OUR PATH TO GROWTH AND VALUE CREATION

Investor Presentation
March 2024

SILTRONIC AT A GLANCE

4,500
employees
worldwide

4
world-class
production sites

1.5
billion EUR
Sales for 2023

50+
years of history
in silicon technologies

Supplier
to top
semiconductor producers

29
percent
EBITDA-Margin

50 YEARS OF HISTORY – A STORY OF SUCCESS AND INNOVATION

1968
Foundation of Wacker-Chemitronic GmbH

1978
Foundation of Wacker Siltronic Corporation Portland (US)

1984
First 200 mm wafers at Wacker-Chemitronic

1990
First research and development projects for 300 mm wafers

1995
Acquisition of Freiberg facility

1995
Foundation of Wacker Siltronic Singapore Pte. Ltd (“SSP”)

1999
200 mm fabrication in Singapore kicks off production

2006
50:50 JV with Samsung for 300 mm facility (“SSW”)

2014
Increase stake in SSW to 78%

2015
Siltronic executes successful IPO

2016
Inauguration new crystal pulling hall in Freiberg

2018
Groundbreaking new crystal pulling hall in Singapore

2021
Groundbreaking of FabNext in Singapore & expansion of crystal pulling hall in Freiberg

2023
Inauguration of crystal pulling hall extension in Freiberg

Nov 2023
First Wafers out at FabNext in Singapore

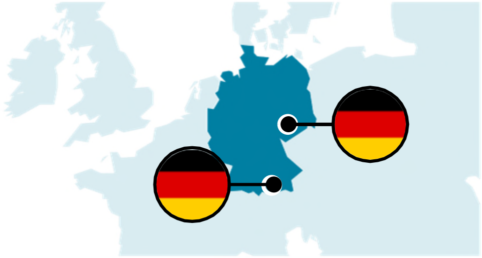
INTERNATIONAL PRODUCTION NETWORK SERVES CUSTOMERS AROUND THE GLOBE

Singapore

Singapore

SSW CP* 300 mm SSP 200 mm

Germany



Germany (Burghausen, Freiberg)

CP* 300 mm <150 mm

USA

USA (Portland)

200 mm

300 mm
volume production in Germany & Singapore

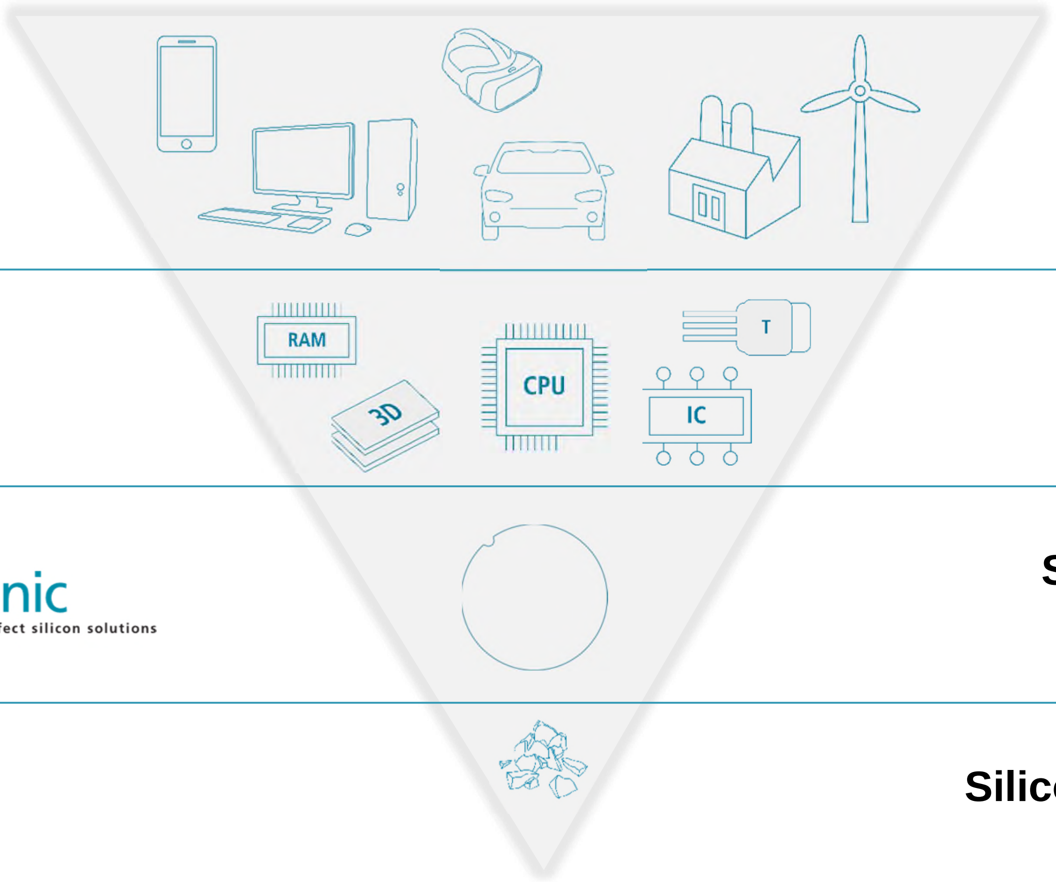
R&D
hub in Burghausen

Leading Edge
production

R&D = Research and Development
CP = Crystal Pulling

EXPANSION OF ELECTRONICS VALUE CHAIN WILL DRIVE SEMICONDUCTOR AND WAFER GROWTH

Electronics value chain (figures for 2023)[1]



Electronics
USD 1,875 bn

Semiconductors
USD 516 bn

Semiconductor silicon wafers
USD 12.3 bn

Silicon for electronic applications
USD 1.3 bn

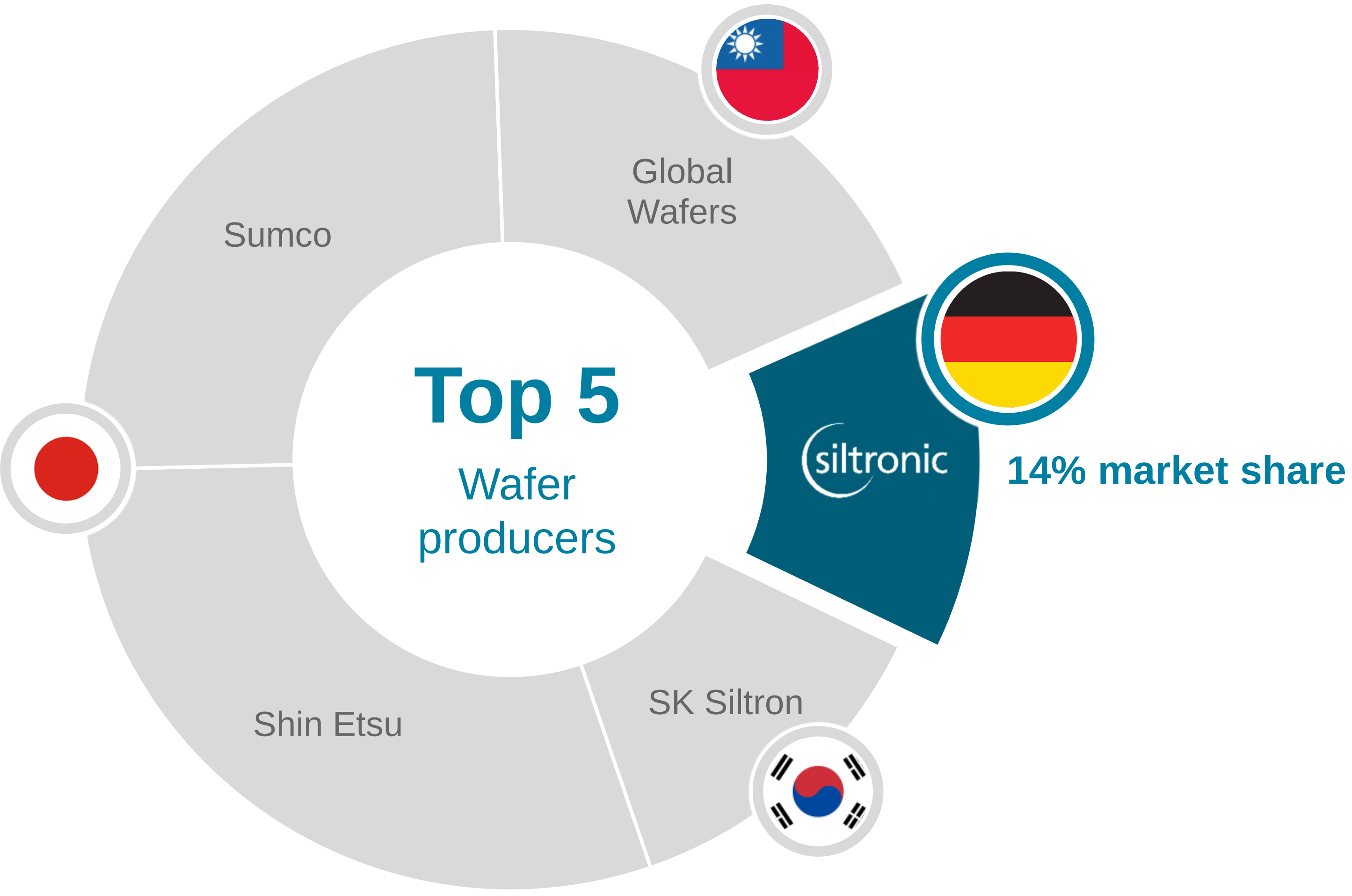
99%
of the semiconductor value chain is based on silicon

USD 1 tn
semi sales at the end of this decade[2]

Crucial
for the whole value chain

Source: 1 TechInsights, WSTS (Silicon based), SEMI SMG, Siltronic Marketing I 2 McKinsey

WELL POSITIONED IN A CONSOLIDATED MARKET AS THE ONLY WESTERN-BASED MANUFACTURER



Up to 90%
are served by the top 5 wafer manufacturers

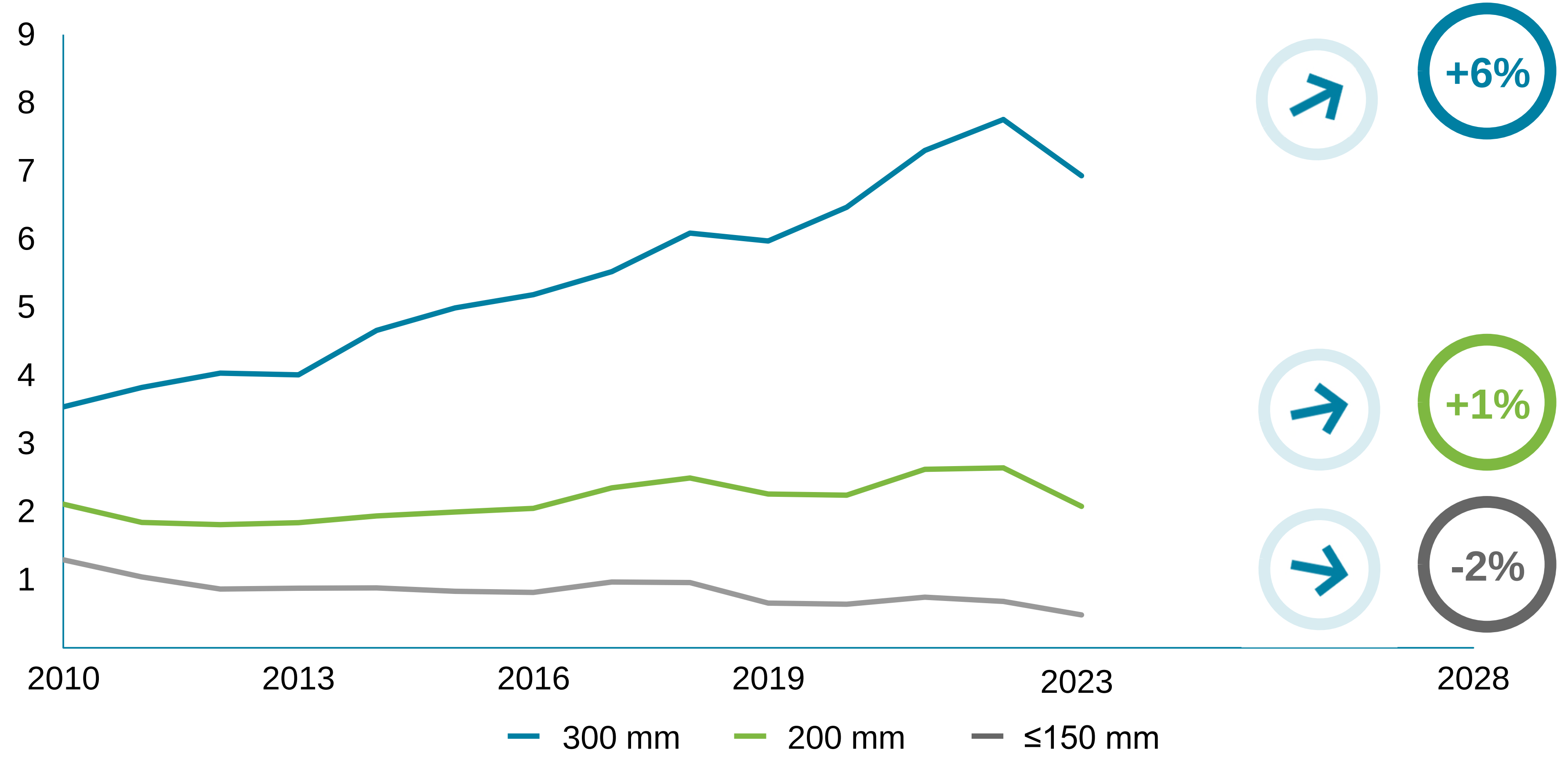
Only western
based wafer manufacturer

Consolidated
market leads to high transparency and predictability

Source: Siltronic estimate 2023, Quarterly reports of SEMI companies

CAGR OF 4–5% EXPECTED ON AVERAGE WITH HIGHEST GROWTH IN 300 MM

Development of total wafer demand per diameter
in mn 300 mm equivalents per month[1] and CAGR per diameter in %[2]



300 mm
strong growth

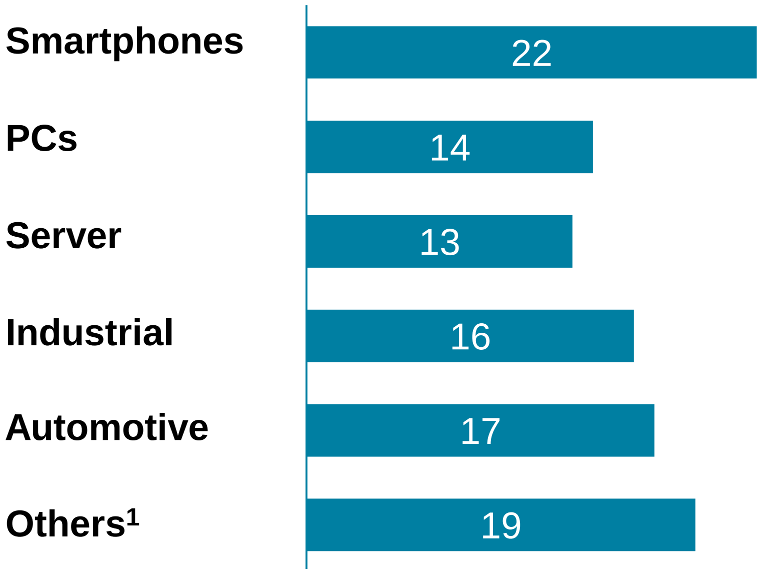
200 mm
slightly increasing

≤150 mm
decreasing

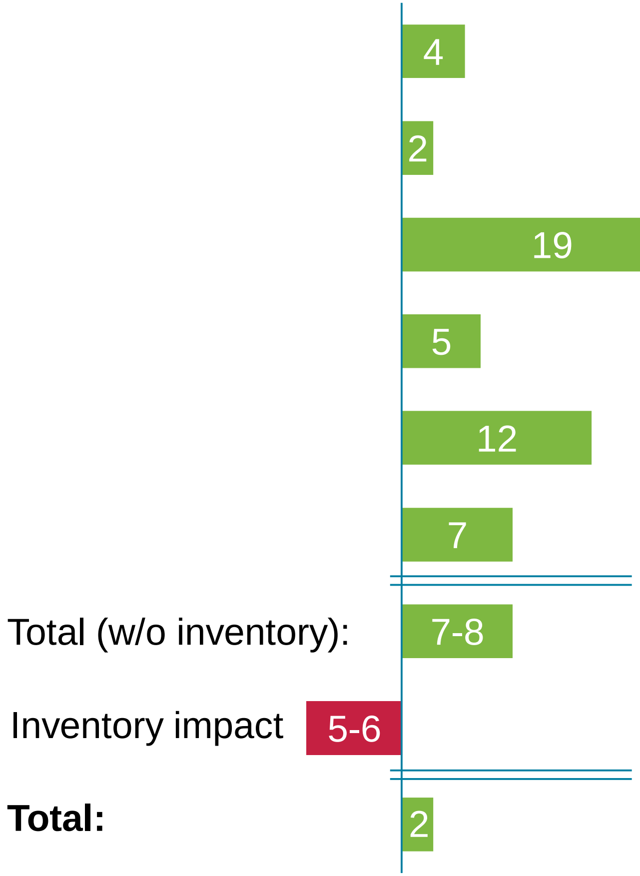
[1] Source: SEMI up to Dec 2023; [2] Siltronic CAGR expectation until 2028 (base year 2022) - the actual CAGR may deviate from expectations

SLIGHT INCREASE IN WAFER DEMAND EXPECTED FOR 2024

Consumption of wafers by end use 2023, in %



Growth in demand for wafer area 2024 vs. 2023, in %



AI Server
up to 8x more wafer area

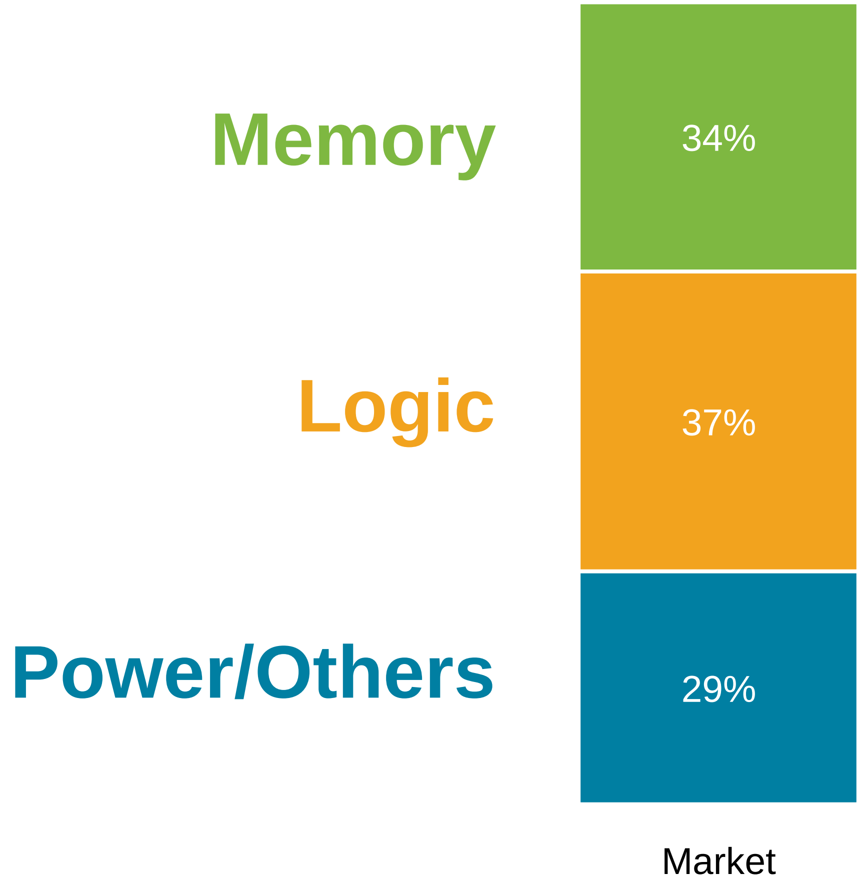
EV
60-100% more wafer area

Digitization
will further increase wafer demand

Source: Siltronic estimates, [1] Infrastructure Telecommunications, game consoles, consumer electronics such as televisions, white goods such as refrigerators

TOTAL INVENTORIES FOR MEMORY AND LOGIC HAVE PEAKED IN 2023, POWER INCREASING

Demand by segments in % of total demand in 2023[1]



Semiconductor inventories per sector[2]

Inventory levels decreasing slowly; DRAM better than NAND

Inventories still elevated but closer to normal levels

Power inventories increasing

Roughly 1/3

as a rule of thumb is the split between the three segments

Siltronic

split between the segments is similar to the market

1 Source: Siltronic estimates 2 Source: Respective company data up to Q4 2023 including finished goods, Work-in Progress and raw materials

MEGATRENDS WILL DRIVE WAFER DEMAND

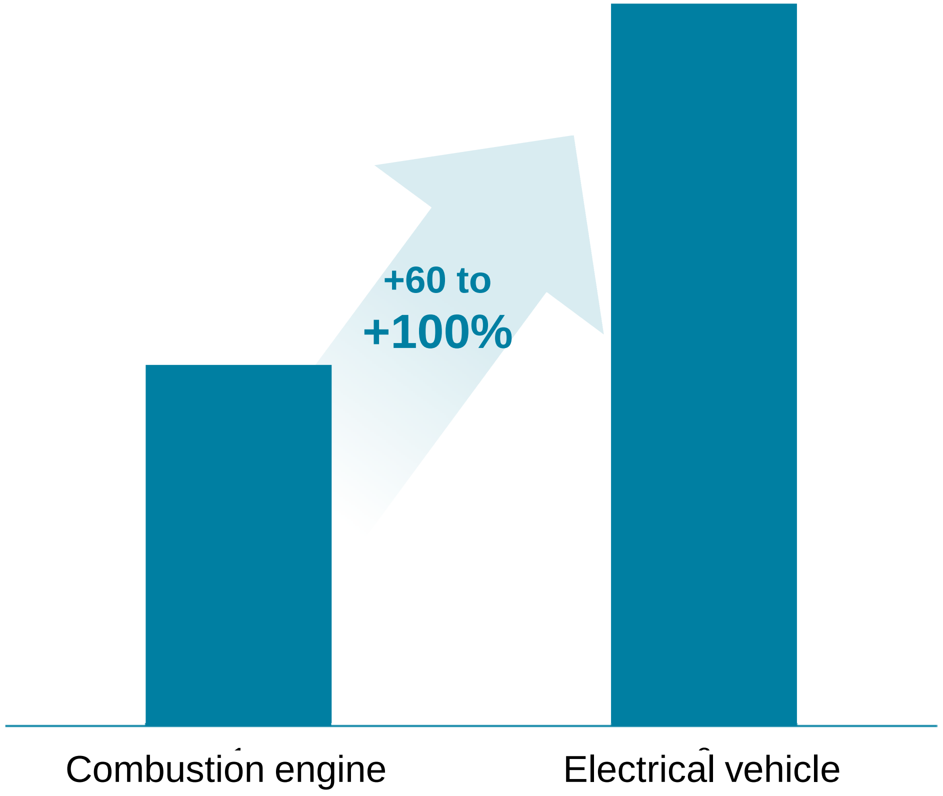
Siltronic
well positioned to support each megatrend

All segments
will participate and Power with over proportional growth

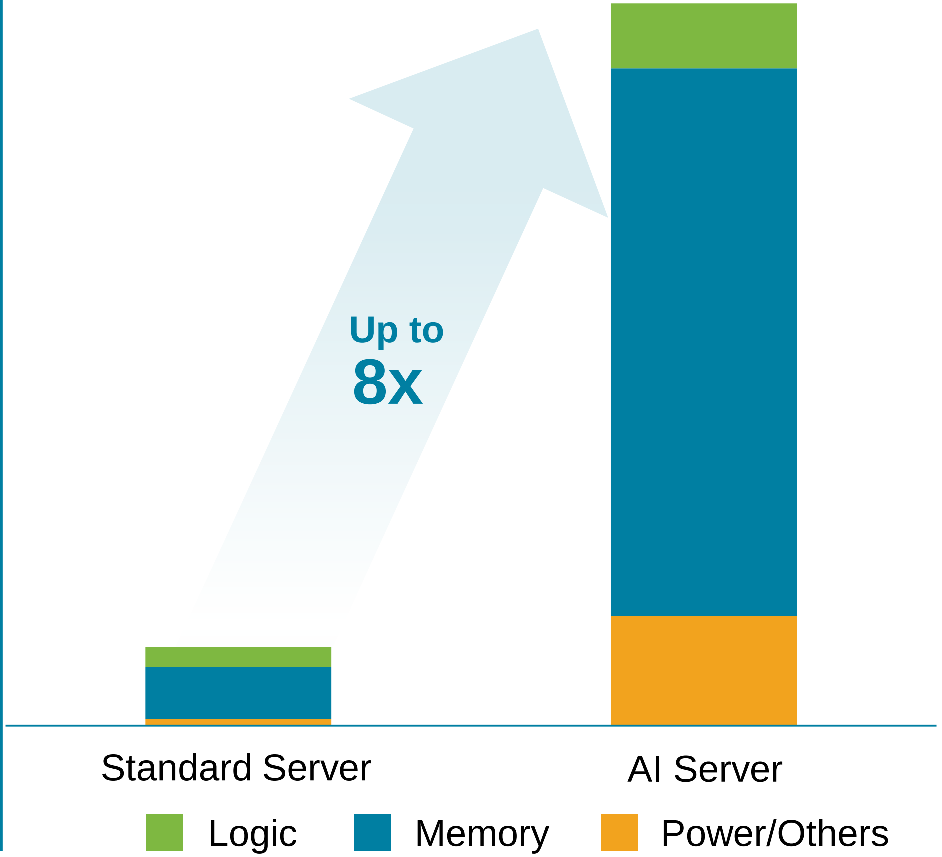
Key benefits
from strategic focus on Leading Edge and Power market

FOR EXAMPLE: ELECTROMOBILITY AND AI ARE PUSHING WAFER DEMAND

Silicon content between combustion engine and electrical vehicle
in cm² per car



Silicon content between standard server vs. AI server in cm² per server



~40%

of light vehicles expected to be EV's by 2028

>70,000 m²

Siltronic wafers in xEV's in 2028 will drive Power wafer demand

AI server

Will grow with a CAGR of >30%, strong need for leading edge wafers

Source: BS Sept. 2023 Global I/O Semiconductors; UBS May 2023; Omdia Q4 2022; Siltronic Marketing estimates

INVESTMENT PEAK FABNEXT BEHIND US

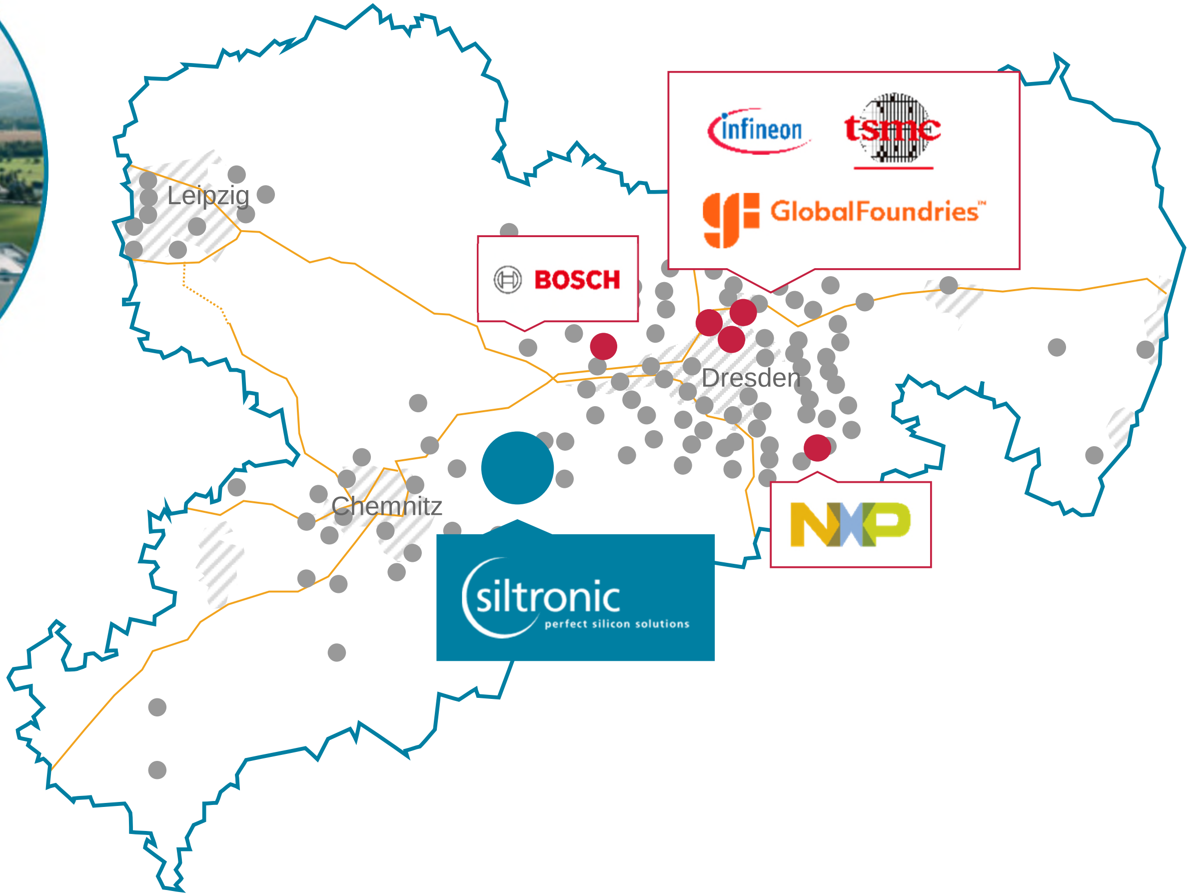
Project Status

- On track, on budget
- Focus on qualifying customers
- Ramp speed for 2024 as communicated, further decision with lead time of 18 – 24 months
- Commissioning started in early 2024, depreciation to start in Q2 2024

Commercial Facts

- Advantages:
  High automation, high epi share, economies of scale, state of the art
- High LTA share
- Ramp costs will burden profitability by up to 3%–points (mainly labor, material, energy)
- EBITDA-margin above 50% mid-term

FURTHER IMPROVED PRODUCT MIX FUELED BY INVESTMENTS (E.G. FREIBERG)



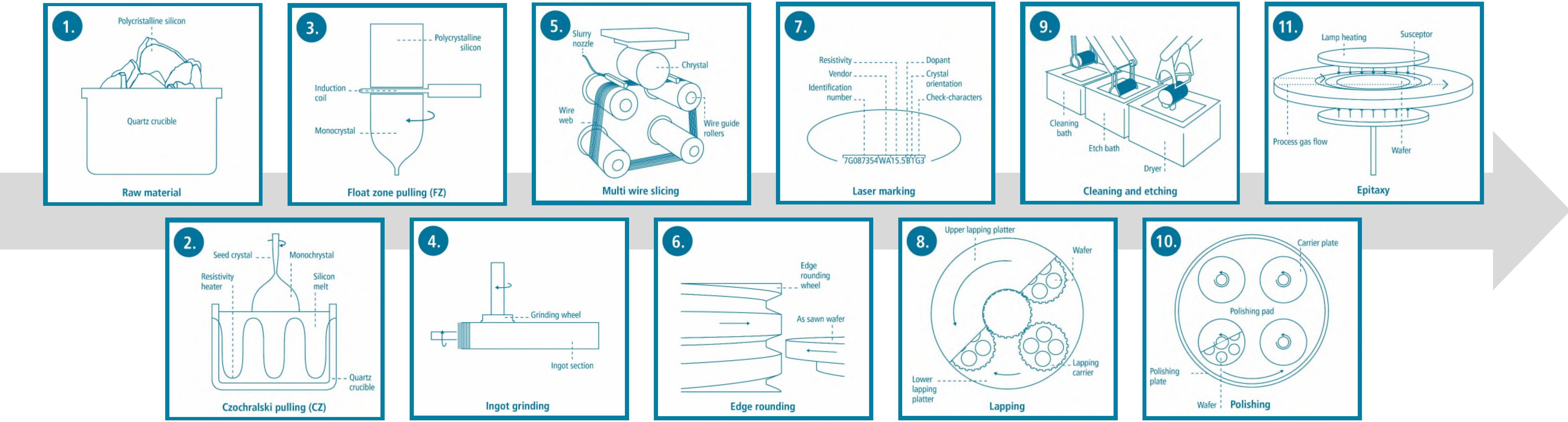
Every 3rd to 2nd
semiconductor in the EU is from this region

Investments
of more than EUR 1 bn since 1995 by Siltronic

#1 customers
in Logic, Memory and Power served from Freiberg

Source: Siltronic; Silicon Saxony/Wirtschaftsförderung Sachsen

WAFER PRODUCTION PROCESS



OUR UNIQUE R&D AND INNOVATION FOCUS IS ANOTHER IMPORTANT GROWTH DRIVER

R&D
hub in Germany

450
R&D employees

1,900
patents

4–5%
of sales planned
as R&D spendings

Partnering with leading innovation platforms and joint development projects with customers

Leibniz Institute for high performance microelectronics

+

=

R&D Innovation Strategy

Stay one generation ahead as a technology leader

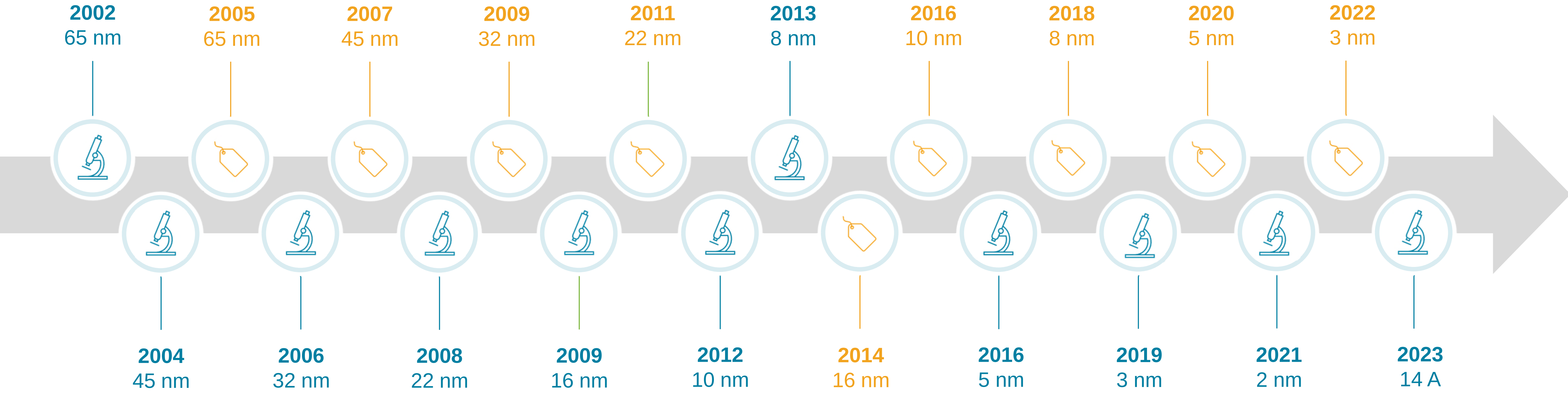
Focus on Leading Edge and Power

Strengthen and expand our product portfolio

Further improve our technology and processes

Find new business opportunities

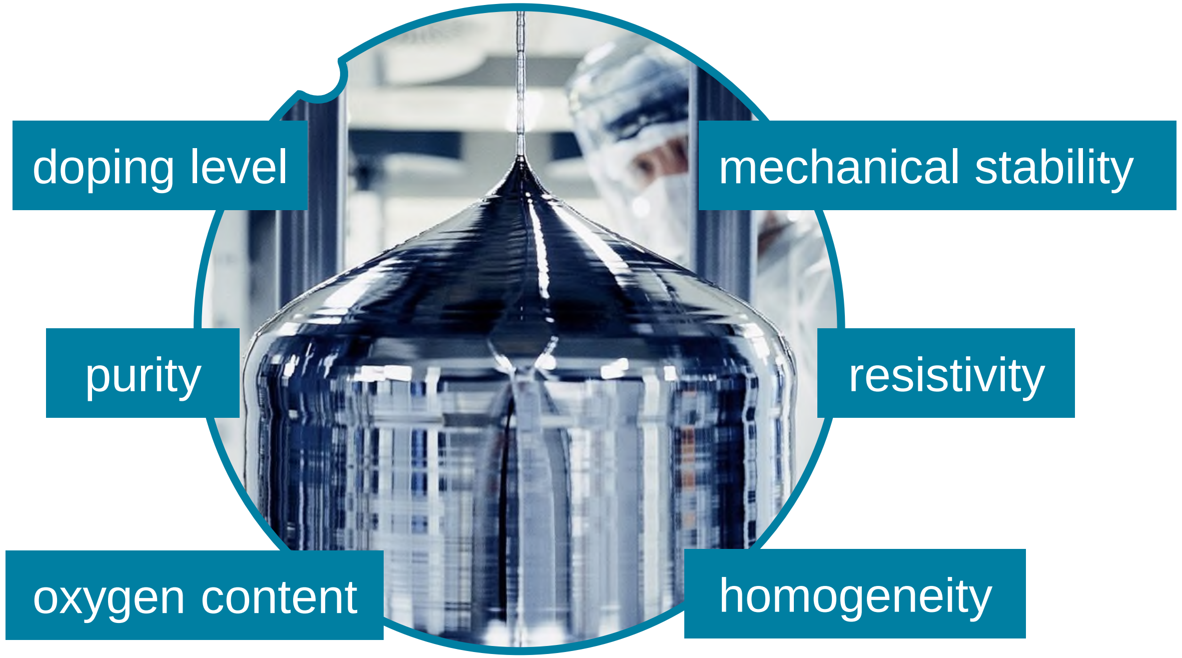
SILTRONIC HAS A PROVEN TRACK RECORD

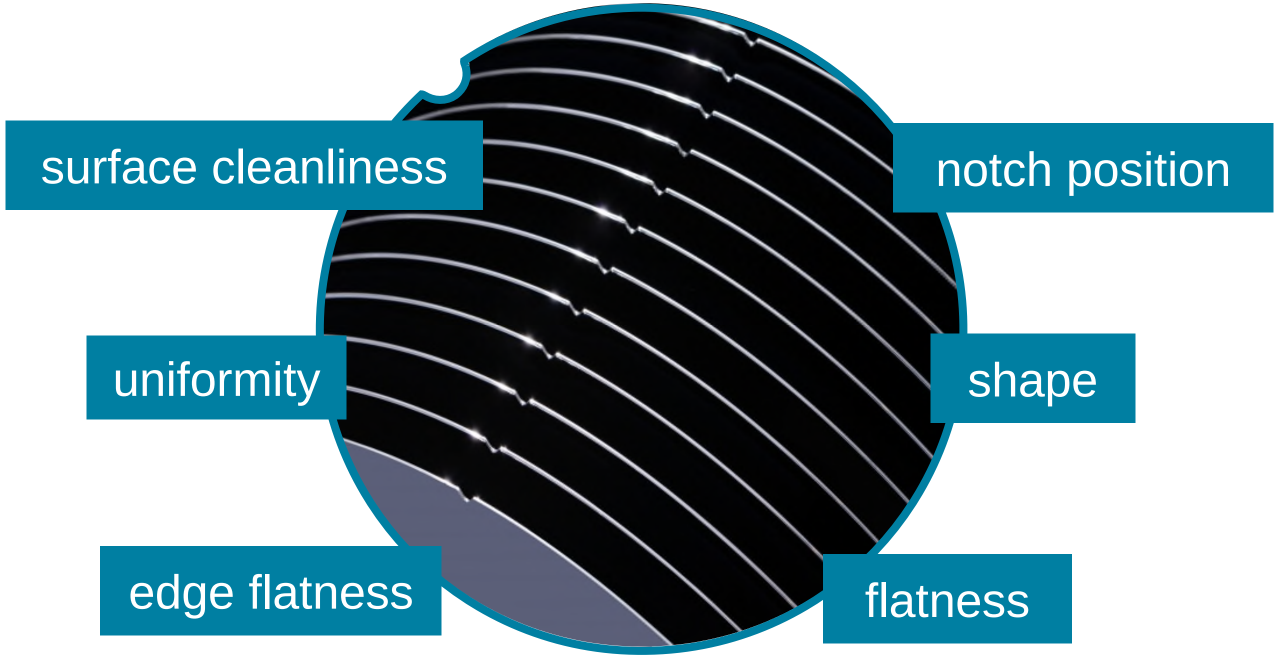


R&D Start

Commercialization

A NUMBER OF KEY INGOT & WAFER PROPERTIES DEFINE THE WAFER SPECIFICATION AND ITS FURTHER USE BY THE CUSTOMER





PURITY AND FLATNESS REQUIREMENTS FOR WAFERS ARE EXTREME, AS SCALING THEM INTO THE MACRO WORLD SHOWS

Particles

Particle size specified in the nm range. Requirements are equivalent to a maximum of 10 grains of sand distributed over the city of Munich - and no pebble or rock

Flatness

20 nm on a wafer are equivalent to the height of a leaf on the surface of Lake Chiemsee – or a single bacteria on a tennis court.

Impurity

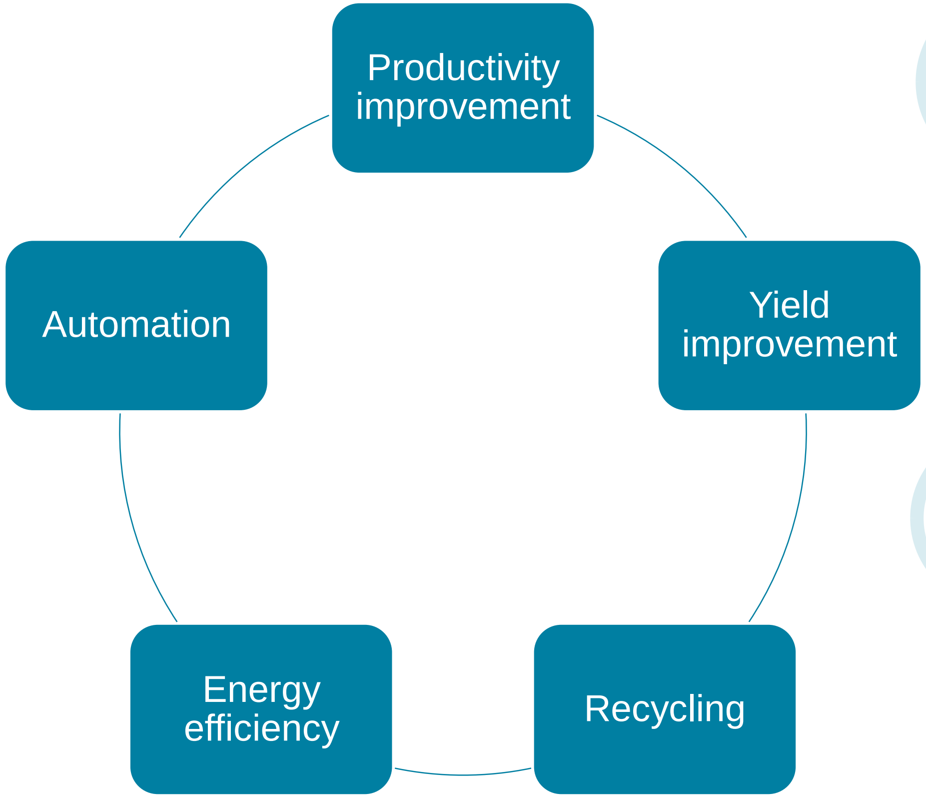
„parts pert trillion“ (ppt) is equivalent to a sugar cube diluted in a small lake – or a single grain of salt in a tank truck

COST-COMPETITIVENESS A PREREQUISITE IN THE WAFER INDUSTRY

Major cost items 2023

- Labor
- Depreciation
- Supplies
- Energy
- Polysilicon

Continuous cost roadmaps to counter unit cost increases



Costs are monitored on an ongoing basis

Labor & Depreciation are the two largest cost items

OUTLOOK AND FINANCIAL STRENGTH

Our ambitions until 2028

OUTLOOK 2024 - HIGH INVENTORIES BURDEN BUSINESS DEVELOPMENT

Sales

In the region of 2023
EUR/USD: 1.10, stable ASP's

EBIT

Significantly below 2023

EBITDA Margin

In the region of 23 w/o ramp cost, burdened by up to 3%-points ramp cost

Capex

below EUR 600 mn

Depreciation

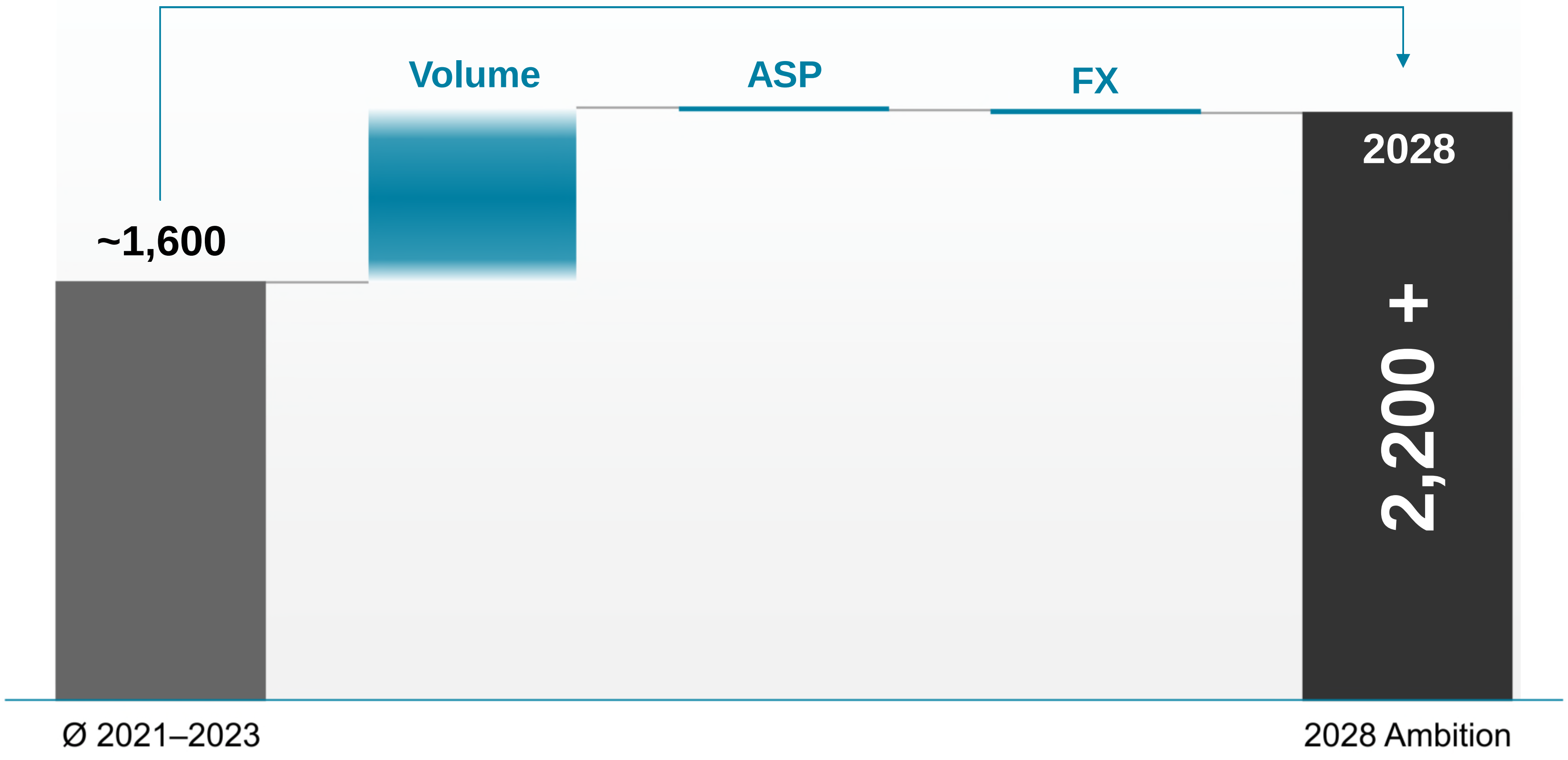
Nearly doubled vs. 2023

Net cash flow

Above 2023 but still negative

BY 2028 OUR SALES AMBITION IS >EUR 2.2 BN DRIVEN BY VOLUME AND CAPACITY EXPANSION

Sales in EUR mn



Charts not to scale

Volume effect

Assumed volume growth 2028 vs. 2022

- Total CAGR 4–5%
- 300 mm CAGR 6%

Capacity expansion FabNext along with market growth

ASP effect

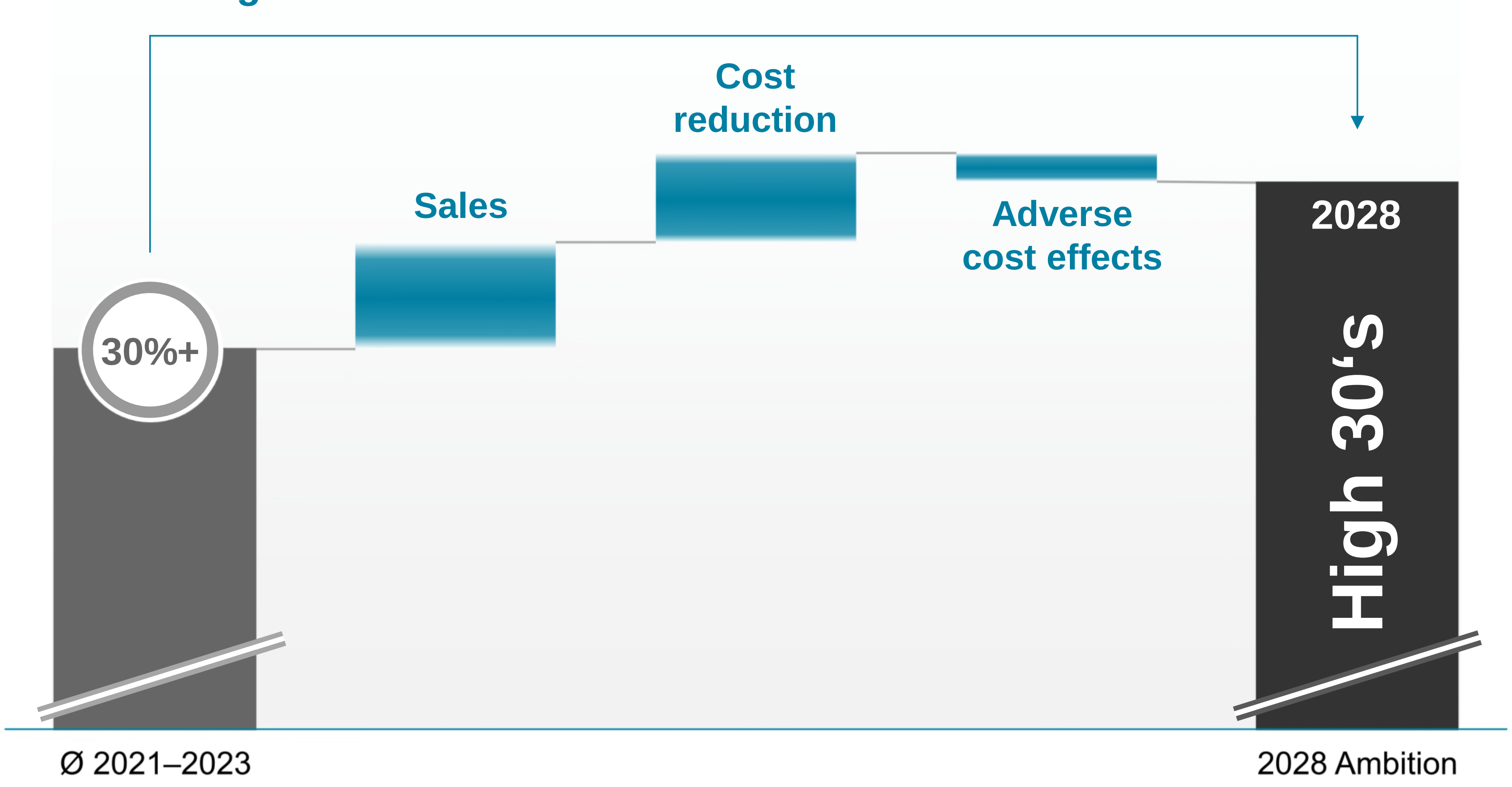
Overall stable

FX effect

stable, EUR/USD 1.10

PROFITABLE GROWTH UNTIL 2028 IS SUPPORTED BY VOLUME GROWTH AND COST ADVANTAGES

EBITDA-Margin in %



Charts not to scale

Sales

ASP/FX flat

Additional volume mainly from FabNext (with fix cost build-up)

Cost reduction

Cost reduction programs

Invest in new equipment and automation

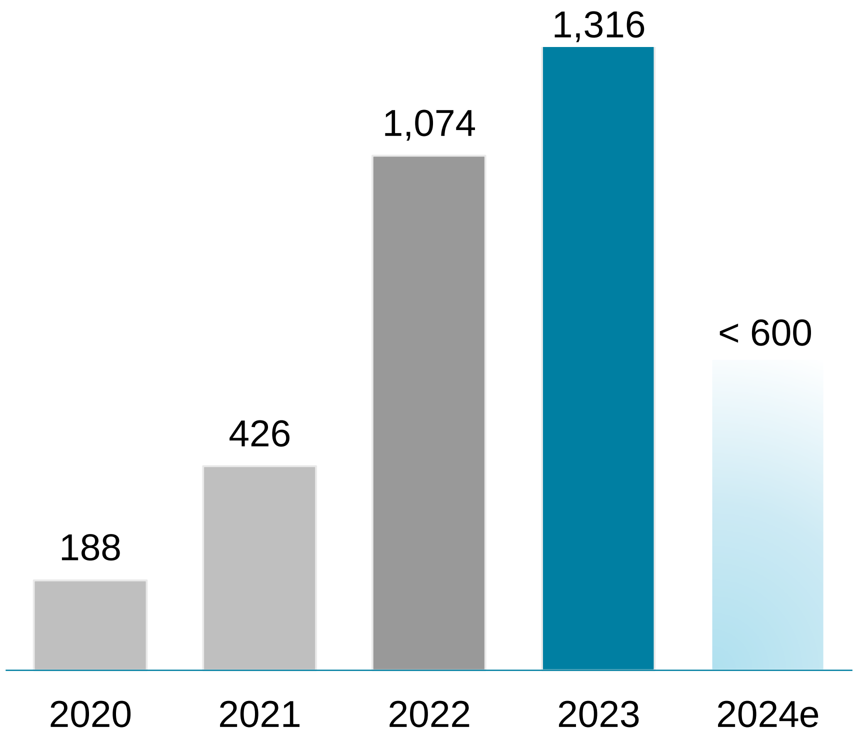
Shift towards Singapore with cost advantage

Adverse cost effects

Inflation

TOP PRIORITY: INVESTMENTS IN ORGANIC GROWTH

Capital expenditure
in EUR mn



Capital expenditure
until 2028 in EUR mn

FabNext

capex depending on

ramp speed

+

Steady state capex

Ø 2024–2028

EUR 200 mn p.a.

until 2028

Maintenance
of business

Capability
enhancement “staying one generation ahead”

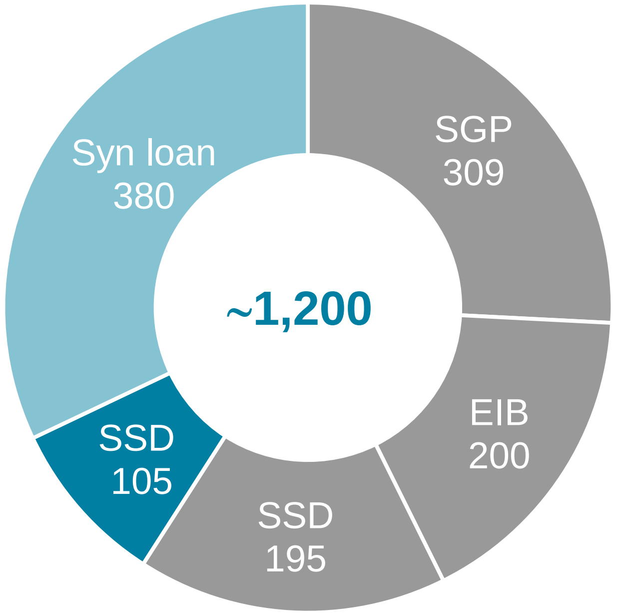
Product mix
ongoing improvement

Cost efficiency
e.g. automation

Charts not to scale

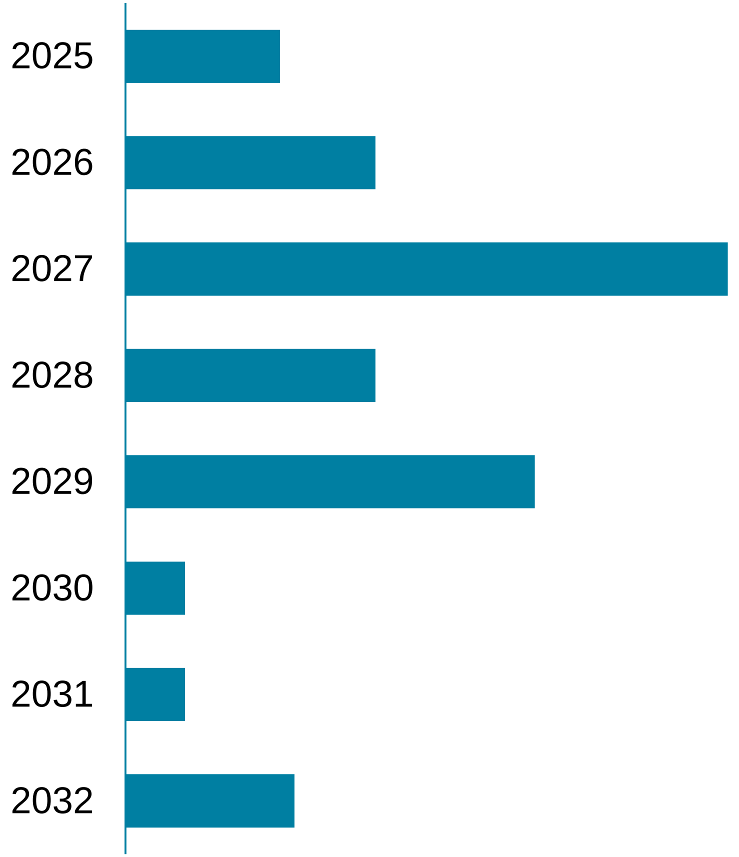
OPTIONS FOR REFINANCING TO BE EXAMINED

Debt financing instruments in place
in EUR mn



- Term loan and revolver not drawn yet
- Variable loan fully drawn
- Fixed loan fully drawn

Duration profile of debt financing
without Syn loan



Repayment
of customer prepayments from 2024 and of debt starting from 2025 onwards

Equity ratio
Ambition >50% in 2028

Net leverage
Ambition <1.0x in 2028
(Net debt/EBITDA)

CORPORATE TAX RATE WILL INCREASE

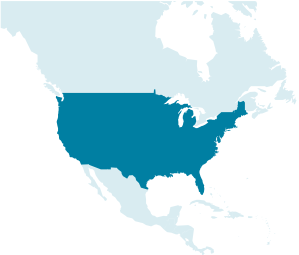
Singapore

~15–17%
effective tax rate

Germany

~30%
effective tax rate

USA



~25%
effective tax rate

~20%
Tax rate including deferred taxes

Pioneer status

until March 2024 in Singapore for SSW

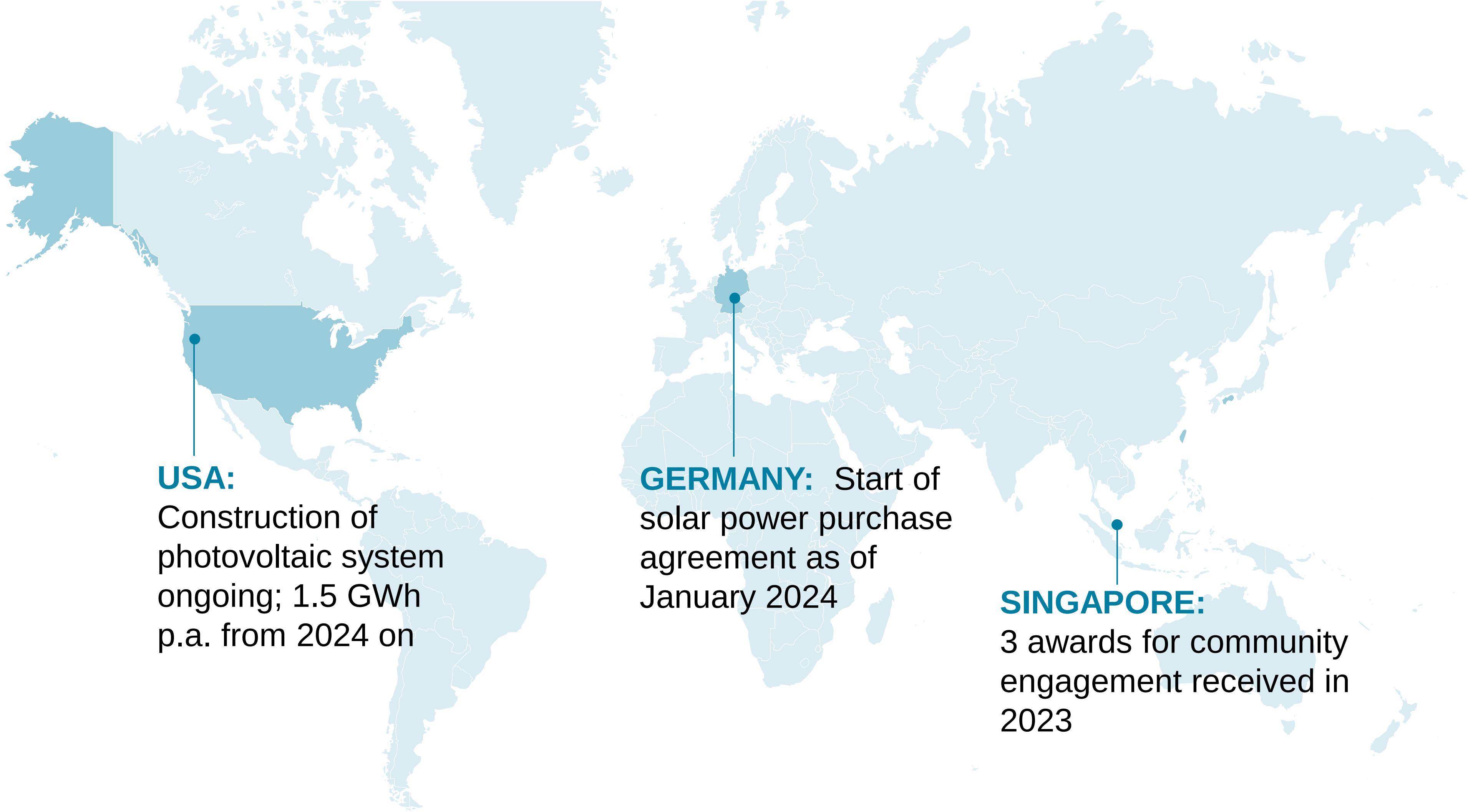
Minimum

effective tax rate in Singapore from 2025 acc. to OECD Pillar 2

ESG
@ SILTRONIC

Clear commitment to an emission-free future

SUSTAINABILITY HIGHLIGHTS



USA:
Construction of photovoltaic system ongoing; 1.5 GWh p.a. from 2024 on

GERMANY: Start of solar power purchase agreement as of January 2024

SINGAPORE:
3 awards for community engagement received in 2023

-22%
absolute CO_2 emissions scope 1+2 in 2023 compared to 2021

12%
increase in waste recycling ratio compared to 2015

300 mn EUR
Siltronic AG issued its first ESG-linked promissory note loan in 2022

(1) Scope 1 and 2 emissions per wafer area produced

SUSTAINABILITY: CORPORATE RESPONSIBILITY AND COMPETITIVE ADVANTAGE

Strategy
we plan sustainability right from the start

Top level
priority and responsibility

All stake-holders
included

Fast
response to changing requirements

Key Performance Indicators

Climate
2030 -42% CO_2 emissions[1]
60% renewable energy
2045 Net zero[1]
100% renewable energy

Resources
Energy
2030 -20% energy intensity[2,3]
Water
2030 -20% water intensity[2,3]
Waste
2030 +25% recycling rate[2]

Safety
LTIF[4] ≤2.0 I zero chemical accidents

Voluntary Commitments

RE100
THE CLIMATE GROUP
CDP
THE GLOBAL COMPACT
WE SUPPORT
SUSTAINABLE DEVELOPMENT GOALS
Responsible Business Alliance
Formerly the Electronic Industry Citizenship Coalition
Advancing Sustainability Globally

Monitoring ESG performance

CDP
MORNINGSTAR | SUSTAINALYTICS
ISS ESG
MSCI
Responsible Business Alliance
Formerly the Electronic Industry Citizenship Coalition
Advancing Sustainability Globally

(1) Scope 1 and 2 | base year 2021 (2) 2030 vs. base year 2015 (3) Consumption per wafer area (4) Lost Time Injury Frequency per one million working hours

SILTRONIC ENABLES TECHNOLOGIES FOR A SUSTAINABLE FUTURE

Power focus

Power chips are crucial for **decarbonization,** they enable **renewable energy** and **EV's**

Focus on **Power** wafers
+
R&D focus on **special products** and **new materials**

Leading edge focus

New chip generations increase **energy efficiency** and need **less power**

Focus on **Leading Edge** wafers
+
R&D focus on **new design rules**

Strategy
on Leading Edge and Power wafers support sustainability strategy

Investments
needed to keep our equipment state of the art for Leading Edge wafers

R&D focus
is crucial for our sustainability strategy

EV = Electric Vehicle

THE SILTRONIC EXECUTIVE BOARD

Dr. Michael Heckmeier
CEO

Born: November 26, 1967, Titisee-Neustadt Germany

Professional Career

Since May 2023: CEO
Appointed until May 5, 2026

2018: Executive Vice President, Global Head of Business Unit Display Solutions, Merck KGaA, Darmstadt
2017: Executive Vice President, Global Head of Business Unit Display Materials, Merck KGaA
2015: Senior Vice President, Global Head of Business Unit Pigments and Functional Materials, Merck KGaA
2010: Senior Vice President of Liquid Crystal Research and Development, Merck KGaA
1998 - 2006: Various senior positions at Merck

Claudia Schmitt
CFO

Born: October 31, 1971, Mannheim Germany

Professional Career
Since July 2023: CFO
Appointed until June 30, 2026

2017: Head of Corporate Controlling & Finance, Siltronic AG, Munich
2009: Head of Corporate Controlling, Siltronic AG
2004: Team lead Corporate Controlling, Wacker Chemie AG
1998: Corporate Controlling, Wacker Chemie AG

EXECUTIVE SUMMARY

SILTRONIC IS…

…a global and on the same time the only western based player in a market crucial for future economic growth.

…a technological leader with the proven track record to stay ahead of the curve.

…excellently prepared to leverage the great potential from the numerous megatrends thanks to our expansion of global capacities.

…well positioned in activities which promise the greatest growth potential:
Power, Leading Edge and 300 mm.

…strong financials and has a good balance sheet quality.

…growing profitably until 2028:

- Sales > 2.2 bn
- EBITDA ratio in the high 30s

Financial Calendar and Events

March 19, 2024
Jefferies Pan-European Mid-Cap Conference, London, UK

May 02, 2024
Quarterly Statement Q1 2024

May 13, 2024
Annual General Meeting

May 15, 2024
Stifel German Corporate Conference, Frankfurt

May 22-23, 2024
US Roadshow & Berenberg European Conference, New York, USA

Investor Relations Contacts

Verena Stütze
investor.relations@siltronic.com
Tel. +49 89 8564-3133

Stephanie Malgara
investor.relations@siltronic.com
Tel. +49 89 8564-3133