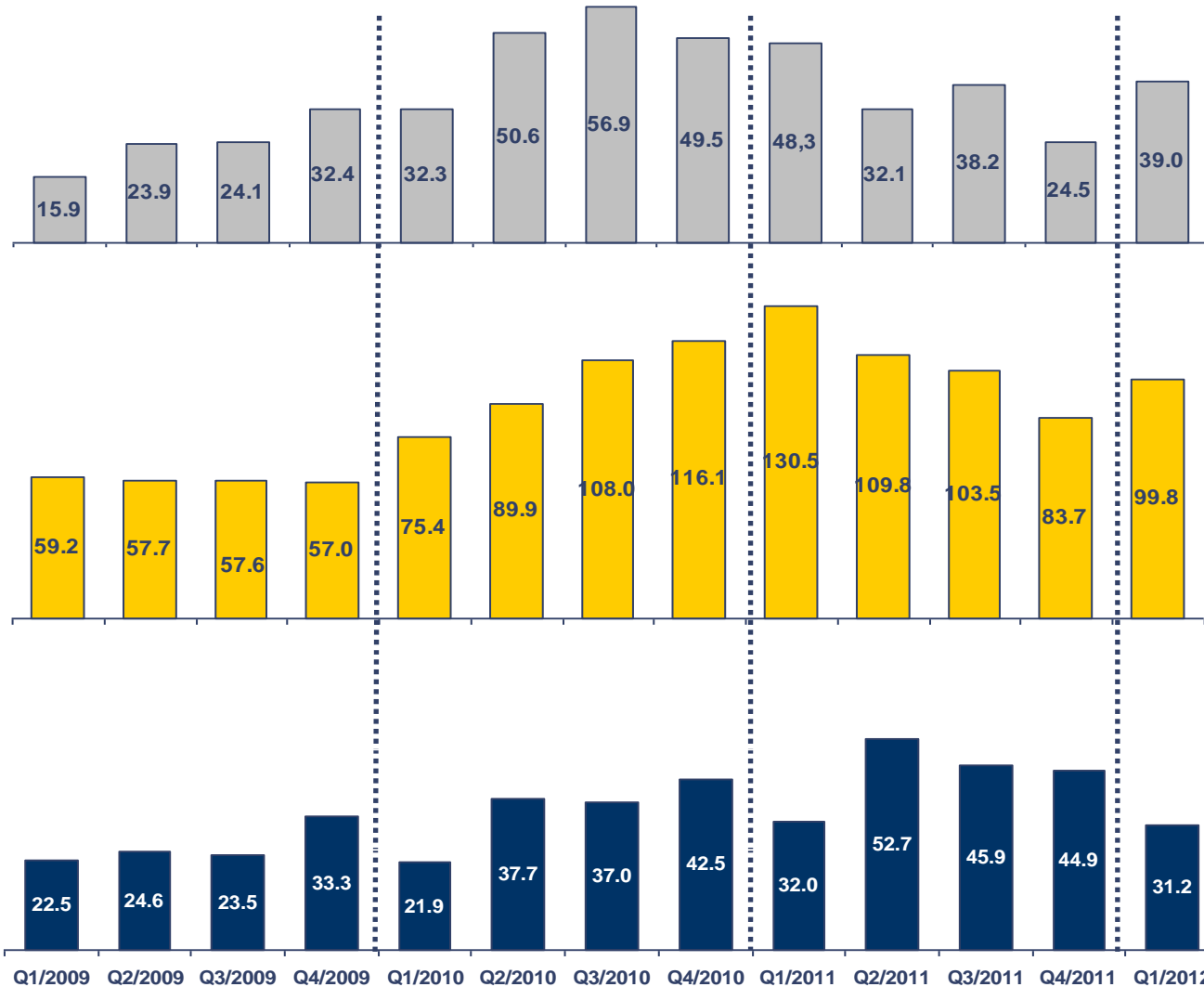


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39 MONTHS BUSINESS DEVELOPMENT

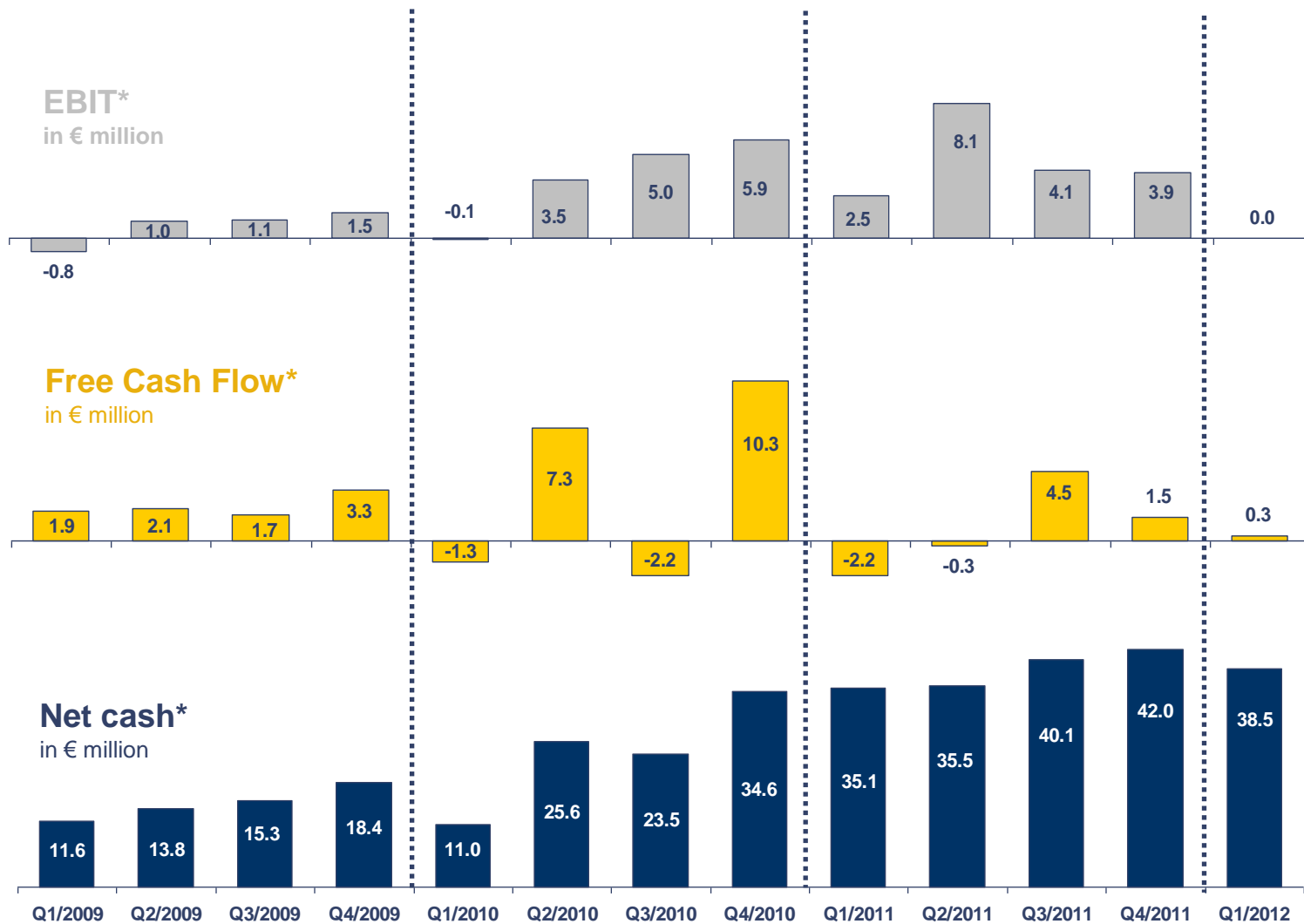


Order Entry
in € million

Order Backlog
in € million

Sales
in € million

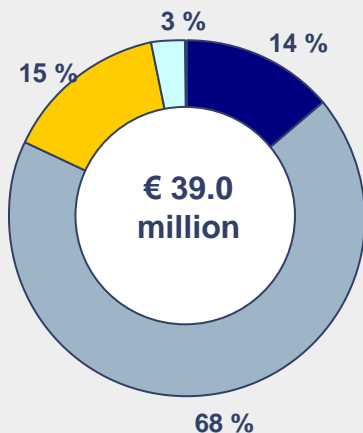
EBIT, FREE CASH FLOW AND NET CASH DEVELOPMENT



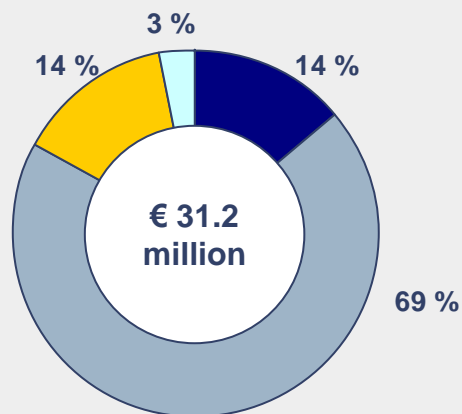
*continuing operations

ORDER ENTRY AND ANALYSIS Q1 2012

Order Intake by Segment

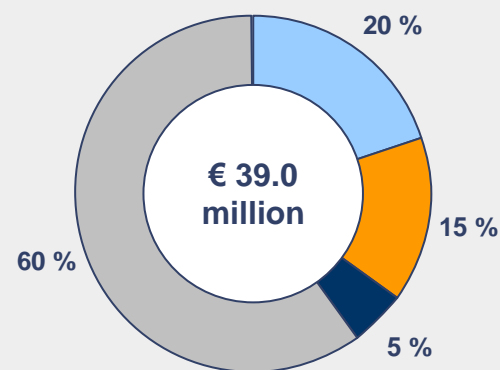


Sales by Segment

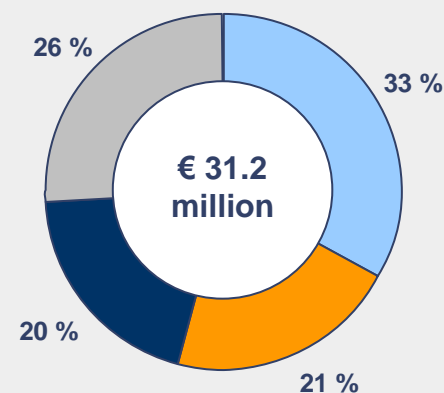


■ Photomask Equipment ■ Lithography
■ Substrate Bonder ■ Others

Order Intake by Region



Sales by Region



■ Europe ■ North America ■ Japan ■ Rest of Asia

KEY FINANCIALS

in € million	Q1 2012	Q1 2011	in %
Order Intake	39.0	48.3	-19.3%
Order Backlog 3/31	99.8	130.5	-23.5%
Revenue	31.2	32.0	-2.5%
EBIT	0	2.5	--
<i>EBIT in % of Sales</i>	<i>0%</i>	<i>7.8%</i>	<i>--</i>
Free Cash Flow*	0.3	-2.2	--
Net cash**	38.5	35.1	+9.7%
Earnings after tax (continuing operations)	-0.2	2.4	--
Earnings after tax	1.3	2.4	-46%
EPS in €	0.07	0.13	-46%
Employees 3/31	687	647	6.2%

* Before consideration of purchase or sale of available-for-sale securities and before consideration of extraordinary items from purchase or sale of subsidiaries

** incl. interest-bearing securities and after acquisition of Tamarack Scientific

CASH FLOW STATEMENT Q1 2012

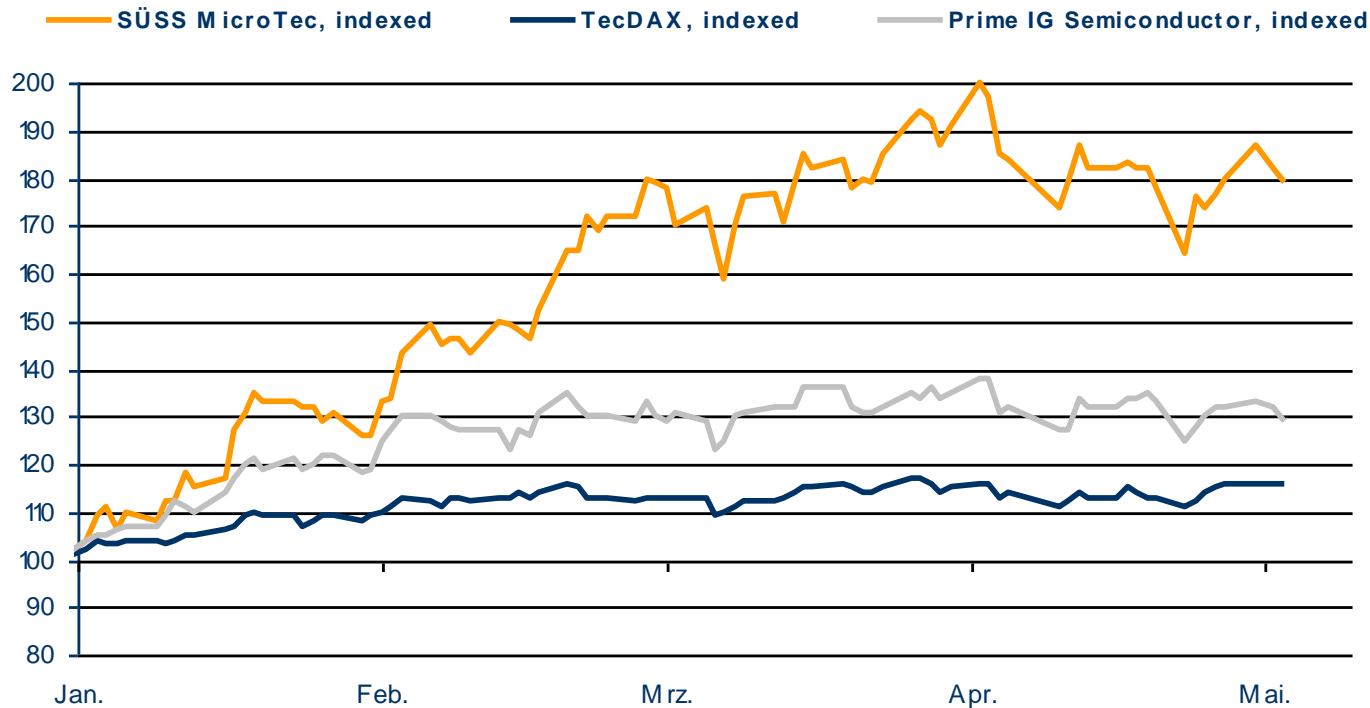
in € million	Q1 2012	Q1 2011
Net profit or loss	1.3	2.4
Cash Flow		
from operating activities	0.9	-1.0
Cash Flow		
from investing activities	-17.2	-17.0
Free Cash Flow*	0.3	-2.2
Cash Flow		
from financing activities	-0.2	-0.2
Cash and cash equivalents		
at the end of period	20.3	17.9
Net Cash**	38.5	35.1

* before consideration of purchased interest-bearing securities

** incl. stock of interest-bearing securities

SUSS MICROTEC SHARE PRICE DEVELOPMENT

(Price of the SUSS MicroTec Share at December 30, 2011, € 5.63)



Major Shareholders:

DWS Germany 8.68%

Credit Suisse Switzerland 3.35%

Average daily trading volume 2012: 171,000

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Guidance*

- + FY 2012:
 - Sales of more than 155 € million
 - EBIT-margin 5% – 10%
- + Q2 2012:
 - Order Intake € 30 - 40 million

Investment Case

- + Strong fundamental growth in target markets
- + Strong competitive positioning:
first or second in the target markets
- + Leading equipment company in the semiconductor backend, enabling “Moore’s Law” as well as “More than Moore”
- + Significant mid term revenue opportunity
- + Play active role in the consolidation of the backend

* includes Tamarack Scientific Co., Inc.

Contact

Franka Schielke

Tel.: +49 (0) 89-32007- 161

Fax.: +49 (0) 89-32007- 451

Email: franka.schielke@suss.com

SÜSS MicroTec AG
Schleissheimer Strasse 90
85748 Garching (Munich)
Germany
www.suss.com

Financial Calendar 2012

DZ Bank Photonics Conference, Frankfurt/Main	May 23
Shareholders' Meeting, Haus der Bayerischen Wirtschaft, Munich	June 20
Close Brothers Seydler Investment Conference, Paris	June 25/26
Interim Report 2012	August 7
UBS Best of Germany Conference, New York	September 12/13
UniCredit/Kepler Investment Conference, Munich	September 25/26
Baader Investment Conference, Munich	September 27
German Equity Forum, Frankfurt/Main	November 12 - 14
Nine-month Report 2012	November 8



Thank you!

SÜSS MicroTec AG
Schleissheimer Str. 90
85748 Garching

www.SUSS.com