

# FY24 RESULTS

Paris | May 23<sup>rd</sup>, 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 Universal Registration Document (which notably includes the Annual Financial Report). The 2023-2024 Universal Registration Document will be filed with the French stock market authority (Autorité des Marchés Financiers, or AMF) on June 5, 2024. The French version of the 2023-2024 Universal Registration Document, together with English courtesy translation for information purposes, will be made 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 Universal Registration Document.

This document contains summary information and should be read in conjunction with the Universal Registration Document.

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. Forwardlooking 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 Universal Registration Document may have an impact on these forwardlooking 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 forwardlooking 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 forwardlooking 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.

This document does not constitute or form part of an offer or a solicitation to purchase, subscribe for, or sell the Company's securities in any country whatsoever. This document, or any part thereof, shall not form the basis of, or be relied upon in connection with, any contract, commitment or investment decision.

Notably, this document does not constitute an offer or solicitation to purchase, subscribe for or to sell securities in the United States. Securities may not be offered or sold in the United States absent registration or an exemption from the registration under the U.S. Securities Act of 1933, as amended (the "Securities Act"). The Company's shares have not been and will not be registered under the Securities Act.

Neither the Company nor any other person intends to conduct a public offering of the Company's securities in the United States.



## AGENDA

#01 CEO VISION

Pierre Barnabé

#04
MOBILE
COMMUNICATIONS

Jean-Marc Le Meil

#02 STRATEGY

Steve Babureck

#05
AUTOMOTIVE
& INDUSTRIAL

Emmanuel Sabonnadière

#03

INNOVATION

Christophe Maleville

#06 SMART DEVICES

René Jonker

#07
OPERATIONS

Cyril Menon

#08

**FINANCE** 

Léa Alzingre

Q&A

#09

CEO WRAP-UP

Pierre Barnabé

# CEO VISION

Pierre Barnabé











# KEY MESSAGES

FY24 results reflect ongoing inventory correction in the smartphone supply chain

Strengthening our sustainable value creation model

MID-TERM AMBITION Clear vision toward ~\$2B revenue ~40% EBITDA<sup>(1)</sup> margin

(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.









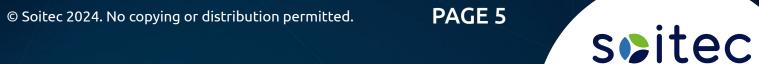












#### FY24 FINANCIAL HIGHLIGHTS

REVENUE GROWTH IMPACTED BY SMARTPHONE INVENTORY CORRECTION RESILIENT PROFITABILITY AND SUSTAINED LEVEL OF INVESTMENT





**OPERATING CASH FLOW** 



(1) At constant exchange rates and perimeter.

(2) 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.



















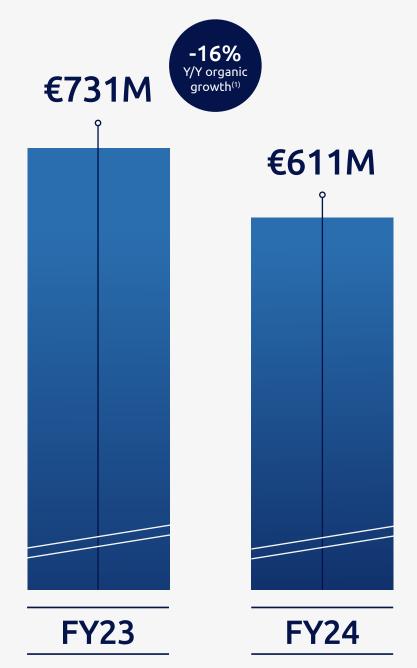


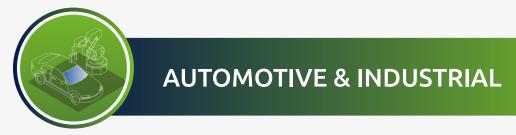


## FY24 REVENUE BY DIVISION



POI acceleration and FD-SOI penetration partially offset weakness in RF-SOI driven by market inventory correction





Strong growth in Automotive & Industrial supported by Power-SOI, FD-SOI and SmartSiC™ deployment





#### **SMART DEVICES**

FD-SOI growing penetration offset by Photonics-SOI (temporary softness in data centers) and Imager-SOI (lower smartphone volumes)



(1) At constant exchange rates and perimeter



1 CEO VISION 2 3 4 5 6 7 8 9

















seitec

## FY25 OUTLOOK

Stable revenue expected on an organic basis

EBITDA margin<sup>(1)</sup> expected at ~35%

Capital expenditure expected at ~€250M

(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.

















#### FY25 AND BEYOND SUSTAINABLE BUSINESS MODEL TO ADAPT TO A CHALLENGING ENVIRONMENT



#### **MACRO TRENDS**

**MACROECONOMIC VOLATILITY** 

**GEOPOLITICAL UNCERTAINTY** 

**CLIMATE CHANGE** 



#01

STEADY INVESTMENT IN INNOVATION AND **AGILE CAPACITY** DEPLOYMENT

#02

**DIVERSIFICATION OF CUSTOMER** PORTFOLIO, SUPPLIER AND REGIONAL BASE

#03

**STRENGTHENING CUSTOMER INTIMACY AND INCREASING PENETRATION** 



FLATTISH SMARTPHONE SHIPMENTS MORE DEVICE INNOVATION (5G, EDGE AI)

STEADY RISE IN EV PENETRATION

**ACCELERATING AI COMPUTING POWER** CAPABILITIES FOR CLOUD AND EDGE AI

**ELECTRIFICATION AND ENERGY EFFICIENCY** 













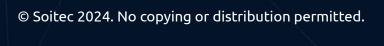












#### **BUILDING A DIVERSE PRODUCT PORTFOLIO** TO FUEL OUR DIVISIONS VALUE CREATION ACROSS 3 STRATEGIC END MARKETS



New materials

InP

SmartGaN

Power-GaN

RF-GaN

SmartSiCTM

**EXPANDING INTO** COMPOUND **SEMICONDUCTORS** 

**PREPARING** 

**EXPANSION** 

**BEYOND** 

POI

Photonics-SOI

Imager-SOI

Power-SOI

**STRENGTHENING SOI LEADERSHIP** 

FD-SOI

RF-SOI

+ LICENSING / PATENT MONETIZATION







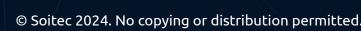






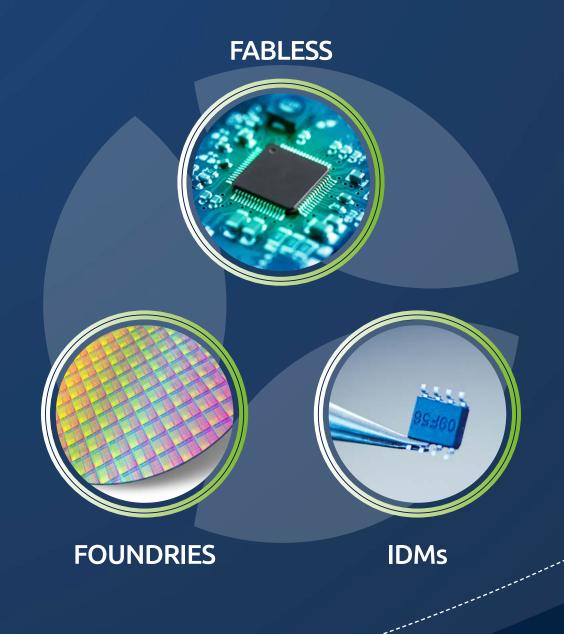






seitec

# LEVERAGING OUR EXPANDING PRODUCT PORTFOLIO TO DIVERSIFY OUR CUSTOMER BASE & STRENGTHEN CUSTOMER INTIMACY



O

SmartGaN

BROADENING
CUSTOMER BASE

**STRONG INNOVATION** 

POWERHOUSE TO ADDRESS
A DIVERSE ECOSYSTEM
AND ONBOARD NEW
CUSTOMERS

New materials

Power-GaN

InP

RF-GaN
SmartSiC<sup>TM</sup>

POI

Photonics-SOI

Imager-SOI Power-SOI

FD-SOI

RF-SOI

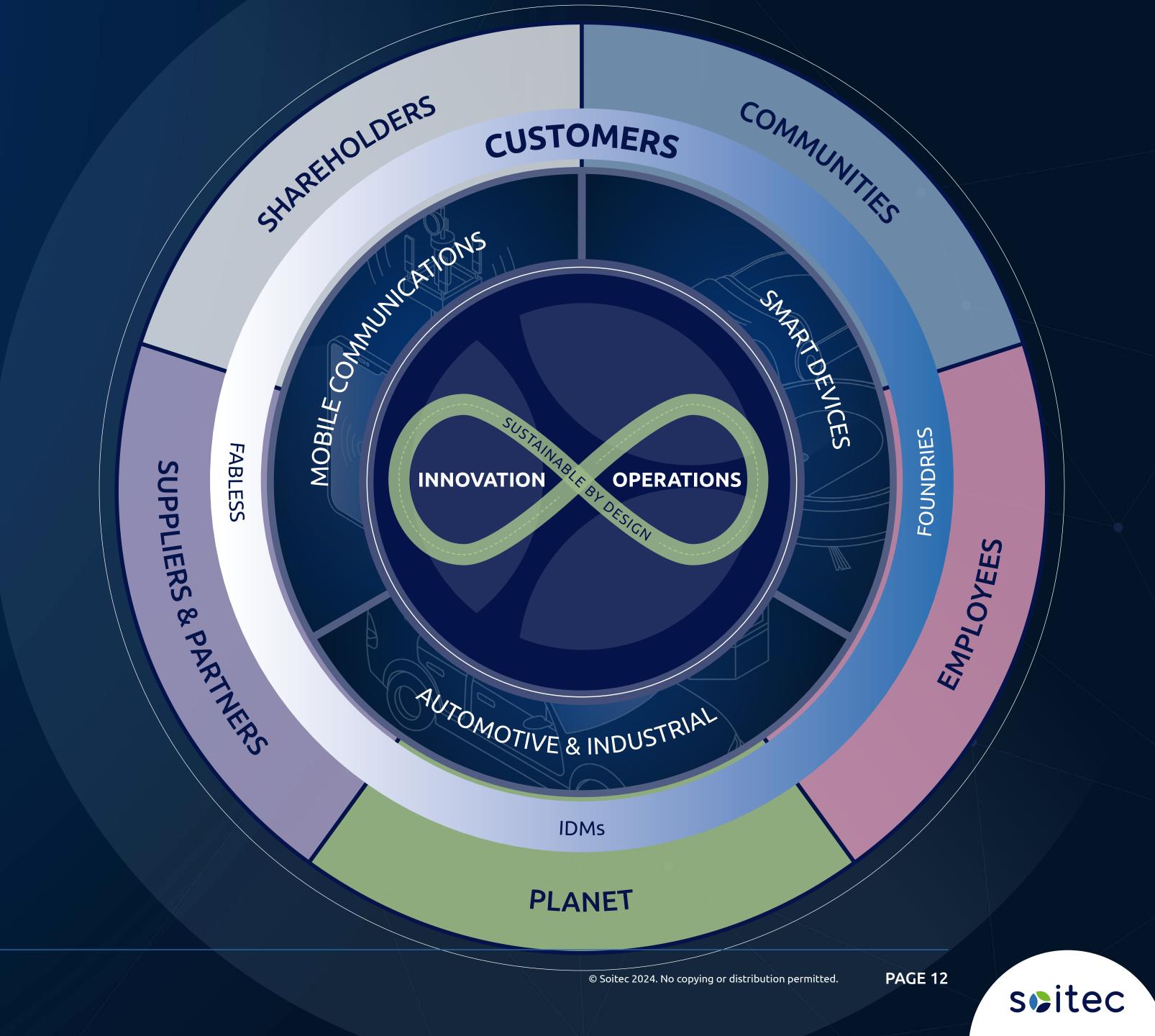
QUALIFIED / IN DEVELOPMENT WITH ALL KEY FOUNDRIES AND IDMs

STRONG ESTIMATED SEGMENT SHARE ~70%

PENETRATING ALL 3 END-MARKETS



UNIQUE AND SUSTAINABLE BUSINESS MODEL TO EXECUTE ON **OUR VISION** 



















#### WE CONTINUE TO DEPLOY OUR SUSTAINABLE VALUE CREATION MODEL









The use by Soitec of any MSCI ESG research LLC or its affiliates ("MSCI") data, and the use of MSCI logos, trademarks, service marks or index names herein, do not constitute a sponsorship, endorsement, recommendation, or promotion of Soitec by MSCI. MSCI services and data are the property of MSCI or its information providers, and are provided 'as-is' and without warranty. MSCI names and logos are trademarks or service marks of MSCI.



















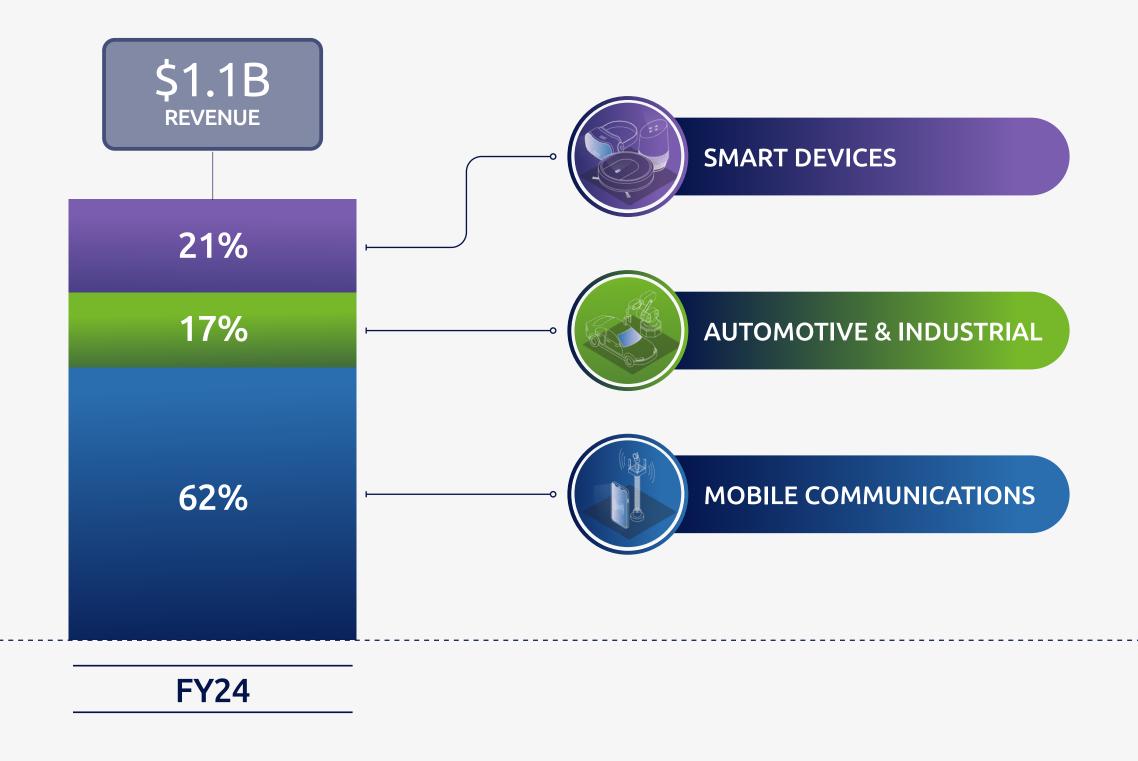






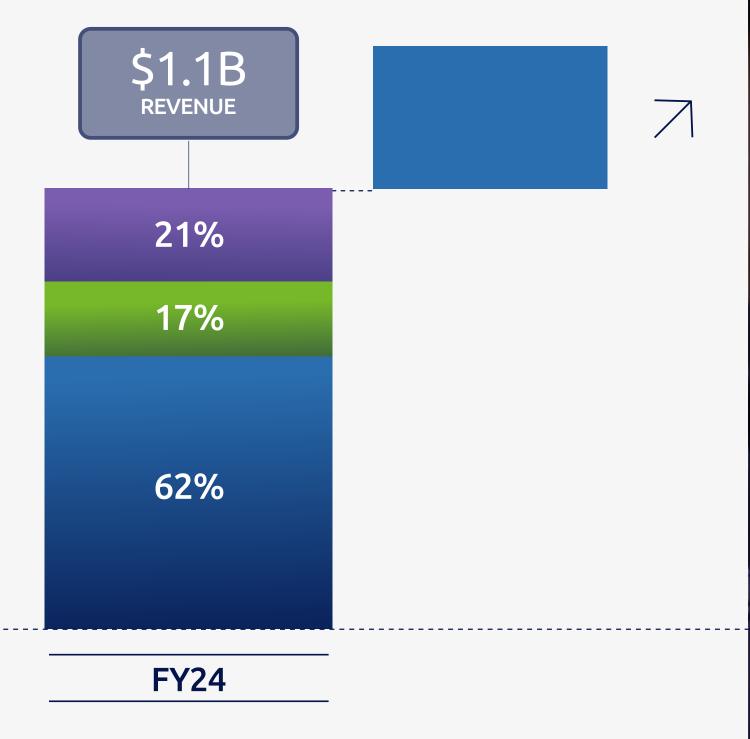
<sup>(1)</sup> Target raised from -30% to -50%.

<sup>(2)</sup> Anticipated rise of our emissions due to a short-term gap between the execution of our climate roadmap and the increased business activity.



















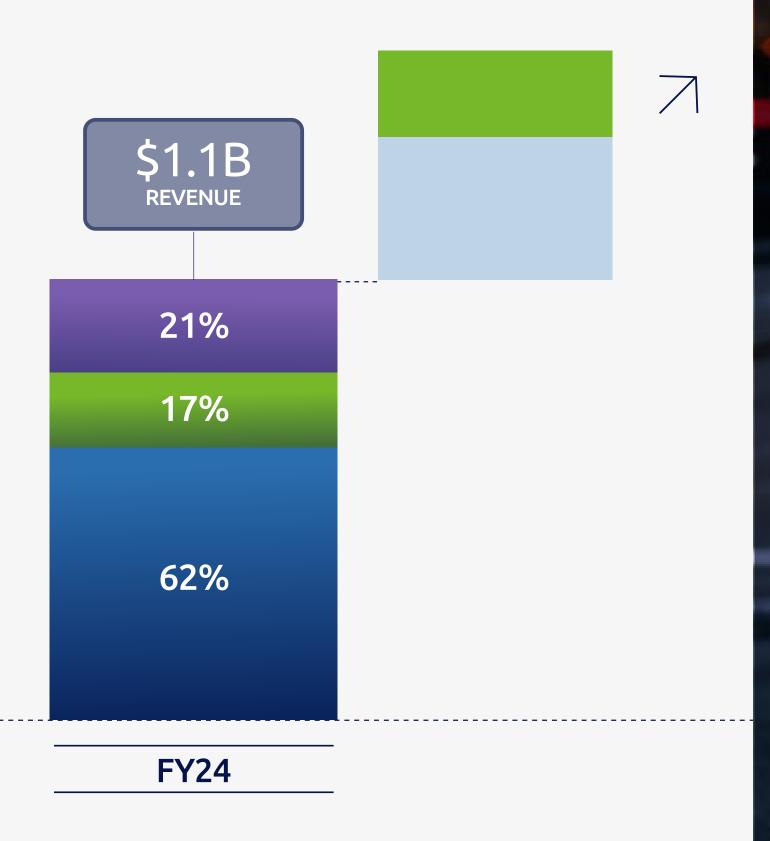


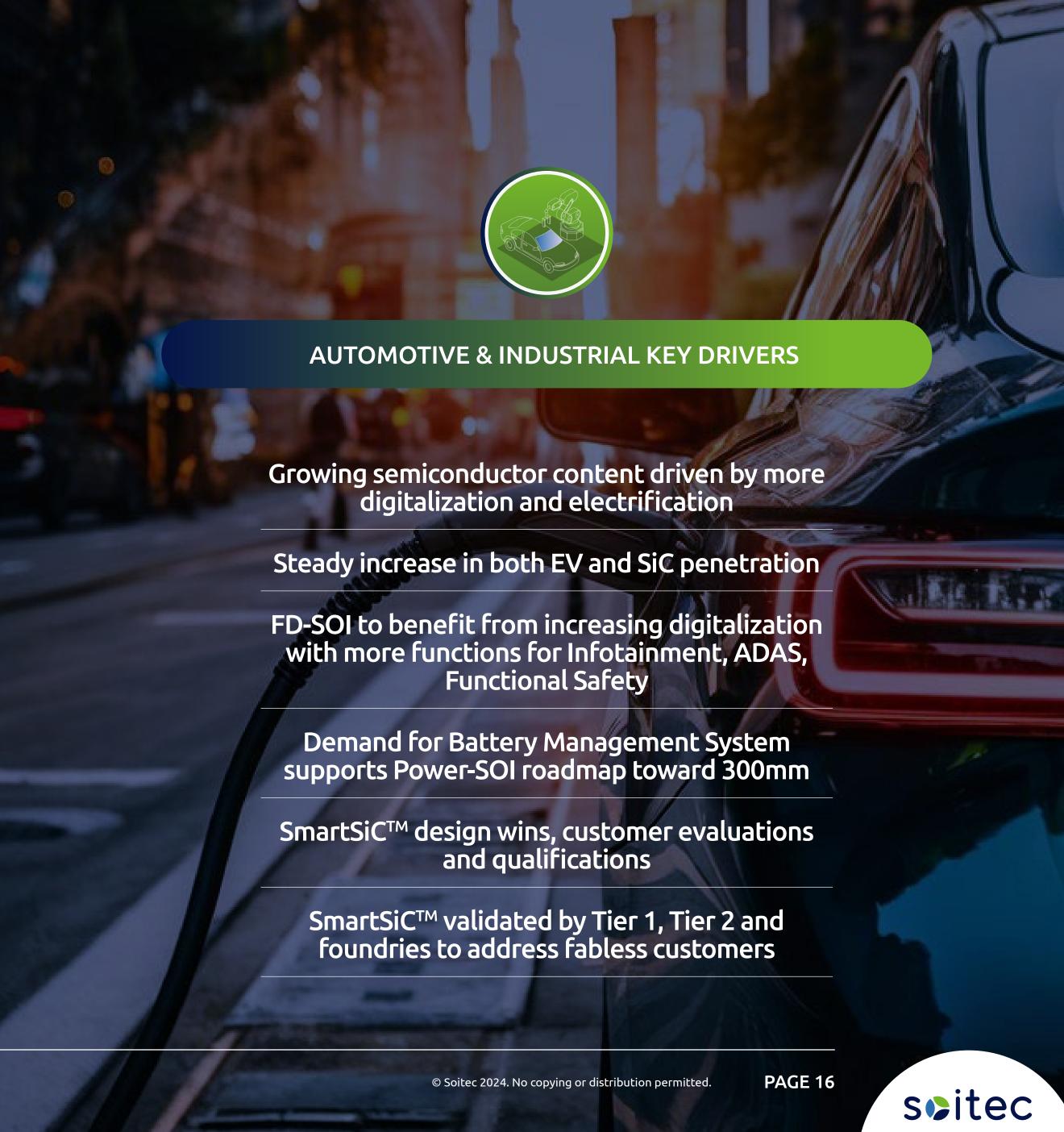




















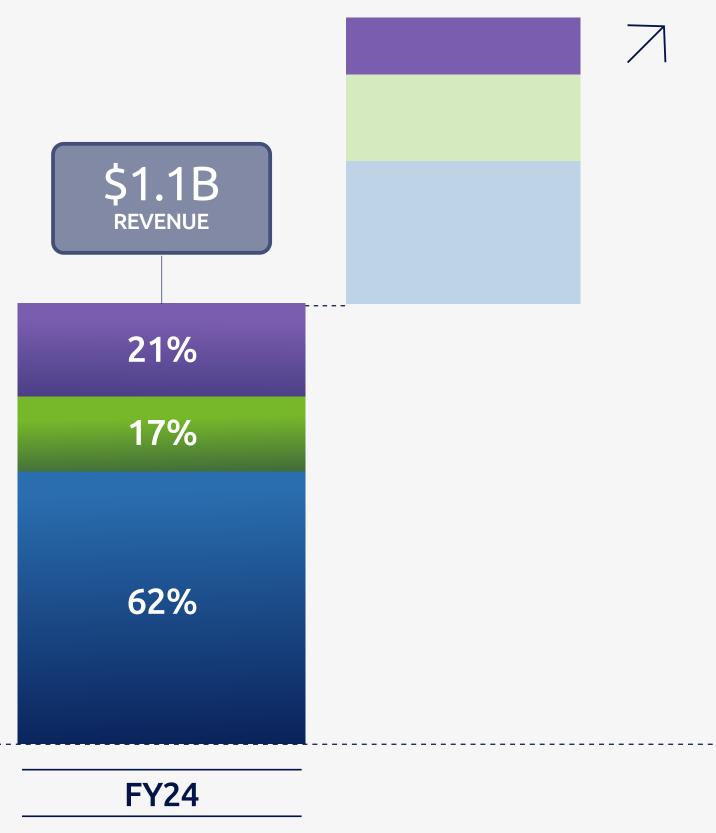


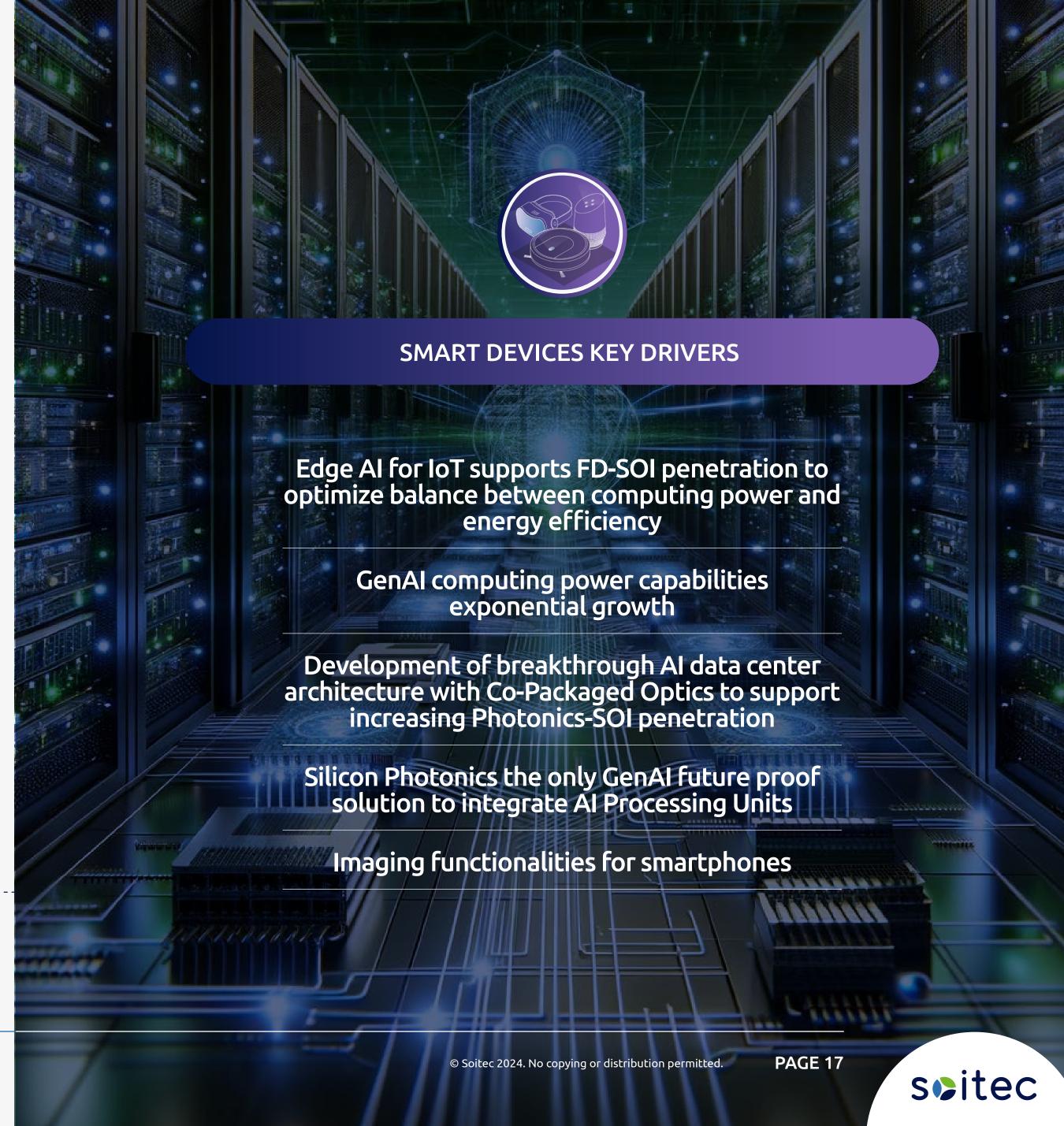




















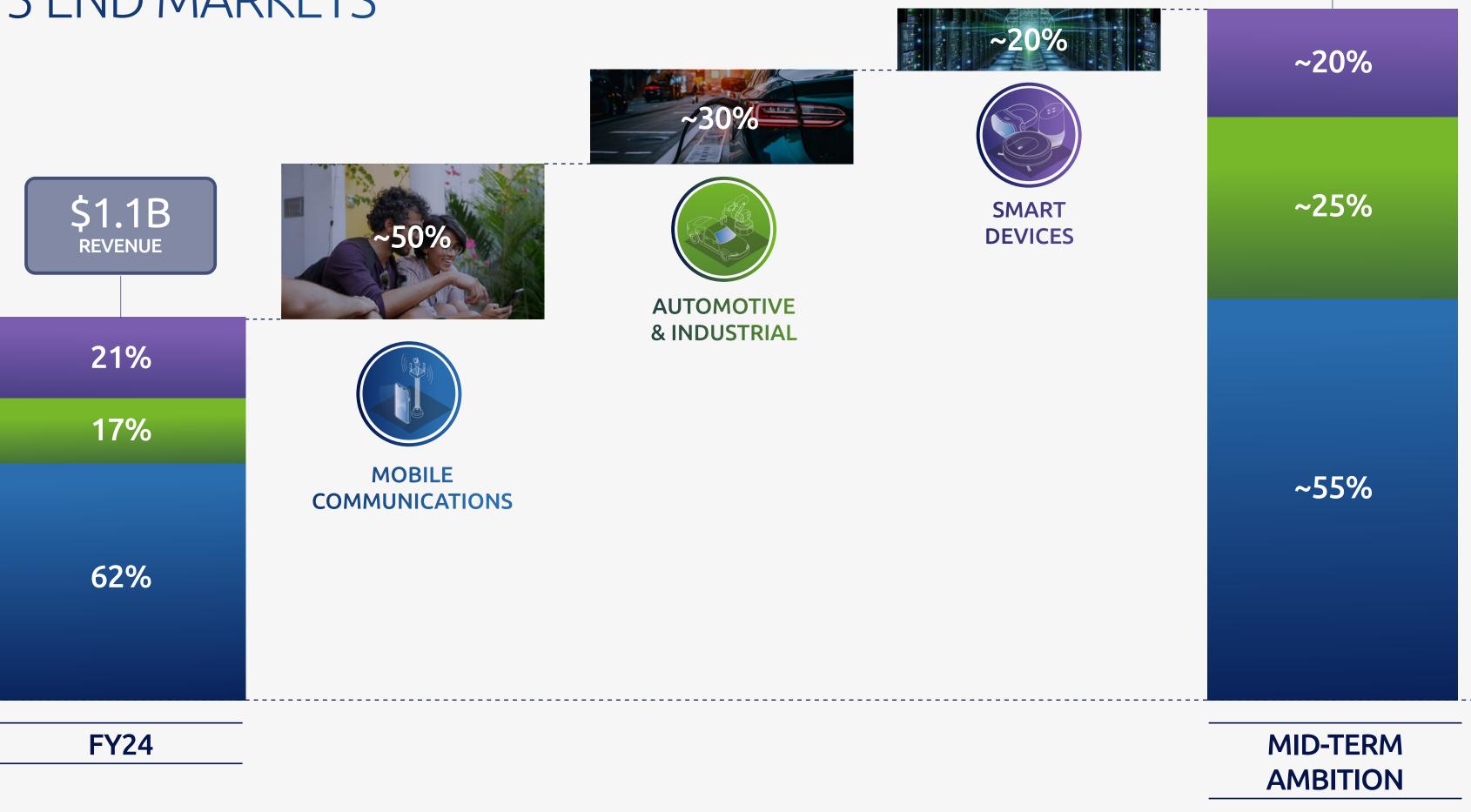




























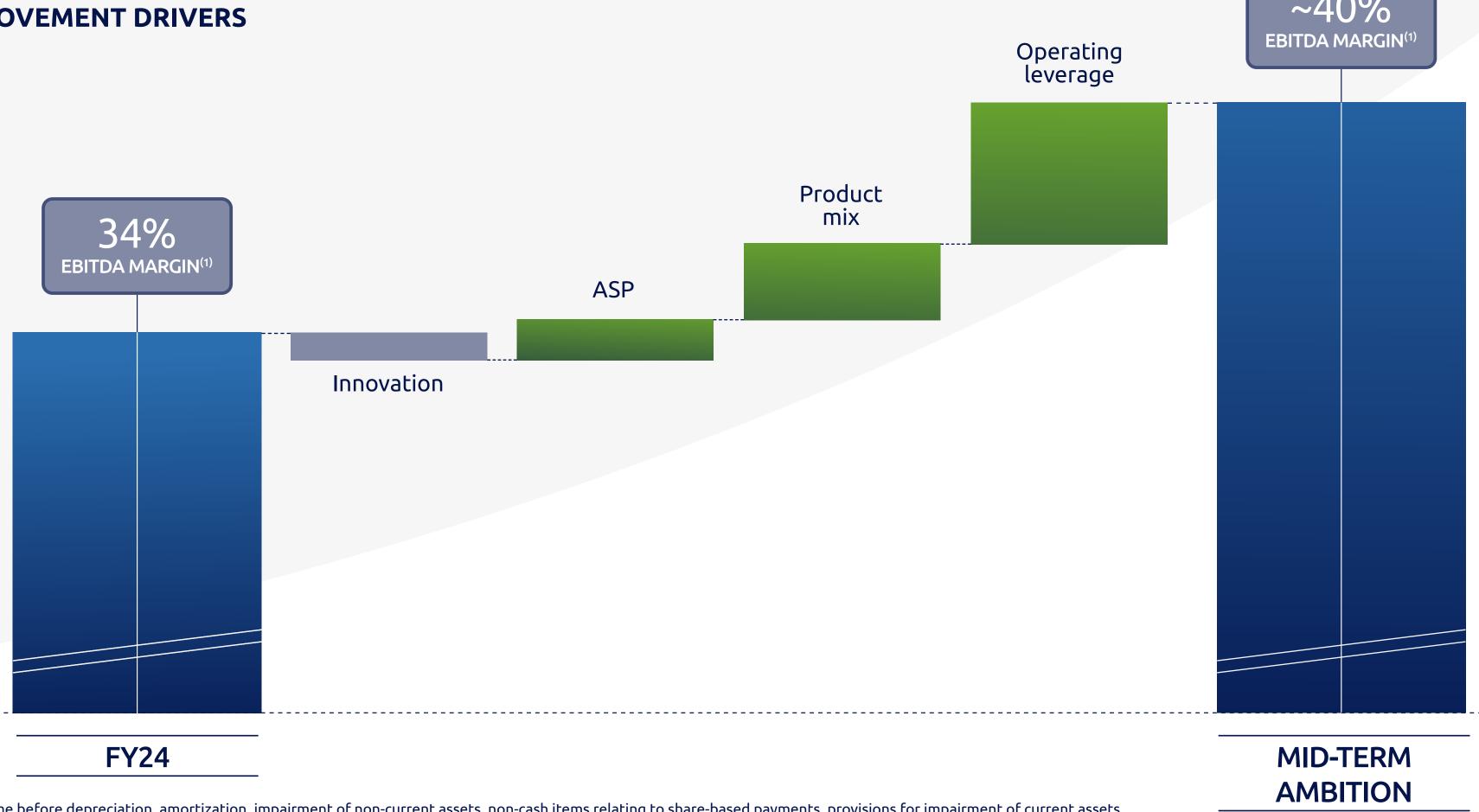




**REVENUE** 

#### A CLEAR VISION TOWARD ~40% EBITDA MARGIN

**EBITDA MARGIN IMPROVEMENT DRIVERS** (@1.10€/\$)



(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.





















# KEY MESSAGES

FY24 results reflect ongoing inventory correction in the smartphone supply chain

Strengthening our sustainable value creation model

MID-TERM AMBITION Clear vision toward ~\$2B revenue ~40% EBITDA<sup>(1)</sup> margin

(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.





















s**:**itec

# STRATEGY

Steve Babureck













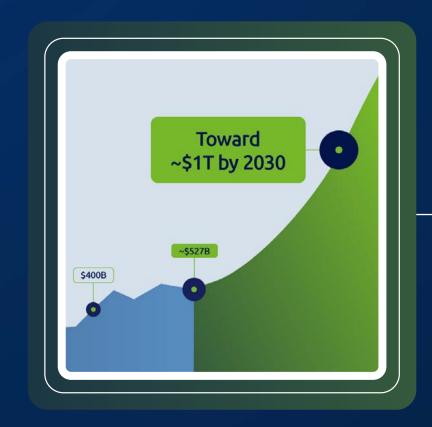




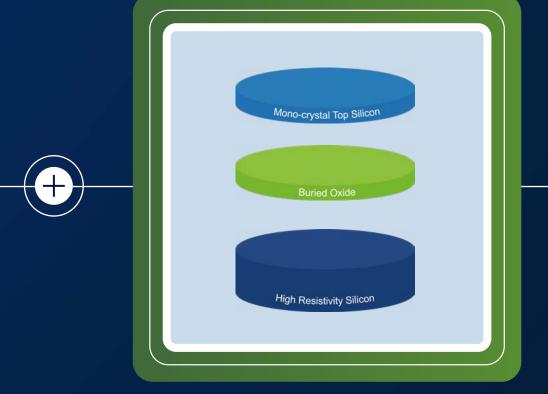




#### 3 POWERFUL ENGINES TO DRIVE SOITEC ADDRESSABLE MARKET EXPANSION BY 2030



**SEMICONDUCTOR MARKET GROWTH** 



**INCREASING ADOPTION OF ENGINEERED SUBSTRATES** 



**SOITEC EXPANDING PRODUCT AND TECHNOLOGY PORTFOLIO** 



**BY 2030** (vs 2023)







Source: Yole, SEMI, Soitec estimates.









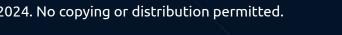






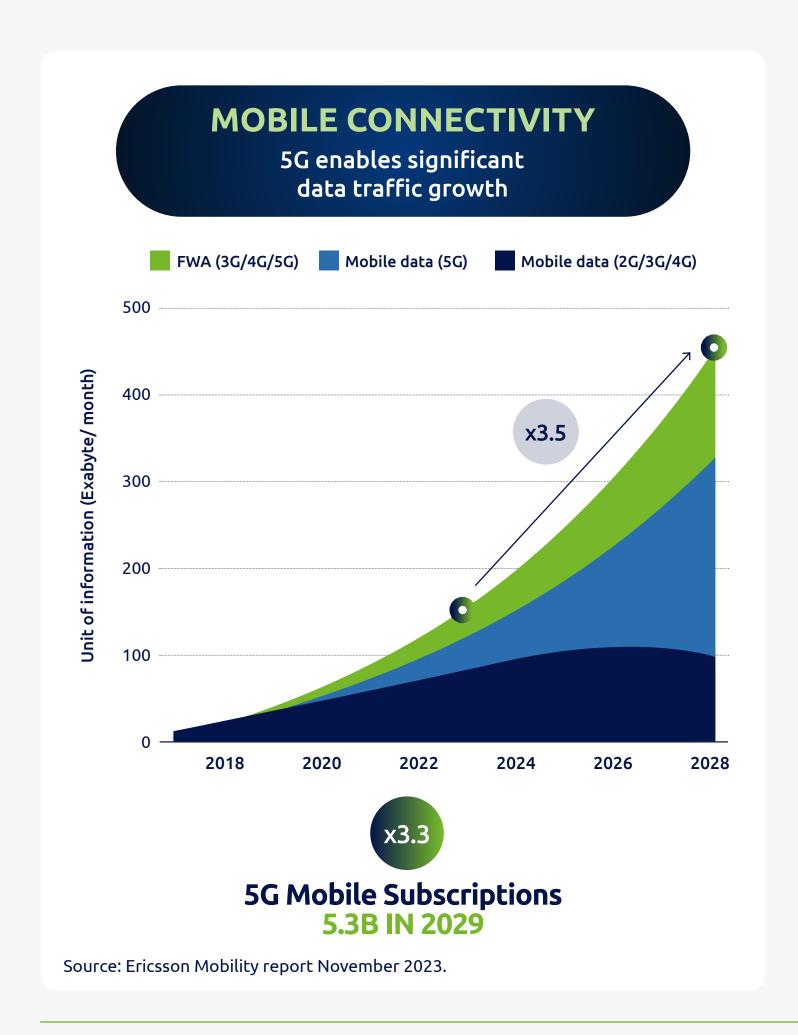


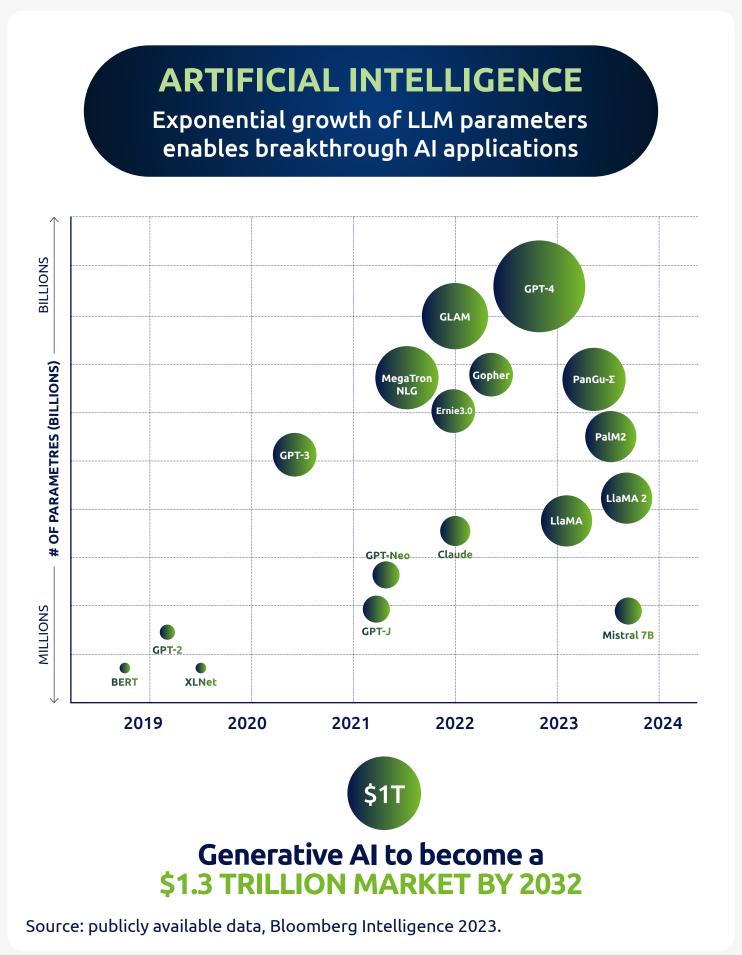


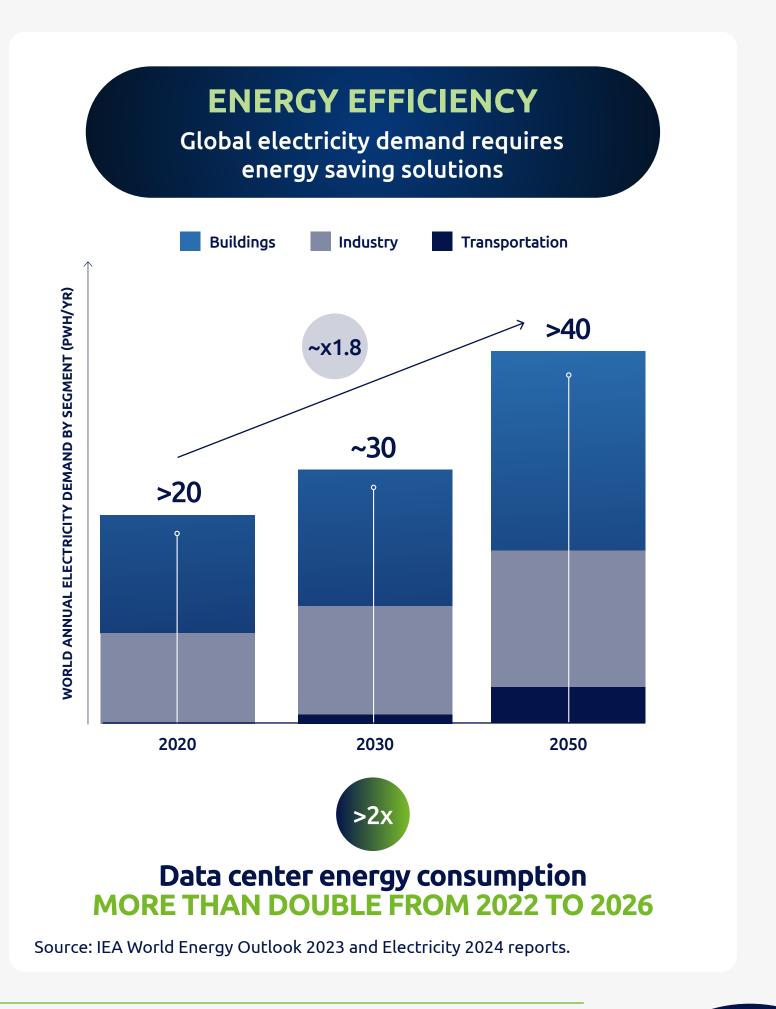


#### **TECHNOLOGY MEGATRENDS**

#### CONTINUE TO SUSTAIN MASSIVE DEMAND FOR SEMICONDUCTORS



























seitec

#### **ENGINEERED SUBSTRATES INCREASING ADOPTION**

HIGHER PERFORMANCE, LOWER ENERGY CONSUMPTION, HIGHER INTEGRATION AND LOWER COST OF OWNERSHIP

**ENGINEERED SUBSTRATES PHYSICS** 

**LOWER LOSSES** 

**HIGHER POWER DENSITY** 

HIGHER BREAKDOWN VOLTAGE

**BETTER RADIO FREQUENCY LINEARITY** 

**BETTER NOISE IMMUNITY** 

**SUBSTRATE REUSABILITY** 

**INTEGRATION POTENTIAL** 



**DEVICE VALUE PROPOSITION** 

**HIGHER PERFORMANCE** 

**GREATER POWER SAVING** 

**HIGHER RELIABILITY** 

**DESIGN OPTIMIZATION** 

**LOWER COST OF OWNERSHIP** 



**SYSTEM BENEFITS** 



**COMMUNICATIONS** 

**BROADBAND CONNECTIVITY** 

**ENHANCED USER EXPERIENCE** 

LONGER BATTERY LIFETIME





& INDUSTRIAL

**LONGER DRIVING RANGE** 

**FASTER CHARGING** 

**ENHANCED SAFETY & SECURITY** 



HIGH BANDWIDTH CONNECTIVITY **FOR DATA CENTERS** 

AI COMPUTING AT THE EDGE

**BATTERY-LESS IOT** 











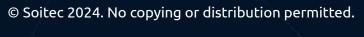






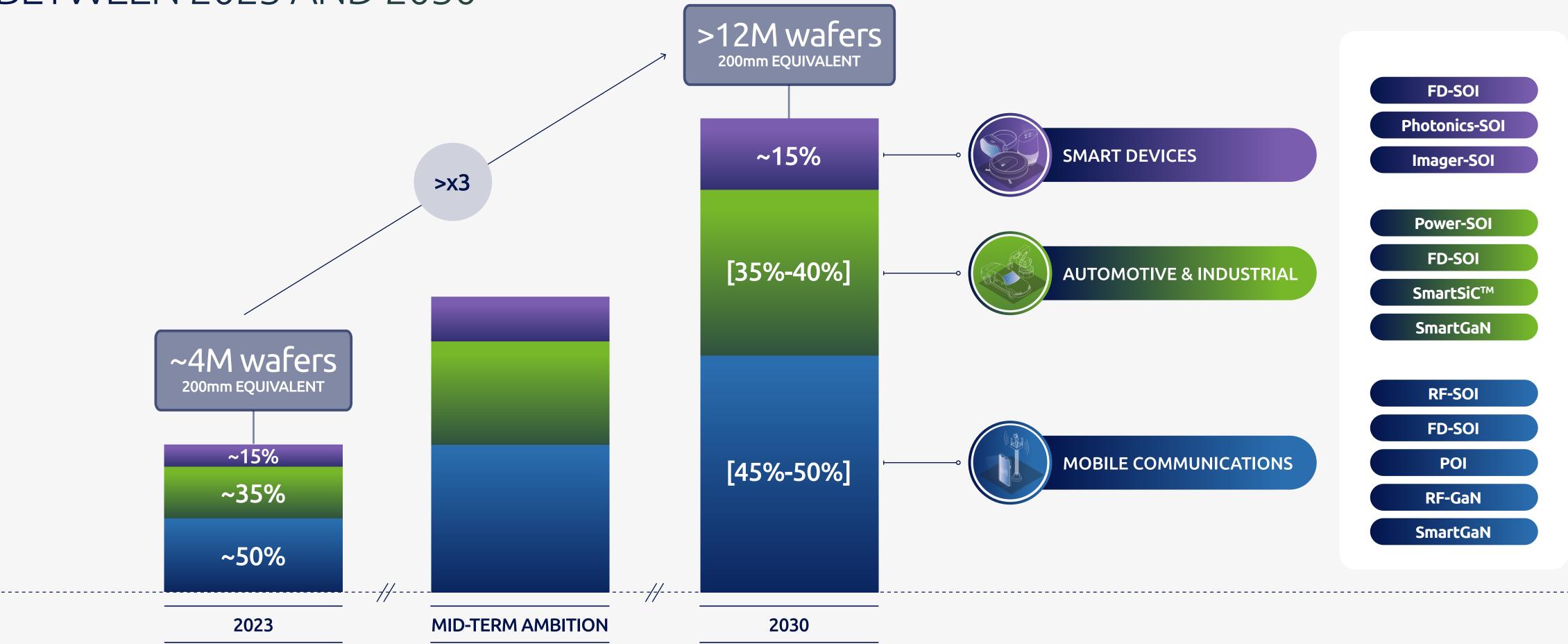






SOITEC ADDRESSABLE MARKET TO GROW AT ~20% CAGR

BETWEEN 2023 AND 2030



Source: Yole, Soitec estimates.















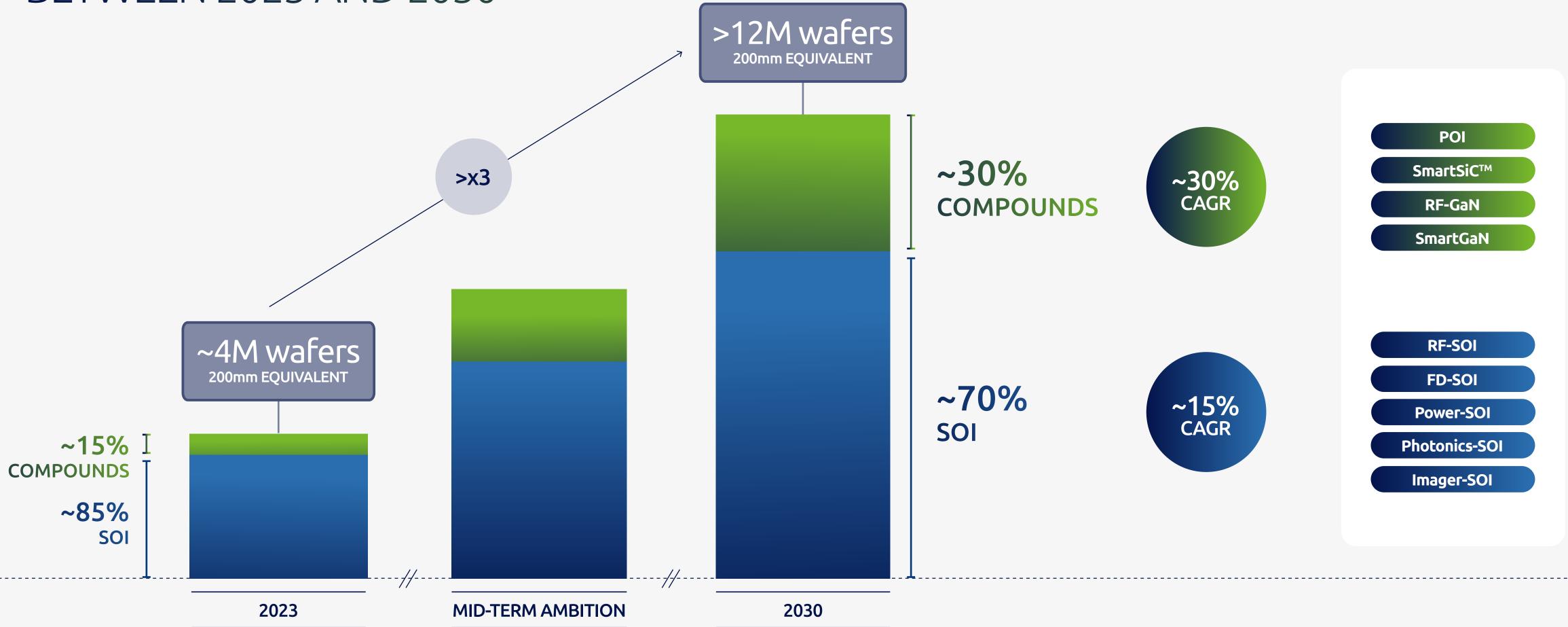






SOITEC ADDRESSABLE MARKET TO GROW AT ~20% CAGR

BETWEEN 2023 AND 2030



Source: Yole, Soitec estimates.











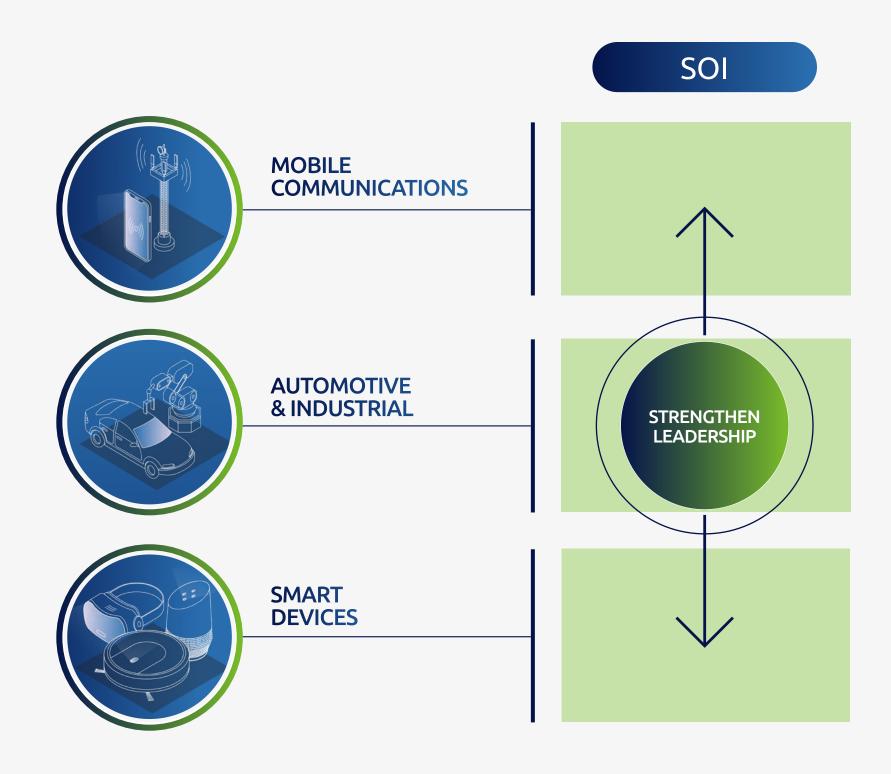








#### SOITEC ADDRESSABLE MARKET TO TRIPLE BY 2030 STRENGTHEN OUR LEADERSHIP IN SOI ACROSS OUR 3 STRATEGIC END MARKETS















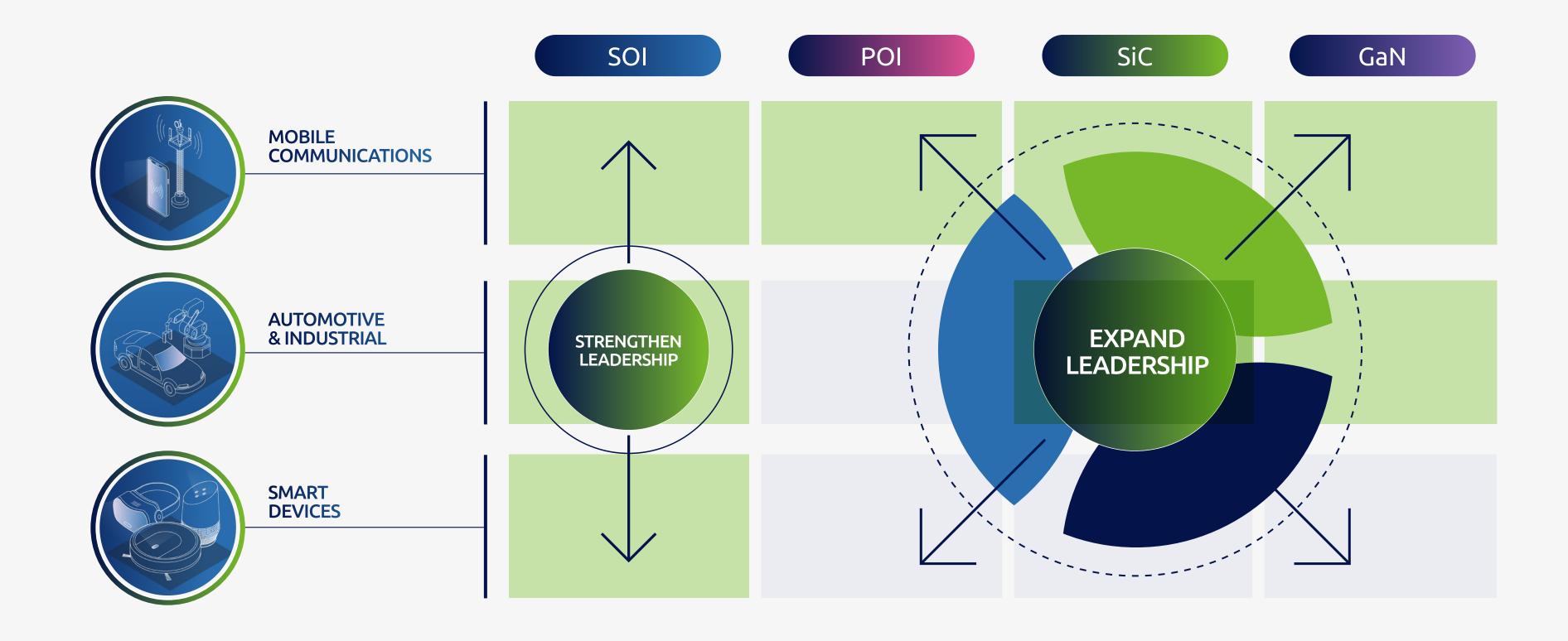






#### SOITEC ADDRESSABLE MARKET TO TRIPLE BY 2030

#### CONTINUE SUCCESSFUL EXPANSION INTO COMPOUND SEMICONDUCTORS















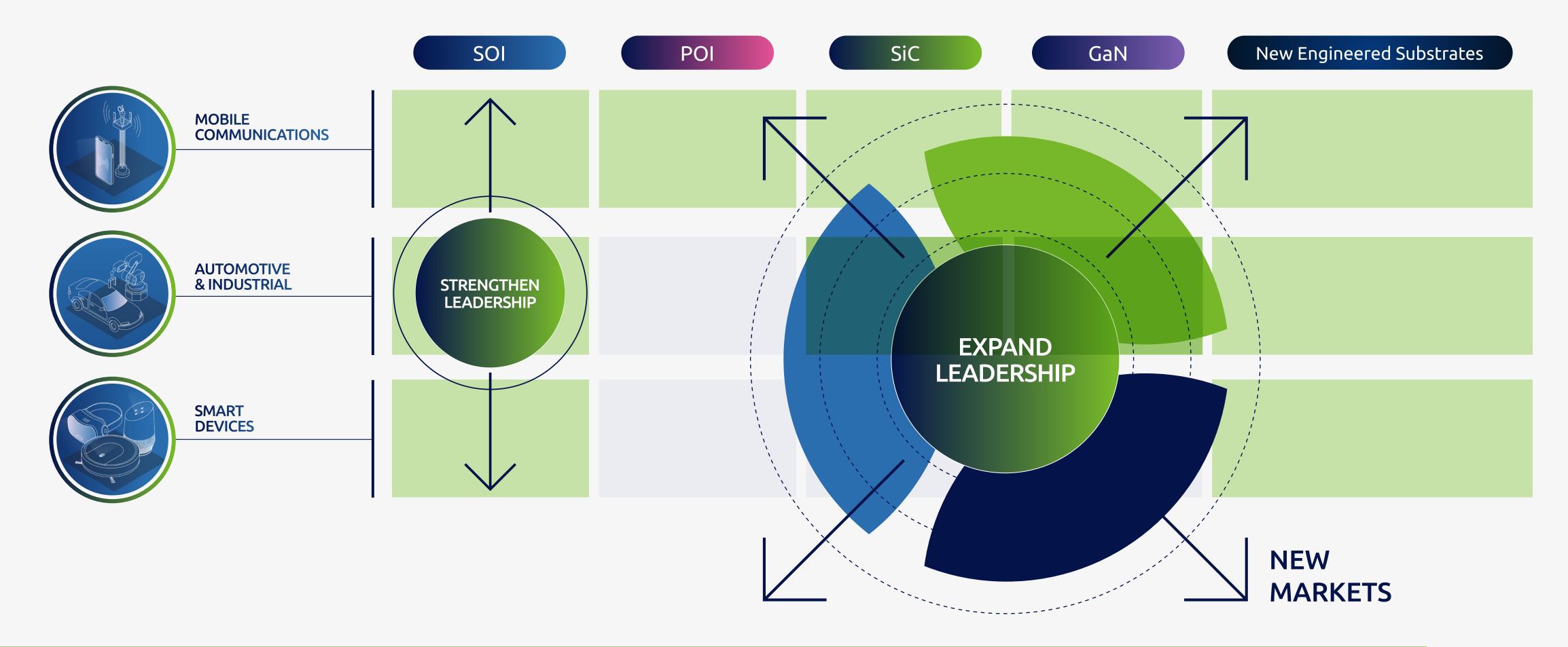






#### SOITEC ADDRESSABLE MARKET TO TRIPLE BY 2030

#### EXPAND LEADERSHIP WITH NEW ENGINEERED SUBSTRATES AND STRATEGIC PARTNERSHIPS





















## STRATEGY KEY MESSAGES

3 Powerful megatrends support Soitec organic growth

5G, Al and Energy efficiency

Strengthening SOI leadership and expanding into compound semiconductors

Soitec addressable market to grow ~20% CAGR toward 2030 from ~4M to >12M wafers<sup>(1)</sup>

(1) in 200mm equivalent.













s**:**itec

# INOVATION

Christophe Maleville



















#### LEVERAGING MATERIALS SCIENCES TO ENABLE UNIQUE APPLICATIONS

#### Leverage

**MATERIALS INTRINSIC PROPERTIES** 







Develop **TECHNOLOGY** SOLUTIONS



**Epitaxy** 







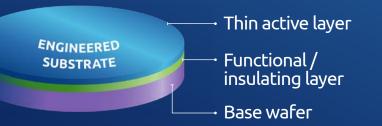
## Interface engineering



#### Design

#### **ENGINEERED SUBSTRATES**

- SOI product portfolio
- Anything-on-Anything (active layer on substrate)



#### Enable

NEW PROPERTIES, ENHANCED PERFORMANCE, IMPROVED **ENERGY CONSUMPTION** 

Connectivity

Low-power computing

Energy efficiency

Electric vehicles

Quantum computing

3D integration

Data rate & bandwidth















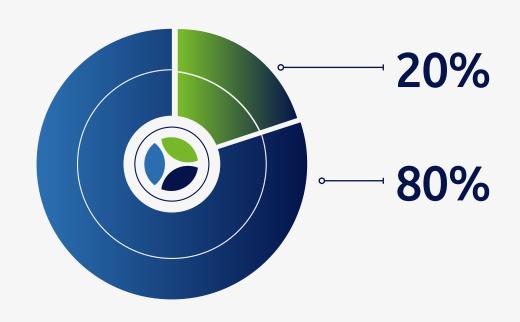








#### **BALANCING SHORT TERM INNOVATION** AND FUTURE OPPORTUNITIES



#### PRODUCTS UNDER DEVELOPMENT TO SUPPORT OUR BP

**TECHNOLOGIES AND PRODUCTS INCUBATION** 

Addressing short and medium-term differentiations for our customers

**INCREMENTAL INNOVATION** 

SOI next generation

POI next generation

SmartSiC™

**GaN Epi** 

To support future opportunities and growth

**DISRUPTIVE INNOVATION** 

SOI for new applications

Compound integration

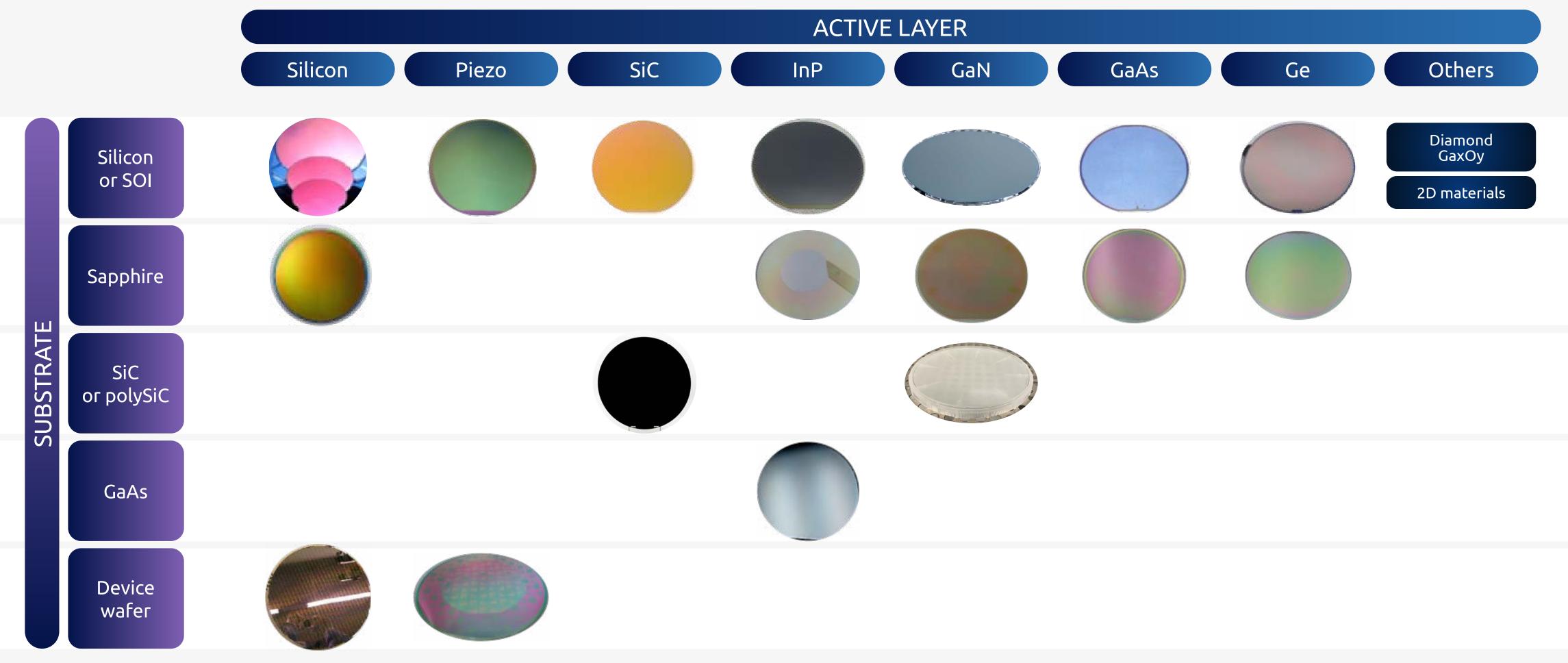
SmartGaN

InP - Photonics, 6G

Tiling for large diameters



### **ANYTHING-ON-ANYTHING - SOITEC INNOVATION DNA** BEST ACTIVE LAYER(S) ON FUNCTIONAL SUBSTRATE







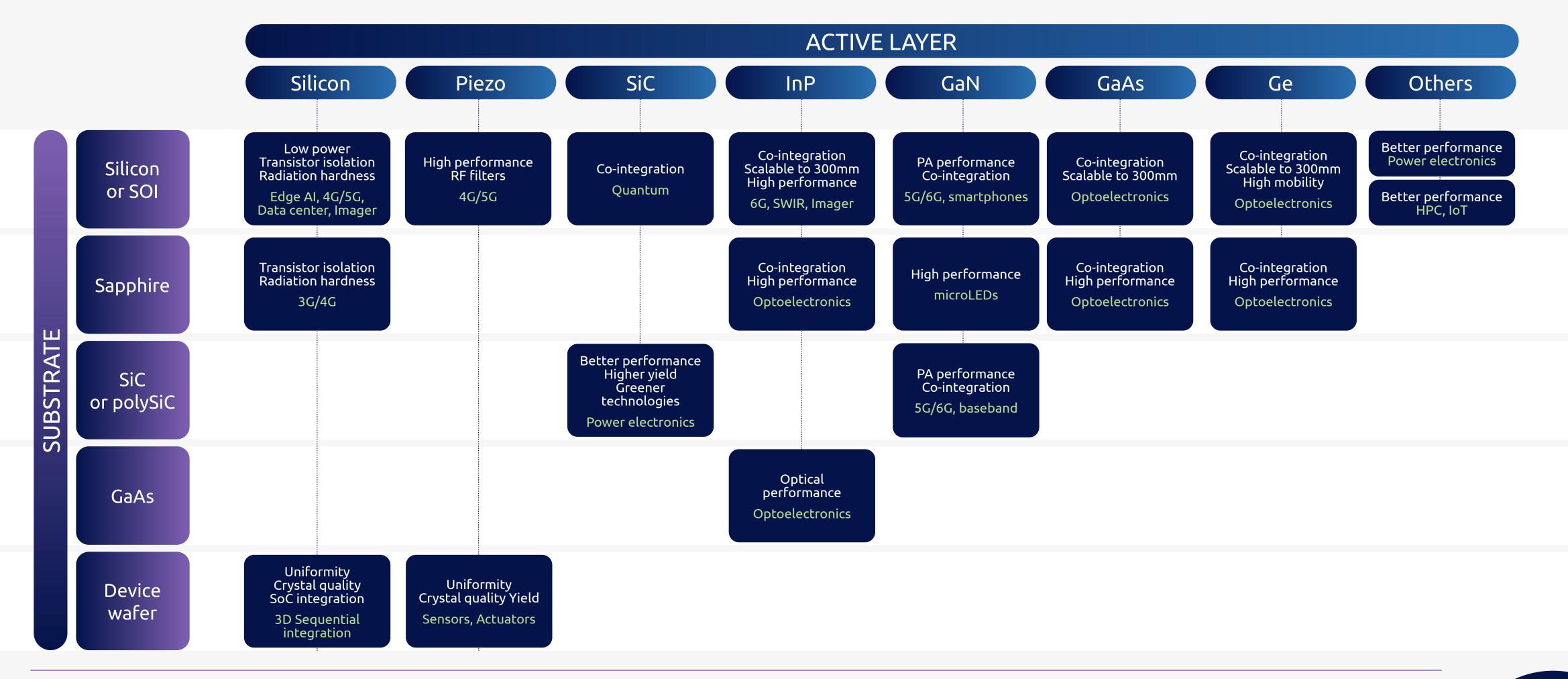








#### **ANYTHING-ON-ANYTHING - SOITEC INNOVATION DNA** ENABLING NEW PROPERTIES FOR SPECIFIC APPLICATIONS









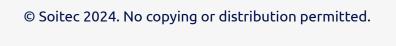












### INNOVATION AT SOITEC 250 SKILLED PEOPLE AND DYNAMIC IP FILING



>250 **RESEARCHERS** & INVENTORS



>25% PhDs



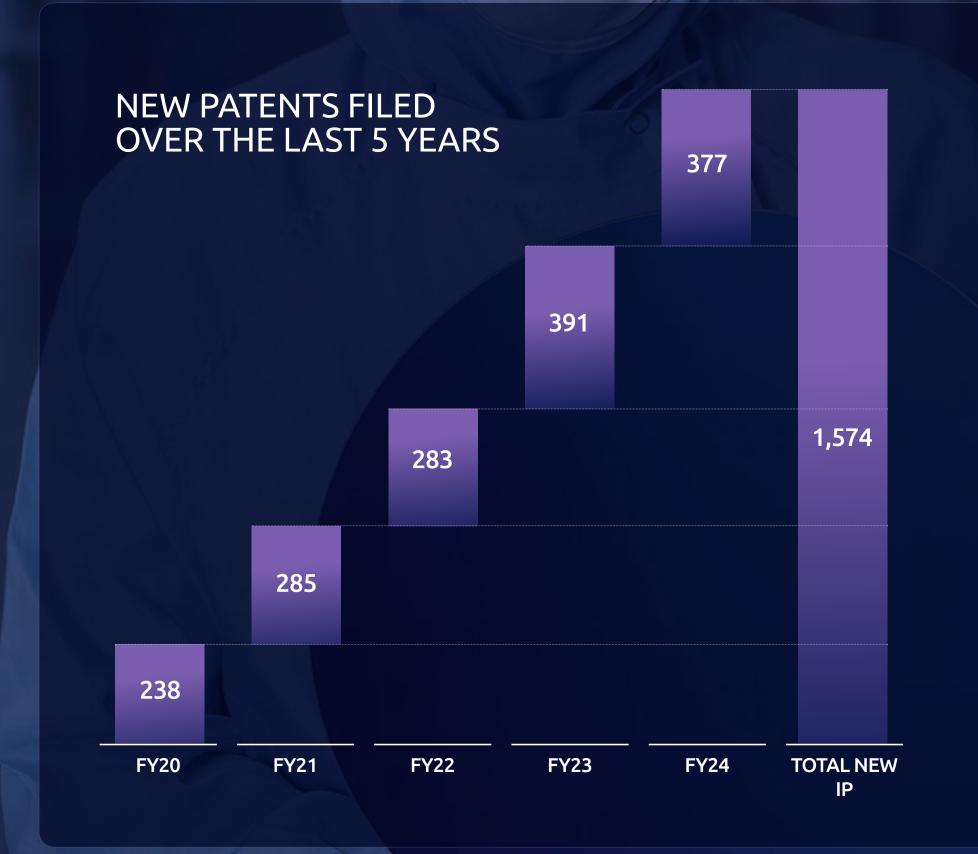
**EXPANDING TEAM GLOBALLY** 



>14% OF OUR REVENUE **INVESTED IN INNOVATION IN FY24<sup>(1)</sup>** 



>4,150 PATENT PORTFOLIO, WITH 377 NEW **PATENTS IN FY24** 





**INPI 2023** 

TOP FRENCH PATENT APPLICANTS

MID-SIZE COMPANY

#25

IN THE GLOBAL RANKING

(1) Before capitalization











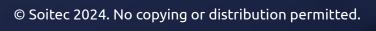




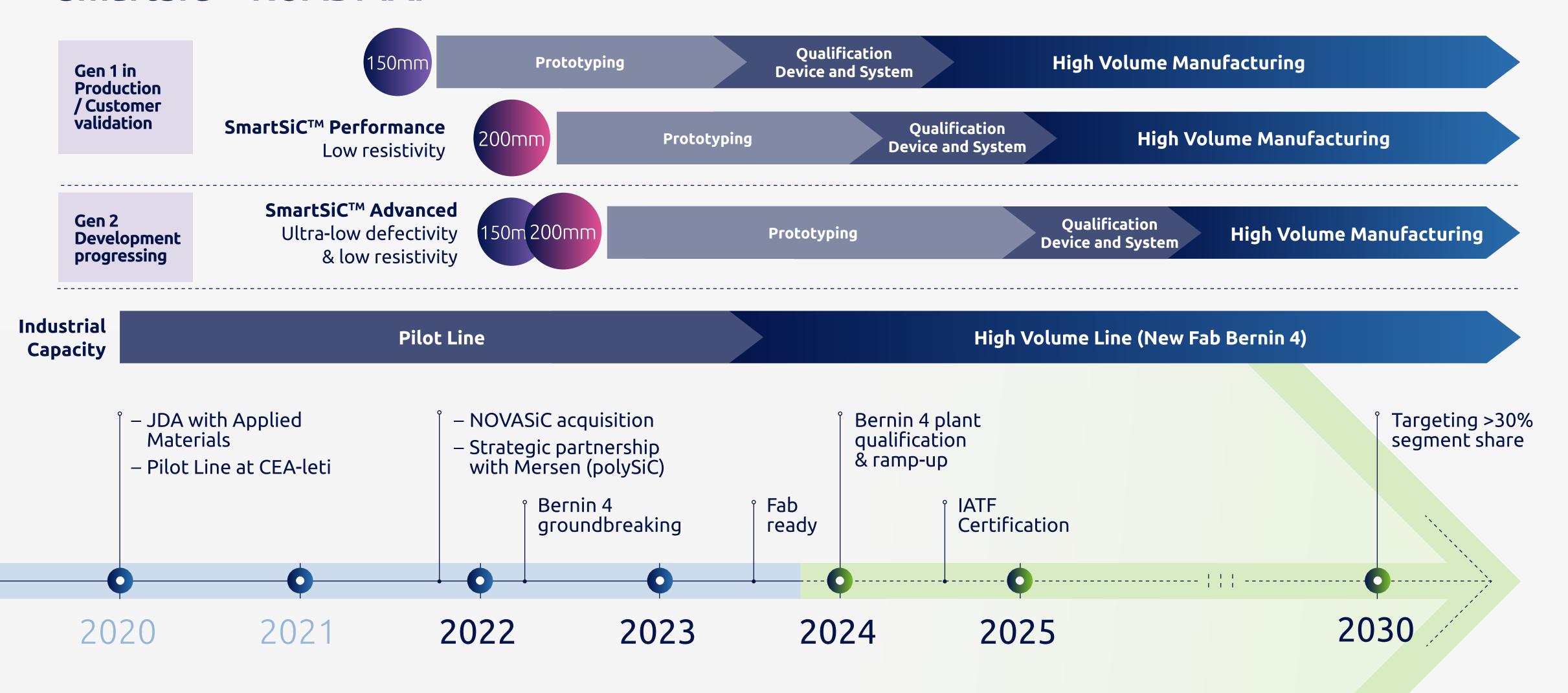








# SmartSiC<sup>TM</sup> ROADMAP









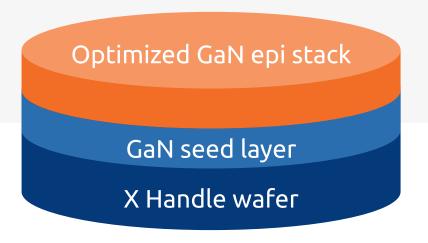








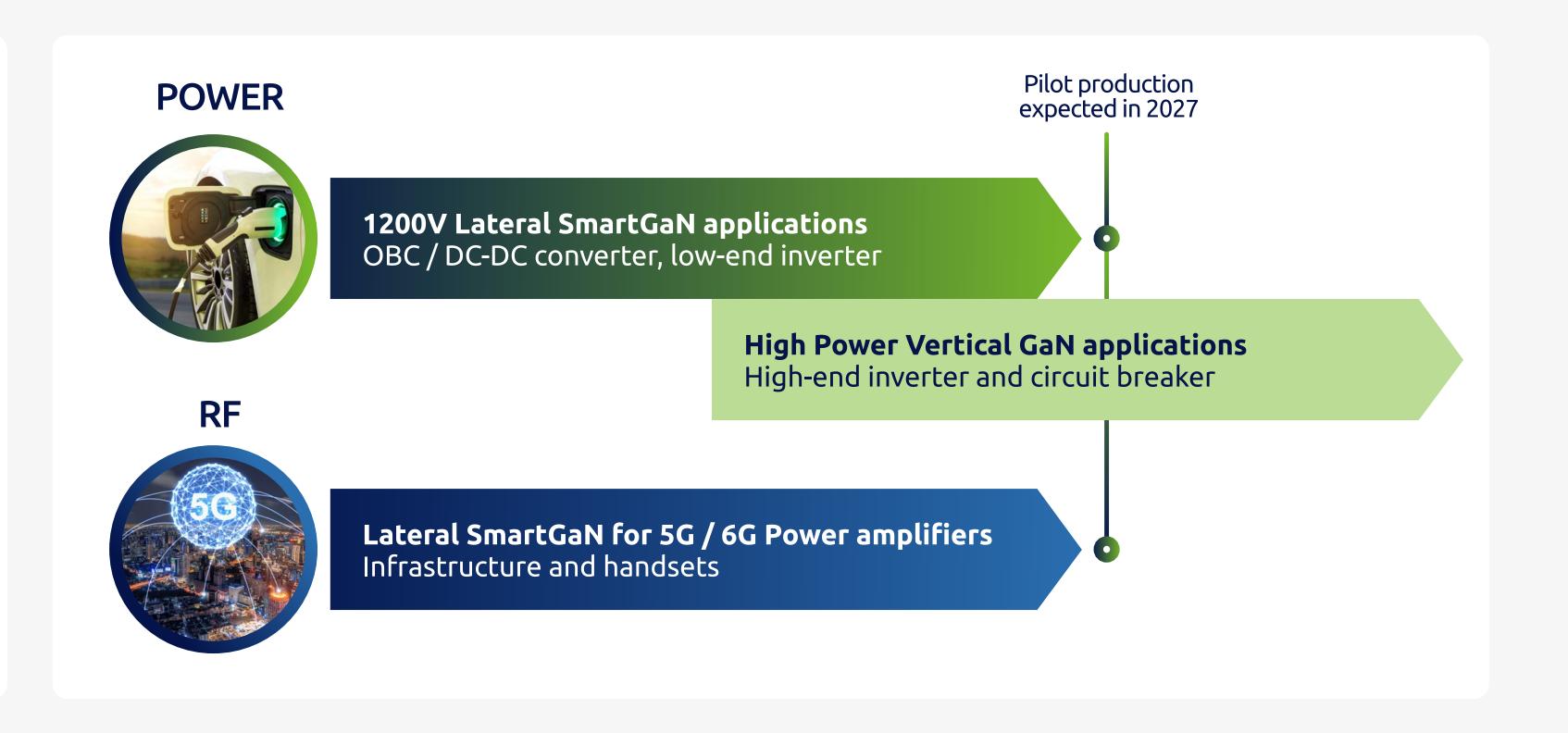
# SmartGaN - SOITEC SOLUTION FOR FUTURE RF & POWER DEVICES MAJOR SYNERGIES BETWEEN POWER AND RF ENABLE PARALLEL DEVELOPMENT



# **SmartGaN**

**INCUBATOR TO ACCELERATE** PRODUCT DEVELOPMENT AND STRENGTHEN **CUSTOMER ENGAGEMENT** 

> **Defining** value proposition **Engaging** with key players **Building** customer intimacy Aligning product development with customer demand























**PAGE 38** 

# INNOVATION KEY MESSAGES

## SOITEC INNOVATION ROADMAP

Leveraging materials science expertise to deliver value at system level

# SOITEC INNOVATION MODEL

Speed and strategic partnerships are key to gain market share

# INNOVATION ENABLES PRODUCT PORTFOLIO **EXPANSION**

Strengthening SOI leadership and delivering on our expansion beyond SOI





















# MOBILE COMMUNICATIONS

Jean-Marc Le Meil















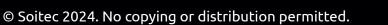


# CONVERGING THE CONNECTIVITY AND INTELLIGENCE REVOLUTIONS **MOBILE & CONSUMER SMART CONNECTIVITY** 5G ADVANCED & Wi-Fi 6 / 6E / 7 **SMART TRANSPORTATION Enhanced mobile** More connected, safer and autonomous vehicles broadband experience **INDUSTRY 4.0 & SMART CITIES NEXT-GEN USER DEVICES** Paving the way for On-the-go and virtual sustainable solutions reality experiences 1 2 3 4 MOBILE COMMUNICATIONS 5 6 7 8 9

#### **INFRASTRUCTURE**

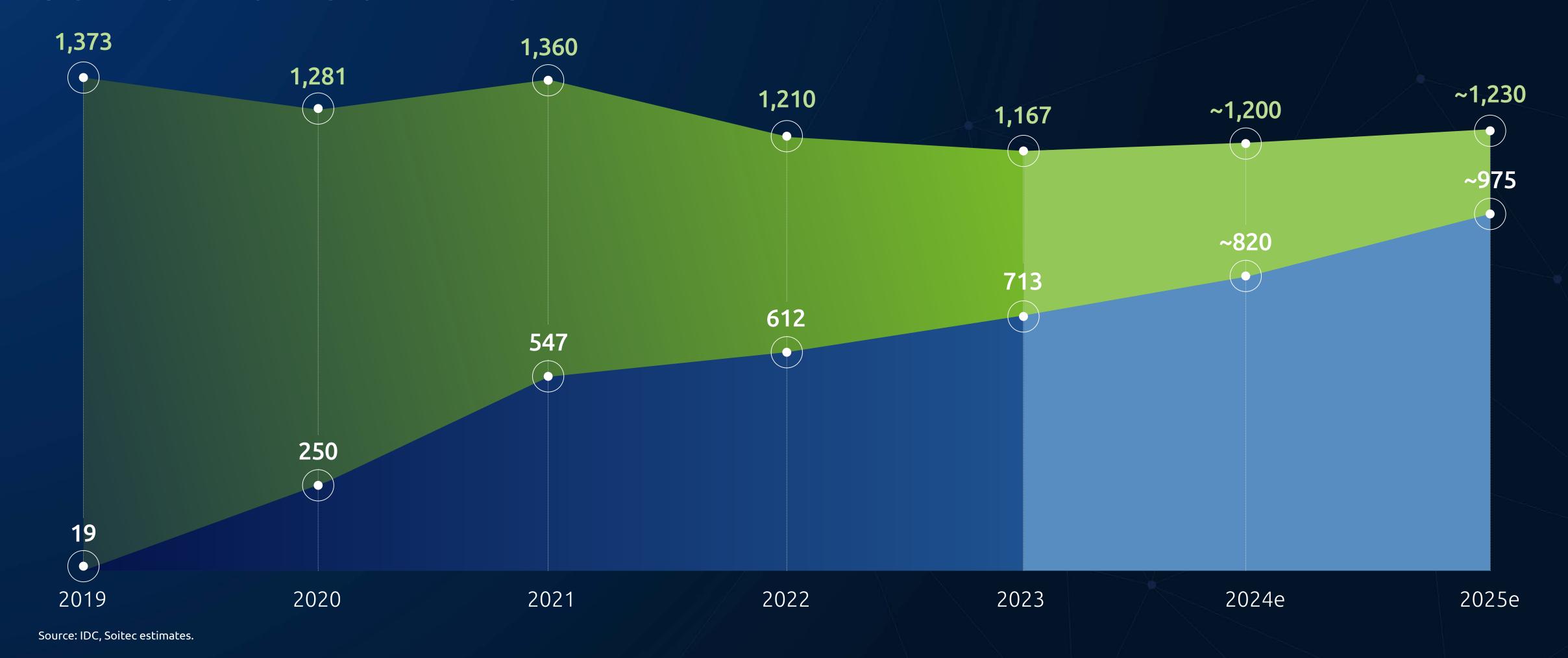
& 5G INFRASTRUCTURE
Enabling efficient scalability
and capacity

NON-TERRESTIAL NETWORKS
Providing interoperable and
standardized wireless experiences



# GLOBAL SMARTPHONES SHIPMENTS ARE FLATTENING 5G ADOPTION IS ON TRACK

Total Smartphones (M units) **SG** Smartphones (M units)













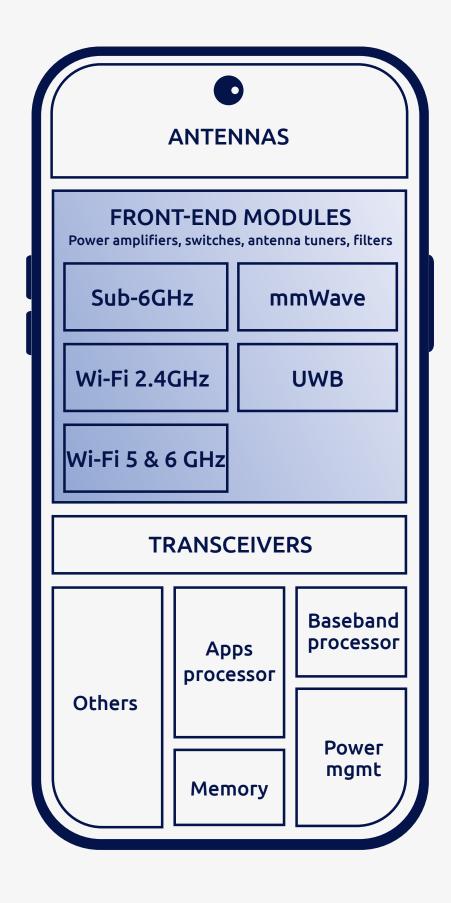


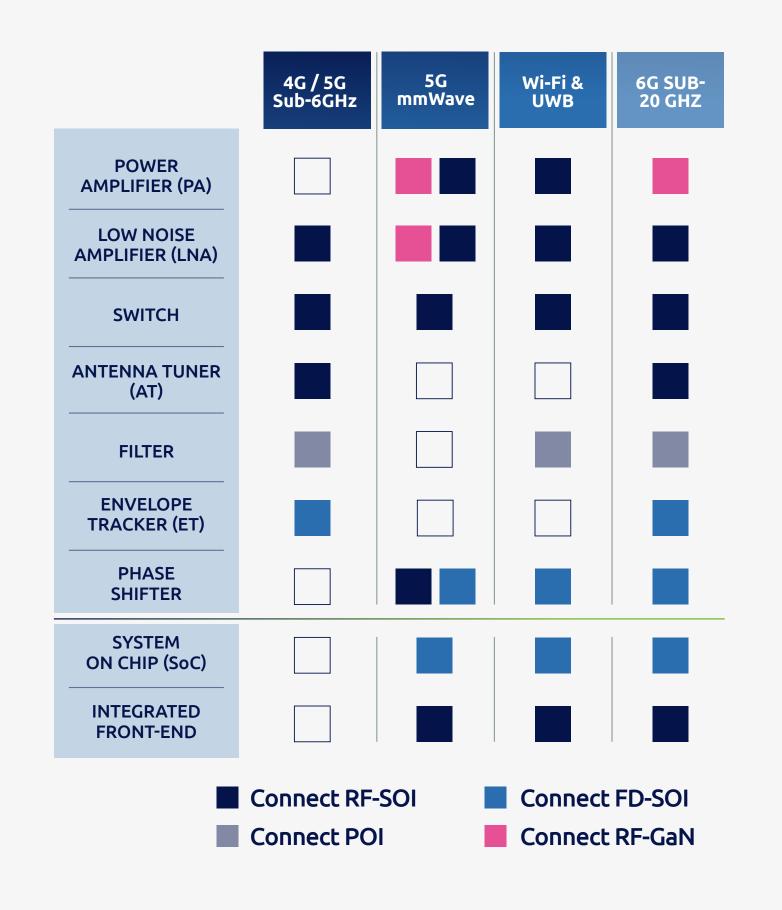


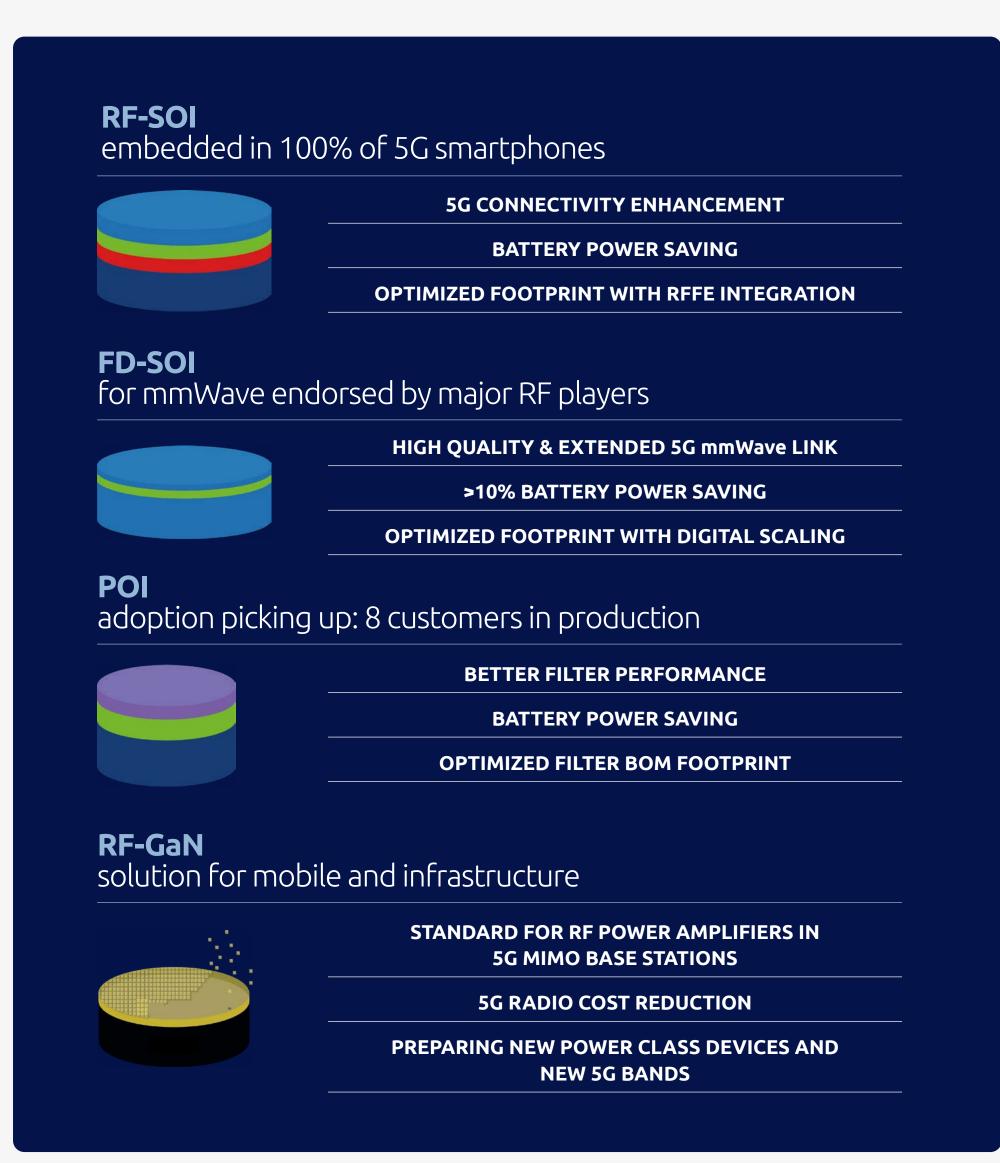


# MOBILE COMMUNICATIONS

POI ACCELERATION AND FD-SOI ADOPTION PARTIALLY OFFSETTING RF-SOI SHORT-TERM INVENTORY CORRECTION























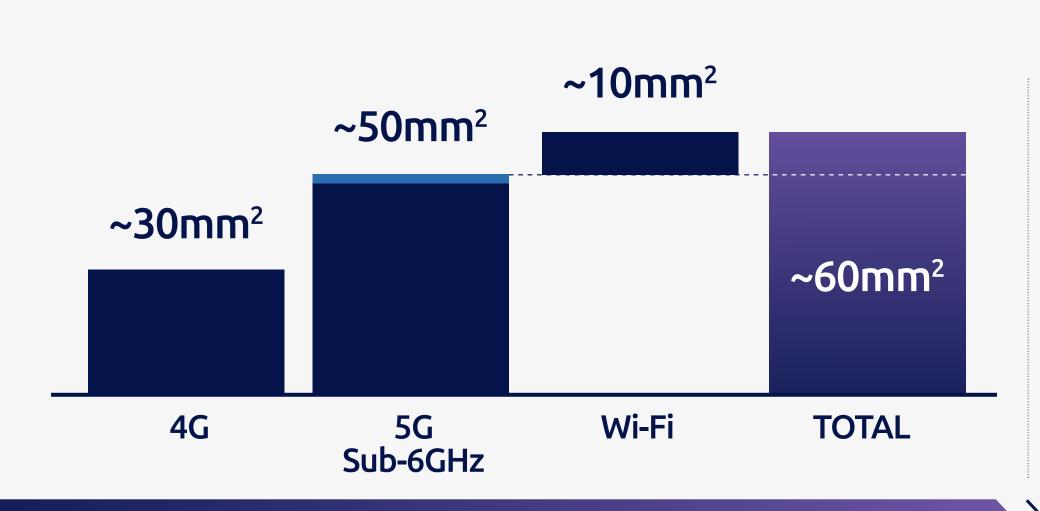


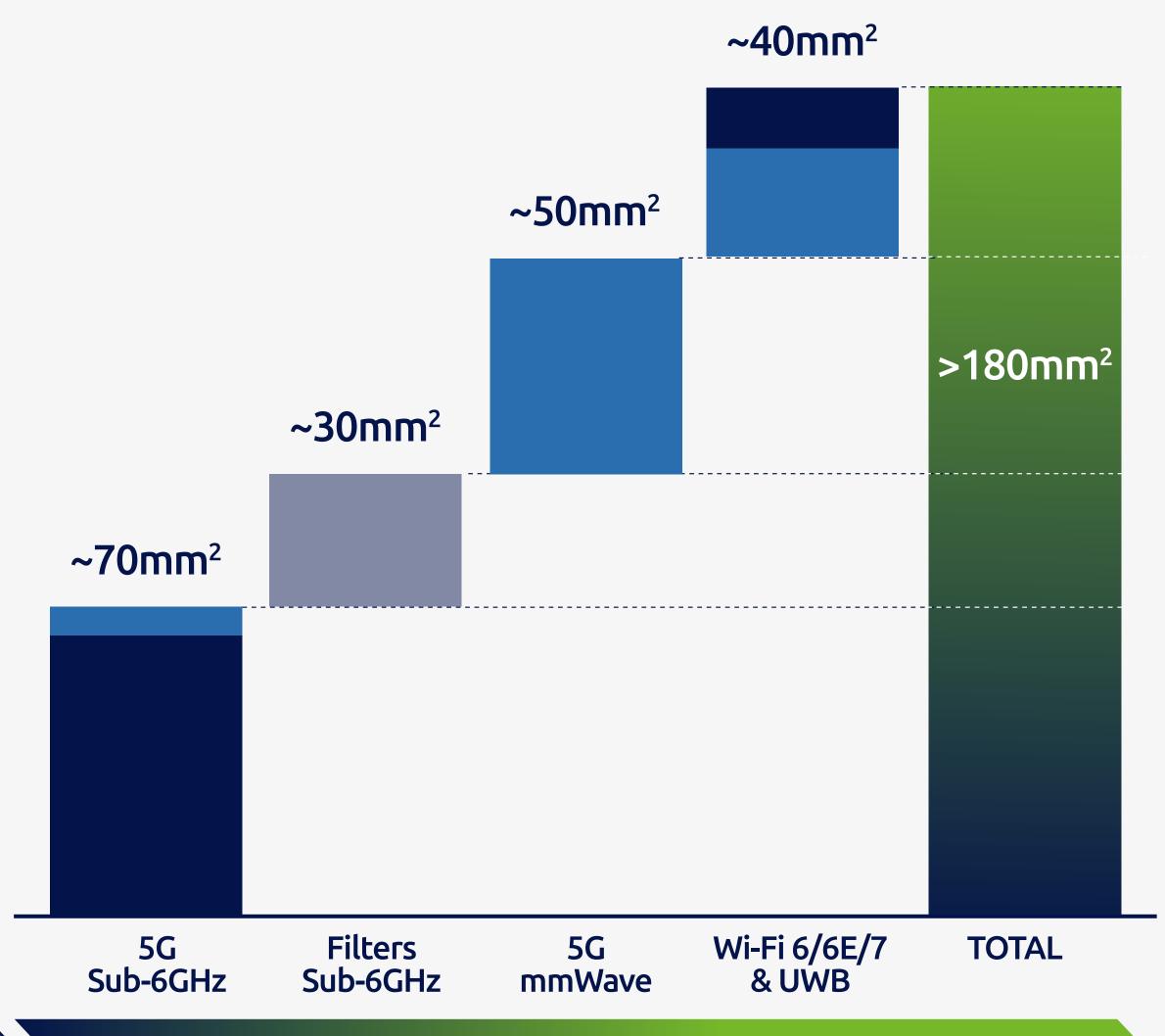


**PAGE 43** 

# MOBILE CONTENT OPPORTUNITY







**TOWARD FY26** 











**FY21** 



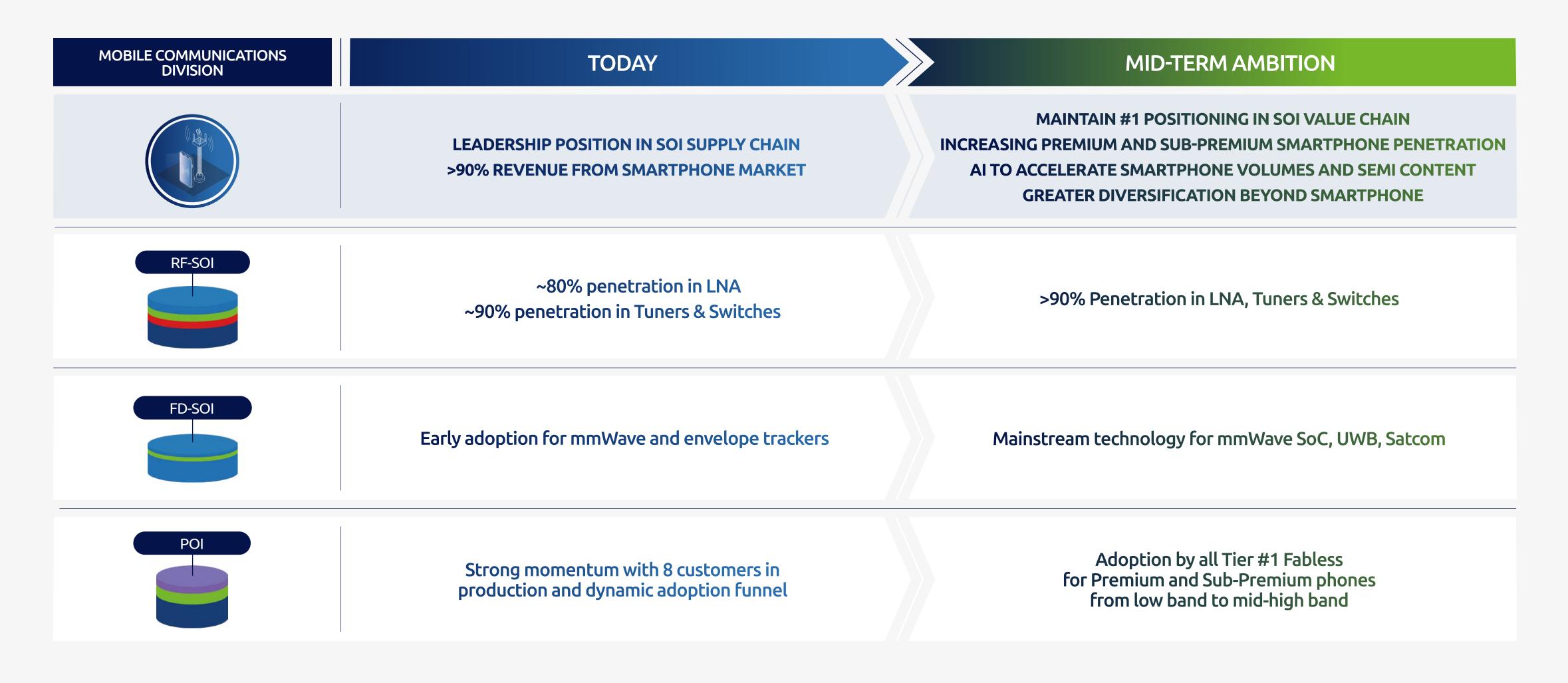






**PAGE 44** 

# VISION FOR THE MOBILE COMMUNICATIONS DIVISION



















# MOBILE COMMUNICATIONS KEY MESSAGES

Smartphone market recovering with greater premium sales expected, leading to semiconductor content growth

Strong customer intimacy to strengthen Soitec unique position in the mobile communications market

Increasing adoption, standardization and diversification beyond Smartphone















# AUTOMOTIVE & INDUSTRIAL

Emmanuel Sabonnadière



















# ENABLING DIGITALIZATION AND ELECTRIFICATION IN AUTOMOTIVE & INDUSTRIAL

#### **AUTOMOTIVE DIGITALIZATION**

#### **INFOTAINMENT**

Increased connectivity and advanced HMI for enhanced user experience

#### **ADAS & FUNCTIONAL SAFETY**

More autonomous and safer driving experience will require more radars / sensors, computing power and zonal architecture for faster response time

#### **AUTOMOTIVE ELECTRIFICATION**

#### **POWERTRAIN**

xEV penetration accelerates demand for WBG materials, supporting SiC penetration across all BEV ranges

#### **BATTERY MANAGEMENT**

Delivering superior performance and enabling increasing content of electronics

#### **GREEN INDUSTRY**

#### **CHARGERS & ENERGY SUPPLY**

Increased demand for chargers and energy supply for data centers and power intensive industries

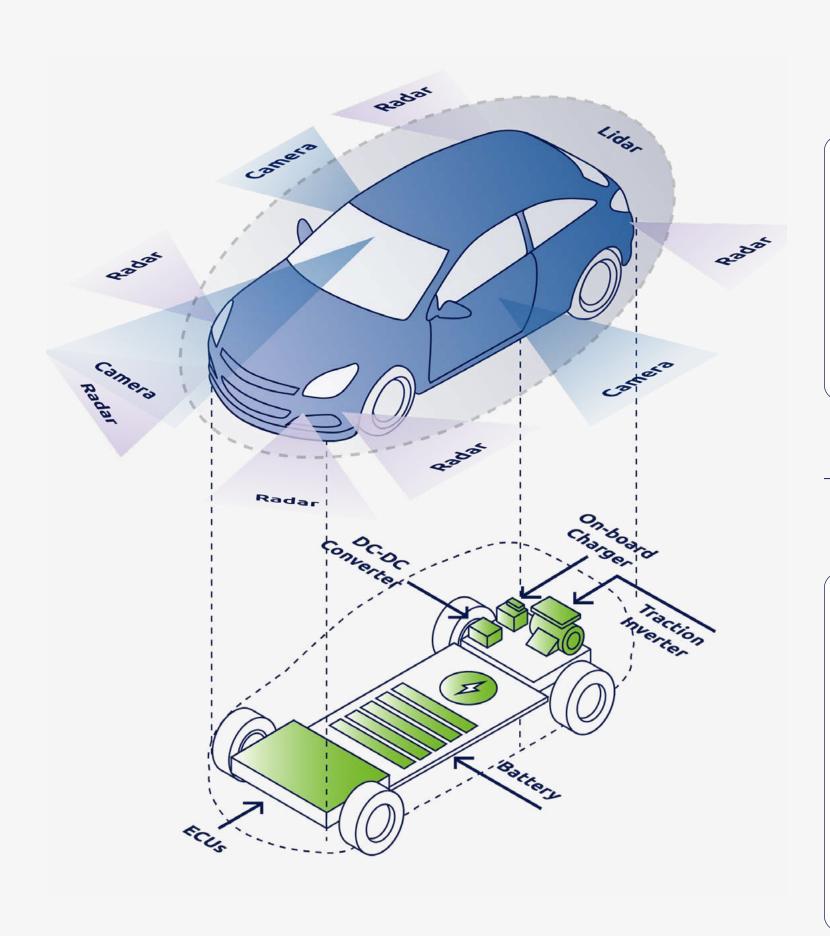
#### **RENEWABLE ENERGIES**

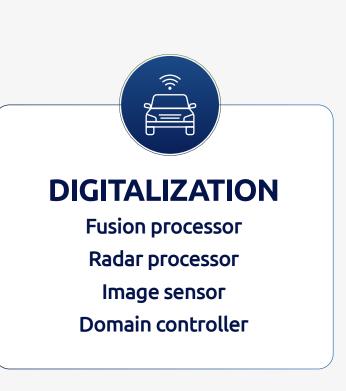
Enabling the transition to cleaner energies will require high power electronics solutions

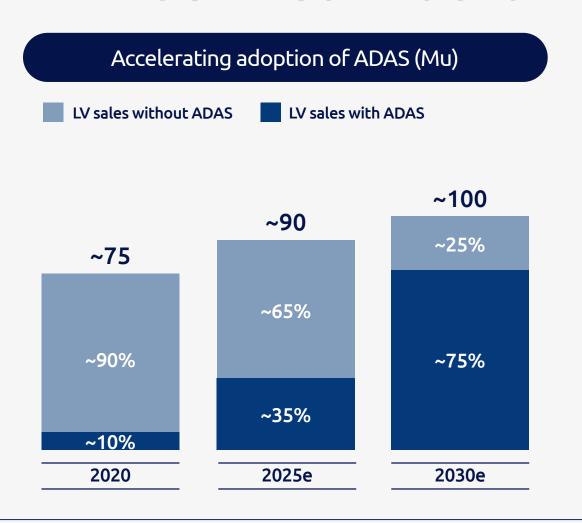


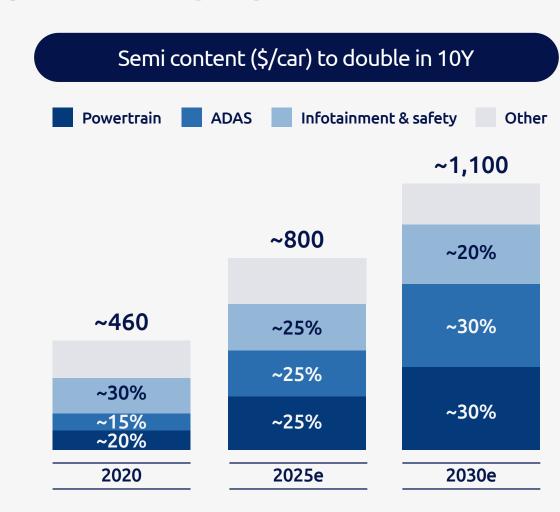
# **AUTOMOTIVE DRIVEN BY 2 ROBUST MEGATRENDS**

### AUTOMOTIVE DIGITALIZATION AND ELECTRIFICATION DRIVING SEMICONDUCTOR CONTENT GROWTH

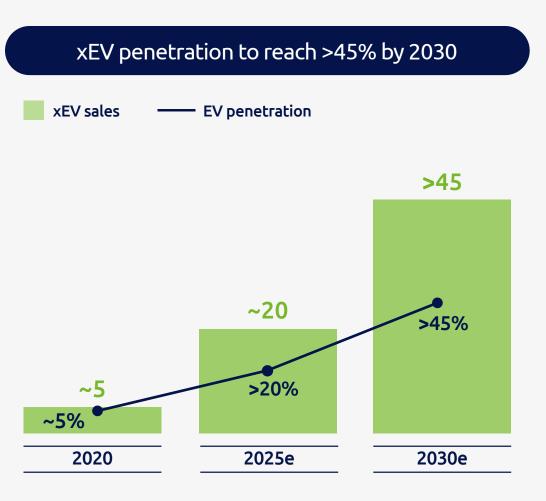


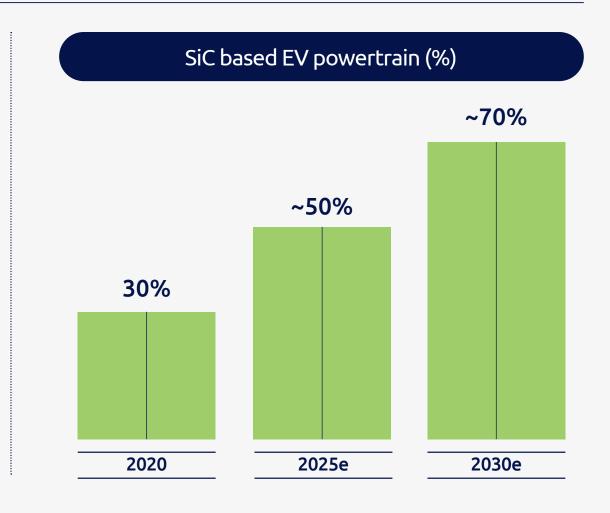












Source: Analysts, Soitec estimates.











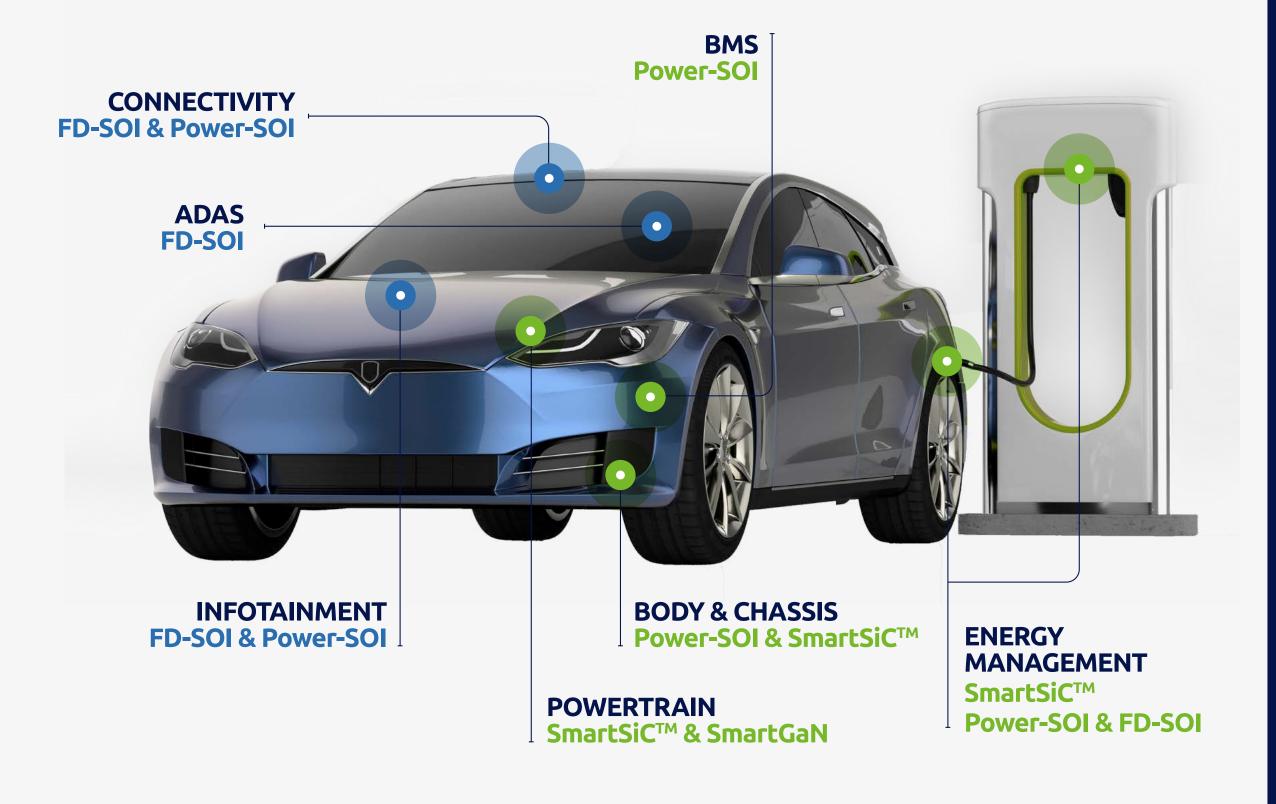






# BRINGING VALUE AT THE DEVICE LEVEL

A COMPREHENSIVE PRODUCT PORTFOLIO TO ENABLE THE AUTOMOTIVE REVOLUTION AND TRANSITION TO RENEWABLE ENERGIES

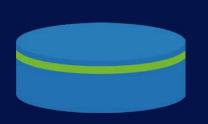


# **POWER-SOI** Enables superior performance over bulk silicon HIGHER ROBUSTNESS, NOISE IMMUNITY AND OPERATING TEMPERATURE

>10% SYSTEM COST REDUCTION & EFFICIENCY IMPROVEMENT

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





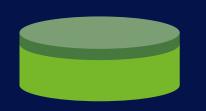
~30% GREENHOUSE GASES EMISSION REDUCTION

~50% HIGHER DETECTION RANGE IN RADARS

~50% DIE SIZE REDUCTION

#### SmartSiC™

A new paradigm for device performance and productivity

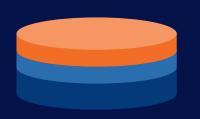


~70% LOWER CO<sub>2</sub> FOOTPRINT THAN STANDARD SIC WAFERS

**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** 













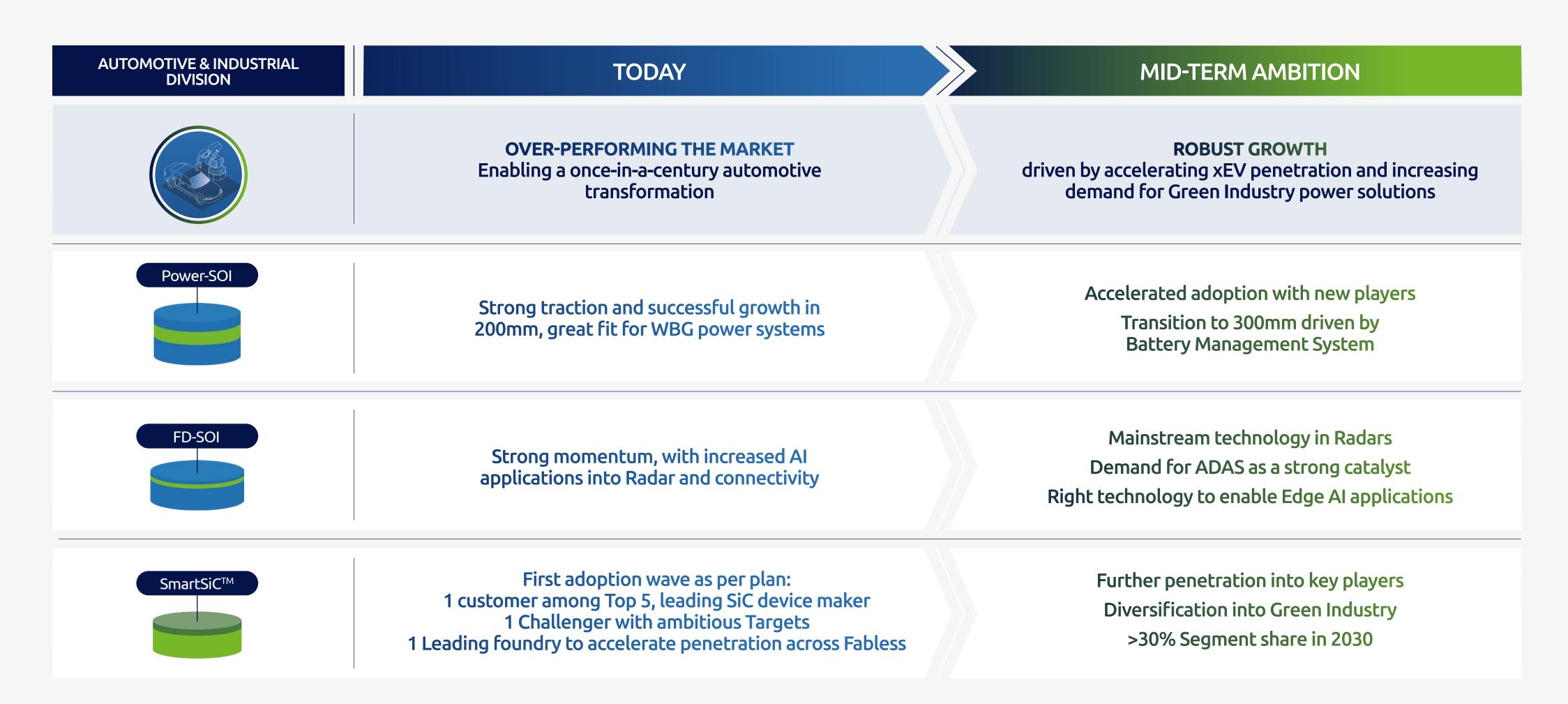








# VISION FOR THE AUTOMOTIVE & INDUSTRIAL DIVISION













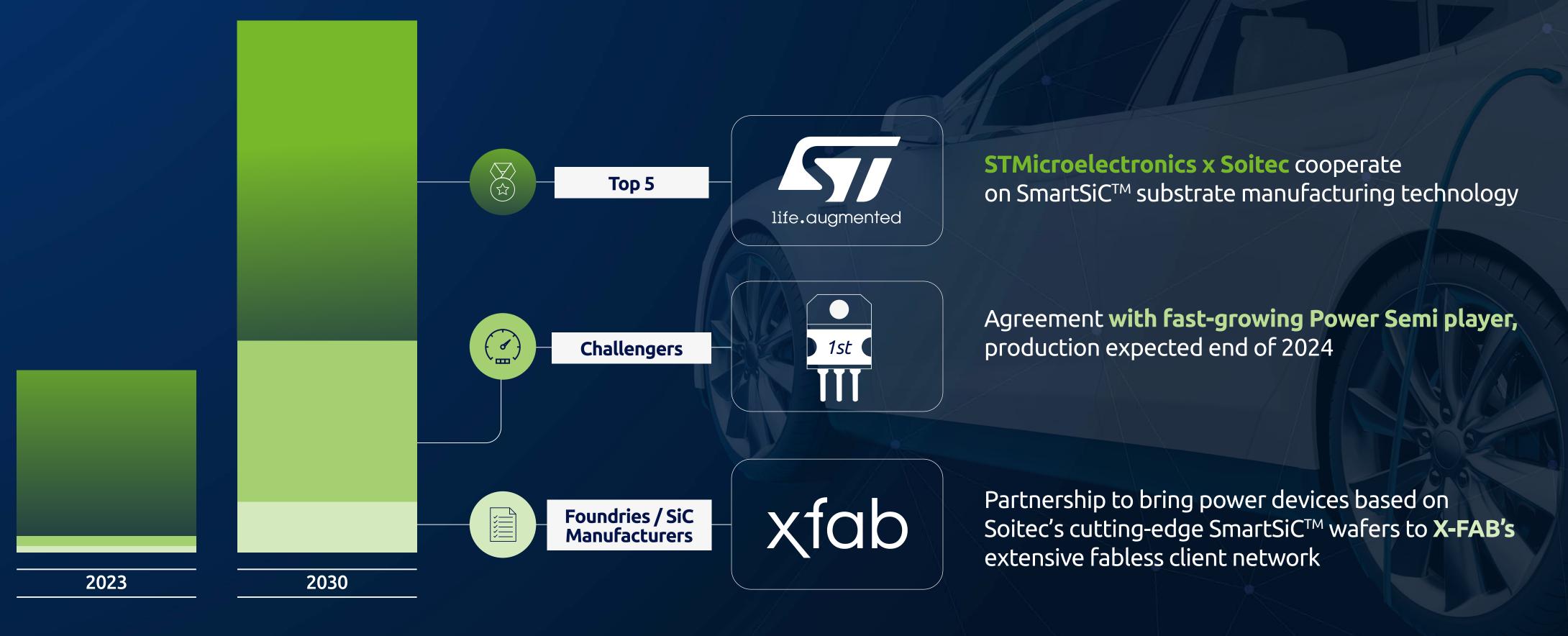






# NEW SMARTSIC<sup>TM</sup> PARTNERSHIP

X-FAB AND SOITEC TO OFFER SMARTSIC<sup>TM</sup> FOR POWER DEVICES MANUFACTURING TO MULTIPLE FABLESS CUSTOMERS INTERNATIONALLY



Box sizes for illustrative purposes.















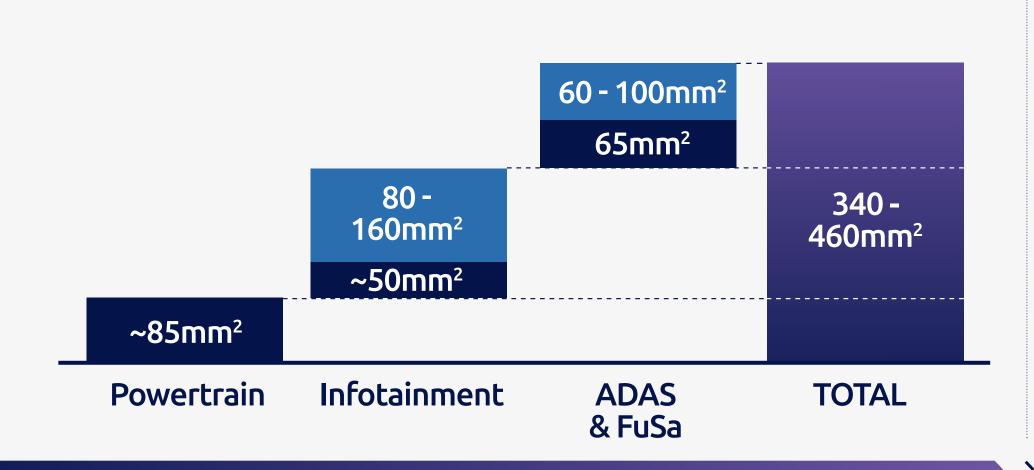


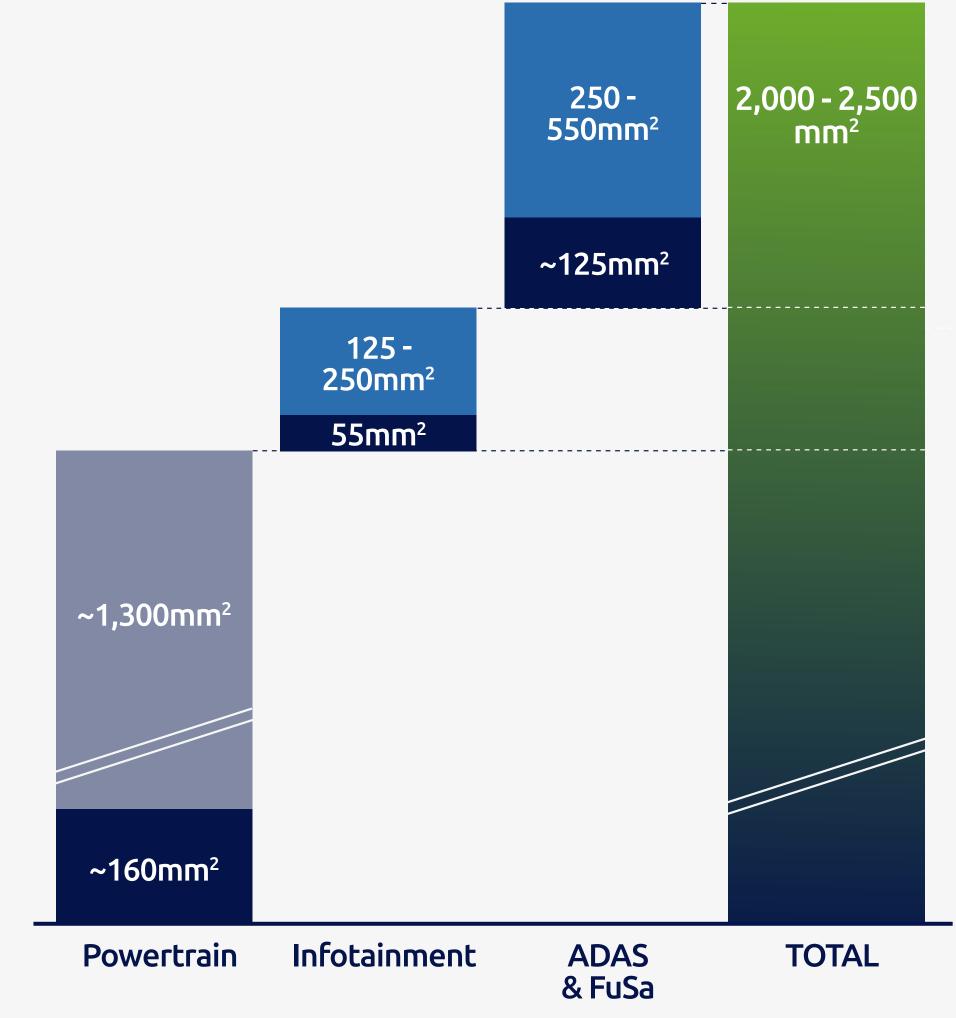


soitec

# **AUTOMOTIVE CONTENT OPPORTUNITY**







**TOWARD FY26** 













**FY21** 







# AUTOMOTIVE & INDUSTRIAL KEY MESSAGES

Powerful megatrends - Automotive Digitalization and Electrification to support sustainable growth

Strong customer intimacy to deliver cutting-edge solutions and increase adoption across the value chain

A comprehensive product portfolio with differentiated value proposition to address market challenges

















# SMART DEVICES

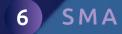
René Jonker







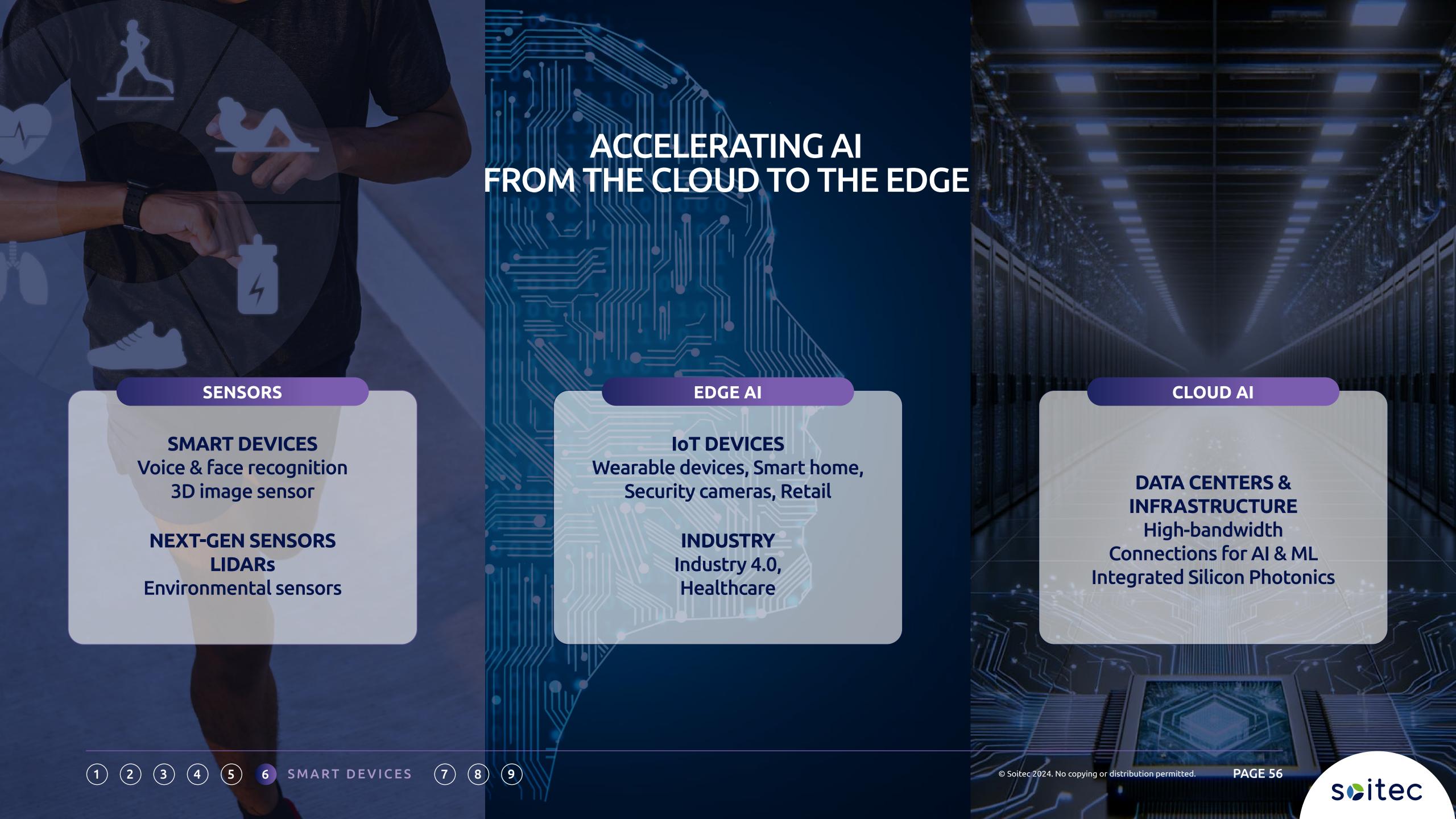






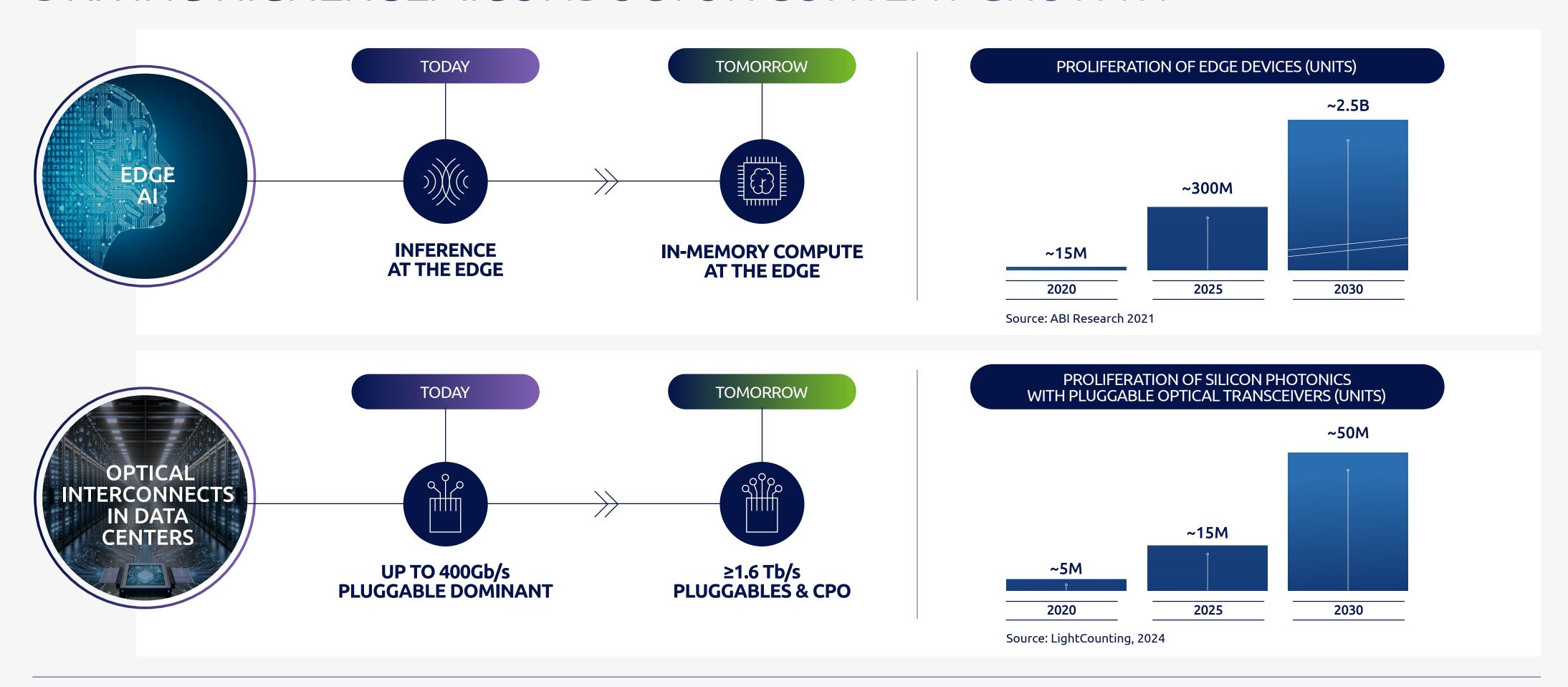






# TRACTION FROM EDGE AI AND OPTICAL INTERCONNECTS

# INCREASING EDGE AI AND HIGH BANDWIDTH CONNECTIVITY IN DATA CENTERS DRIVING HIGHER SEMICONDUCTOR CONTENT GROWTH



















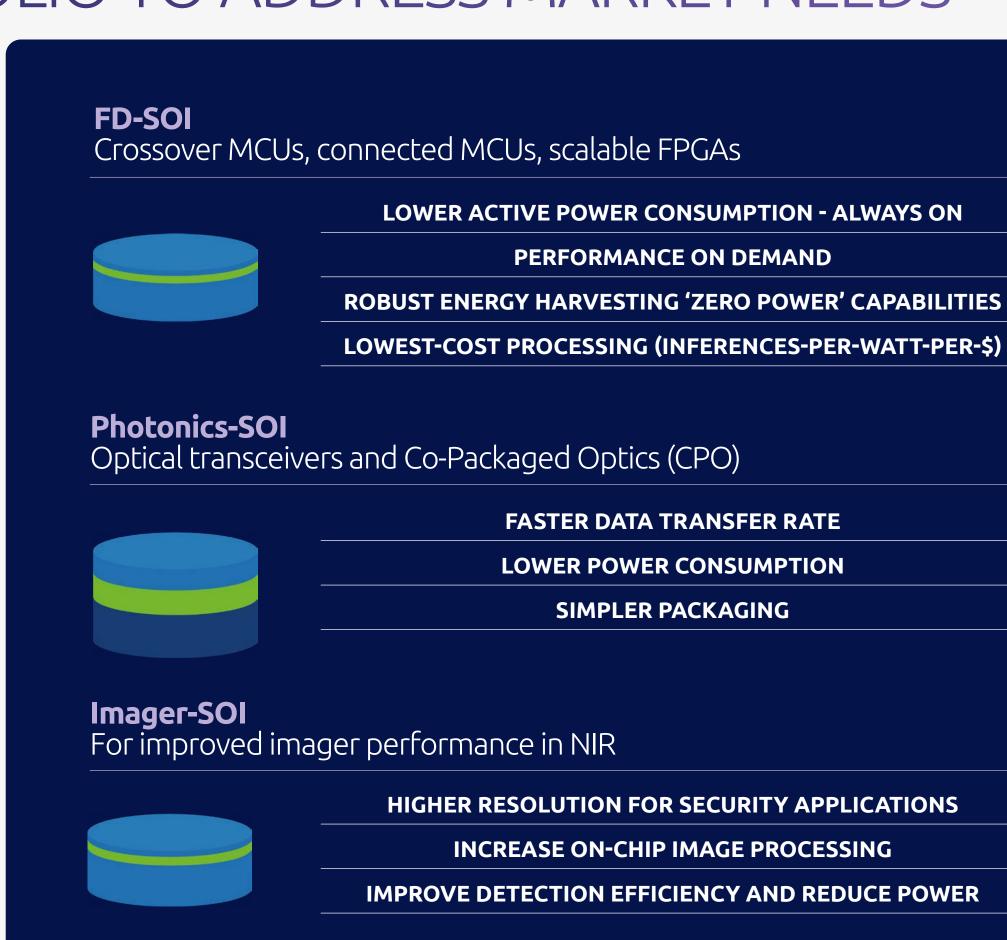
# **CUTTING-EDGE SOLUTIONS FOR EDGE AI AND OPTICAL INTERCONNECTS** A COMPREHENSIVE PRODUCT PORTFOLIO TO ADDRESS MARKET NEEDS

**EDGE AI** 

Extending AI

toward Edge Computing

# **CLOUD AI** High speed integrated connections **ENERGY EFFICIENCY** Sustainably-aware electronics **SENSORS** Mobile Human Machine Interfacing















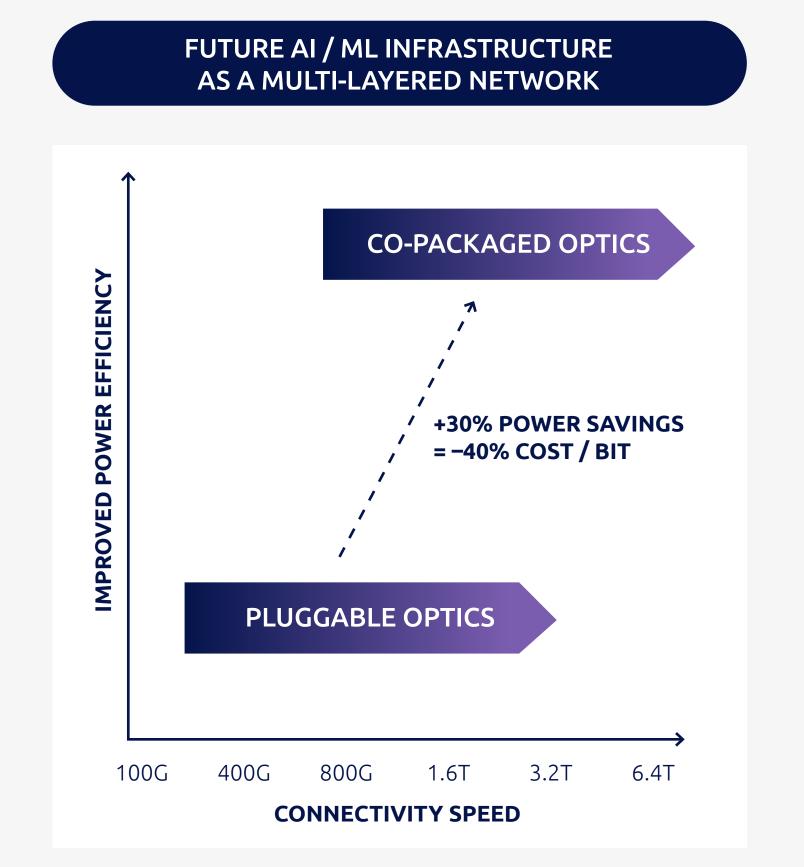






# PHOTONICS-SOI TO SUSTAIN GROWTH IN OPTICAL INTERCONNECTS AI/ML ENABLEMENT AS A NETWORK SOLUTION

# CURRENT AI / ML INFRASTRUCTURE IS BANDWIDTH x DISTANCE LIMITED **WITHIN TODAY DECADE Data Center** Interconnect (DCI) OPTICAL Rack-to-Rack **Board-to-Board** Chip-to-Module ELECTRICAL Chip-to-Chip









Source: Yole & Soitec.

AI/ML











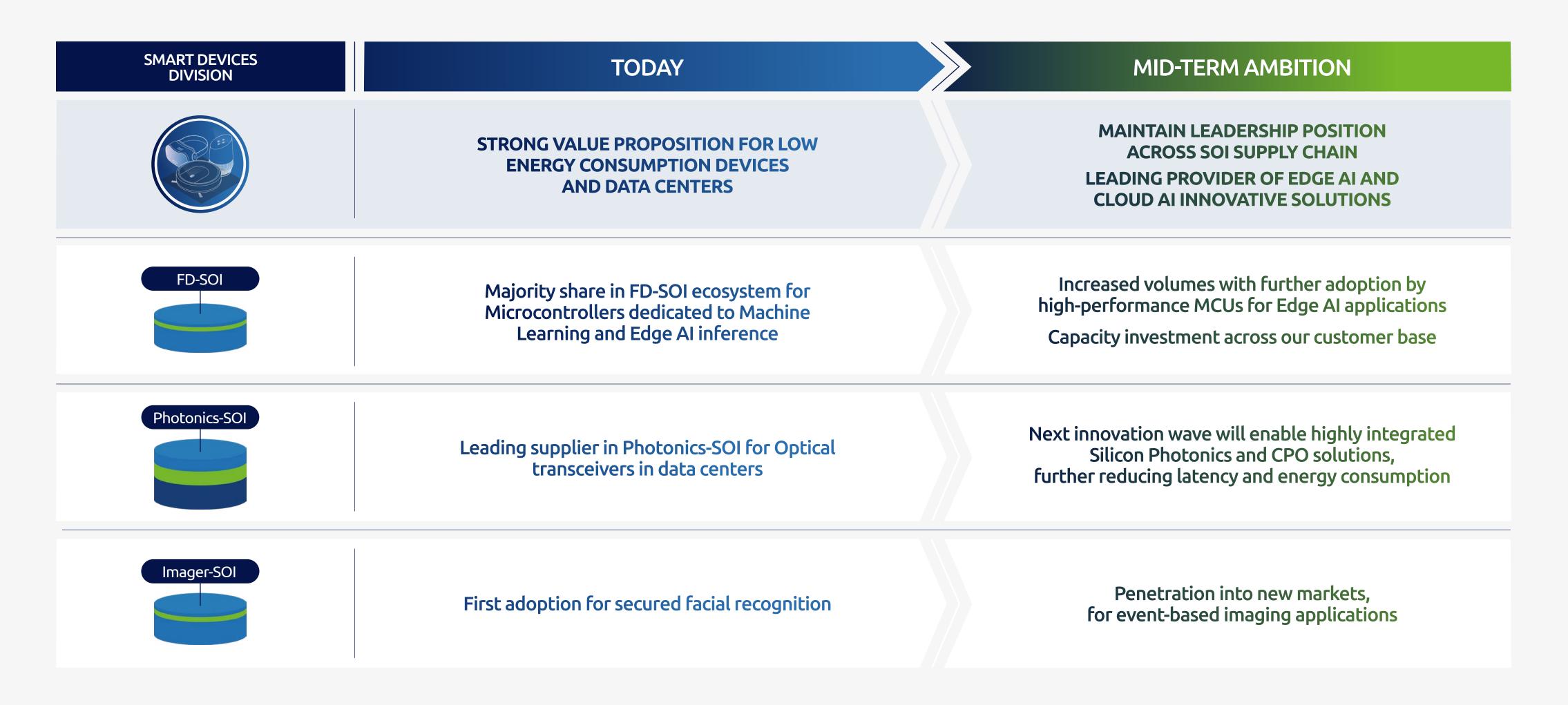








# VISION FOR THE SMART DEVICES DIVISION





















# SMART DEVICES KEY MESSAGES

Edge AI proliferation and Cloud Al computing power capabilities, two powerful megatrends to sustain growth

Strong customer intimacy to co-develop engineered substrates and increase adoption across the value chain

Leveraging a multi-generation catalyst for emerging Edge and Cloud AI

















# OPERATIONS Cyril Menon









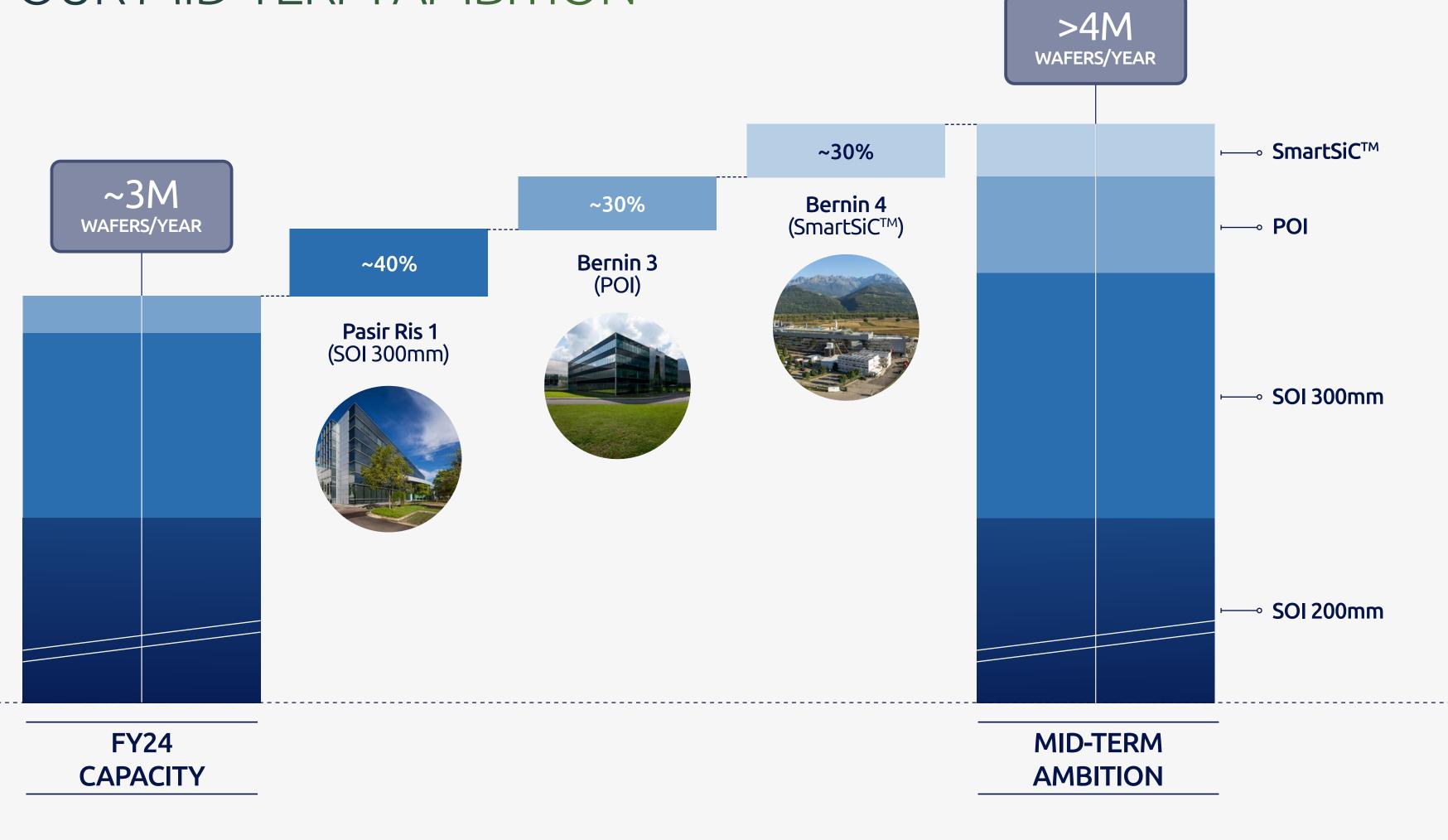








# ~€750M CAPEX TO RAMP UP CAPACITY TO SUPPORT OUR MID-TERM AMBITION













# SETTING UP AN EFFICIENT INDUSTRIAL MODEL SINGAPORE EXTENSION PROJECT ADJUSTED TO CUSTOMER DEMAND



**SOITEC BERNIN 1 - SOI 200 FRANCE** 

**RF-SOI** 

Power-SOI

**Photonics-SOI** 



**SOITEC BERNIN 2 - SOI 300** FRANCE

RF-SOI

Photonics-SOI

FD-SOI Imager-SOI



**SOITEC BERNIN 3 - POI** FRANCE

POI



SOITEC BERNIN 4 - SmartSiC™ **FRANCE** 

**SmartSiCTM** 

300mm Refresh

**HVM Ready** 



**SOITEC PASIR RIS 1 - SOI 300 SINGAPORE** 

**RF-SOI** 

FD-SOI

Refresh

**Photonics-SOI** 



**SOITEC PASIR RIS 1A - SOI 300** SINGAPORE

RF-SOI

**Photonics-SOI** 

Refresh

FD-SOI

PR1A project adjusted to customer demand



**SIMGUI PARTNERSHIP - SOI 200** CHINA

**RF-SOI** 

Power-SOI



**SOITEC BELGIUM - GaN BELGIUM** 

GaN

SOI Wafers

Compound Wafers

#### ~ 1.45 mwpy

200mm SOI capacity reaching limit

- B1: full at 1M
- Simgui: up to 450K

#### $\square$ Up to 2.75 mwpy

300mm SOI capacity target

- **B2:** 750K by end of FY25
- PR1: 1M by end of FY25
- PR1A: up to 1M in line with customer demand

#### **☐ Up to 700 kwpy**

Ramping capacity for POI in B3

## **☐ Up to 500 kwpy**

Ramping capacity for SmartSiC<sup>™</sup> in **B4** First production expected Q3 FY24

## **☐ Up to 60 kwpy**

For Epi capacity in Hasselt



















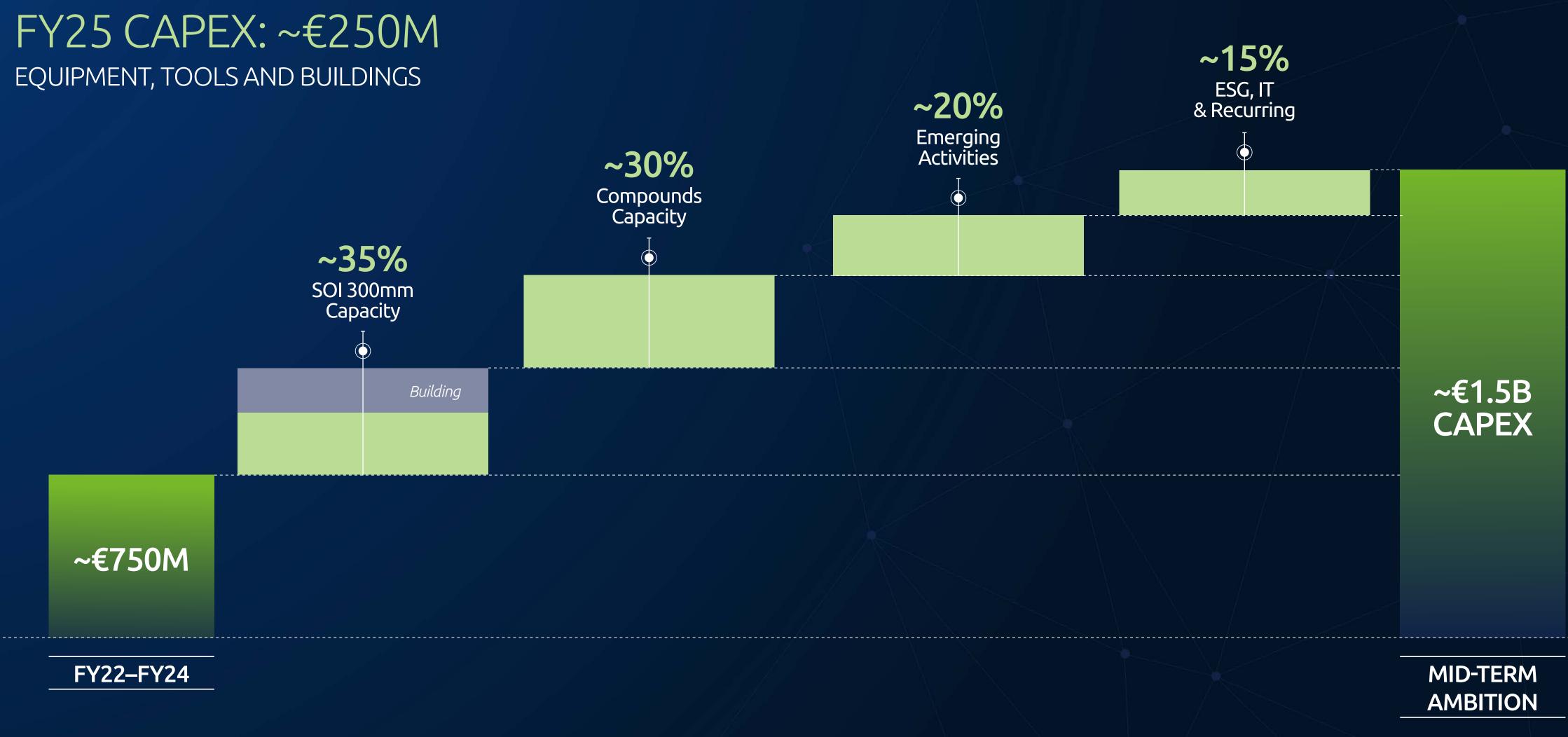








# ~€1.5B CAPEX PLAN SUPPORTS SOITEC MID-TERM AMBITION AND BEYOND







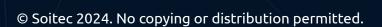








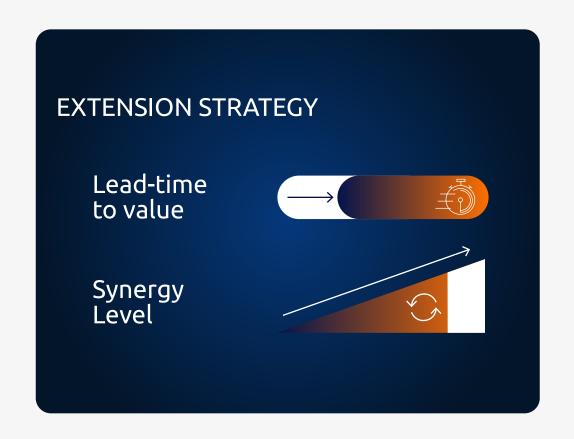


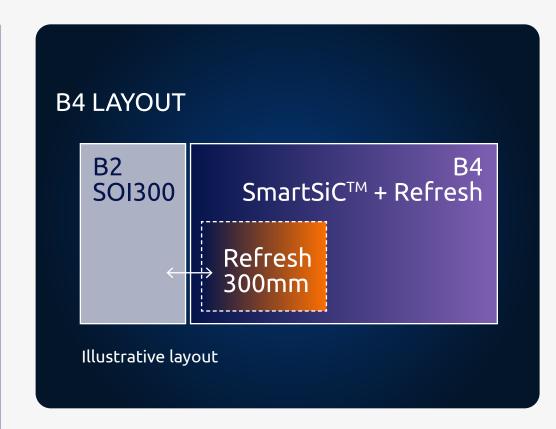


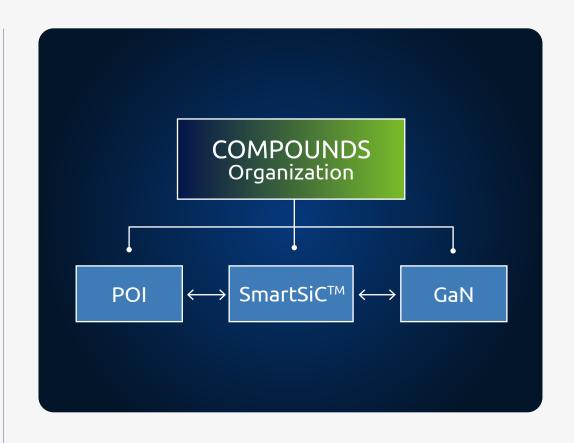


# IMPLEMENTING A STATE-OF-THE-ART MANUFACTURING MODEL

# SYNERGY & MODERNIZATION BY DESIGN









#### **FAB EXTENSIONS**

#### **DELIVERING SYNERGIES & ACCELERATED QUALIFICATION**

- Synergies / Leveraging existing footprint
- Faster qualification

#### **DEPLOYING AGILE FABS**

#### **ENABLING FIXED COST ABSORPTION**

- SmartSiC<sup>™</sup> / 300mm SOI refresh
- Ramp-up designed to absorb fixed costs early stage through refresh / epi

#### **OPTIMIZE COMPOUND ORGANIZATION**

#### **LEVERAGING ASSET SYNERGIES**

- >50% for POI / SmartSiC™ Tools
- ~90% of tools are bridge 150 / 200mm (both POI and SmartSiC™)
- Global Compounds team

#### **FAB MODERNIZATION**

#### **IMPROVING FABS EFFICIENCY**

- Global automation among fabs
- Auto dispatching & scheduling
- Al for visual inspection















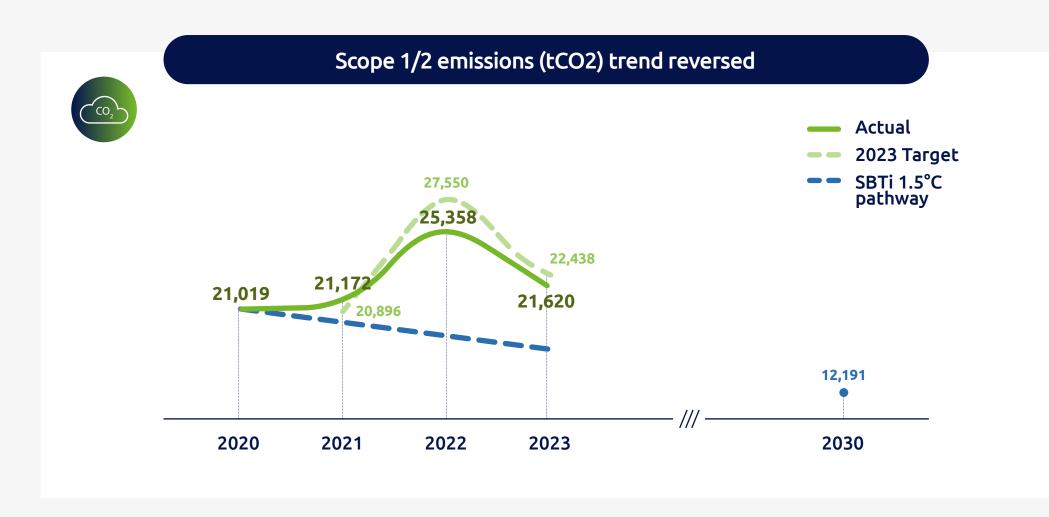


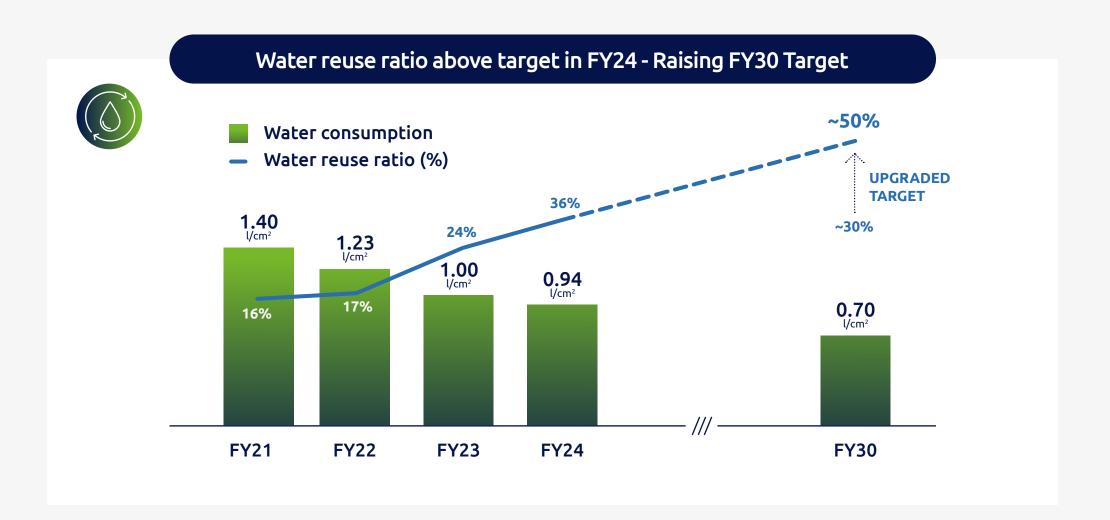


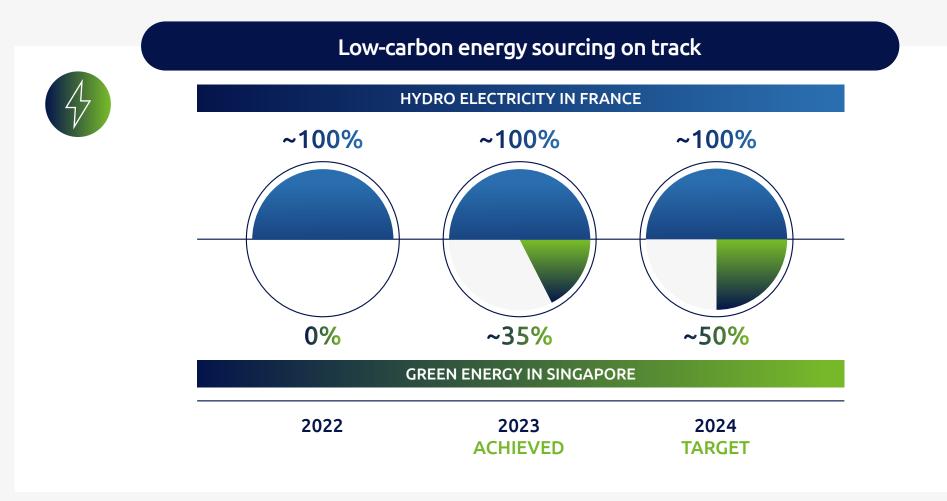


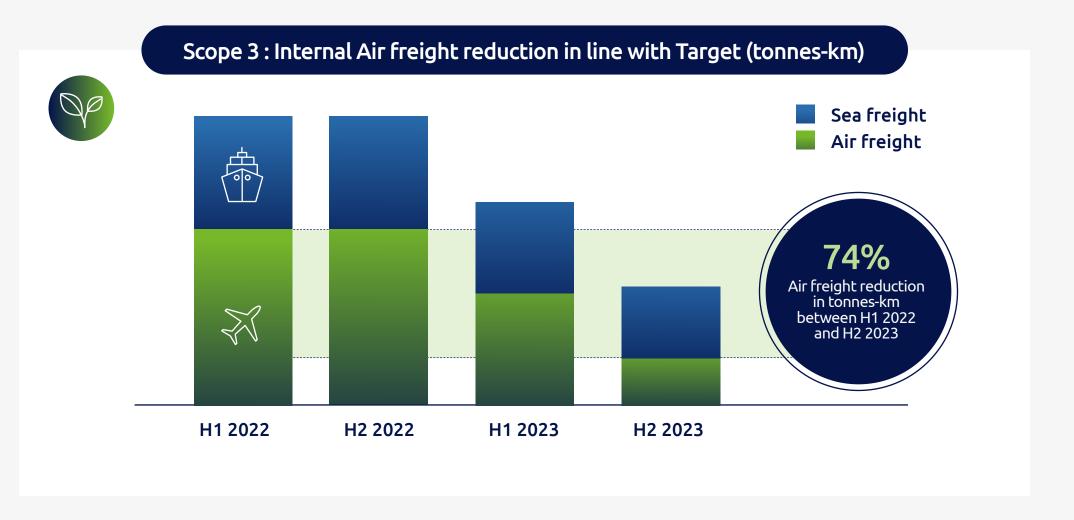


# DEPLOYMENT OF OUR AMBITIOUS ROADMAP TO SUPPORT A SUSTAINABLE GROWTH



























# OPERATIONS KEY MESSAGES

Deploying a scalable industrial model, with agile capacity deployment

Building and driving a sustainable growth model, on track with our ambitious Water and Climate commitments

Delivering our ramp up ambitions relying on a larger ecosystem with new partners and suppliers





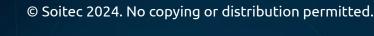














# FINANCE Léa Alzingre



















# FINANCE KEY MESSAGES

Accelerated diversification of our model mitigates the downcycle in Mobile

Managing the transition toward growth recovery

Flexible and agile model secures margin

MID-TERM AMBITION Clear vision toward ~\$2B revenue ~40% EBITDA<sup>(1)</sup> margin

(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.





















s**:**itec

# FY24 FINANCIAL HIGHLIGHTS

P&L

€978M SALES

-10% Y/Y Organic Growth

34.0% EBITDA<sup>(1)</sup> MARGIN

-2pts vs FY23

€178M NET PROFIT

-23% vs FY23

€5.00 EPS

-25% vs FY23

**CASH FLOW** 

€165M OPERATING CASH FLOW

vs €262M in FY23

€276M CAPEX(2)

vs €244M in FY23

-€43M FREE CASH FLOW

vs +€34M in FY23

**BALANCE SHEET** 

€1.5B EQUITY

vs €1.3B end of March 2023

€708M GROSS CASH POSITION

vs €788M end of March 2023

NET DEBT POSITION

vs -€140M end of March 2023

(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. (2) Cash-out related to equipment and capitalized development costs. Capex cash-out including lease-back financed tools and financial interests received amount to €208M.















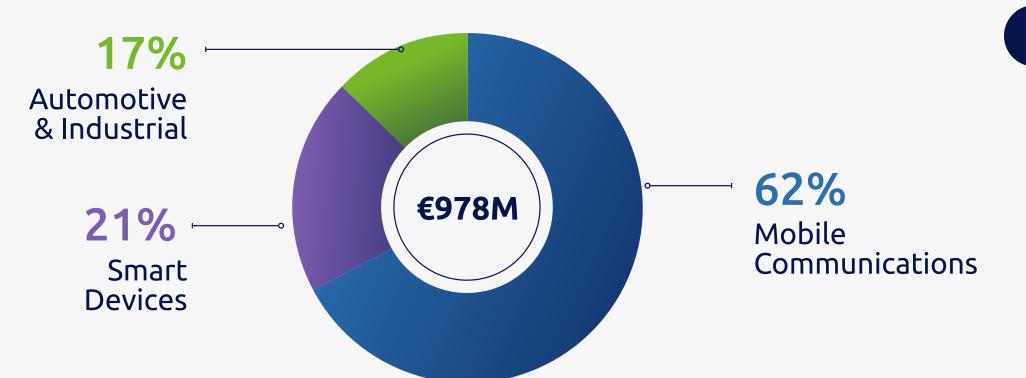








# SMARTPHONE MARKET INVENTORY IMPACTS REVENUE GENERATION



€M	FY24	FY23	% Change as reported	<b>% Change</b> at constant FX and scope
Mobile Communications	611	731	-16%	-16%
Automotive & Industrial	163	141	+16%	+16%
Smart Devices	204	217	-6%	-6%
Revenue	978	1,089	-10%	-10%

#### **MOBILE COMMUNICATIONS**

- Lower RF-SOI revenue driven by smartphone market slowdown and high level of inventory at direct customers
- Strong growth in POI sales with higher volumes from both existing and new customers
- Higher FD-SOI revenue, designed to equip front end modules integrated in both 5G Sub-6 GHz and 5G mmWave smartphones

#### **AUTOMOTIVE & INDUSTRIAL**

- Demand driven by the rise in semiconductor content embedded in last generation of vehicles
- Sharp growth in FD-SOI and in Power-SOI
- Increase of SmartSiC<sup>™</sup> revenue

#### **SMART DEVICES**

- Demand driven by more complex sensors, higher connectivity functionalities and embedded intelligence
- Photonics-SOI sales impacted by challenging environment for data centers
- Sharp growth in FD-SOI for IoT and Edge computing devices

















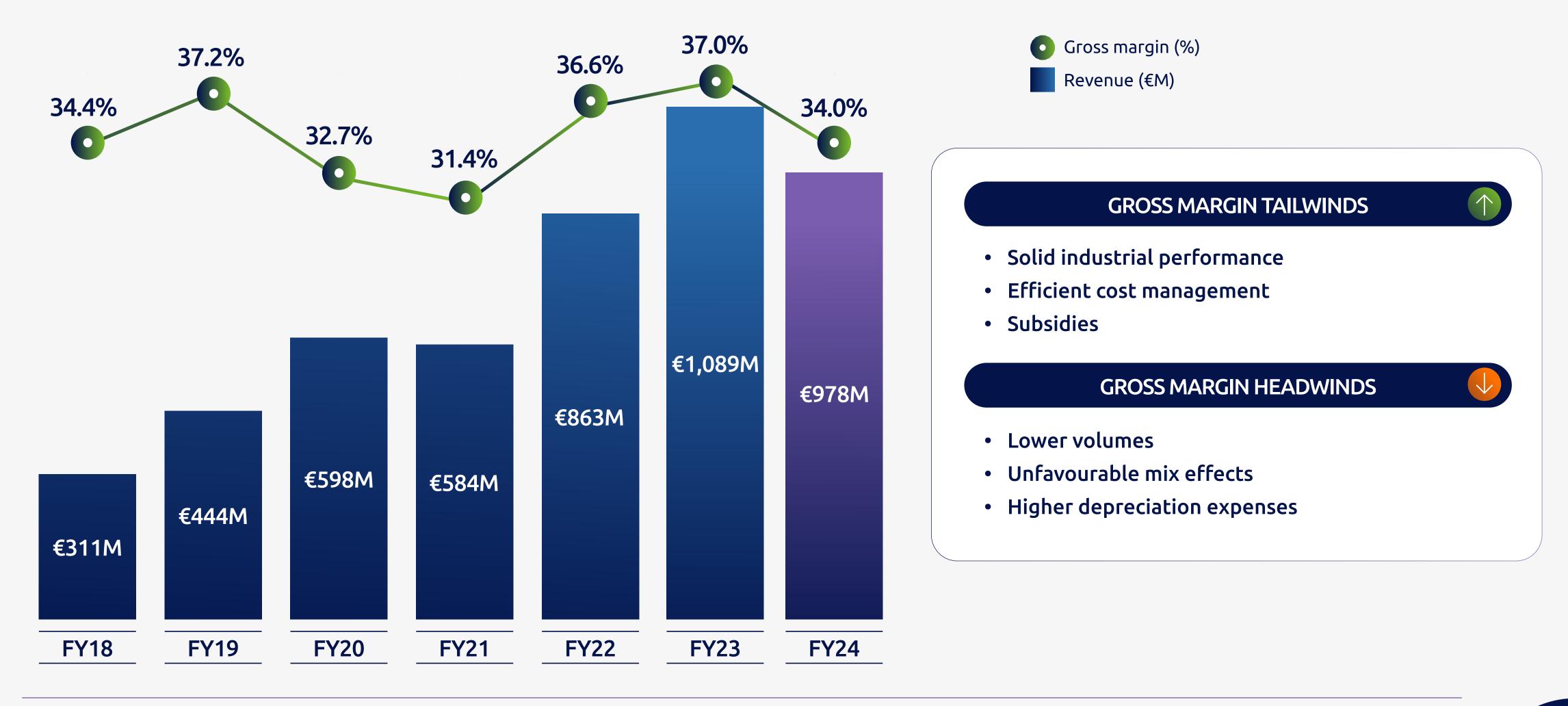








## ROBUST GROSS MARGIN AT 34% IN THE CONTEXT OF LOWER VOLUMES















# **CURRENT OPERATING INCOME AT 21.3% OF THE REVENUE** WITH SUSTAINED INVESTMENT IN R&D

€M	FY24	FY23	Change
Revenue	978	1,089	-10%
Gross profit	332	402	-17%
as a % of revenue	34.0%	37.0%	
Gross R&D expenses before capitalization	(137)	(123)	+12%
as a % of revenue	14.0%	11.3%	
- Gross R&D expenses after capitalization	(106)	(95)	+12%
- Subsidies, income tax credit and other revenue	45	30	+49%
Net R&D expenses	(61)	(64)	-5%
as a % of revenue	6.3%	5.9%	
SG&A expenses	(63)	(71)	-12%
as a % of revenue	6.4%	6.5%	
Current operating income	208	267	-22%
as a % of revenue	21.3%	24.5%	
EBITDA	332	391	-15%
as a % of revenue	34.0%	36.0%	

#### Current operating margin decrease from 24.5% to 21.3% of revenue

#### Sustained investment in R&D:

- Gross R&D expenses before capitalization increased by €15M to €137M, representing 14% of revenue
- Net R&D expenses decreased by 5%
- Increase in subsidies (mainly IPCEI MECT)

#### SG&A expenses down to 6.4% of revenue

- Cost management, higher labor costs offset by non-recurring effect and decrease in compensation items
- Investment in IT Infrastructure: digitalization and automation

EBITDA at 34%























# NET PROFIT AT 18.2% OF REVENUE

1 2 3 4 5 6 7 8 FINANCE 9

€M	FY24	FY23	Change
Current operating income	208	267	-22%
- Other operating income and expenses	(3)	0	
Operating income	205	268	-23%
- Financial expenses	(6)	(10)	
- Net foreign exchange gain	1	1	
Net financial result	(5)	(10)	
- Income tax	(23)	(26)	
Net profit from continuing operations	178	232	-23%
- Net profit / (loss) from discontinued operations	0	1	
Net profit (Group share)	178	233	-23%
- Basic EPS (in €)	5.00	6.63	-25%
- Diluted EPS (in €)	4.88	6.41	-24%
Number of shares (in millions)	35.7	35.1	
Number of diluted shares (in millions)	37.7	37.2	

# Net financial result at -€5M vs -€10M in FY23

 Positive effect of interests income related to cash investments fully offset interest expenses

# Effective income tax rate at 11% of pre-tax profit (10% in FY23)

Mostly benefiting from tax loss carryforward



### FREE CASH FLOW REFLECTS SEASONALITY AND INVESTMENTS IN MID-TERM GROWTH

€M	FY24	FY23
Operating income	205	268
- Depreciation and amortization	126	106
- Other items	1	18
EBITDA <sup>(1)</sup>	332	391
Change in working capital	(142)	(96)
- Incl. inventories	(19)	(36)
- Incl. trade receivables	(94)	(112)
- Incl. trade payables	(45)	40
- Incl. others	17	11
Tax paid	(25)	(32)
Net cash generated by operating activities	165	262
- Purchases of intangible assets	(48)	(42)
- Purchases of property, plant and equipment	(177)	(186)
- Others	17	(1)
Net cash used in Investing activities	(208)	(228)
Free Cash Flow	(43)	34

#### **OPERATING CASH FLOW AT €165M**

Reflects lower EBITDA and higher increase in working capital requirement

#### €142M negative change in working capital

- Inventories increase due to changes in demand in H2'24
- Increase in receivables explained by the seasonality of the revenue with very high Q4'24 / March month and by customer mix
- Non-recurring downpayment to secure new suppliers (€40M)

Effective income tax rate at 11% of pre-tax profit (10% in FY23)

#### FREE CASH FLOW AT -€43M VS €34M IN FY23

#### €208M in investing activities including mainly

- €227M related to capacity investments in SOI, SiC and POI both in Bernin & Singapore (€177M net of €51M leasings effect)
- €31M in capitalized R&D (mainly SmartSiC<sup>TM</sup>)

(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.













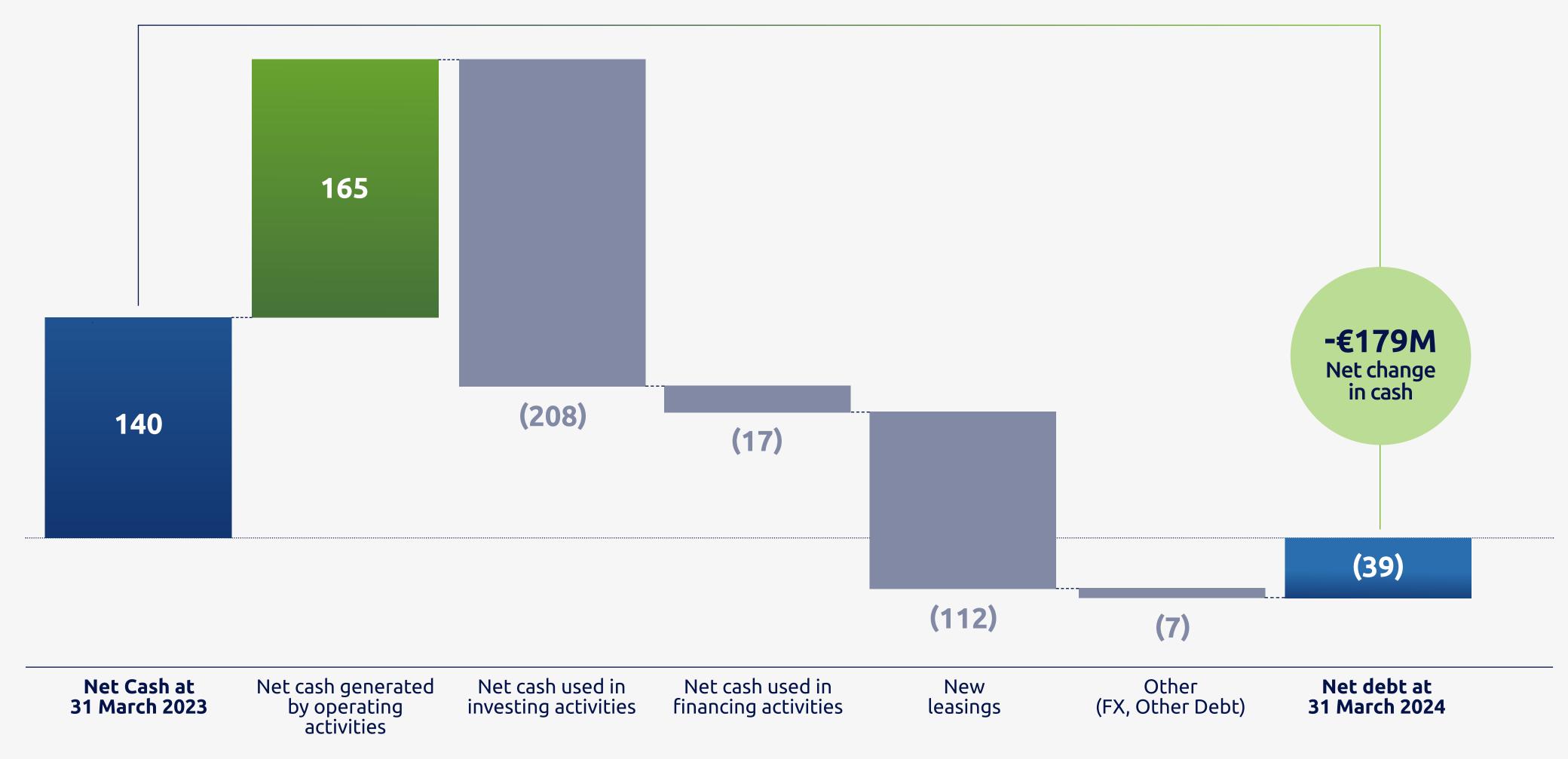








## MODERATE NET DEBT POSITION



Cash inflows and outflows from continuing operations (cash outflow related to discontinued operations was close to zero).



















# **VERY SOUND BALANCE SHEET MAINTAINED**

<b>ASSETS</b> - in €M	31 March 2024	31 March 2023
Intangible assets	156	128
Tangible assets	913	705
Other non-current assets	89	84
Deferred tax assets	62	67
Total non-current assets	1,220	985
Inventories	209	175
Trade receivables	448	363
Other current assets	107	109
Cash and cash equivalents	708	788
Total current assets	1,472	1,435
Total assets	2,692	2,420

<b>LIABILITIES AND EQUITY</b> - in €M	31 March 2024	31 March 2023
Total equity	1,495	1,306
Long-term financial debt	669	578
Provisions and other non-current liabilities	79	80
Total non-current liabilities	748	659
Short-term financial debt	78	69
Trade payables	169	171
Other current liabilities	202	216
Total current liabilities	449	456
Total liabilities and equity	2,692	2,420

#### €207M net increase in tangible assets includes investments related to:

- Further capacity investment in 300mm SOI facility
- Capacity investment in Bernin (SiC, SOI and POI)
- Capacity extension in Singapore, and Bernin 4 finalization
- New leases contracts for equipment and toolings

#### Financial debt mainly reflects:

- €322M convertible bond OCEANE 2025
- €59M of Bernin 4 lease financing
- €98M loans for tools in Singapore (+€35M over FY24)
- €149M CDC loan
- €85M leases contracts (+€49M over FY24)





















© Soitec 2024. No copying or distribution permitted.

# **VERY HEALTHY FINANCIAL** STRUCTURE AHEAD OF **FUTURE GROWTH PLANS**



























# FY25 OUTLOOK

#### **STABLE REVENUE EXPECTED ON AN ORGANIC BASIS**

#### **FY25 REVENUE EXPECTED FLAT Y/Y BEFORE RESUMING GROWTH TRAJECTORY**

- Progressive smartphone market recovery with strong inventory correction expected to weigh on Mobile communications, especially in H1'25
- Continuous demand anticipated in both Automotive & Industrial and Smart devices
- H1'25 revenue expected to decline by around 15% on an organic basis

#### EBITDA MARGIN<sup>(1)</sup> **EXPECTED AT ~35%**

#### PROFITABILITY IMPROVED THROUGH STRICT COST CONTROL

- Strong cost control
- Positive product / customer mix
- Continued investment in R&D
- Revenue timing over the year will request tight production management
- €/\$: 1.10 (around 50% of net exposure hedged around 1.10)

#### **CAPITAL EXPENDITURE EXPECTED AT ~€250M**

#### **CAPACITY INVESTMENTS TO SUPPORT STRONG GROWTH BEYOND FY25**

- Capacity expansion:
- 300mm tools in Singapore
- POI ramp up
- SmartSiC™ tools (150mm and 200mm)
- Ongoing investments in Innovation (including) capitalized R&D) Sustainability (reuse and treatment water), IT & Automation

(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.





















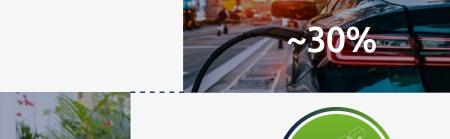


so itec

# A CLEAR VISION TOWARD ~\$2B REVENUE LEVERAGING STRONG GROWTH ACROSS OUR 3 END MARKETS

~\$2B **REVENUE** 

As previously communicated, no more guidance will be given beyond yearly guidance





**DEVICES** 

~25%

~20%



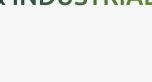
**AUTOMOTIVE** & INDUSTRIAL



\$1.1B

**REVENUE** 

**MOBILE COMMUNICATIONS** 



~55%



62%

**MID-TERM AMBITION** 













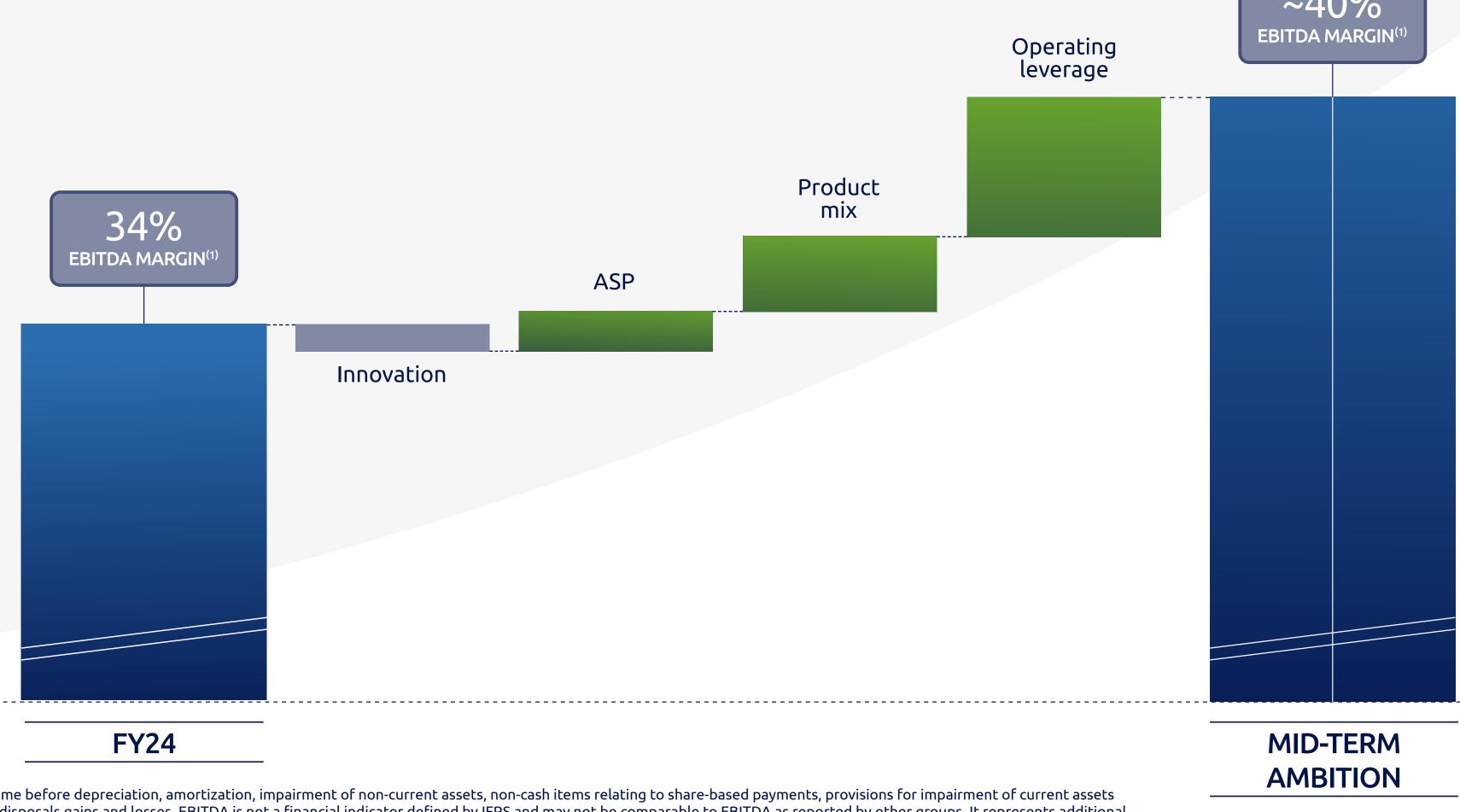






## A CLEAR VISION TOWARD ~40% EBITDA MARGIN

#### **EBITDA MARGIN IMPROVEMENT DRIVERS** (@1.10€/\$)



(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.











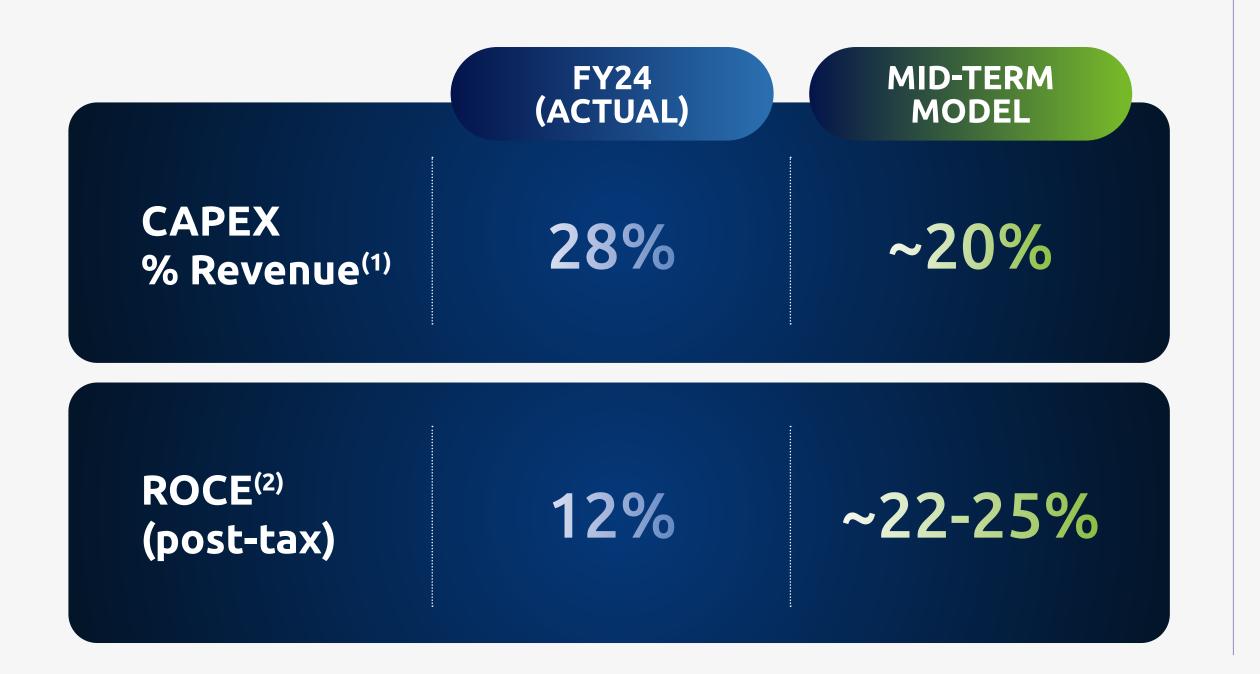








# MID-TERM FINANCIAL MODEL WRAP-UP



#### **ADDITIONAL** ~€750M CAPEX TO SUPPORT SOITEC'S GROWTH PLAN

#### Operating cash flow will finance CAPEX

 Strong working capital monitoring with a target around 35% of revenue in average

#### Strong mid-term ROCE growth

- FY25 ROCE still impacted by this transition period
- Mid-term objective to reflect earnings growth

#### Financing

- OCEANE 25 convertible bond
- Loans at variable rate hedged through cap

<sup>(2)</sup> Post-tax ROCE: EBIT after tax / (non current assets + working capital).





















<sup>(1)</sup> Excluding Buildings.

# FINANCE KEY MESSAGES

Preparing for reacceleration beyond FY25 transition year

Optimized investment cycle from FY24 to mid-term horizon to secure growth expansion

Strong acceleration for value creation with EBITDA improvement



















# 84

# CEO WRAP-UP Pierre Barnabé

















# WRAP-UP

FY24 results reflect ongoing inventory correction in the smartphone supply chain

Strengthening our sustainable value creation model

MID-TERM AMBITION Clear vision toward ~\$2B revenue ~40% EBITDA<sup>(1)</sup> margin

(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

soitec