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# H1'25 Results

November 21st, 2024

# DISCLAIMER

This document is provided by Soitec (the "Company") for information purposes only.

The Company's business operations and financial position are described in the Company's 2023-2024 Universal Registration Document (which notably includes the 2023-2024 Annual Financial Report) which was filed on June 5, 2024 with the French stock market authority (Autorité des Marchés Financiers, or AMF) under number D.24-0462 as well as in the Company's 2024-2025 half-year report released on November 20, 2024. The French version of the 2023-2024 Universal Registration Document and the 2024-2025 half-year report, together with English courtesy translation for information purposes, are available for consultation on the Company's website (www.soitec.com), in the section Company - Investors - Financial Reports.

Your attention is drawn to the risk factors described in Chapter 2.1 (Risk factors and controls mechanism) of the Company's 2023-2024 Universal Registration Document.

This document contains summary information and should be read in conjunction with the 2023-2024 Universal Registration Document and the 2024-2025 half-year report.

This document contains certain forward-looking statements. These forward-looking statements relate to the Company's future prospects, developments and strategy and are based on analyses of earnings forecasts and estimates of amounts not yet determinable. By their nature, forward-looking statements are subject to a variety of risks and uncertainties as they relate to future events and are dependent on circumstances that may or may not materialize in the future. Forward-looking statements are not a guarantee of the Company's future performance. The occurrence of any of the risks described in Chapter 2.1 (Risk factors and controls mechanism) of the 2023-2024 Universal Registration Document may have an impact on these forward-looking statements. In particular, the future consequences of geopolitical conflicts, notably the Ukraine / Russia situation, as well as rising inflation, may result in greater impacts than currently anticipated in these forward-looking statements.

Any market shares presented herein are based on internal estimates and relate to that share of the market segment served and addressed by Soitec which may exclude broader segments of the market and competing technologies.

The Company's actual financial position, results and cash flows, as well as the trends in the sector in which the Company operates may differ materially from those contained in this document. Furthermore, even if the Company's financial position, results, cash flows and the developments in the sector in which the Company operates were to conform to the forward-looking statements contained in this document, such elements cannot be construed as a reliable indication of the Company's future results or developments.

The Company does not undertake any obligation to update or make any correction to any forward-looking statement in order to reflect an event or circumstance that may occur after the date of this document.

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AGENDA

#01 H1'25 HIGHLIGHTS

#02 H1'25 FINANCIALS

Q&A

# H1'25 HIGHIGHTS



# H1'25 KEY FIGURES

#### H1'25 IN LINE WITH OUR EXPECTATIONS – RESILIENT EBITDA MARGIN AND STRENGTHENING OPERATING CASH FLOW









<sup>(2)</sup> The EBITDA represents operating income before depreciation, impairment of non-current assets, non-cash items relating to share-based payments, provisions for impairment of current assets and for contingencies and expenses, and disposals gains and losses. EBITDA is not a financial indicator defined by IFRS and may not be comparable to EBITDA as reported by other groups. It represents additional information and should not be considered as a substitute for operating income or net cash generated by operating activities. EBITDA Margin = EBITDA from continuing operations / Revenue.

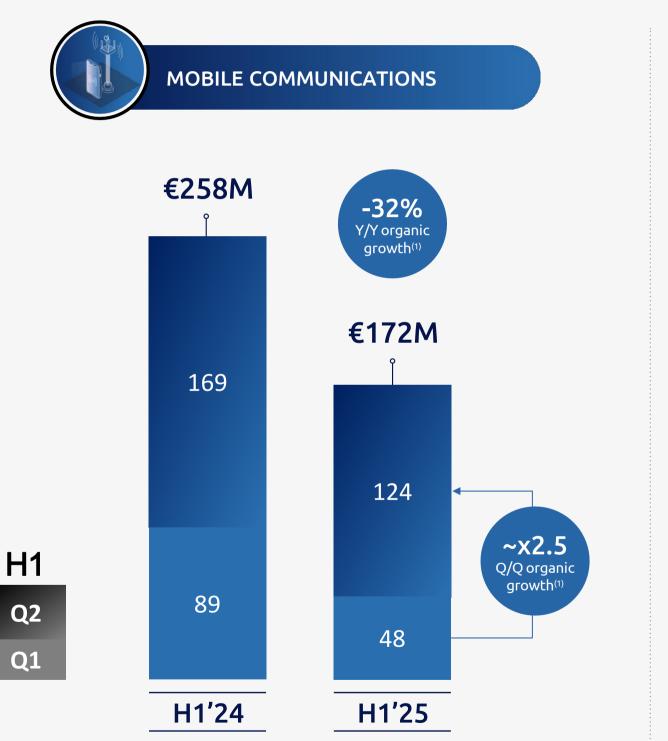


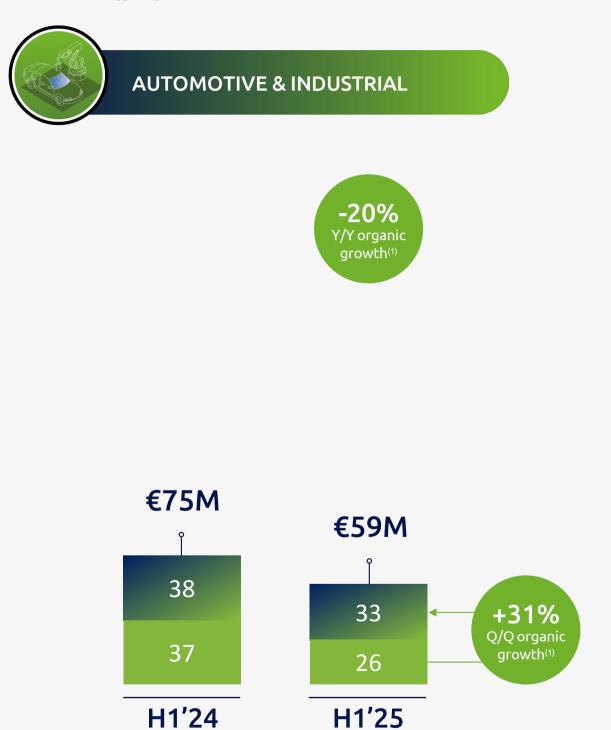


<sup>(1)</sup> At constant exchange rates and perimeter.

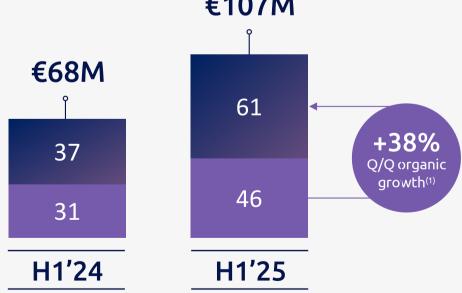
# H1'25 REVENUE IN LINE WITH OUR EXPECTATIONS

Q2'25 SIGNIFICANT SEQUENTIAL REBOUND: +89% Q/Q









(1) At constant exchange rates and perimeter.











### MOBILE COMMUNICATIONS DIVISION

#### **MOBILE COMMUNICATIONS**

#### **CURRENT STATUS & SHORT-TERM DYNAMICS**

#### MID & LONG-TERM AMBITIONS



SMARTPHONE MARKET TO GROW LOW-SINGLE DIGIT IN 2024 & 2025
5G TO CONTINUE TO INCREASE MODESTLY (~MID 60% CURRENTLY)
Wi-Fi 6/6E PENETRATION TO EXCEED 60% IN 2024E

5G & Wi-Fi TO PROGRESS STEADILY – 6G TO ENTER MARKET ~2030
CONTENT GROWTH DRIVEN BY SMARTPHONE PREMIUMIZATION
EDGE AI FEATURES TO SUPPORT SMARTPHONE REPLACEMENT CYCLE



Reference substrate for smartphone RF FEM (LNAs, Tuners, Switches)

Customer inventories stabilizing around 1 year on average, which seems to be the new normal. New discussions around multi-year contracts Strong leadership, ongoing transition to new products (9SW 300mm)

> 90% Penetration in LNAs, Tuners & Switches
Diversification into new 5G advanced & connectivity applications
beyond mobile (IoT, Wearables, Satellite Communications,
Automotive)



Only solution for fully integrated 5G mmWave system-on-chip Early adoption for mmWave system-on-chip and envelope trackers Key foundries design wins on FD-SOI platform for mmWave modules Mainstream technology for mmWave system-on-chip, Ultra Wide Band,
Satellite Communications
Growing number of mmWave applications



SAW-on-POI can operate across the entire frequency spectrum New customers in production (10 in total), >10 prospects in qualification

Engaged with all Key US Fabless

New design wins supporting more filter integration in PAMid modules

Adoption by all Tier #1 Fabless for premium and mid-tier smartphones, from low band to mid-high band

Addressable market growth through product portfolio expansion

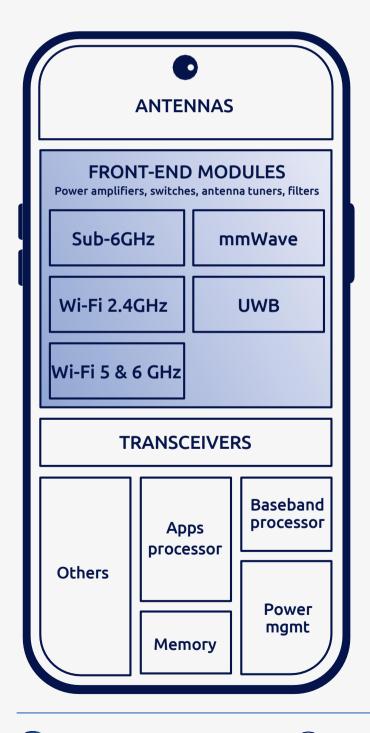




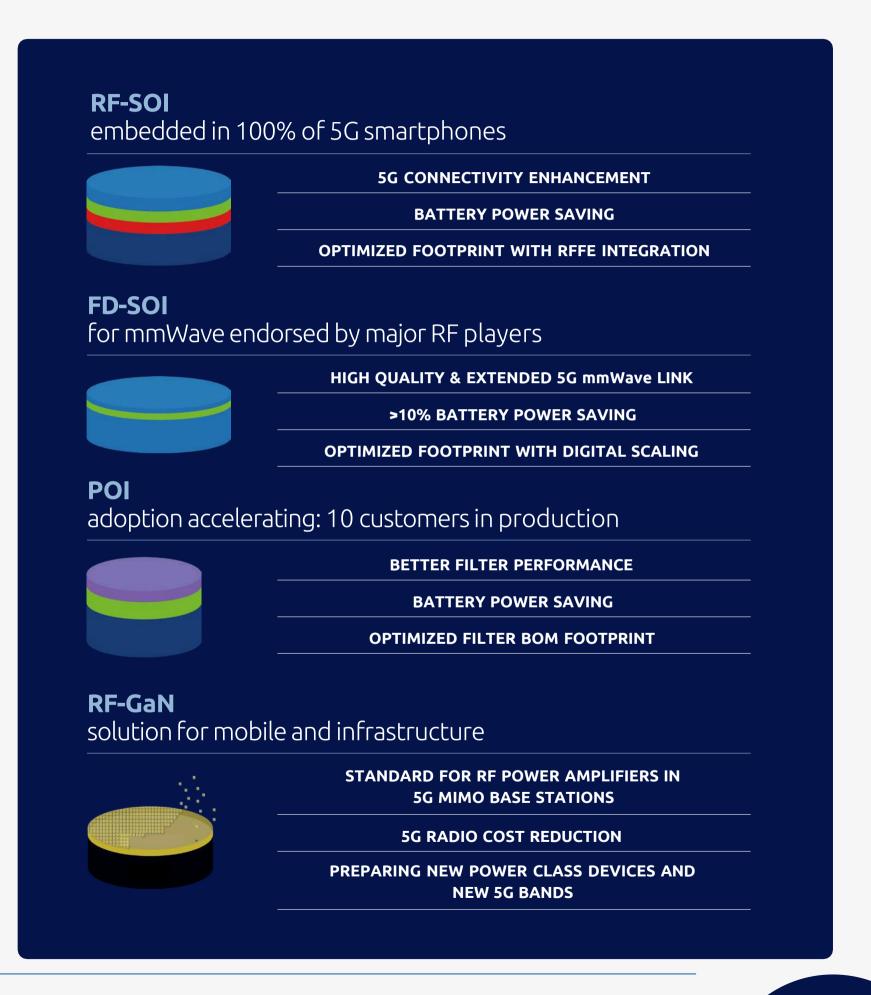


# MOBILE COMMUNICATIONS DIVISION

# COMPREHENSIVE PRODUCT PORTFOLIO TO CONVERGE THE CONNECTIVITY AND INTELLIGENCE REVOLUTIONS





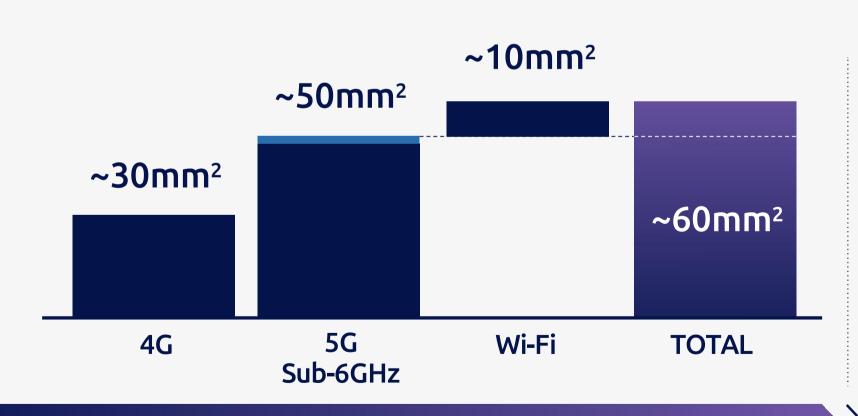




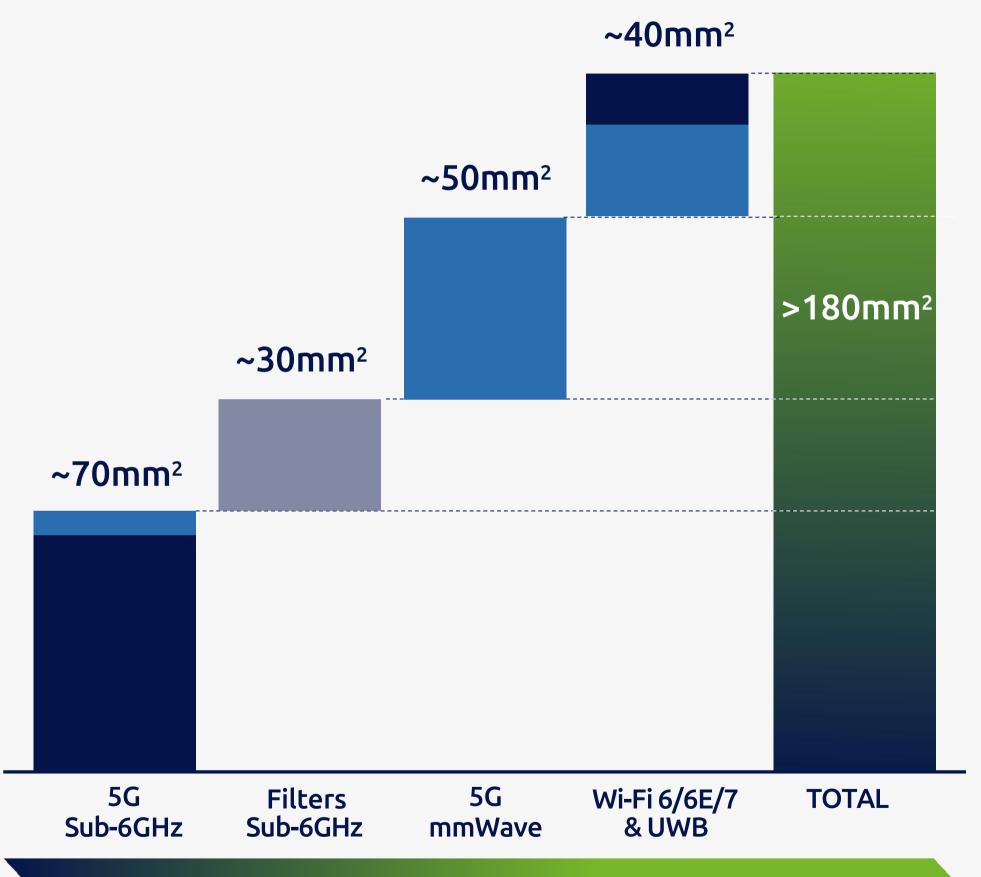
# MOBILE COMMUNICATIONS DIVISION

# CONTENT OPPORTUNITY





FY21



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**TOWARD FY26** 

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### **AUTOMOTIVE & INDUSTRIAL DIVISION**

#### **AUTOMOTIVE & INDUSTRIAL**

#### **CURRENT STATUS & SHORT- TERM DYNAMICS**

#### MID & LONG-TERM AMBITIONS



LIGHT VEHICLE VOLUMES: 2024 SLIGHTLY DOWN / 2025 SLIGHTLY UP
AUTOMOTIVE SEMI CONDUCTOR GROWTH: ~5% IN 2024 / >10% IN 2025
EV PENETRATION TO CONTINUE TO RISE TO ~20%/~25% IN 2024/2025
ADAS PENETRATION RISING, SLOWER THAN EXPECTED

LIGHT VEHICLE VOLUMES TO GROW AT ~1% CAGR TOWARD 2030

EV PENETRATION TO REACH ~50% IN 2030

INCREASING ELECTRIFICATION & DIGITALIZATION, DRIVING CONTENT UP



Better performance and great fit for WBG power systems (SiC, GaN)
Ongoing inventory adjustment at customer level
Diversification with new prospects in evaluation
Advancing product roadmap with 300mm transition

Accelerated adoption with new players
Transition to 300mm, driven by Battery Management System



Superior performance and power efficiency for ADAS, radars & MCUs
New adoption phase for next-gen deep-learning radars
Ramping-up volumes with more MCUs for zonal architectures
Key foundries design wins on 22nm and 18nm FD-SOI

Mainstream technology in radars

Demand for L4 / L5 ADAS a strong catalyst for content growth

Right technology to enable Edge AI Applications



Initiated 1 new qualification (4 in total), ~35 prospects in evaluation Ready to ramp production, pending on longer than anticipated customers' qualification cycles

Reinforcing 200mm SmartSiC<sup>TM</sup> roadmap via strategic partnerships

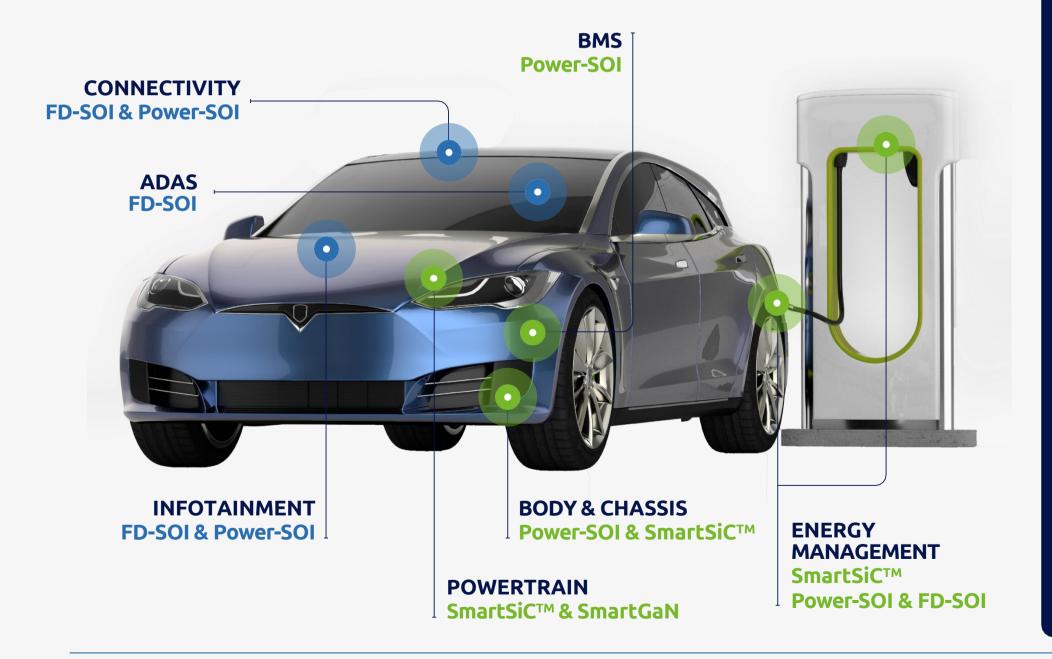
Further penetration into key players
Diversification into Industrial applications (data centers, renewables...)
SmartSiC™ a standard with > 30% Segment share in 2030





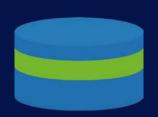
# **AUTOMOTIVE & INDUSTRIAL DIVISION**

COMPREHENSIVE PRODUCT PORTFOLIO
TO ENABLE THE AUTOMOTIVE
DIGITAL AND ELECTRIC REVOLUTION



#### **POWER-SOI**

Enables superior performance over bulk silicon



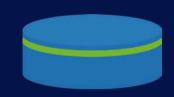
>10% SYSTEM COST REDUCTION & EFFICIENCY IMPROVEMENT

HIGHER ROBUSTNESS, NOISE IMMUNITY AND OPERATING TEMPERATURE

>40X SMALLER ISOLATION AREA & >50% DIE SIZE REDUCTION

#### FD-SOI

Enables superior performance over bulk silicon and FinFET



~30% GREENHOUSE GASES EMISSION REDUCTION

~50% HIGHER DETECTION RANGE IN RADARS

~50% DIE SIZE REDUCTION

#### SmartSiC™

A new paradigm for device performance and productivity



~70% LOWER CO, FOOTPRINT THAN STANDARD SIC WAFERS

2 YEARS ACCELERATION OF MASS DEPLOYMENT OF 200mm SiC WAFERS

UP TO 20% HIGHER POWER DENSITY, ENABLING MORE COMPACT, LIGHTER
AND LESS COSTLY SYSTEMS

# **SmartGaN**In development



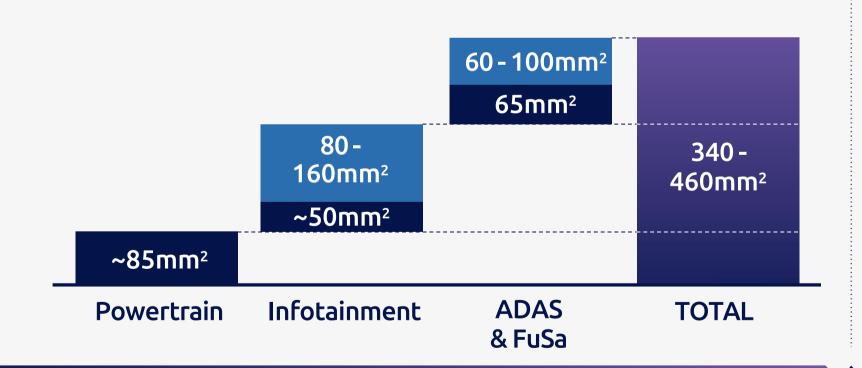
**LATERAL 1200V HEMT** 

POTENTIAL APPLICATIONS FOR VERTICAL DEVICES

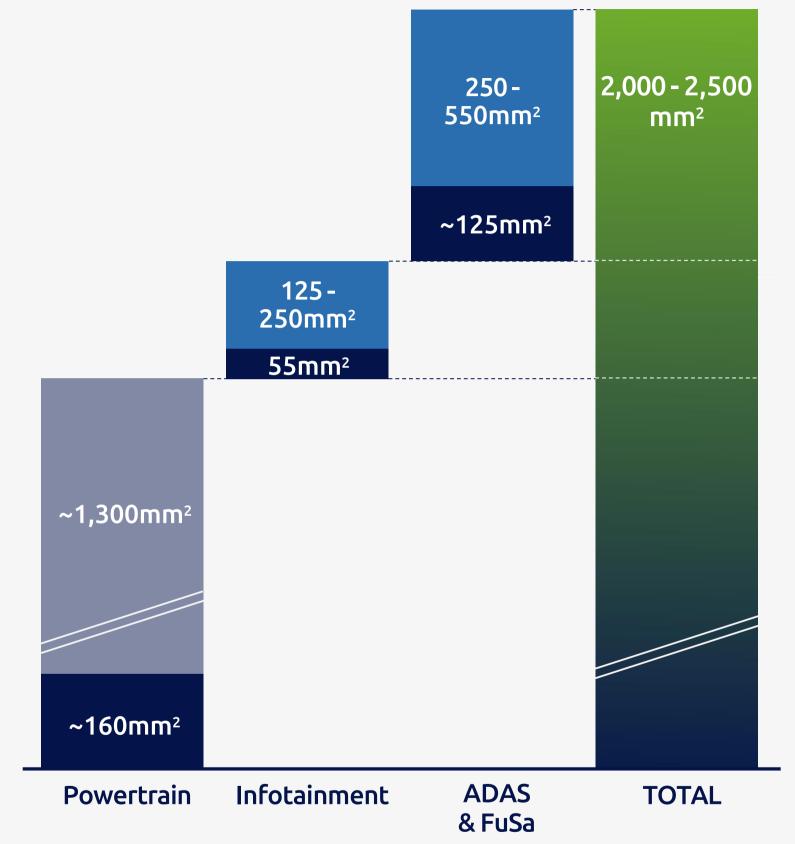


# **AUTOMOTIVE & INDUSTRIAL DIVISION**CONTENT OPPORTUNITY





**FY21** 



TOWARD FY26





### **EDGE & CLOUD AI DIVISION**

**EDGE & CLOUD AI** 

#### **CURRENT STATUS & SHORT- TERM DYNAMICS**

MID & LONG-TERM AMBITIONS



EDGE AI: STRONG MOMENTUM SUPPORTING ROADMAP AND CUSTOMERS CAPACITY INVESTMENTS

CLOUD AI: CONTINUED INVESTMENT IN CLOUD AI INFRASTRUCTURE TO SUPPORT ACCELERATION OF AI COMPUTING POWER CAPABILITIES

EDGE AI HARDWARE MARKET SET TO GROW ~5x BY 2033

SUSTAINED GROWTH IN OPTICAL TRANSCEIVERS DRIVEN BY DATA
CENTERS & CLOUD AI, WITH VOLUMES EXPECTED TO >3x BY 2030



Enabling lower energy-consumption & processing cost for Edge AI
New customers design wins for Wi-Fi and Bluetooth
Increasing adoption and wafer output to serve growing demand
Next-Gen 22nm FD-SOI development via partnership with leading
foundry

Increased volumes with further adoption for high-performance MCUs for Edge AI applications

Capacity investments across our customer base



Optimal solution for optical transceivers in data centers
Fast-growing demand in Photonics-SOI driven by high Cloud CAPEX
Accelerating development roadmap with leading AI/ML players for AI
infrastructure & co-packaged optics; progress on 800G / 1.6T solutions

Next innovation wave will enable highly integrated Silicon Photonics and Co-packaged Optics solutions, further reducing latency and energy consumption



Improving imager performance in Near Infrared sensing Imager-SOI 1st generation to be progressively phased out Imager-SOI 2nd generation under development (higher performance sensing applications)

Smart Devices requiring more advanced Sensing and Imaging capabilities

Penetration into new markets, for event-based imaging applications



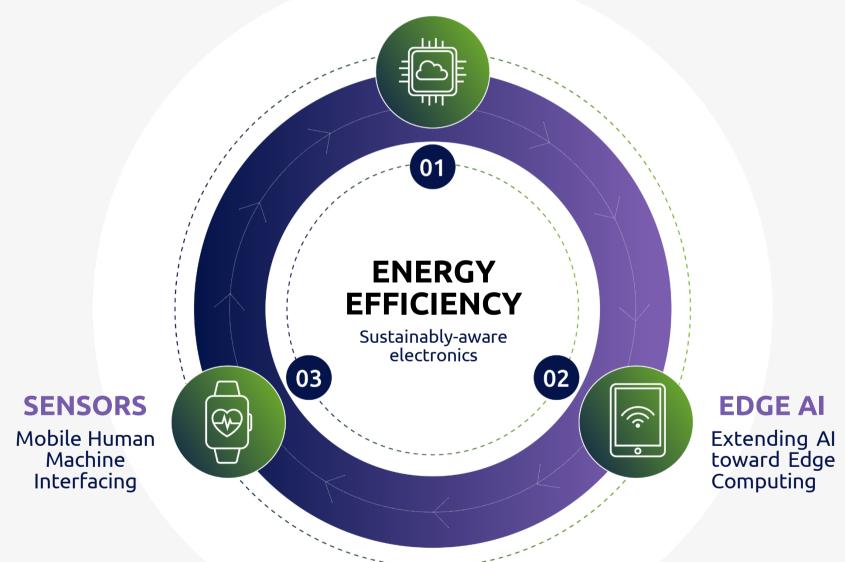


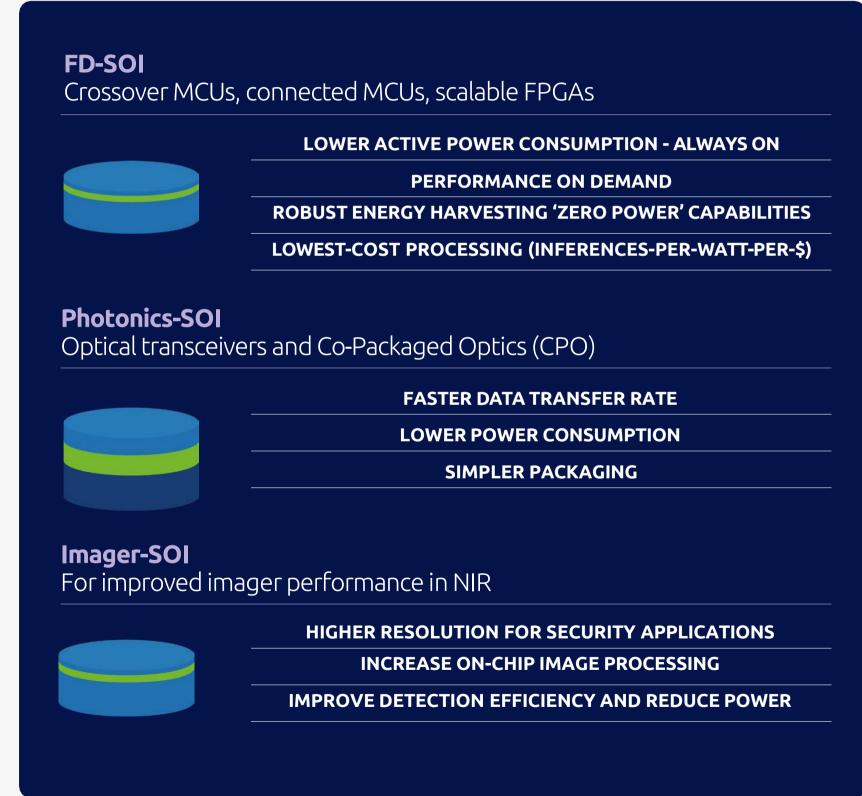
# **EDGE & CLOUD AI DIVISION**

# A COMPREHENSIVE PRODUCT PORTFOLIO TO ENABLE AI AT THE EDGE AND IN THE CLOUD

#### **CLOUD AI**

High speed integrated connections

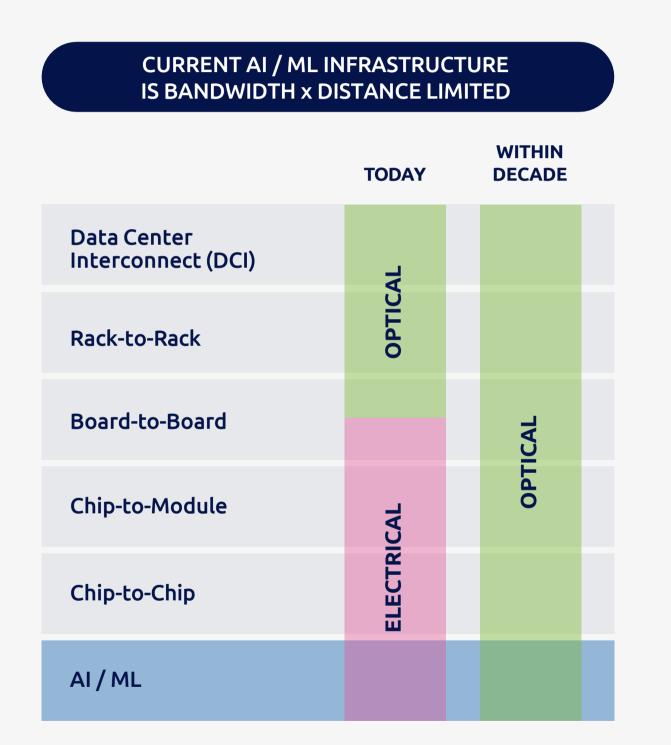


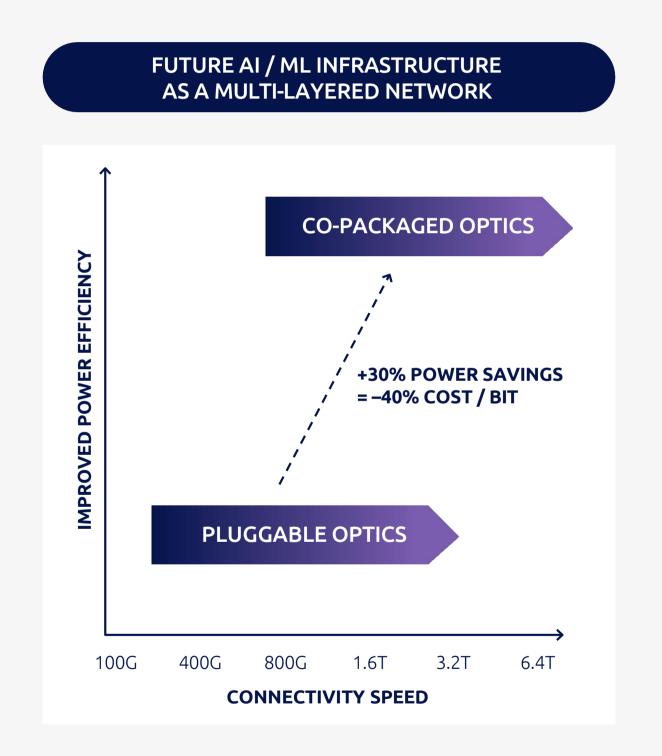




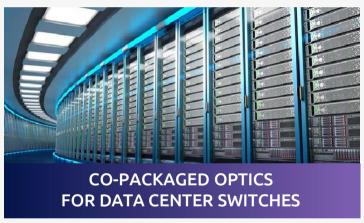
# **EDGE & CLOUD AI DIVISION**

# PHOTONICS-SOI TO SUSTAIN GROWTH IN OPTICAL INTERCONNECTS











Source: Yole & Soitec.

H1'25 HIGHLIGHTS

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# OPTICAL I/O FOR GPU INTERCONNECTS LOWER LATENCY AND 30% REDUCTION IN ENERGY CONSUMPTION

# **TOP VIEW CROSS VIEW OPTICAL I/O** Optics ASIC **LOWER POWER PENETRATION CO-PACKAGED OPTICS Optics** HIGHER BRANDWIDTH / **ON-BOARD OPTICS PLUGGABLE OPTICS**

#### **EMPOWERING AI ACCELERATION WITH OPTICAL I/O GPU INTERCONNECTS**



#### ENHANCED BANDWIDTH

Enable improved
bandwidth capabilities, for
rapid and efficient data
transfer between CPUs
and GPUs in AI workloads



# IMPROVED ENERGY CONSUMPTION

Enhance faster data transfer with lower power consumption, allowing for more computational work with reduced energy usage



# REAL-TIME PROCESSING

Ensuring swift communication between the CPU and GPU, crucial for real-time AI processing



#### **SCALABILITY**

Allowing systems to easily accommodate increased computational demands in Al



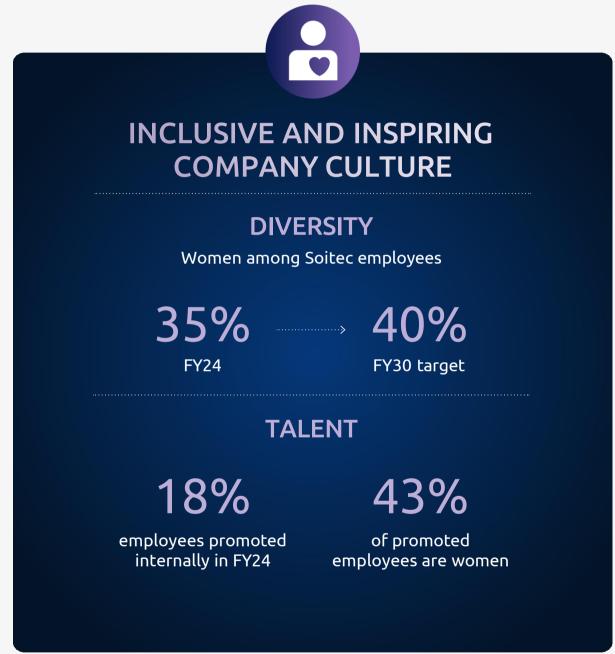
#### **OPTIMIZED PARALLELISM**

Essential in scenarios where multiple AI models or different types of computations run concurrently



# WE CONTINUE TO DEPLOY OUR SUSTAINABLE VALUE CREATION MODEL







(1) Anticipated rise of our emissions due to a short-term gap between the execution of our climate roadmap and the increased business activity





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# H1'25 FINANCIALS

# H1'25 FINANCIAL HIGHLIGHTS

P&L

€338M SALES

-15% Y/Y at constant FX rate

33.4% EBITDA<sup>(1)(2)</sup> MARGIN

+0.4 pts vs H1'24

€0.39 EPS

vs €2.24 in H1'24

**CASH FLOW** 

€129M OPERATING CASH FLOW(1)

vs €45M in H1'24

€120M<sub>CAPEX(3)</sub>

vs €138M in H1'24

+€35M FREE CASH

vs -€85M in H1'24

**BALANCE SHEET** 

€1.5B EQUITY

Stable vs end of March 2024

€696M CASH POSITION

Stable vs end of March 2024

€51M

**NET DEBT POSITION** 

Stable vs end of March 2024

<sup>(4)</sup> All cash flows generated by operating activities, plus cash flows used in investing activities









<sup>(1)</sup> From continuing operations.

<sup>(2)</sup> EBITDA represents operating income before depreciation, amortization, impairment of current assets and for contingencies and expenses, and disposal gains and losses. EBITDA is not a financial indicator defined by IFRS and may not be comparable to EBITDA as reported by other groups. It represents additional information and should not be considered as a substitute for operating income or net cash generated by operating activities

<sup>(3)</sup> Cash-out related to investing activities, excluding both interest received and financing through leases

# REVENUE IN LINE WITH EXPECTATIONS DIFFERENT DYNAMICS ACROSS END MARKETS



€M	H1'25	H1′24	%Change as reported	% Change at constant FX and scope
Mobile Communications	172	258	-33%	-32%
Automotive & Industrial	59	75	-21%	-20%
Edge & Cloud AI	107	68	+56%	+57%
Revenue	338	401	-16%	-15%

#### **MOBILE COMMUNICATIONS**

- Weaker **RF-SOI** volumes year-on-year
  - Further inventory adjustment at customers, as planned
  - Improvement from Q1'25 to Q2'25
- Continuous acceleration in **POI** wafer sales

#### **AUTOMOTIVE & INDUSTRIAL**

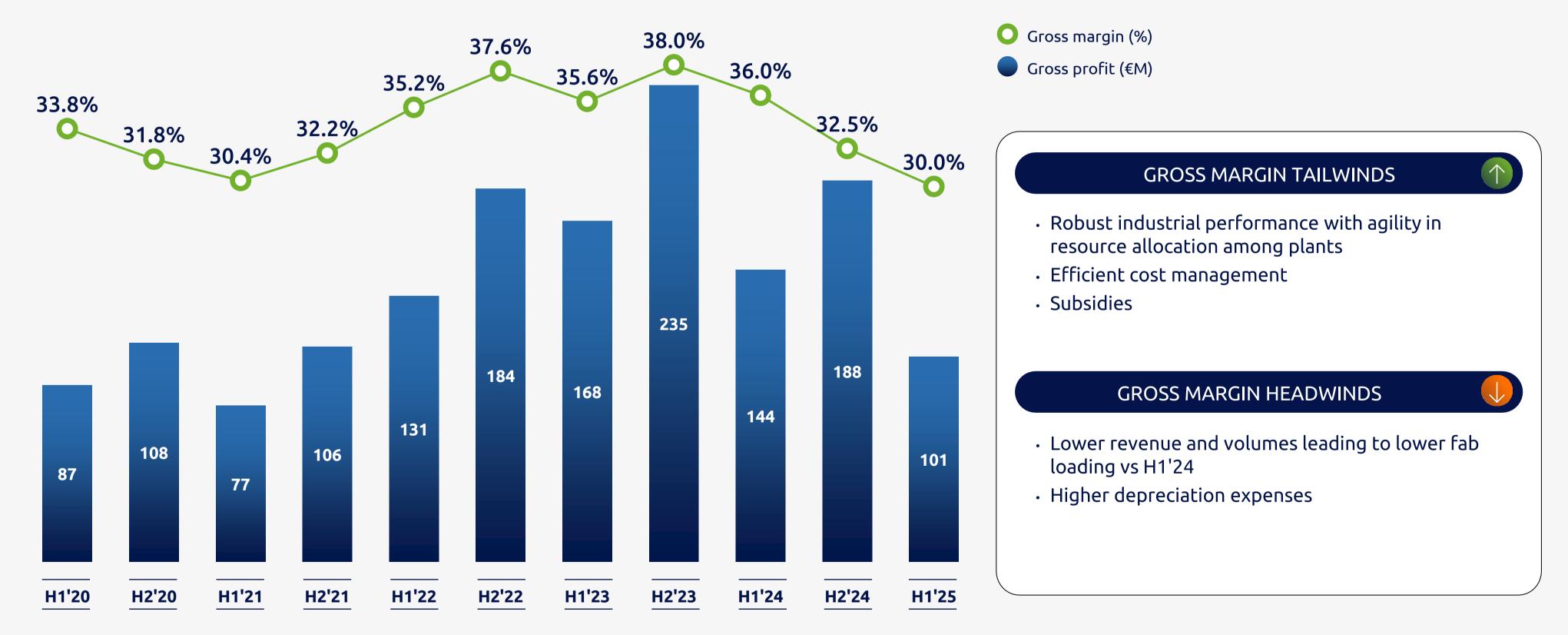
- Automotive market weakness impacting Power-SOI sales, offsetting increasing adoption and higher content of Soitec's products
- Growth in **FD-SOI** wafers sales driven by adoption for automotive microcontrollers and radars

#### **EDGE & CLOUD AI**

- Higher sales of **Photonics-SOI** sales with rapidly growing needs of data centers to address the expansion of Alrelated computing power capabilities
- Uptick in **Imager-SOI** sales driven by seasonal demand



# 30% GROSS MARGIN IN THE CONTEXT OF LOWER REVENUE





## **RESILIENT EBITDA MARGIN AT 33.4%**

### STRICT COST CONTROL WHILE MAINTAINING INVESTMENT IN R&D

€M	H1'25	H1'24	Change
Revenue	338	401	-16%
Gross profit	101	144	-30%
Net R&D expenses	(43)	(34)	+26%
as a % of revenue	12.6%	8.4%	
SG&A expenses	(31)	(25)	+22%
as a % of revenue	9.2%	6.3%	
Current operating income	28	85	-67%
as a % of revenue	8.2%	21.3%	
Other operating income and expenses	(4)	(0)	
Operating income	23	86	-73%
as a % of revenue	7.0%	21.4%	
EBITDA	113	132	-15%
as a % of revenue	33.4%	33.0%	
Net financial result	(8)	2	
Income tax	(2)	(8)	
Net profit - Group share	14	80	-83%
as a % of revenue	4.1%	19.8%	
Basic earnings per share (in euros)	0.39	2.24	-83%
Diluted earnings per share (in euros)	0.39	2.19	-82%
Number of shares (in millions)	35.7	35.6	
Number of diluted shares (in millions)	35.8	37.6	

# Current operating margin decrease from 21.3% to 8.2%

- Lower gross margin
- Sustained investment in R&D: net R&D expenses up +26% y/y
- SG&A expenses increased due to unfavorable comparable basis with €4m non-recurring effects in H1'24

**Other operating expenses**: €4m related to Dolphin's goodwill depreciation

**Net financial result**: €6m expenses on FX (gain of €3m in H1'24)

**RESILIENT EBITDA MARGIN AT 33.4%** 





## SIGNIFICANT IMPROVEMENT IN CASH FLOW GENERATION

€M	H1'25	H1′24
EBITDA <sup>(1)</sup>	113	132
Change in working capital	27	(69)
- Incl. inventories	(65)	(65)
- Incl. trade receivables	130	106
- Incl. trade payables	(48)	(105)
- Incl. other	9	(5)
Tax paid	(10)	(19)
Net cash generated by operating activities <sup>(2)</sup>	129	45
Purchase of intangible assets	(15)	(23)
Purchase of property, plant and equipment	(88)	(114)
Other	9	8
Net cash used in investing activities <sup>(2)</sup>	(94)	(129)
Net cash used by financing activities <sup>(2)</sup>	(44)	(45)
Effects of exchange rate fluctuations	(4)	2
Change in net cash	(13)	(127)
Free Cash Flow <sup>(3)</sup>	35	(85)

#### **POSITIVE FREE CASH FLOW AT +€35M**

Lower EBITDA offset by strong improvement of working capital and lower tax paid

# STRONG CASH INFLOW FROM MUCH IMPROVED WORKING CAPITAL

- Decrease in trade receivables and increase of trade payables (non-recurring down payments in H1'24)
- Partially offset by inventories increase in anticipation of higher H2 deliveries

#### **LOWER CASH OUT IN INVESTING ACTIVITIES AT €94M**

- €120m capex cash out (including production equipment under leases):
  - Capacity investments: POI, SiC, Singapore fab extension (phase 1)
  - Innovation, Sustainability, IT

<sup>(3)</sup> All cash flows generated by operating activities, plus cash flows used in investing activities.







<sup>(1)</sup> From continuing operations. EBITDA represents operating income before depreciation, amortization, impairment of non-current assets, non-cash items relating to share-based payments, provisions for impairment of current assets and for contingencies and expenses, and disposal gains and losses. EBITDA is not a financial indicator defined by IFRS and may not be comparable to EBITDA as reported by other groups. It represents additional information and should not be considered as a substitute for operating income or net cash generated by operating activities (2) From continuing operations

# **VERY SOUND BALANCE SHEET MAINTAINED**

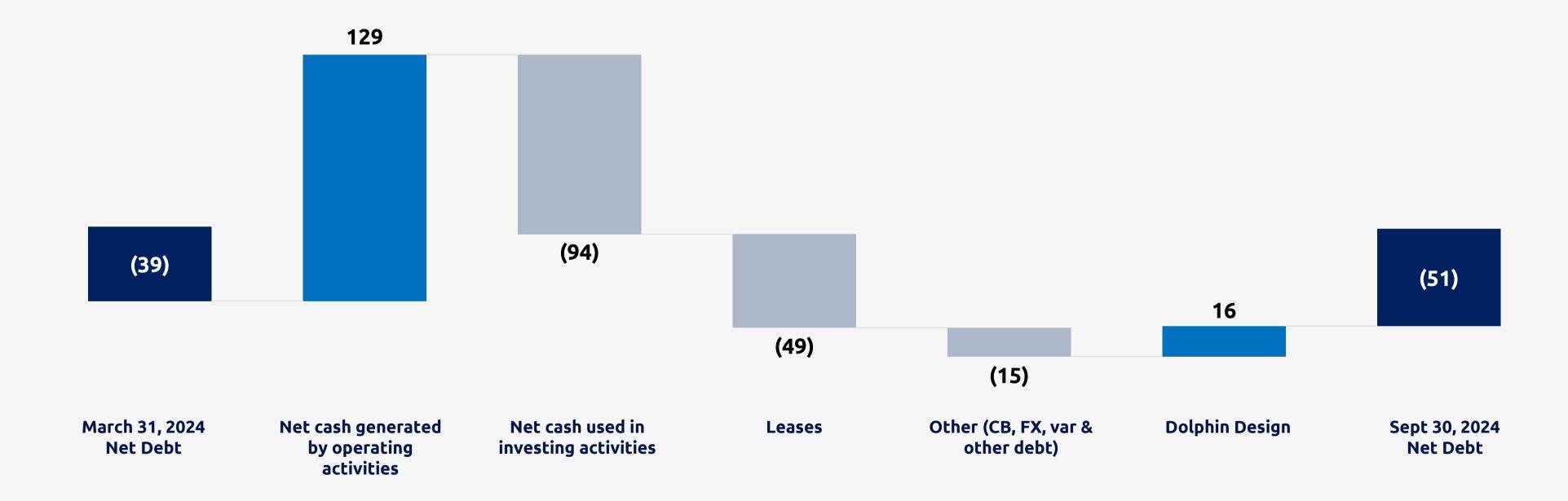
ASSETS - in €M	30 Sept 2024	31 March 2024
Non-current assets	1,211	1,220
Current assets	635	764
Cash and cash equivalents	696	708
Assets held for sale	65	_
Total assets	2,607	2,692

<b>LIABILITIES AND EQUITY</b> - in €M	30 Sept 2024	31 March 2024
Equity	1,491	1,495
Financial debt	747	747
Provisions and other non- current liabilities	78	79
Operating payables	258	371
Liabilities associated with assets held for sale	33	-
Total liabilities and equity	2,607	2,692

Restatement of Dolphin activities in Assets held for sale and liabilities associated: 2 deals in progress

# NET DEBT MAINTAINED AT A LOW LEVEL, IN LINE WITH MARCH 24

€М









# FY25 OUTLOOK

# FY25 STABLE REVENUE CONFIRMED ~90% BACKLOG / CONTRACT COVERAGE

#### **Mobile Communications**

- Smartphone market to continue low-singledigit volume recovery in CY 2024 and CY 2025
- 5G penetration to continue to rise modestly
- Customer inventories stabilizing around 12 months, which seems to be the new normal

#### **Automotive & Industrial**

 End market weakness expected to continue into the first part of CY 2025

#### Edge & Cloud AI

 Leveraging strong momentum in both Edge and Cloud AI markets

# FY25 EBITDA MARGIN<sup>(1)</sup> EXPECTED ~35% SUPPORTED BY RESILIENT H1'25

#### **H2'25 EBITDA MARGIN IMPROVEMENT DRIVERS**

- Operating leverage from better fabs loading and higher revenue
- Ongoing strong cost control
- More favorable product mix
- Continued investment in R&D
- €/\$: 1.10 (~70% of net exposure hedged ~1.10)

# FY25 CAPEX ADJUSTED DOWN TO ~€230M

- Adjusted to customer demand for SOI and customer qualification timeline for SmartSiC<sup>TM</sup>
- Further POI capacity expansion as per initial plan

(1) The EBITDA represents operating income before depreciation, amortization, impairment of non-current assets, non-cash items relating to share-based payments, provisions for impairment of current assets and for contingencies and expenses, and disposals gains and losses. EBITDA is not a financial indicator defined by IFRS and may not be comparable to EBITDA as reported by other groups. It represents additional information and should not be considered as a substitute for operating income or net cash generated by operating activities. EBITDA Margin = EBITDA from continuing operations / Revenue.





# CEO WRAP-UP

H1'25 performance in line with expectations; FY25 Revenue and EBITDA<sup>(1)</sup> guidance confirmed

FY25 CAPEX adjusted down to reflect moderate market rebound in CY 2025

Different dynamics across our end markets expected in CY 2025: Smartphone market recovery to continue, Automotive weakness to persist while Cloud AI investments level remain high Growth fundamentals driven by technology leadership, strengthening SOI positioning, expansion into compound semiconductors and accelerating diversification

(1) The EBITDA represents operating income before depreciation, amortization, impairment of non-current assets, non-cash items relating to share-based payments, provisions for impairment of current assets and for contingencies and expenses, and disposals gains and losses. EBITDA is not a financial indicator defined by IFRS and may not be comparable to EBITDA as reported by other groups. It represents additional information and should not be considered as a substitute for operating income or net cash generated by operating activities. EBITDA Margin = EBITDA from continuing operations / Revenue.



# THANKYOU

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# APPENDIX

# **BALANCE SHEET**

ASSETS - in €M	30 Sept 2024	31 March 2024
Intangible assets	126	156
Tangible assets	953	913
Other non-current assets	71	89
Deferred tax assets	62	62
Total non-current assets	1,211	1,220
Inventories	261	209
Trade receivables	292	448
Other current assets	83	107
Cash and cash equivalents	696	708
Assets held for sale	65	0
Total current assets	1,396	1,472
Total assets	2,607	2,692

LIABILITIES AND EQUITY - in €M	30 Sept 2024	31 March 2024
Total equity	1,491	1,495
Long-term financial debt	678	669
Provisions and other non- current liabilities	78	79
Total non-current liabilities	756	748
Short-term financial debt	69	78
Trade payables	114	169
Other current liabilities	144	202
Liabilities associated with assets held for sale	33	0
Total current liabilities	360	449
Total liabilities and equity	2,607	2,692

Restatement of Dolphin activities in Assets held for sale and liabilities associated: 2 deals in progress

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