

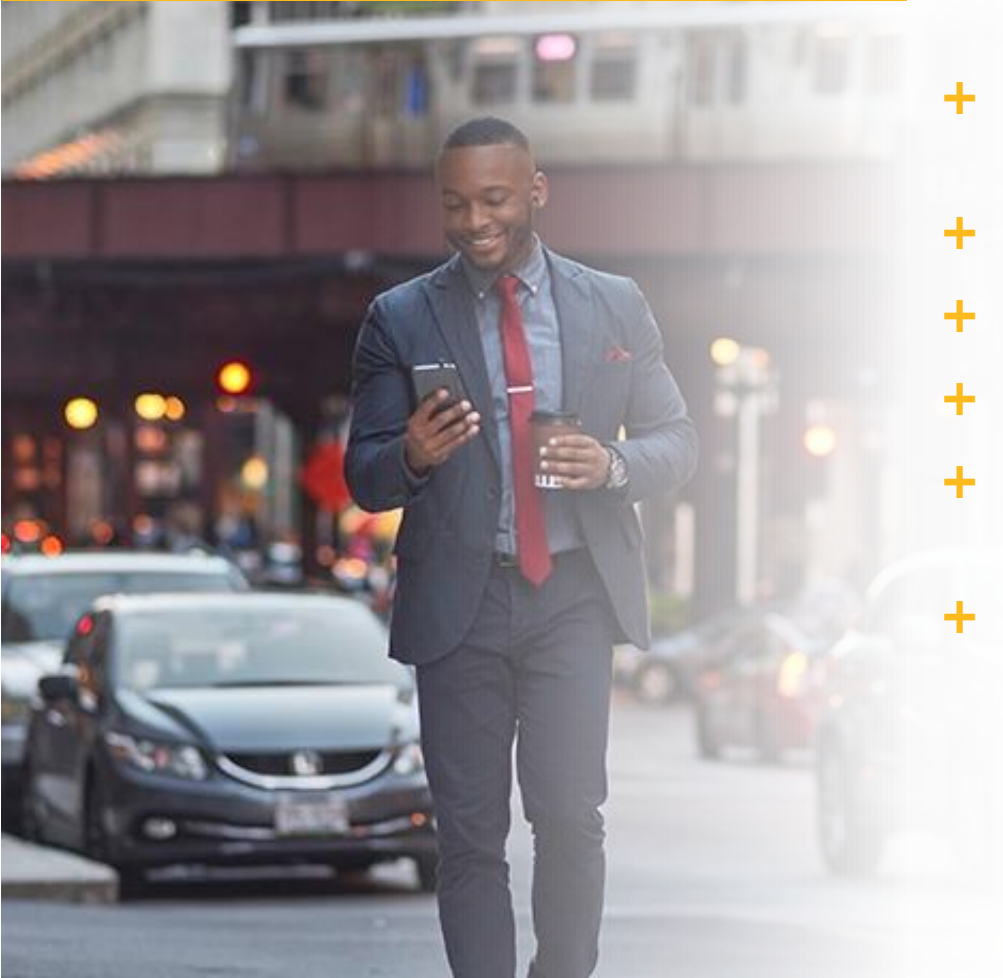
INVESTOR PRESENTATION

November 2022



- I. Overview and Strategy
- II. Financial Results Q3 2022

SUSS is part of our digital life!



- + Hidden champion headquartered in Germany with 70+ year track record of innovation and growth
- + Key technology provider for semiconductor advanced backend industry
- + Global customer base with largest share of business in Asia
- + Strategic partner for global semiconductor IDMs and Foundries
- + Innovator with relevant network to research institutes and universities
- + 2025 Target: more than € 400 million revenue and >15% EBIT margin

GLOBAL PLAYER WITH STATE-OF-THE-ART PRODUCTION NETWORK

Sternenfels | (Germany)



15,000 m²

448 empl.*

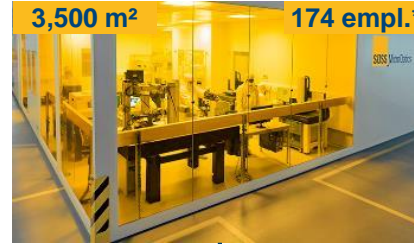
Garching | (HQ, Germany)



9,000 m²

238 empl.*

Neuchatel | (Switzerland)



3,500 m²

174 empl.*

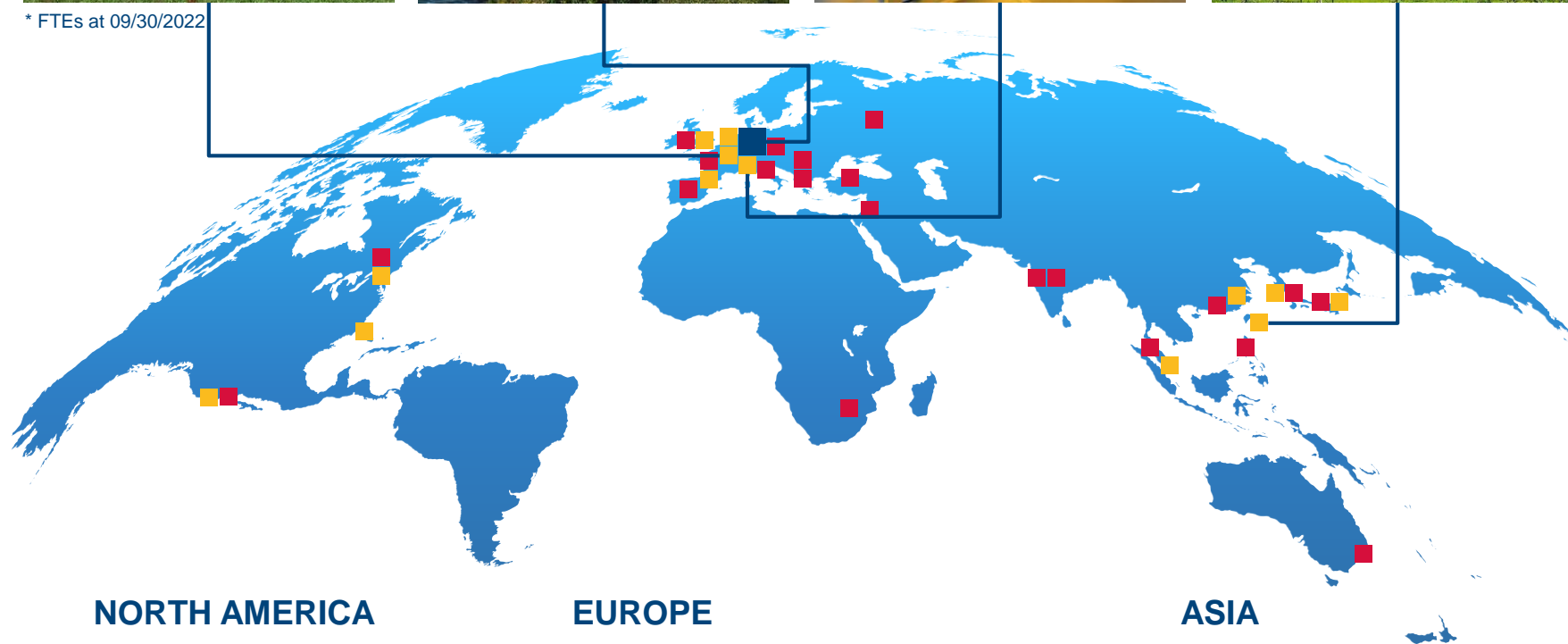
Hsinchu | (Taiwan)



4,800 m²

196 empl.*

* FTEs at 09/30/2022



NORTH AMERICA

■ USA

EUROPE

■ (HQ) Germany
 ■ Switzerland
 ■ United Kingdom
 ■ Netherlands
 ■ France

ASIA

■ Japan
 ■ Korea
 ■ China
 ■ Taiwan
 ■ Singapore


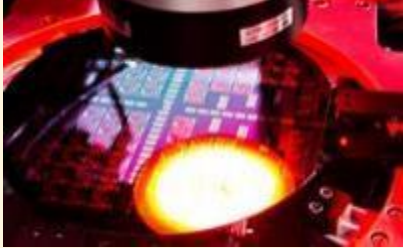
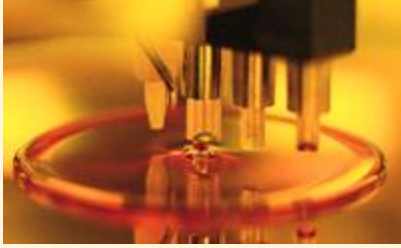

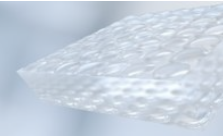
■ (HQ) Germany
 ■ SUSS sites
 ■ WW distributors

ADVANCED BACKEND SOLUTIONS AS CORE ASSET IN OUR PRODUCT PORTFOLIO

| | FRONTEND | ADVANCED BACKEND | | | COMPONENTS |
|----------|--|--|--|---|--|
| SEGMENTS | Photomask Equipment | Lithography | | Bonder | MicroOptics |
| |  |  |  |  |  |
| PRODUCTS | Photomask Cleaning | Exposure Systems | Coater / Developer | Bonding Systems | Microlens Arrays |
| |  MaskTrackPro |  Mask Aligner MA200/300 Projection Scanner DSC300 |  ACS300 |  XBC300 XB8 |  Microlens Arrays |

ADVANCED BACKEND SOLUTIONS AS CORE ASSET IN OUR PRODUCT PORTFOLIO

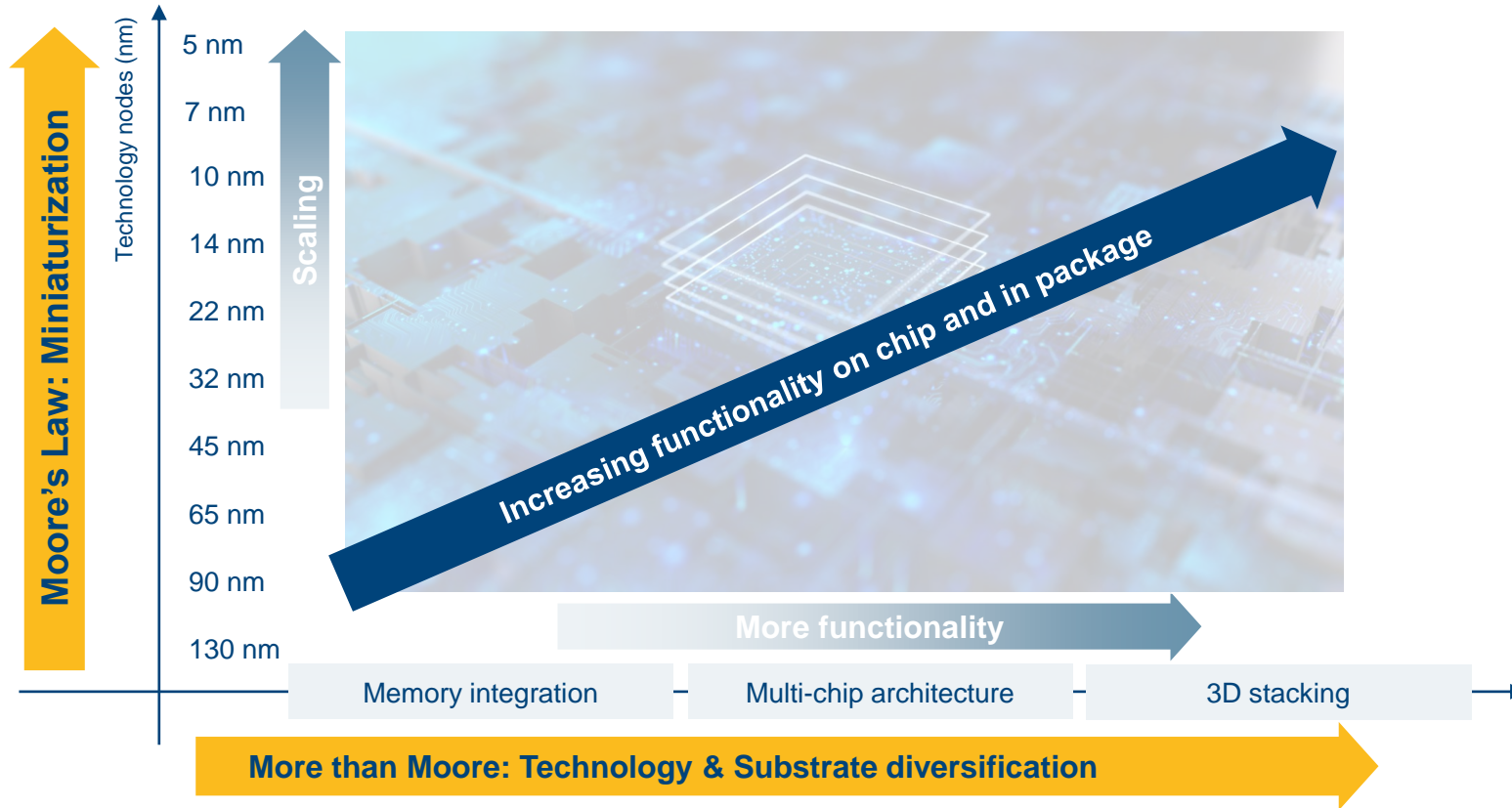


| | FRONTEND | ADVANCED BACKEND | | | COMPONENTS |
|---------------------|---|---|---|---|--|
| SEGMENTS | Photomask Equipment | Lithography | | Bonder | MicroOptics |
| |  |  |  |  |  |
| PRODUCTS | Photomask Cleaning | Exposure Systems | Coater / Developer | Bonding Systems | Microlens Arrays |
| PROCESS STEPS | Photomask Cleaning | Proximity Exposure (Mask Aligner) UV Projection Lithography (UV Scanner) Imprint Systems Metrology | Coating & Developing Metrology Inkjet Printing | Bonding Alignment Permanent Bonding Temporary Bonding Hybrid Bonding Debonding Metrology | Imprint Applications Industrial: FSMO (Fiber, Semi, Medical, Optics) Automotive: Light Carpets, MLA Headlights |
| SHARE OF 2021 SALES | 19 % | 59 % | | 12 % | 10 % |

OUR MARKETS OFFER GROWTH POTENTIAL

| Advanced Semiconductors | | | Sensors / Actuators | Photonics | Micro-optics |
|---|--|--|---|---|---|
| Front End Lithography <ul style="list-style-type: none"> Photomask Cleaning | Advanced Packaging <ul style="list-style-type: none"> Micro-Bumping WLP | Chipset Integration <ul style="list-style-type: none"> 3D (TSV) Stacking 2.5D Integration | MEMS <ul style="list-style-type: none"> Internet of Things Automotive Mobile Devices Biomedical Wearables | Photonics <ul style="list-style-type: none"> LED Automotive Lighting | Microlenses/ Microlens Arrays <ul style="list-style-type: none"> Fibre Optics Wafer Level Optics |
| | | | | | |
| | | | | | |
| MaskTrack Pro | ACS300 | XBS300 Temporary Bonder | MA/BA8 Gen4 BA8 Gen4 | SUSS MicroOptics | SUSS MicroOptics |

WE ARE A LEADING PLAYER IN ADVANCED BACKEND



Semiconductor industry trends

- + **Semiconductor industry** is constantly striving to **increase** computing power and/or reduce power consumption by using advanced substrates and **miniaturization**.
- + **Miniaturization** and performance increase at single chip level is **exhausted** in a few years due to physical limits (first 1 nm fab already in planning).
- + A further **performance increase** requires chips integration and/or 3D stacking ("**More than Moore**").
- + Consequently, the importance of **advanced backend** solutions with demand for bonding and lithography has **strong growth opportunities**.

SUSS MicroTec:

- is a **leading** international solution provider in **advanced backend** with
- already more than **70 % of total sales in advanced backend**.

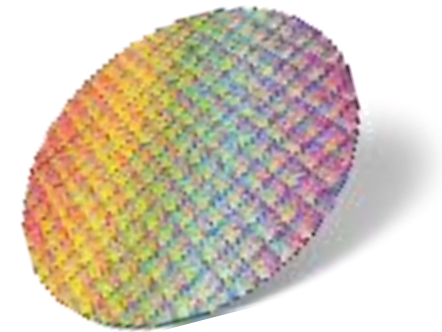
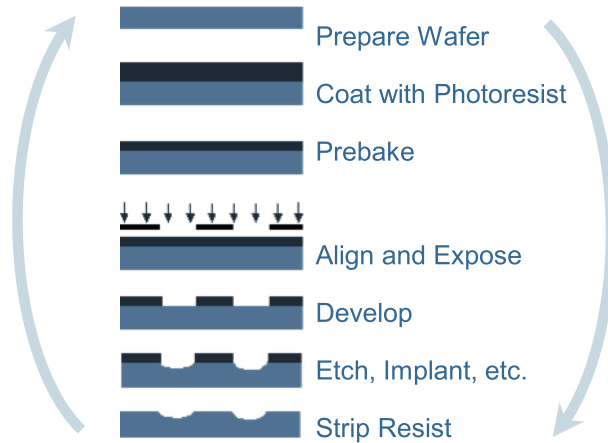
EXCURSUS: FRONTEND PROCESS STEPS DRIVING MOORE'S LAW

“Moore’s Law”

Front-end wafer fab



Wafer value:
< €100



Wafer value:
€10.000 - €100.000

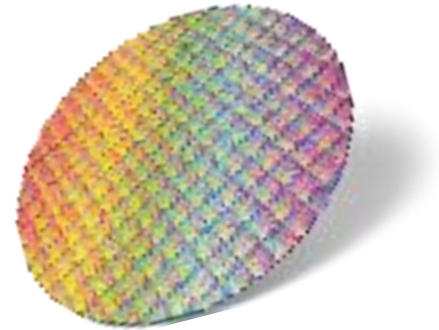
Frontend characteristics:

- Total invest in 300 mm fab: >\$4bn
- 600 – 1000 process steps
- cycle time > 3 months

EXCURSUS: ADVANCED BACKEND PROCESS STEPS DRIVING MORE THAN MOORE

“More Than Moore”

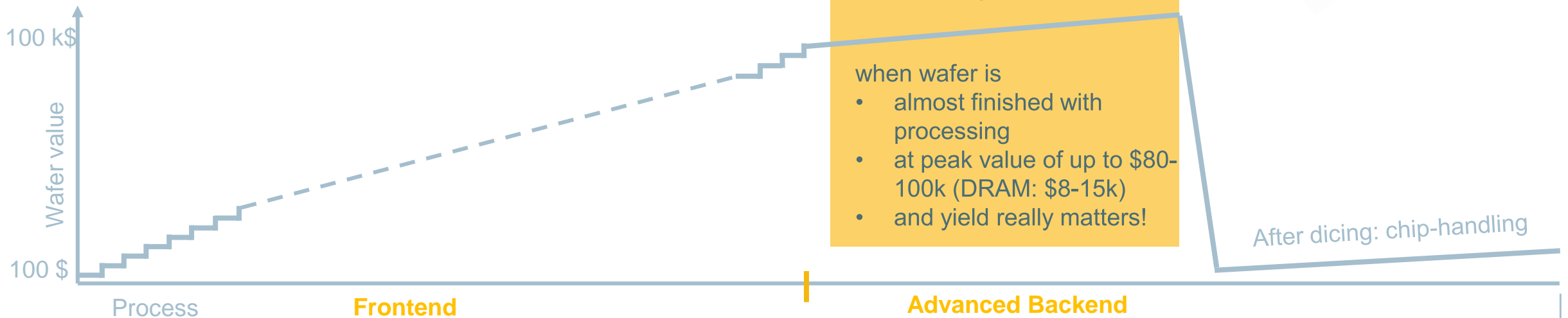
Wafer-level packaging / advanced backend



SUSS MicroTec focus:

Supporting key advanced backend processes as:

- Coating
- Lithography
- Bonding
- Cleaning and more



- when wafer is
- almost finished with processing
 - at peak value of up to \$80-100k (DRAM: \$8-15k)
 - and yield really matters!

After dicing: chip-handling

STACKING BEYOND MOORE'S LAW REQUIRES MANY TRICKS

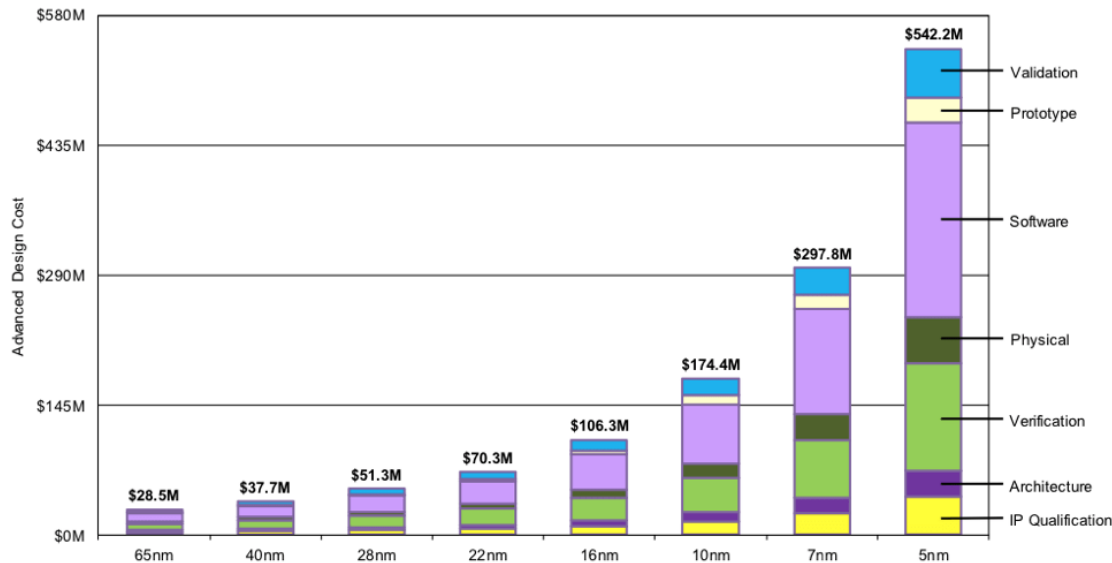


ADVANCED BACKEND DRIVING MORE THAN MOORE 2.5D AND 3D INTEGRATION

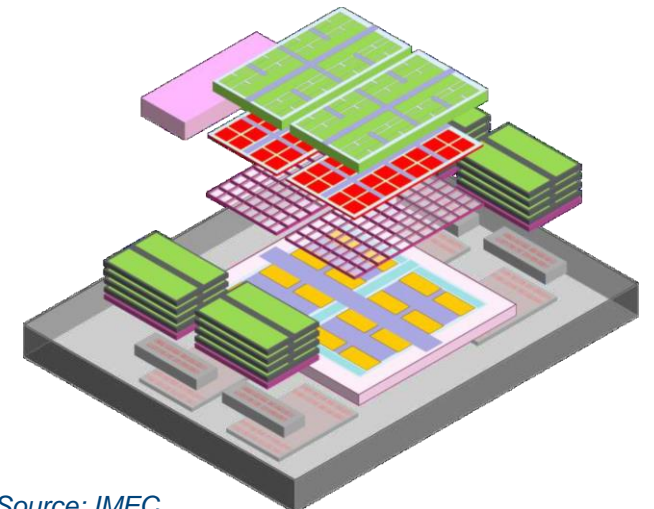
- + Moore's law is noticeably slowing down
- + Higher performance via new functionalities are no longer mainly driven by device scaling
- Additional functionalities rely on additional device area, negatively impacting wafer yield
- Growth into third dimension is inevitable
- Advent of 2.5D and 3D era and heterogeneous integration



Source: arm

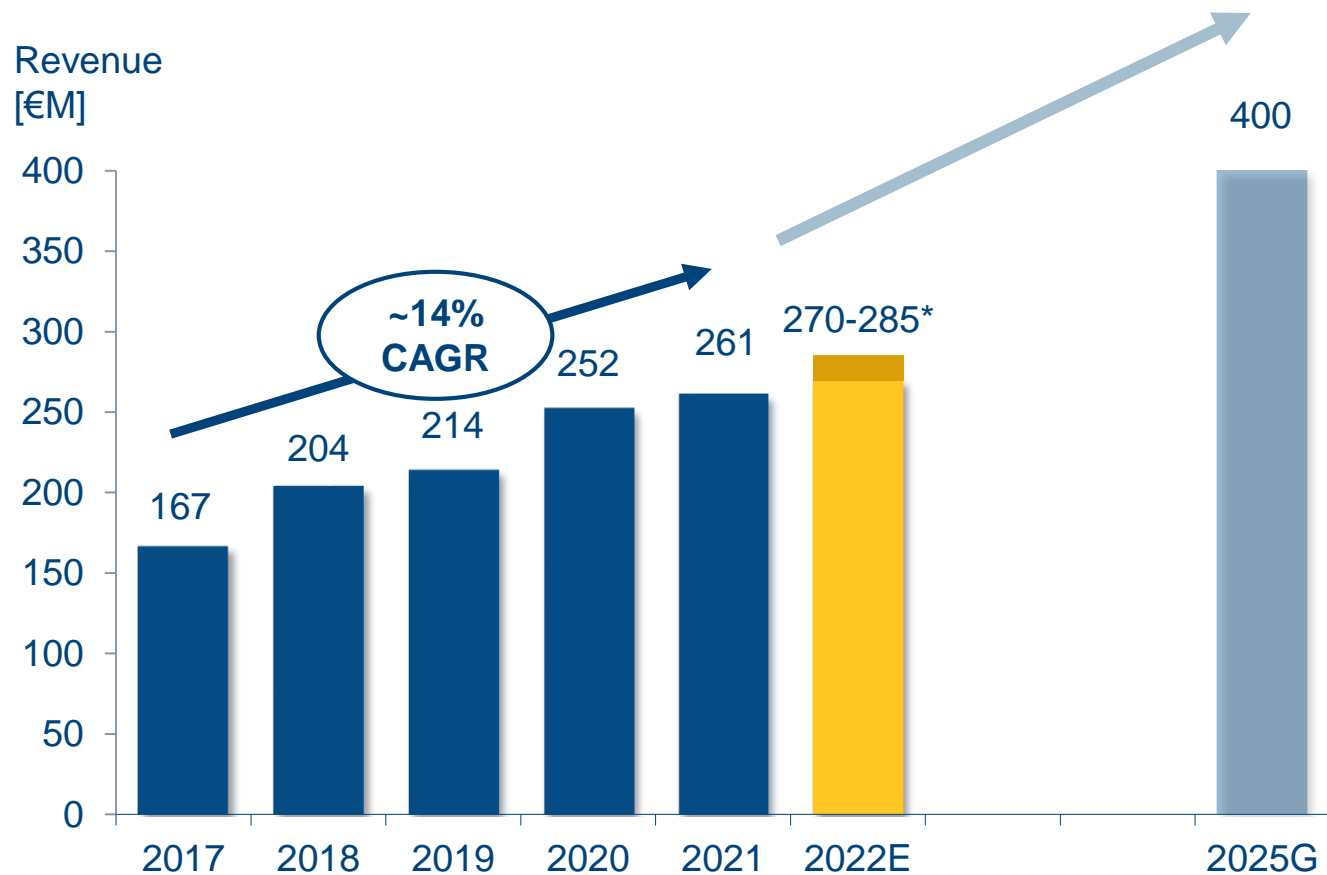


Source: International Business Strategies



Source: IMEC

OUTLOOK 2025: SUSTAINED AND PROFITABLE REVENUE GROWTH



* According to our Q3-2022 report, we expect FY2022 sales to be in the lower part of our initial guidance range of €270 million to €300 million.

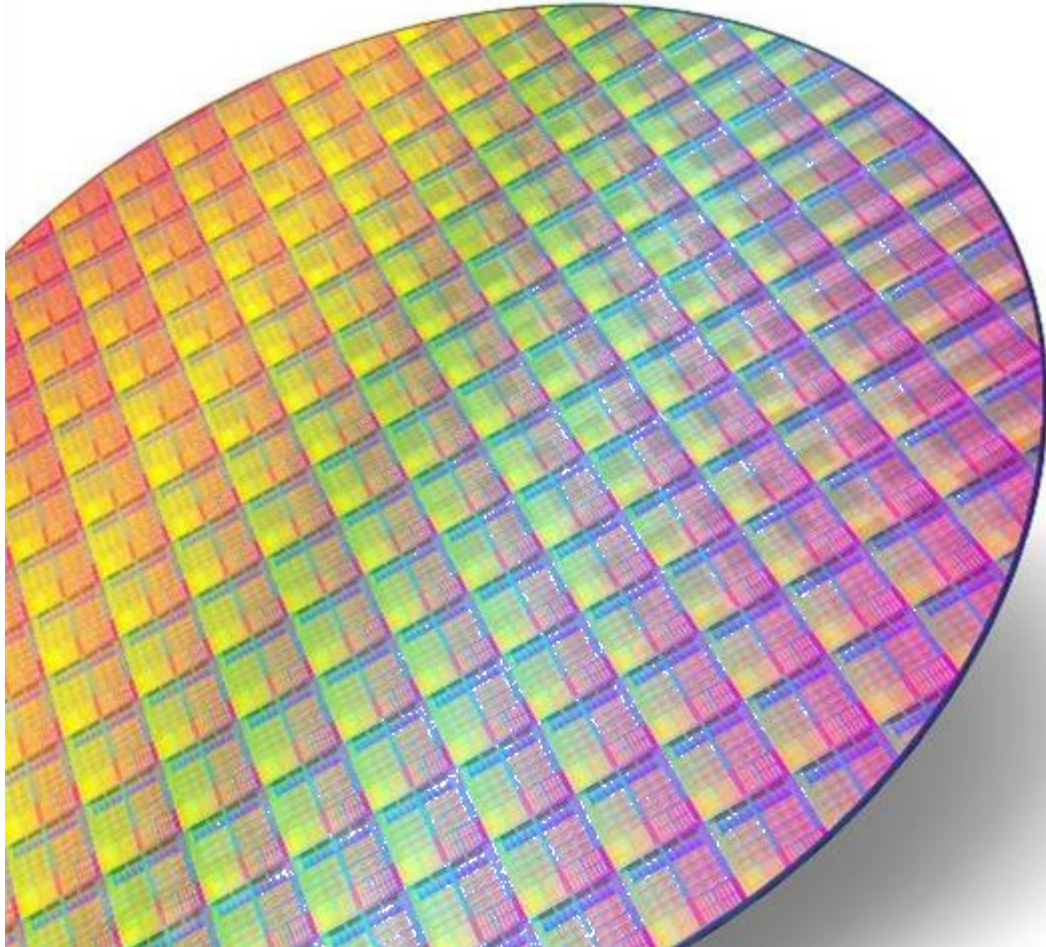
(G =Goal)

- + **Sustained top-line growth**
 - Continued growth of core businesses lithography and photomask equipment
 - Increased focus on high-growth opportunities: bonder and micro optics applications

- + **In parallel, operations and performance transformation**

Our target for 2025: € 400 million revenue with >15% EBIT

- 
- A photograph of three scientists in a laboratory setting. They are wearing white lab coats, hairnets, and safety glasses. One scientist is pointing at a monitor, while the others look on. The scene is brightly lit with a warm, yellowish glow.
- I. Overview and Strategy
 - II. Financial Results Q3 2022



Key Figures:

- + Another quarter with record order entry of € 142.5 million
- + Revenue slightly up even though facing ongoing supply chain challenges
- + EBIT margin decreased to 8.4 % (previous year: 13.9%) due to higher material and personnel costs as well as the product mix
- + Positive free cash flow of € 11.3 million due to higher prepayments (previous year: € -1.8 million)

Q3 Business Highlights:

- + Demand remains strong across all SUSS MicroTec segments, with strongest OE growth for Photomask Equipment and Bonder segments
- + Revenue still negatively impacted by ongoing supply chain bottlenecks:
 - + Tools with a value of about € 16 million were delivered but not recognized as sales in Q3 2022 due to missing parts or functionality
 - + Tools worth approx. € 5 million are assembled, but delivery is outstanding

KEY GROUP FIGURES 9M 2022

| <i>in € million</i> | Q3 / 2022 | Q3/ 2021 | Change | 9 Months / 2022 | 9 Months / 2021 | Change |
|----------------------------------|-----------|----------|--------------|-----------------|-----------------|--------------|
| Order entry | 142.5 | 101.0 | 41.1% | 373.3 | 253.8 | 47.1% |
| Order backlog as of Sep 30 | -- | -- | -- | 377.3 | 185.4 | 103.5% |
| Total sales | 70.5 | 70.0 | 0.7% | 195.2 | 188.5 | 3.6% |
| Gross profit | 24.4 | 27.4 | -10.9% | 68.2 | 68.9 | -1.0% |
| Gross profit margin | 34.6% | 39.1% | -4.5%-Points | 34.9% | 36.5% | -1.6%-Points |
| EBIT | 5.9 | 9.7 | -39.2% | 11.0 | 17.7 | -37.8% |
| EBIT margin | 8.4% | 13.9% | -5.5%-Points | 5.6% | 9.4% | -3.8%-Points |
| Earnings after tax | 3.6 | 7.1 | -48.8% | 7.2 | 12.1 | -40.2% |
| Earnings per share, basic (in €) | 0.19 | 0.37 | -- | 0.38 | 0.63 | -- |
| Net cash | -- | -- | -- | 52.2 | 19.8 | 163.7% |
| Free Cashflow | 11.3 | -1.8 | -- | 17.4 | 0.2 | -- |
| Employees as of Sep 30 | -- | -- | -- | 1,221 | 1,148 | 6.4% |

9M figures

- + High Order Entry (+ 47.1%), Backlog at € 377.3 million
- + Revenue up by 3.6%
- + EBIT margin decrease due to higher material and personnel costs as well as higher R&D spending
- + Net cash and FCF improved strongly

Lithography

Photomask Equipment

Exposure Systems

Coater / Developer



| <i>in € million</i> | Q3 2022 | Q3 2021 | 9M 2022 | 9M 2021 |
|---------------------|---------|---------|---------|---------|
| Order entry | 55.6 | 48.2 | 163.3 | 134.0 |
| Sales | 37.8 | 41.1 | 105.9 | 113.1 |
| Gross Profit | 15.9 | 17.4 | 41.8 | 42.0 |
| Gross Profit Margin | 42.2% | 42.4% | 39.5% | 37.1% |
| EBIT | 4.8 | 7.5 | 9.7 | 15.3 |
| EBIT-Margin | 12.7% | 18.3% | 9.1% | 13.5% |

- + Order entry: strong demand for coaters/developers for high volume production as well as rising demand for UV-scanners
- + Sales below previous year due to ongoing supply chain bottlenecks
- + Gross Profit margin improved due to a favorable product mix, especially with good demand for higher margin mask aligners
- + EBIT and EBIT-margin decreased due to a lower sales level as well as higher R&D spending (+ € 2m), EBIT of 2021 includes a positive one-off effect of € 1.5m

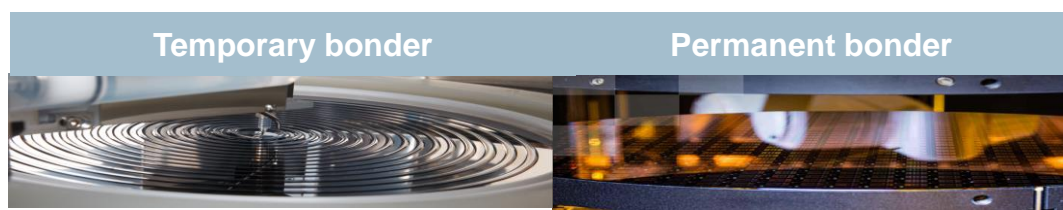
Photomask Cleaning



| <i>in € million</i> | Q3 2022 | Q3 2021 | 9M 2022 | 9M 2021 |
|---------------------|---------|---------|---------|---------|
| Order entry | 53.6 | 28.8 | 116.2 | 61.8 |
| Sales | 19.4 | 12.2 | 34.4 | 33.5 |
| Gross Profit | 5.9 | 3.8 | 10.8 | 11.0 |
| Gross Profit Margin | 30.5% | 31.2% | 31.3% | 32.9% |
| EBIT | 4.7 | 1.9 | 4.7 | 5.1 |
| EBIT-Margin | 24.2% | 15.4% | 13.7% | 15.2% |

- + Very strong order entry, driven by tool orders from Asia; repeat orders from key accounts and wins from new customers
- + Sales level improved as several postponed deliveries could be shipped to customers in Q3
- + Gross Profit margin decreased slightly

Bonder Micro-Optics



| <i>in € million</i> | Q3 2022 | Q3 2021 | 9M 2022 | 9M 2021 |
|---------------------|---------|---------|---------|---------|
| Order entry | 21.5 | 16.6 | 66.0 | 33.1 |
| Sales | 4.9 | 10.1 | 25.8 | 21.7 |
| Gross Profit | 0.0 | 3.9 | 7.1 | 8.1 |
| Gross Profit Margin | 0.3% | 39.0% | 27.7% | 37.5% |
| EBIT | -2.5 | 1.5 | -2.0 | 0.5 |
| EBIT-Margin | -51.6% | 14.7% | -7.6% | 2.4% |

- + Very strong order entry, driven by orders for automated tools for high volume manufacturing
- + Sales level improved only slightly as several deliveries are still postponed due to missing parts
- + Gross Profit margin decreased due to higher manufacturing costs
- + EBIT and EBIT-margin were negatively impacted by higher SG&A costs and a write-down of an evaluation tool (- € 0.6m)

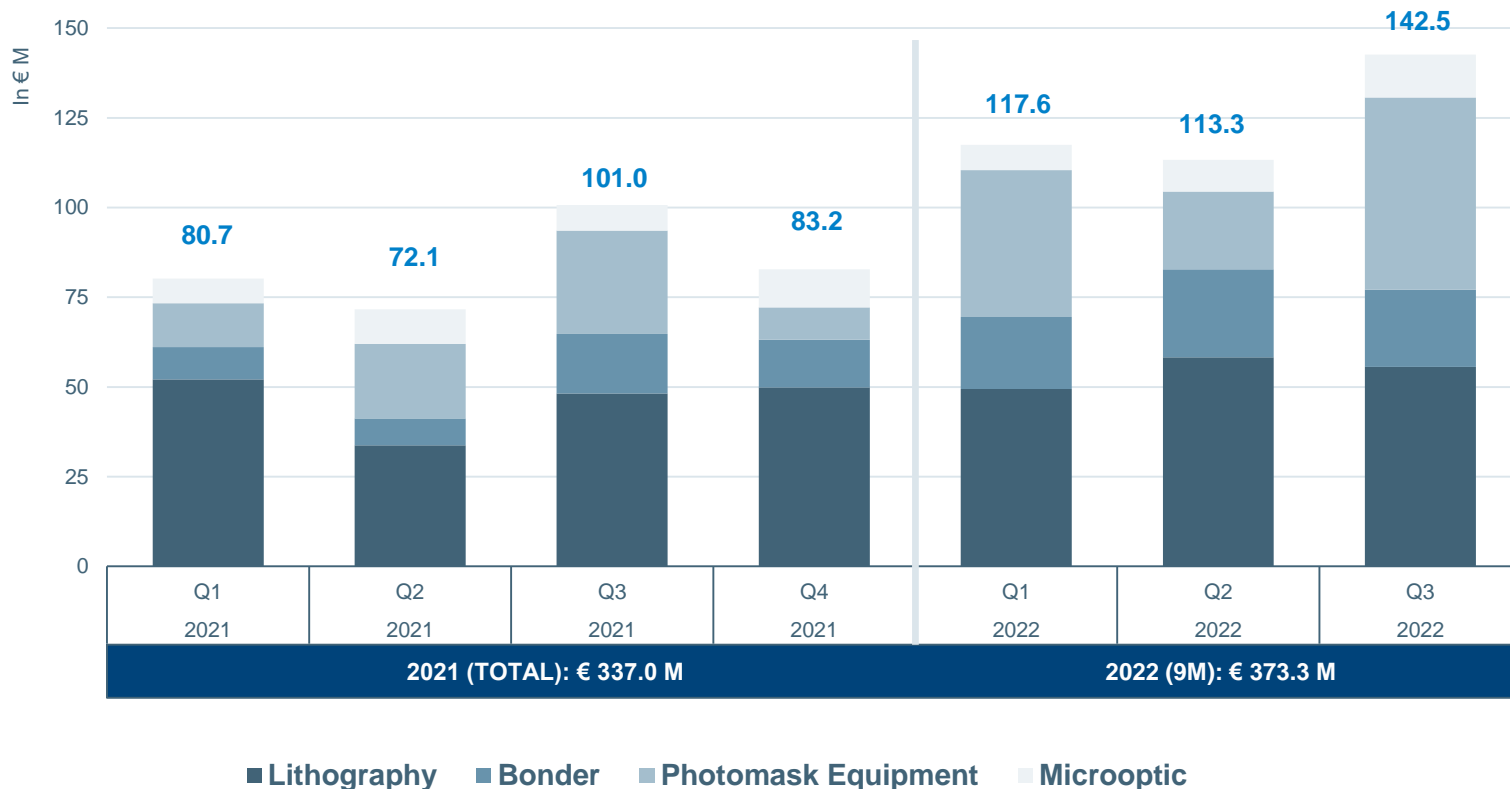


| <i>in € million</i> | Q3 2022 | Q3 2021 | 9M 2022 | 9M 2021 |
|---------------------|---------|---------|---------|---------|
| Order entry | 11.9 | 7.0 | 27.8 | 23.5 |
| Sales | 9.0 | 7.1 | 30.7 | 21.0 |
| Gross Profit | 2.6 | 1.7 | 8.5 | 6.0 |
| Gross Profit Margin | 28.7% | 24.5% | 27.7% | 28.4% |
| EBIT | 0.2 | -0.1 | 1.7 | 0.7 |
| EBIT-Margin | 2.7% | -1.8% | 5.4% | 3.2% |

- + Order entry increased once again yoy and qoq and is positively impacted by orders for medical applications
- + Sales strongly up after capacity increase (new clean room)
- + Gross profit margin slightly down to 27.7% due to higher sales share of automotive business but it decreased only slightly despite a strong rise in manufacturing costs
- + EBIT & EBIT margin up in part due to higher sales and better fixed cost coverage

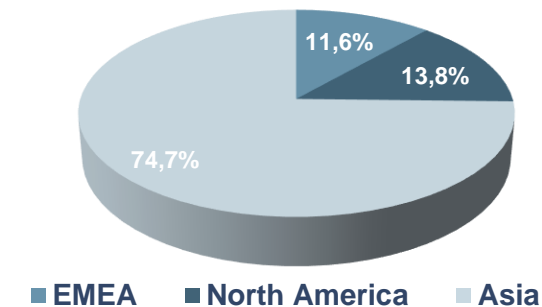
ORDER ENTRY BY SEGMENT AND SALES REGION

Order entry by segment

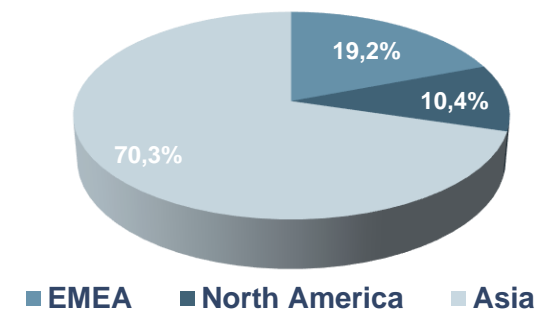


- + € 373.3 million order entry in the first 9 months
- + Book-to-bill-ratio 9M 2022: 1.91 (PY: 1.34)

Order Entry by region (Q3 2022):

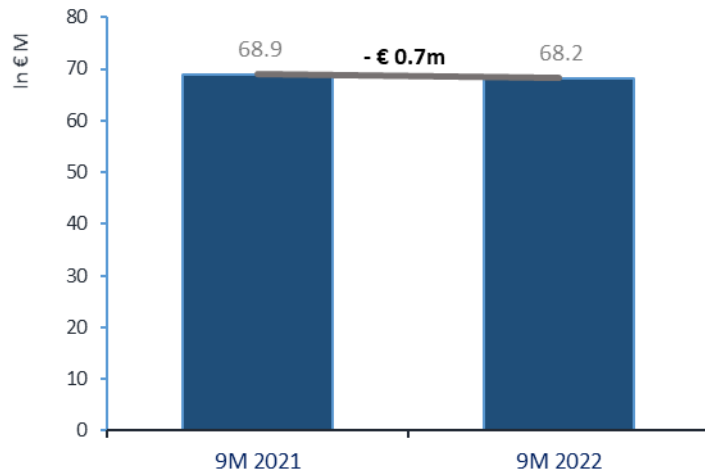


Sales by region (Q3 2022)

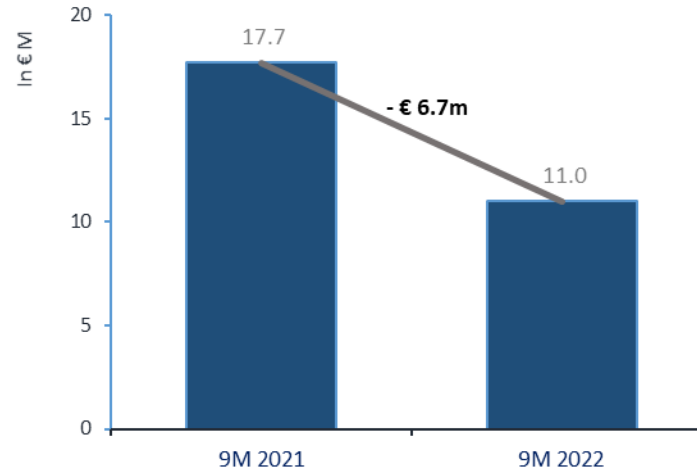


PROFITABILITY IMPACTED BY SUPPLY CHAIN BOTTLENECKS

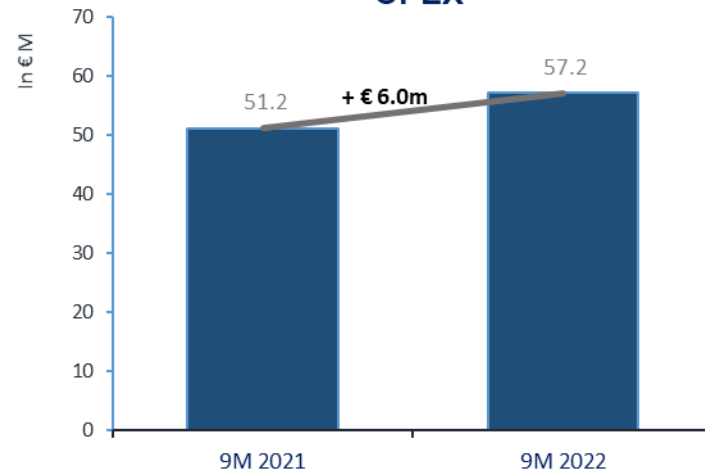
GROSS PROFIT



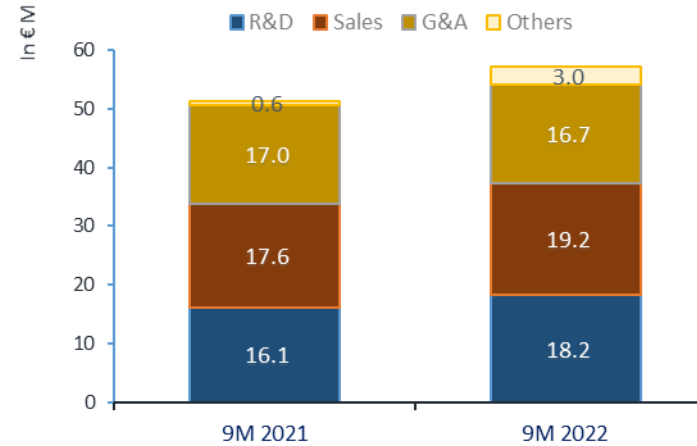
EBIT



OPEX



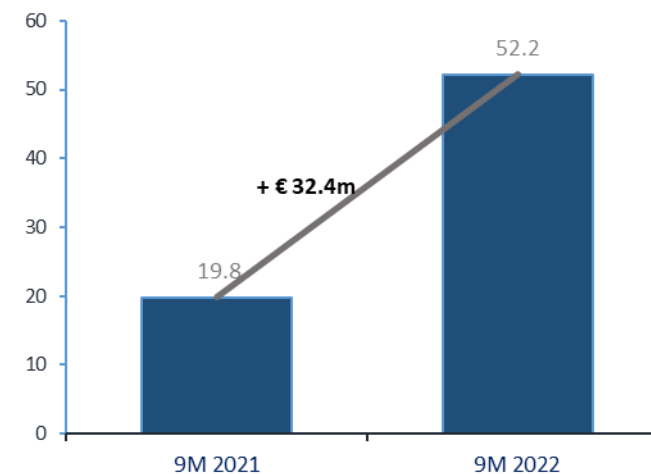
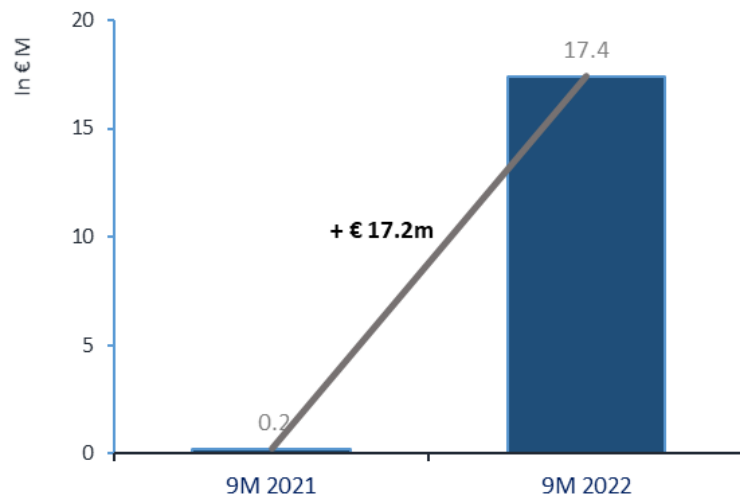
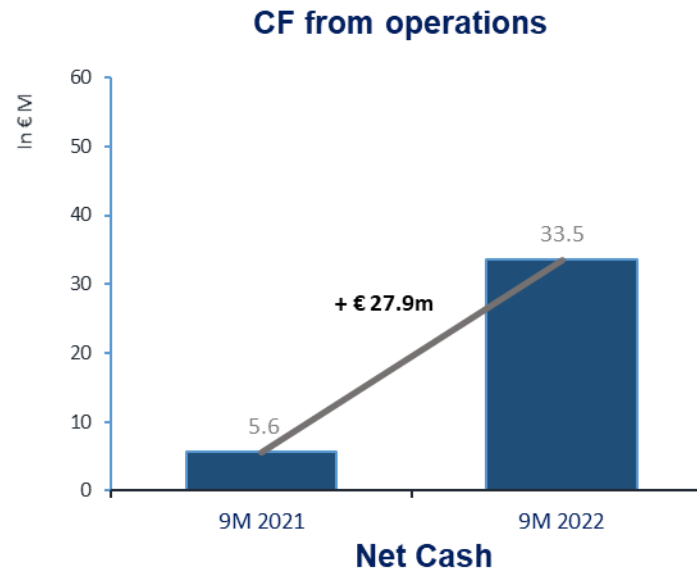
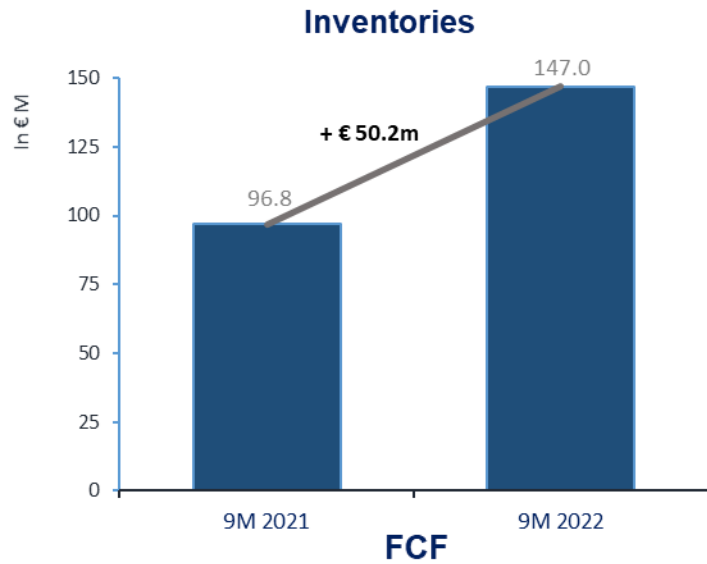
Operating Expenses



Comments:

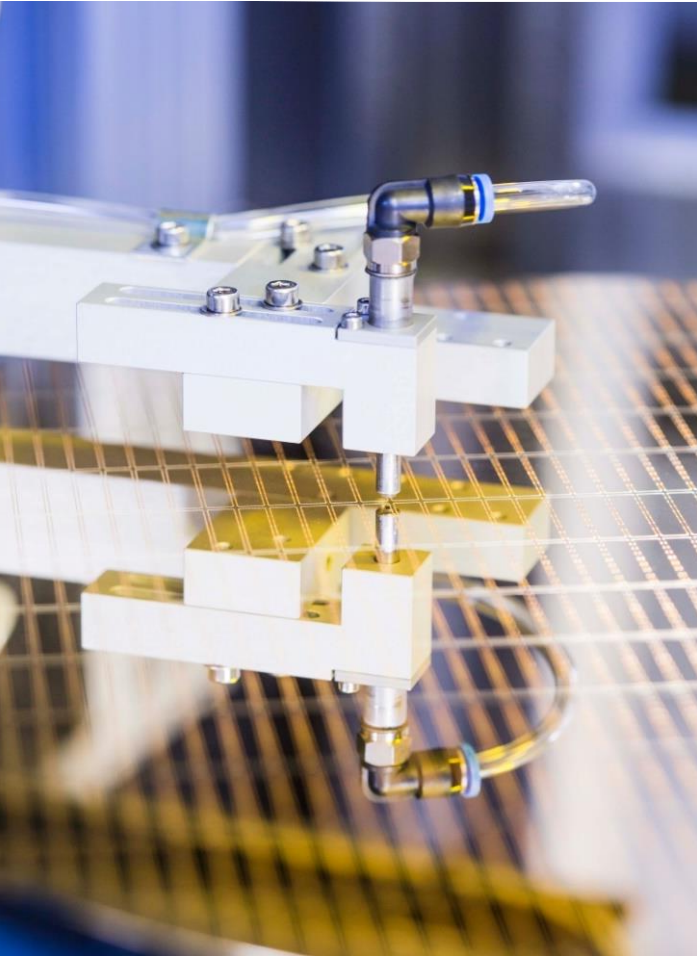
- + 9M 2022 revenue has been negatively impacted by supply chain constraints
- + Slightly lower gross profit margin at 34.9%
- + Revenue (and gross profit) on some finished goods not yet recognized
- + Q3 2021 EBIT included a positive one-off effect of € 1.5 million due to a reversal of a write-off for two UV-scanners
- + 9M EBIT decreased by € 6.7 million vs. 2021 mainly caused by a lower Gross Profit margin, overall higher R&D spending, more Selling and Marketing expenses and a negative FX effect in 2022

FREE CASH FLOW IMPROVED DESPITE GROWING INVENTORIES



Comments:

- + Increasing inventory level due to supply chain bottlenecks and long lead times
- + Operating CF improved mainly due to higher down payments (partly offset by build-up of safety stock & work in progress)
- + Improvement of FCF and Net Cash
- + Financial headroom: € 102m (thereof undrawn syndicated loan of € 40m)



Revenue 2022

€ 270M - 300M
(lower part of range)

EBIT margin 2022

8.5 - 10.5%
(lower end of range)

Free cash flow
2022

€ -5M to +5M

- + 2022 results impacted by supply chain bottlenecks
- + With ongoing supply chain challenges, growth path shows incremental & temporary delay, not fundamental slow-down (as shown by strong OE)
- + Guidance bandwidth narrowed: sales at lower part of range and EBIT at lower end of range expected
- + Expect further top- and bottom-line growth to at least € 400 million in 2025, with 15% EBIT margin (unchanged)

DISCLAIMER

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

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Financial Calendar 2023

| | |
|------------------------------------|-----------------|
| Annual Report 2022 | March 31 |
| Quarterly Report 2023 | May 11 |
| Annual General Meeting 2023 | May 31 |
| Half Year Report 2023 | Aug. 3 |
| Nine Months Report 2023 | Nov. 9 |