

CAPITAL MARKETS DAY 2023

EXPANDING OUR SUSTAINABLE VALUE CREATION AMBITIONS

Paris | June 8th, 2023

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 2021-2022 Universal Registration Document (which notably includes the 2021-2022 Annual Financial Report) which was filed on June 20, 2022 with the French stock market authority (Autorité des Marchés Financiers, or AMF) under number D.22-0523 as well as in the Company's FY23 halfyear report released on November 23rd, 2022. The French versions of the 2021-2022 Universal Registration Document and of the half-year report, together with English courtesy translations for information purposes of both documents 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 of the Company's 2021-2022 Universal Registration Document.

This document contains summary information and should be read in conjunction with the 2021-2022 Universal Registration Document and the FY23 half-year report.

This document contains certain forward-looking statements concerning Soitec. In some cases, you can identify these forwardlooking statements by forwardlooking words, such as "estimate", "expect", "anticipate", "project", "plan", "intend", "objective", "believe", "forecast", "guidance", "outlook", "foresee", "likely", "may", "should", "goal", "target", "might", "will", "could", "predict", "continue", "convinced" and "confident," the negative or plural of these words and other comparable terminology. These forward-looking statements include, but are not limited to, predictions of the Company's future prospects, activities, operations, direction, performance, results and strategy of Soitec 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 of the Company's 2021-2022 Universal Registration Document may have an impact on these forward-looking statements (the current version of which is available on www.soitec.com). In addition, the future consequences of geopolitical conflicts, in particular the Ukraine / Russia situation, as well as rising inflation, may result in greater impacts than currently anticipated in these forward-looking statements.

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. In addition, the occurrence of any of the risks described in Chapter 2.1 of the Company's 2021-2022 Universal Registration Document may have an impact on these forward looking statements.

The definition of EBITDA is detailed in the Company's 2021-2022 Universal Registration 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. Due to rounding, the sum of values presented in this presentation may differ from totals as reported. Such differences are not material.



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

Michael Reiha

Q&A #1 BREAK

#07
OPERATIONS

Cyril Menon

#08 **FINANCE**

Léa Alzingre

Q&A #2

#09

CEO WRAP-UP

Pierre Barnabé



CEO VISION

Pierre Barnabé



CEO KEY MESSAGES



Technology megatrends to fuel MASSIVE DEMAND for semiconductors and increased adoption of ENGINEERED **SUBSTRATES**



Deploying our sustainable value creation model to STRENGTHEN **OUR GLOBAL LEADERSHIP** in engineered substrates



FY26 REVENUE / EBITDA **OBJECTIVES ON TRACK** x2 EBITDA in 3 years

BEYOND FY26 EXPAND our sustainable value creation ambitions











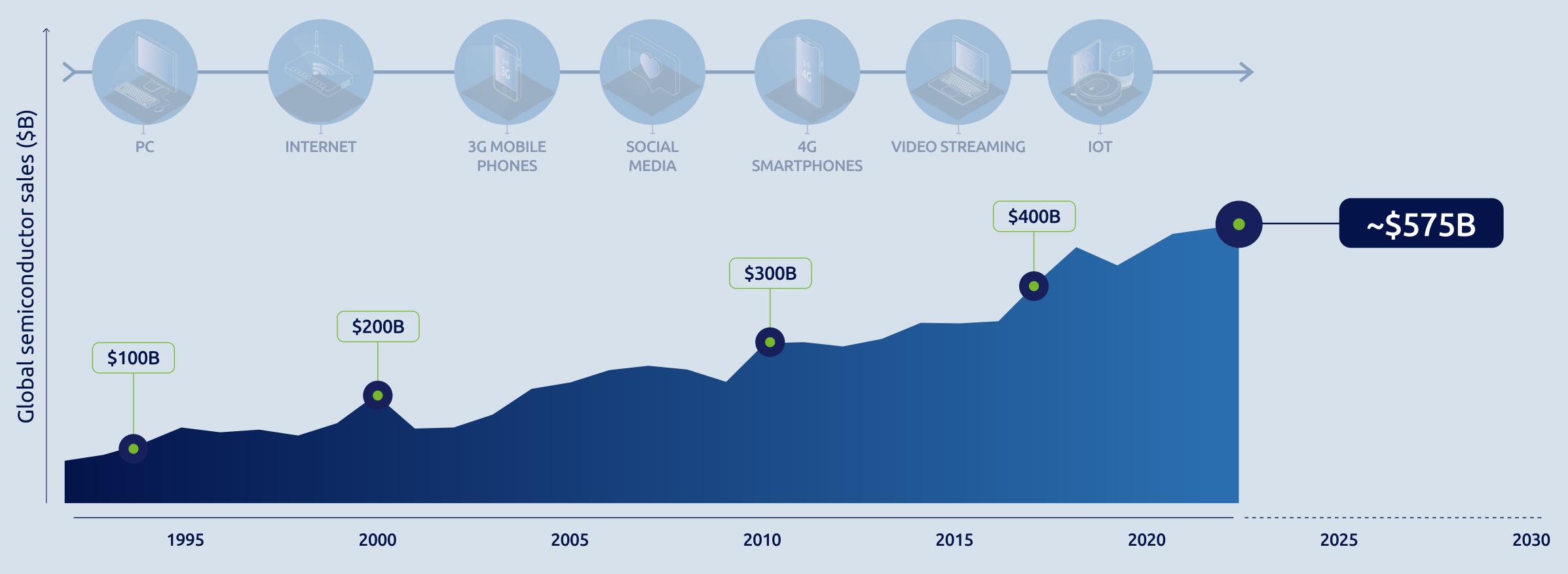






Technology megatrends to fuel massive demand for semiconductors and increased adoption of engineered substrates

SEMICONDUCTORS HAVE TRANSFORMED THE WORLD WE LIVE IN



Source: SIA, IBS

















GLOBAL SHIFTS CREATE

CHALLENGES AND OPPORTUNITIES

FOR SEMICONDUCTORS



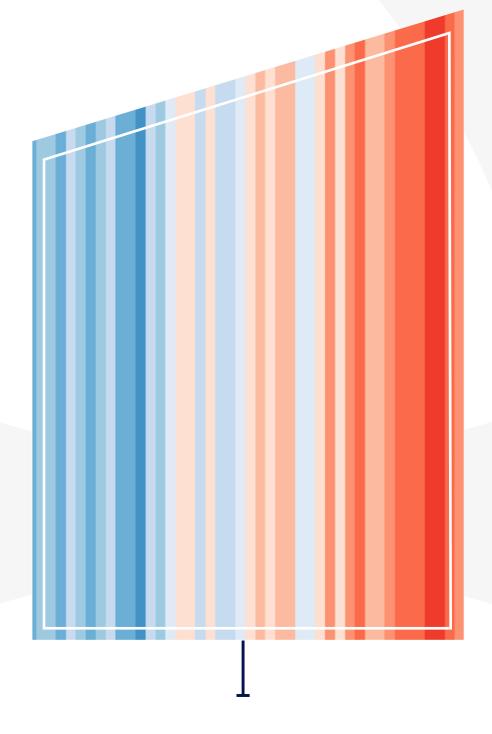
MACRO VOLATILITY

Active Management



GEOPOLITICAL TENSIONS

Leverage global footprint to address customers worldwide



ENVIRONMENTAL CHALLENGES

Deliver industry leading solutions to build energy efficient chips and devices

Image credit: Warming stripes data visualisation created by professor and climatologist Ed Hawkins





OPPORTUNITIES

FOR SOITEC



















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SEMICONDUCTOR MEGATRENDS







ARTIFICIAL INTELLIGENCE



5G



INDUSTRY 4.0



EDGE COMPUTING



WORK & LEARN FROM HOME



HEALTHCARE



SMART HOMES & SMART CITIES



AR/VR/MR

1995

2000

2005

2010

\$100B



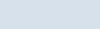












2015

2020

2025

2030

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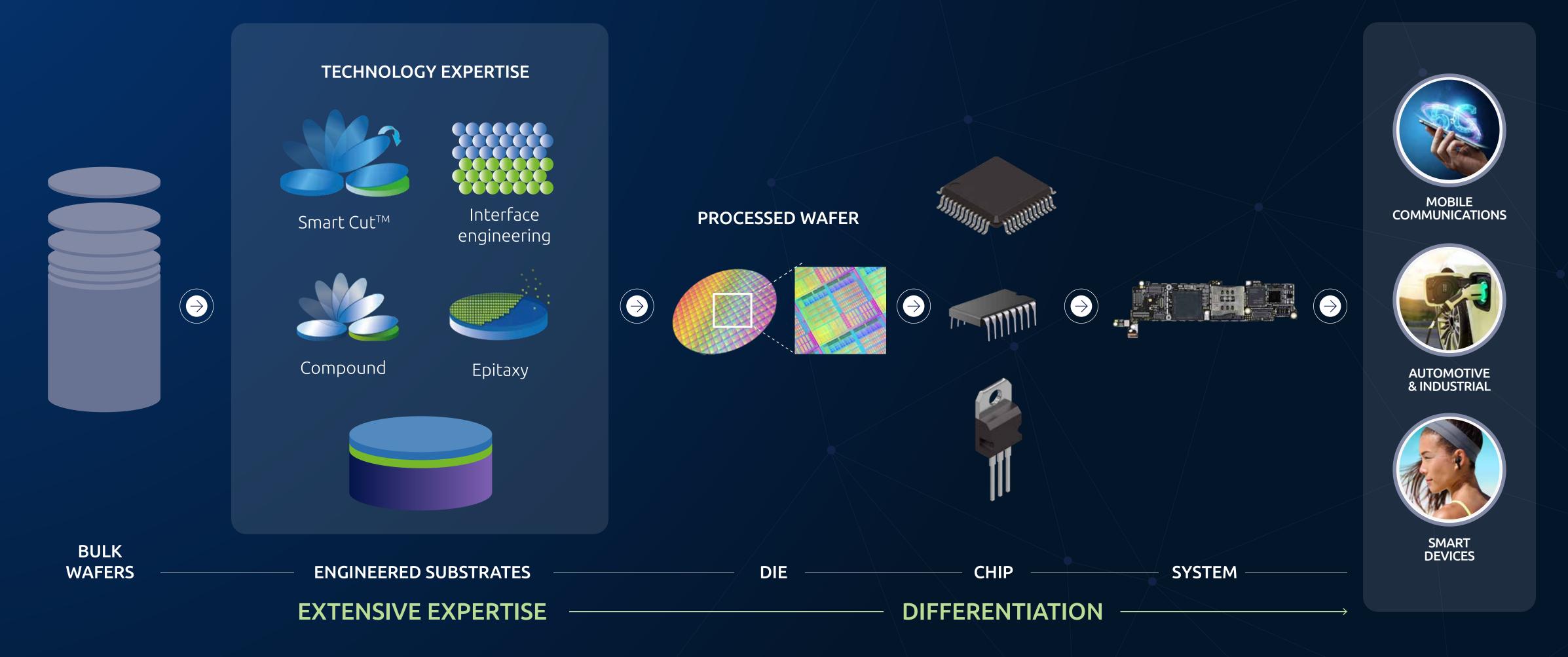






2030

ENGINEERED SUBSTRATES ARE A CRITICAL COMPONENT OF THE SEMICONDUCTOR INDUSTRY



















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

SmartGaN

InP

Power-GaN

New materials

RF-GaN SmartSiCTM

POI

Photonics-SOI

Imager-SOI

Power-SOI

FD-SOI

RF-SOI

EXPANDING INTO COMPOUND SEMICONDUCTORS

PREPARING

EXPANSION

BEYOND

STRENGTHENING SOI LEADERSHIP

+ LICENSING / PATENT MONETIZATION

















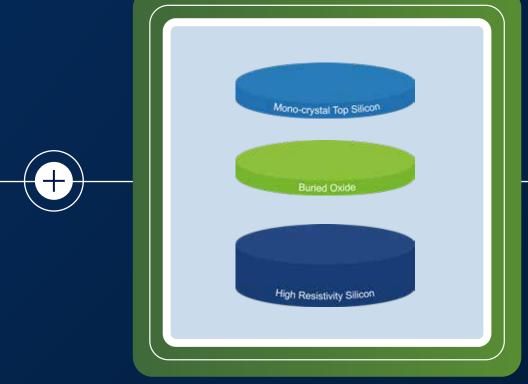




3 POWERFUL ENGINES TO DRIVE SOITEC ADDRESSABLE MARKET EXPANSION BY 2030







INCREASING ADOPTION OF ENGINEERED SUBSTRATES



SOITEC EXPANDING PRODUCT AND TECHNOLOGY PORTFOLIO











Source: Yole, SEMI, Soitec estimates









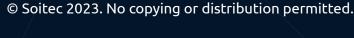










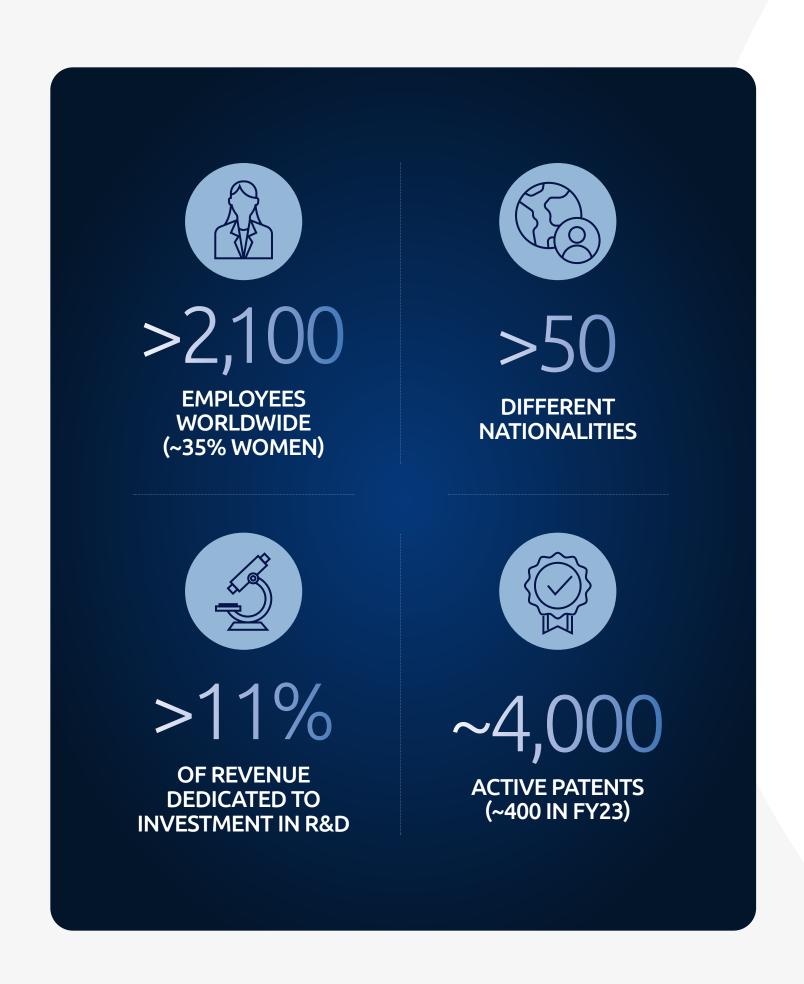


Deploying our sustainable value creation model to strengthen our global leadership in engineered substrates



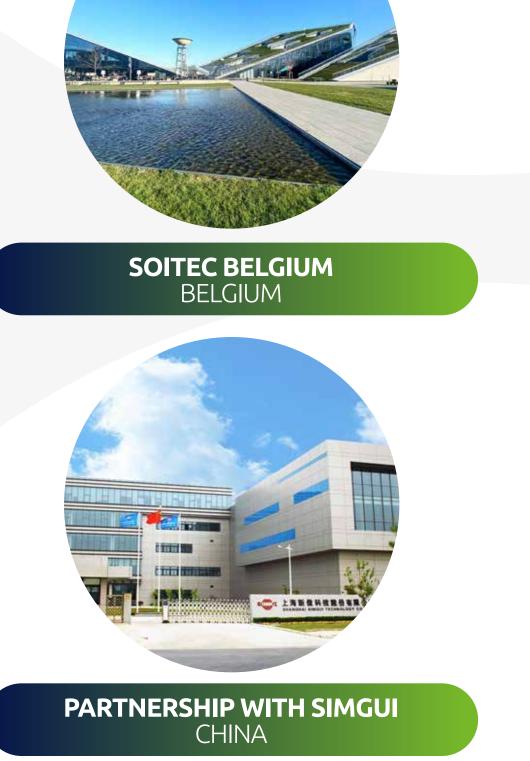
SOITEC IS A GLOBAL LEADER IN ENGINEERED SUBSTRATES

EXPLORING NEW GEOGRAPHIES TO EXPAND OUR INNOVATION AND MANUFACTURING FOOTPRINT























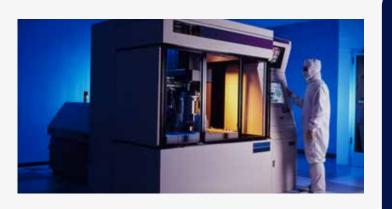






SOITEC HAS BUILT A UNIQUE POSITION IN THE VALUE CHAIN BUILDING CUSTOMER INTIMACY TO MAKE OUR PRODUCTS

A STANDARD AND BECOME A REFERENCE



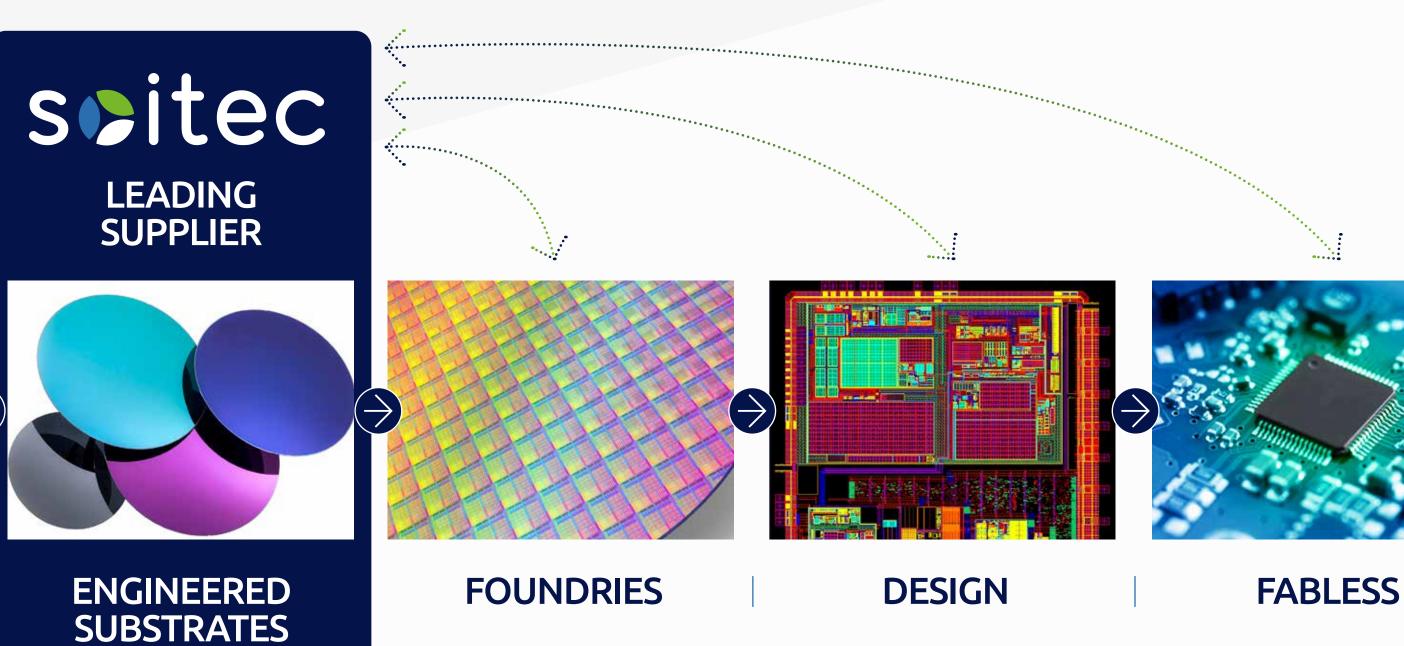
EQUIPMENT



BULK MATERIALS



UTILITIES





















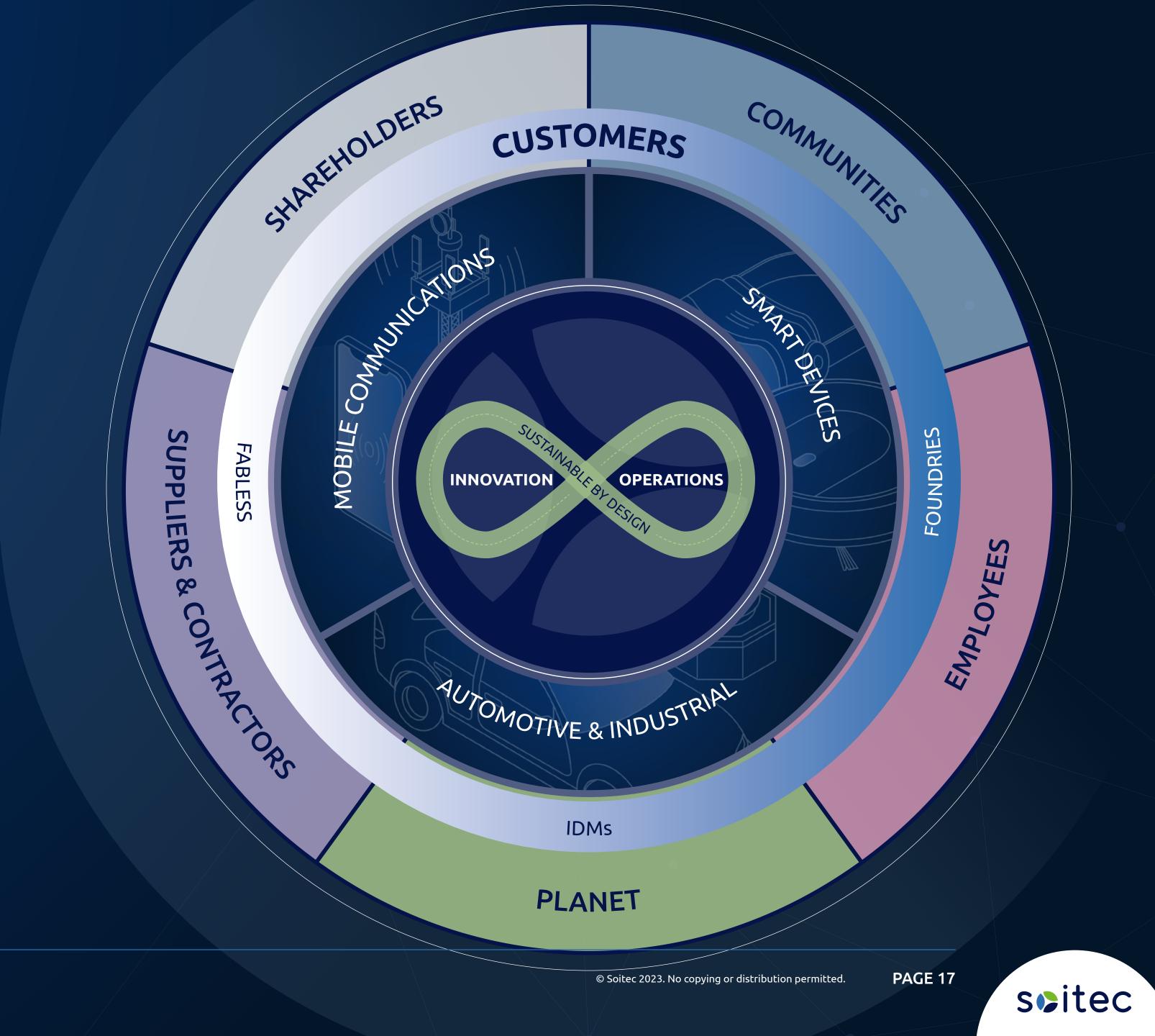






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LEVERAGING OUR **ROBUST AND SUSTAINABLE VALUE CREATION MODEL** TO BENEFIT ALL STAKEHOLDERS























A DIVERSE AND STREAMLINED **MANAGEMENT TEAM**

FOCUSED ON VALUE CREATION EXPANSION, SPEED OF EXECUTION, AND DELIVERY OF OUR AMBITIOUS STRATEGIC PLAN



Pierre Barnabé CEO



Léa Alzingre Chief Financial Officer



Pascal Lobry People & Sustainability



Jean-Marc Le Meil **Mobile Communications** Division



Emmanuel Sabonnadière Automotive & Industrial Division



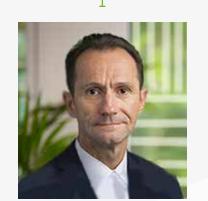
Michael Reiha **Smart Devices** Division



Cyril Menon Operations **Excellence & Quality Chief Operations Officer**



Christophe Maleville Innovation Chief Technology Officer



Yvon Pastol Customer Group



Emmanuelle Bely General Secretary



Steve Babureck Strategy & Investor Relations



Caroline Sasia Communications & Chief of Staff

EXECUTIVE COMMITTEE MEMBERS

27% WOMEN

(1) As of August 2023









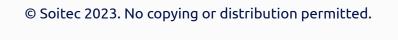


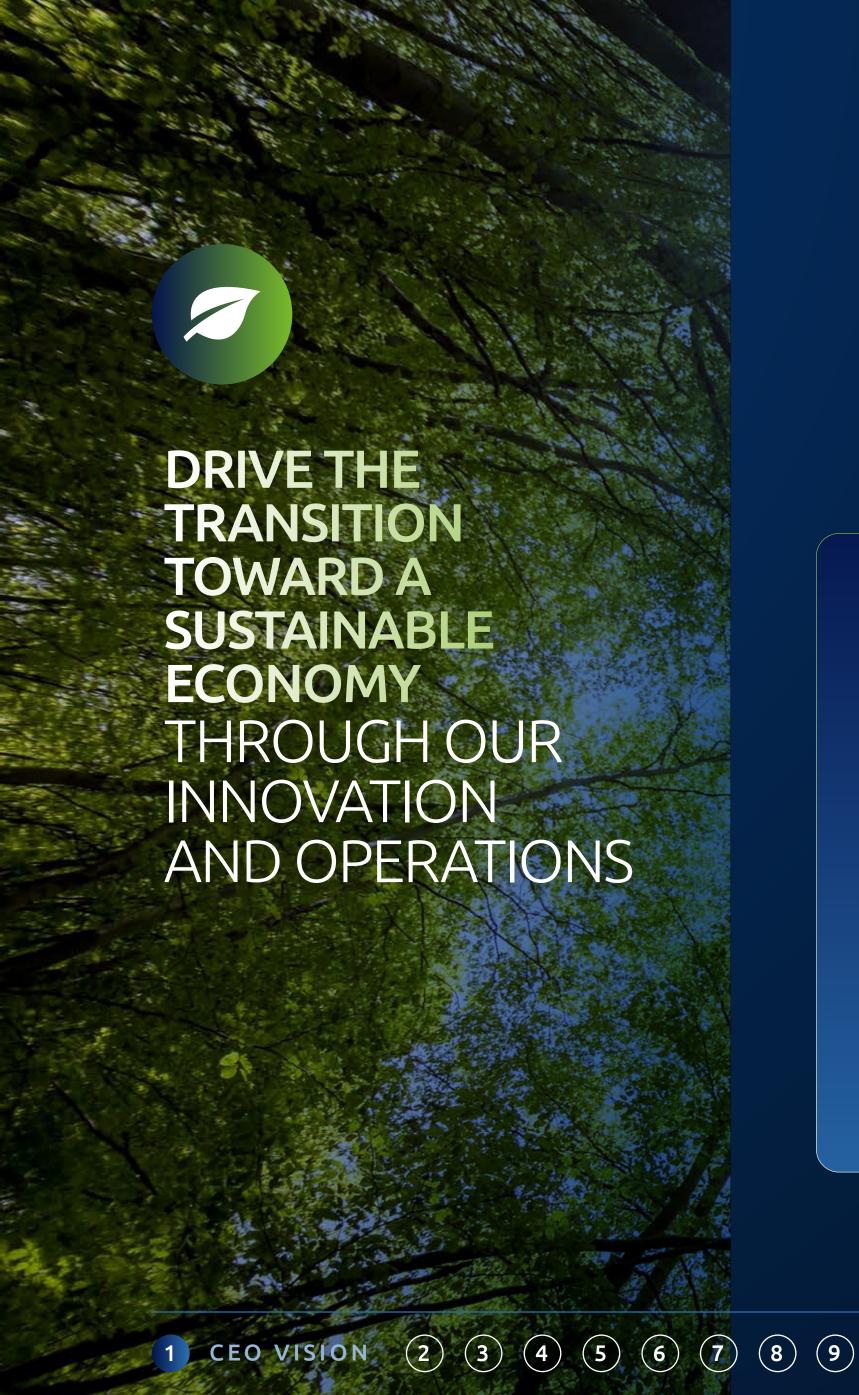














INNOVATING TO REDUCE THE ENVIRONMENTAL **FOOTPRINT ACROSS THE** PRODUCT LIFE CYCLE

x10

RE-USABILITY OF DONOR SUBSTRATE THANKS TO OUR PROPRIETARY SMART CUT™ **TECHNOLOGY**



ACTING TO REDUCE OUR CARBON FOOTPRINT IN LINE WITH THE 1.5°C **PATHWAY**

-25%

REDUCTION OF OUR **SCOPE 1 & 2 ABSOLUTE GHG EMISSIONS** IN 2026 VS 2020, WHILE x2.5 VOLUMES

BUSINESS 1.5°C



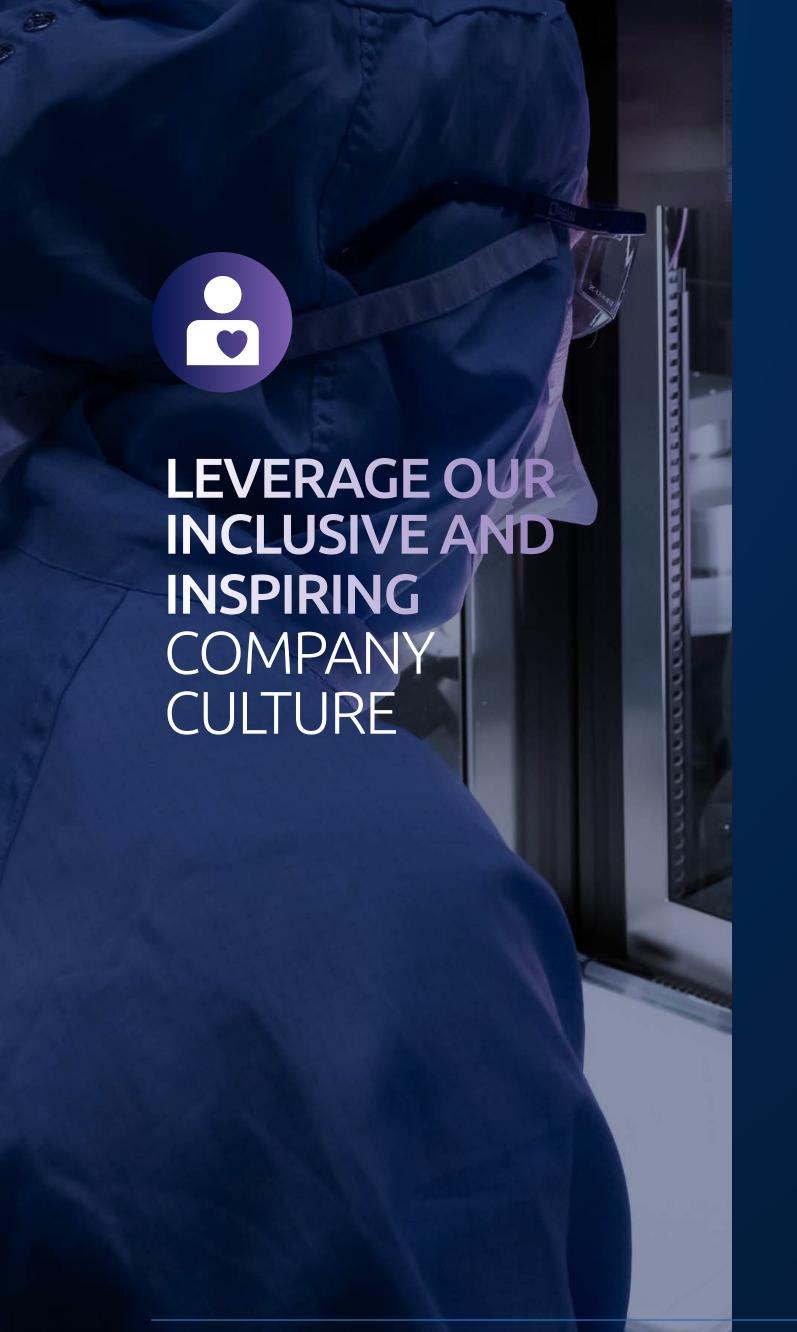
RESPONSIBLE WATER MANAGEMENT TO SUPPORT OUR **GROWTH**

-50%

REDUCTION OF OUR WATER INTAKE PER UNIT OF PRODUCTION BETWEEN FY21 AND FY30

PAGE 19







MAKING SOITEC AN ATTRACTIVE EMPLOYER TO SUPPORT OUR **GROWTH**

18%

ELIGIBLE EMPLOYEES PROMOTED INTERNALLY IN FY23

HUMPACT •



SHARING THE FRUIT OF GROWTH WITH ALL OUR **EMPLOYEES**

100%

EMPLOYEES ELIGIBLE TO FREE PERFORMANCE SHARE PLAN





AIMING FOR GENDER PARITY

40%

TARGET FOR THE PROPORTION OF WOMEN ACROSS THE GROUP BY FY30

SEMI INDUSTRY LEADER IN **DIVERSITY AND INCLUSION** AWARD IN 2022













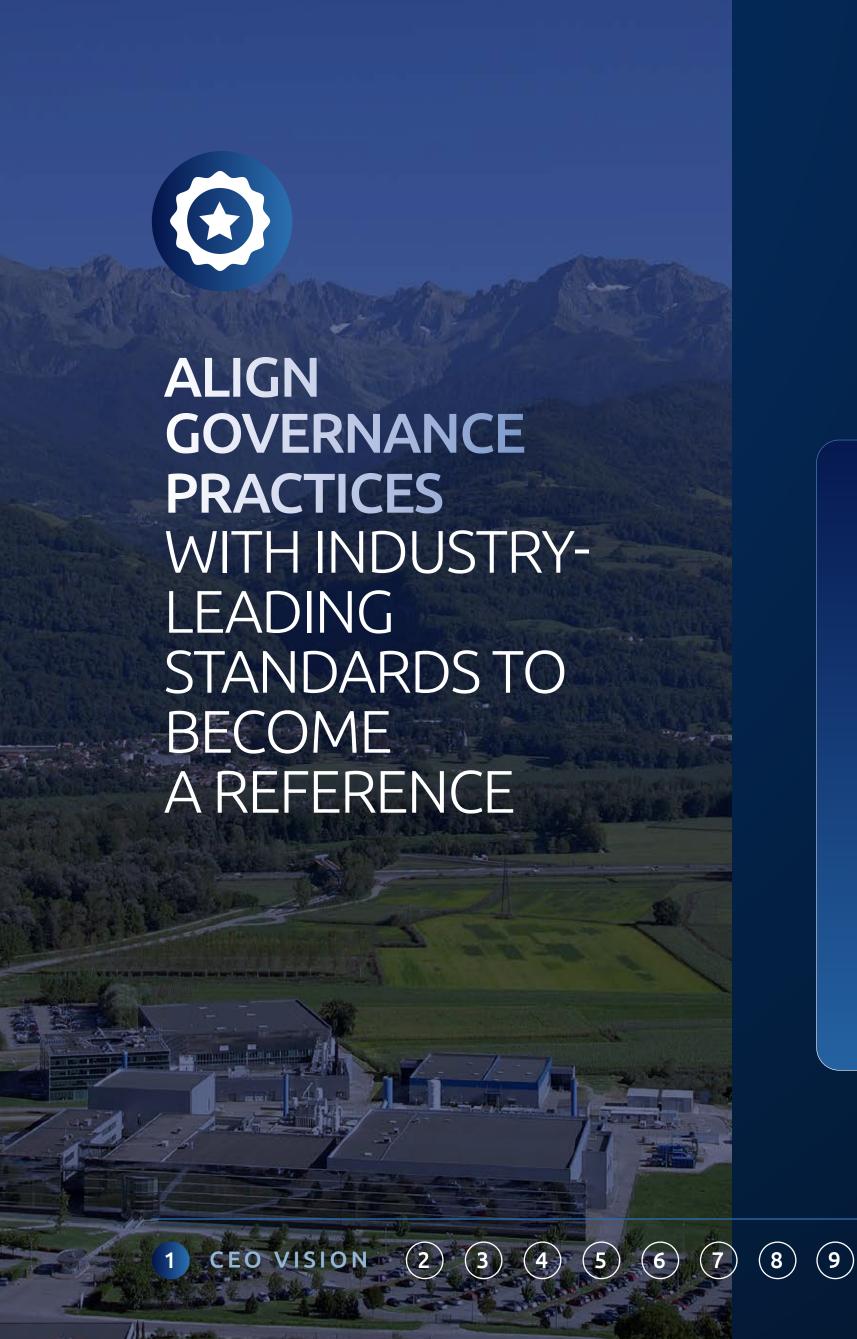














INCREASED NUMBER OF BOARD INDEPENDENT DIRECTORS

58%

OF INDEPENDENT **DIRECTORS***

*Excluding employee representatives



A COMPENSATION POLICY **AND GOVERNING BODIES ALIGNED WITH OUR SUSTAINABLE AMBITION**

20%

WEIGHT OF ESG CRITERIA WITHIN CEO VARIABLE COMPENSATION AND EMPLOYEE FREE SHARE PLAN

CREATION OF THE BOARD OF DIRECTORS ESG COMMITTEE



SET HIGH ETHICAL STANDARDS FOR **OURSELVES AND** FOR OUR BUSINESS **RELATIONS**

100%

OF OUR STRATEGIC SUPPLIERS ADHERE TO OUR SUPPLIER QUALITY POLICY

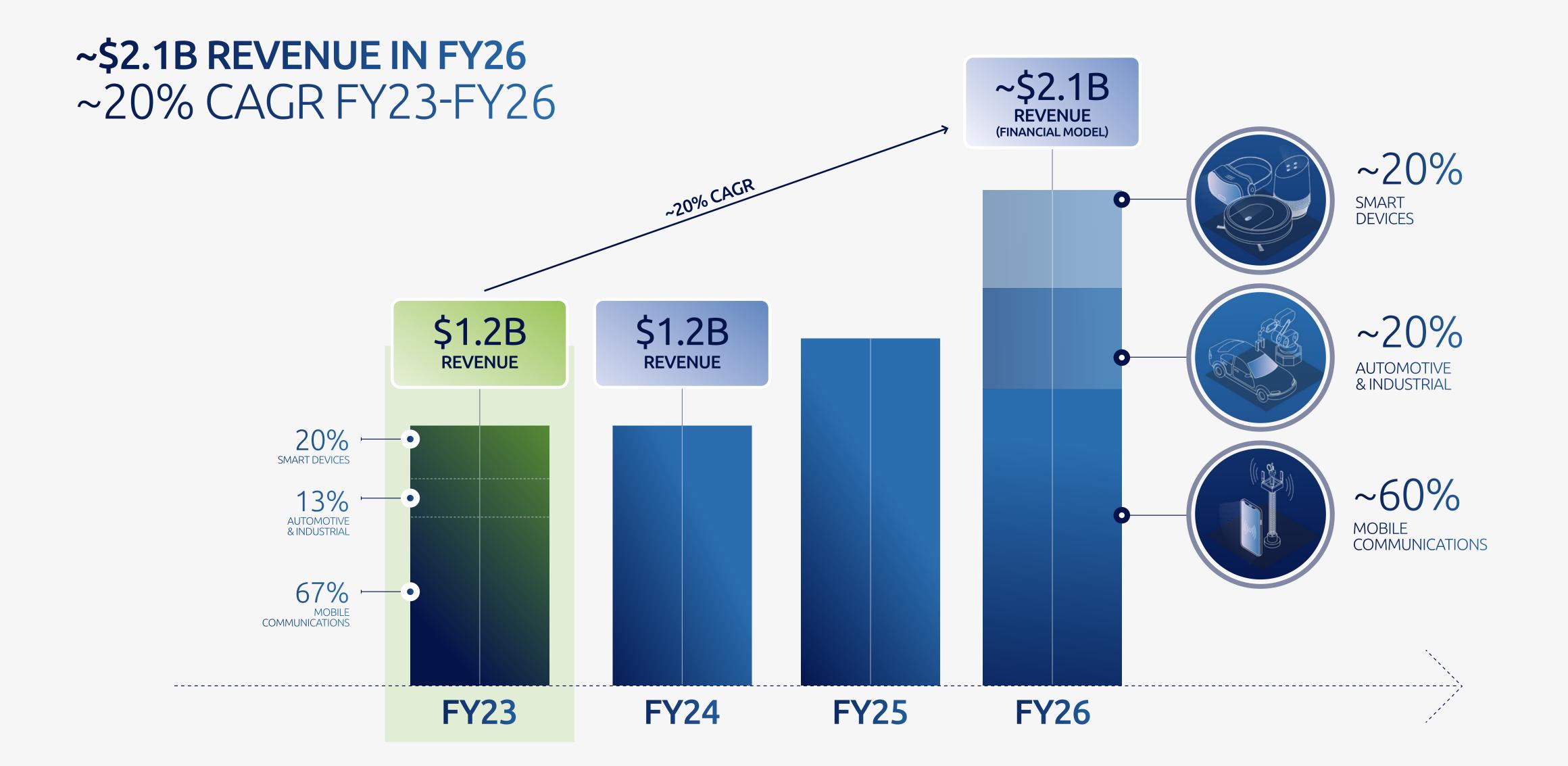
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FY26 objectives on track x2 EBITDA in the next 3 years

Beyond FY26 EXPAND

Market share & Value creation

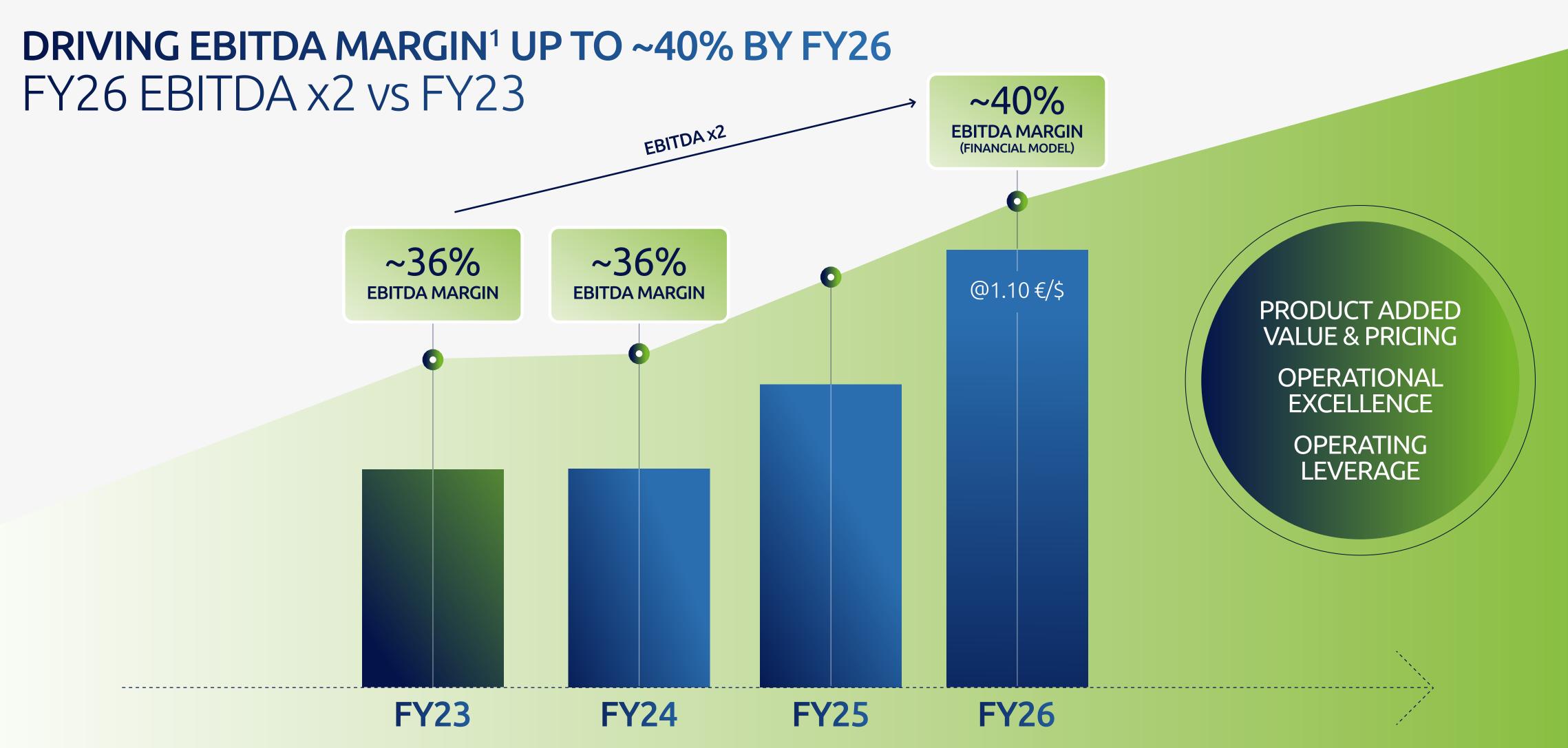




1 CEO VISION 2 3 4 5 6 7 8 9



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(1) EBITDA represents operating income (EBIT) 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







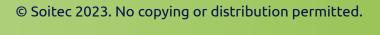


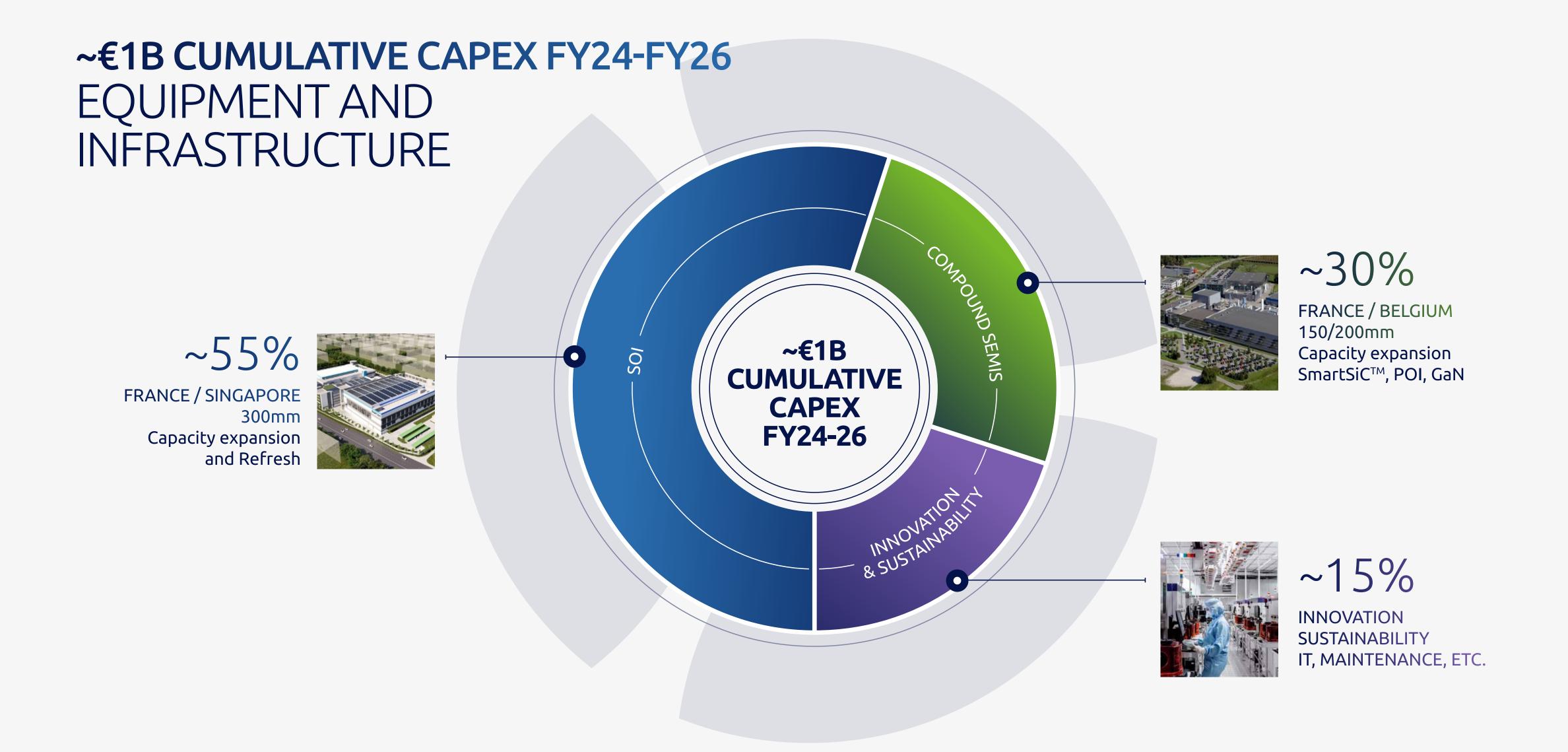
































BEYOND FY26 ROBUST FINANCIAL FUNDAMENTALS TO REACH FY26 OBJECTIVES AND EXPAND BEYOND

SOUND **BALANCE SHEET**

€140M NET CASH position in FY23

(€788M Cash and Cash equivalents)



STRONG FCF THROUGH **INVESTMENT CYCLE**

Rising EBITDA and lower CAPEX / Sales toward FY26



ATTRACTIVE ROCE¹ **FOR OUR INVESTMENT PROJECTS**

ROCE from ~20% in FY23 to ~25% in FY26

(1) Post-tax Return on Capital Employed: EBIT after tax / (non current assets + working capital)











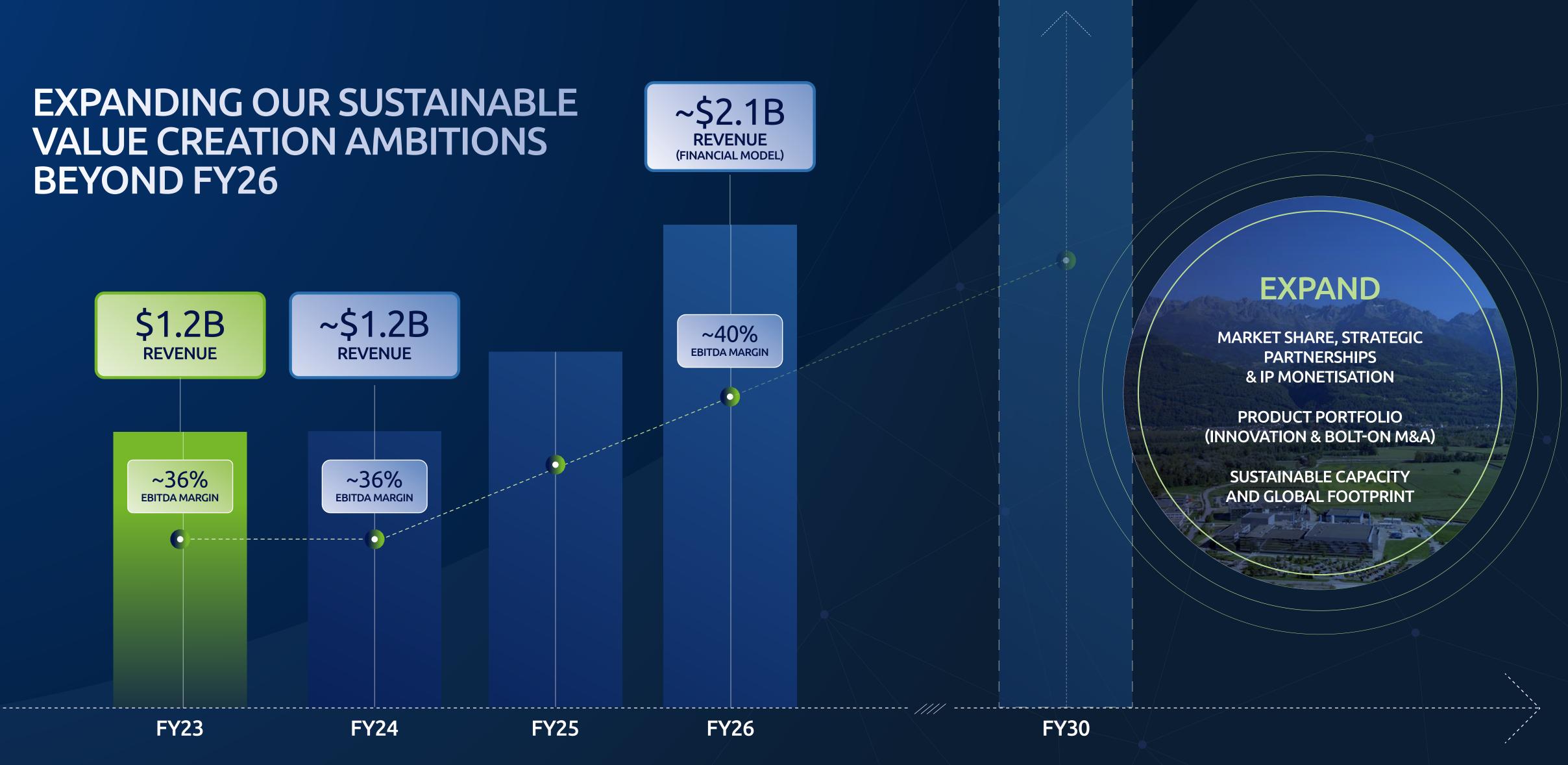












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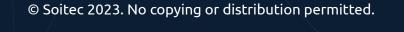














STRATEGY

Steve Babureck



















STRATEGY KEY MESSAGES

TECHNOLOGY MEGATRENDS WILL SUSTAIN A MASSIVE DEMAND FOR SEMICONDUCTORS

SEMICONDUCTOR DEVICES WILL REQUIRE MORE **ENGINEERED SUBSTRATES**

ENGINEERED SUBSTRATES PENETRATION TO SIGNIFICANTLY **INCREASE BY 2030**

SOITEC ADDRESSABLE MARKET x3























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Technology megatrends will sustain a massive demand for semiconductors

Semiconductor content will continue to increase in consumer / industrial applications









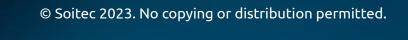










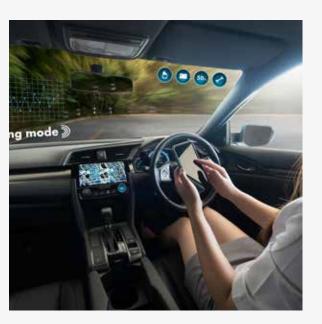


5G SUSTAINED GROWTH IN GLOBAL MOBILE DATA TRAFFIC

5G DATA TRAFFIC IN ACCELERATION BEYOND 2022 5G MOBILE AVERAGE DATA CONSUMPTION FIXED WIRELESS SUBSCRIPTIONS PER SMARTPHONE **ACCESS CONNECTIONS** 5B IN 2028 >45GB/MONTH 300M IN 2028 IN 2028



Public & private networks



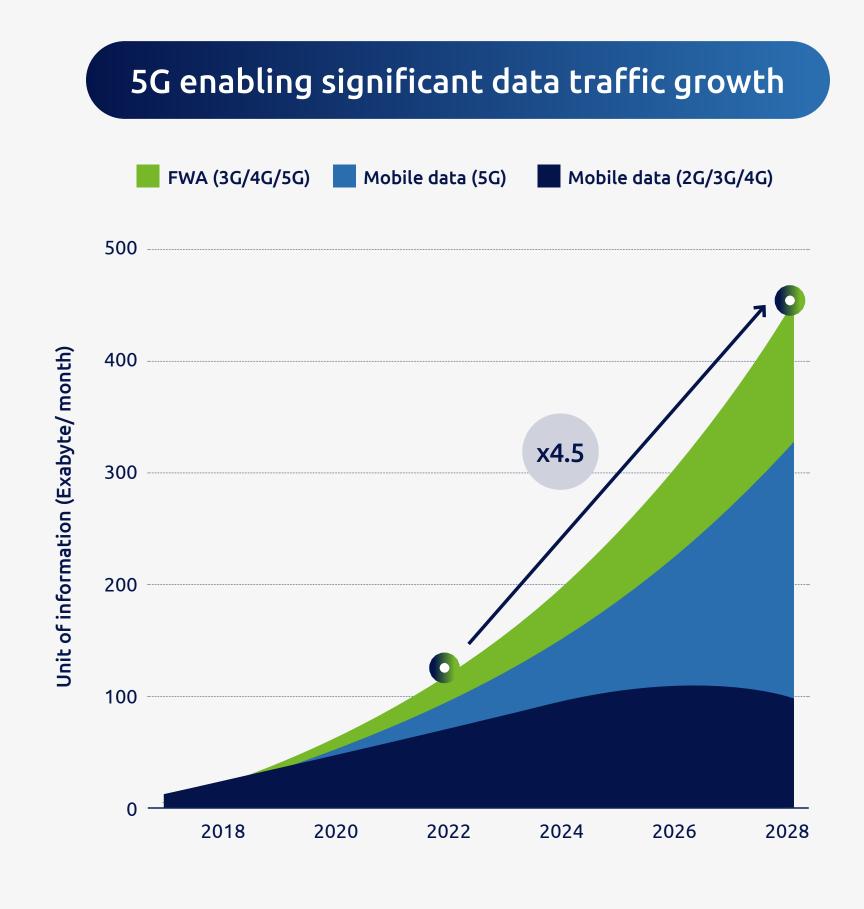
Smart transportation



Massive IoT



Industry 4.0



FWA (Fixed Wireless Access)

Source: Ericsson Mobility report November 2022























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ARTIFICIAL INTELLIGENCE EXPONENTIAL GROWTH IN COMPUTING POWER

AI ACCELERATION BEYOND 2022 1.8B \$10-15T POTENTIAL VALUE AT STAKE **DEVICES RUNNING CHATGPT VISITORS ARTIFICIAL INTELLIGENCE IN APRIL 2023** AI IN 2030 ~\$10-15 TRILLION 21B IN 2030 vs 1.8B TODAY







Autonomous driving

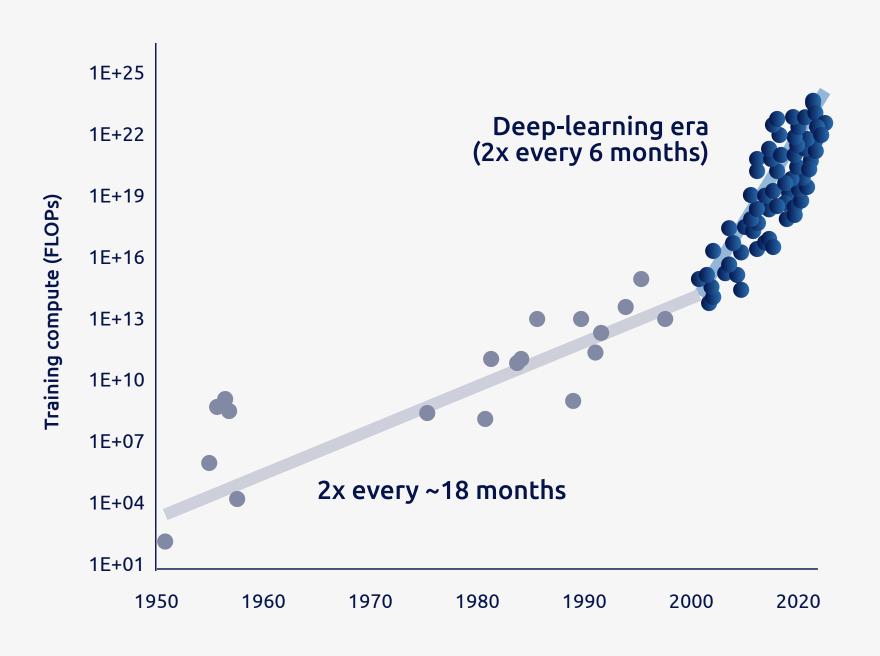


Industry 4.0



Digital creation

Acceleration of Computing Power Beyond Moore's Law



Source: Cornell University (Sevilla et al)

Source: McKinsey 2022, Transforma Insights, OpenAl























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ENERGY EFFICIENCY SOLUTIONS MANDATORY TO SATISFY GLOBAL ELECTRICITY DEMAND

GLOBAL ELECTRICITY DEMAND TO NEARLY DOUBLE BY 2050 GLOBAL ELECTRICITY SHARE OF ELECTRICITY IN EV ELECTRICITY DEMAND FROM 2021 CONSUMPTION ENERGY CONSUMPTION TO 2050 FROM 2023 TO 2050 FROM 2022 TO 2030







Datacenters



Smart Cities

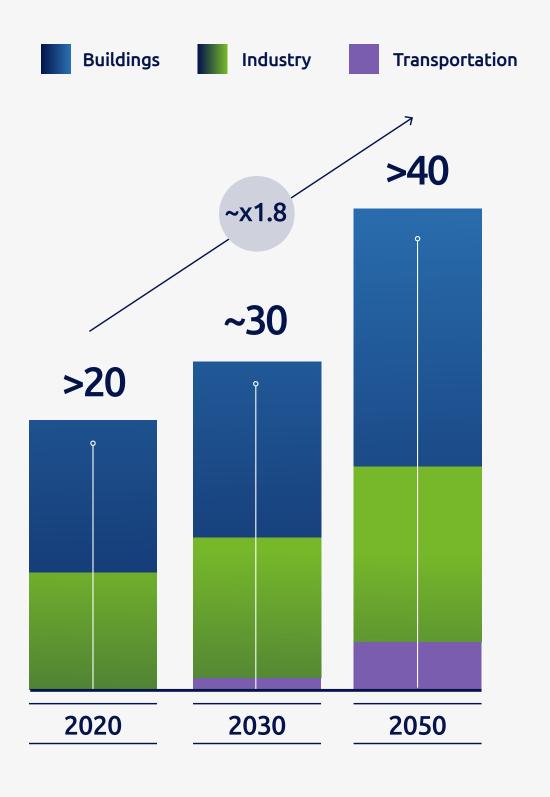


EV charging infrastructure

energy saving solutions

Global electricity demand requires

ELECTRICITY DEMAND IN TWH (STEPS¹ IEA SCENARIO)



Source: IEA World Energy Outlook 2022

(1) The Stated Policies Scenario reflects existing policies and measures, as well as firm policy ambitions and objectives that have been legislated by governments around the world

















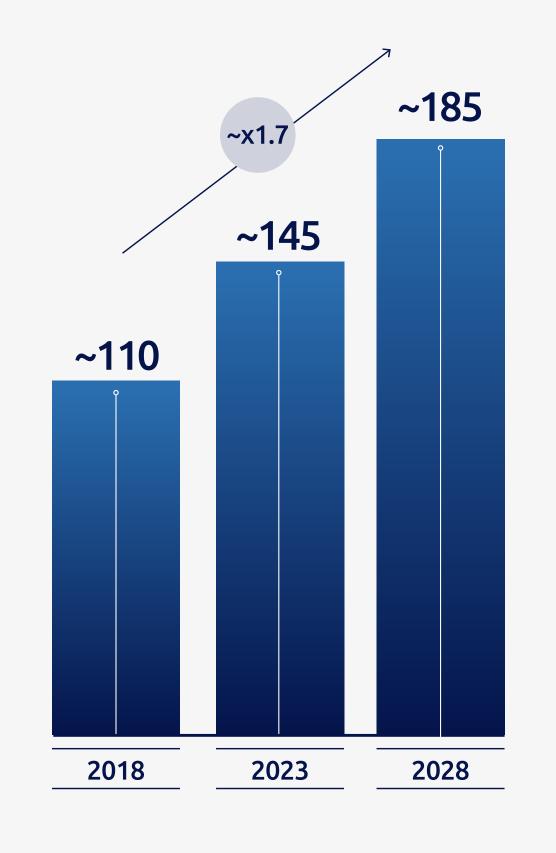




MOBILE SEMICONDUCTOR CONTENT PER SMARTPHONE

CONNECTIVITY IMAGING PROCESSING

Semiconductor content per smartphone (\$)



Source: TechInsights, IC Insights, IHS Markit, Soitec estimates

















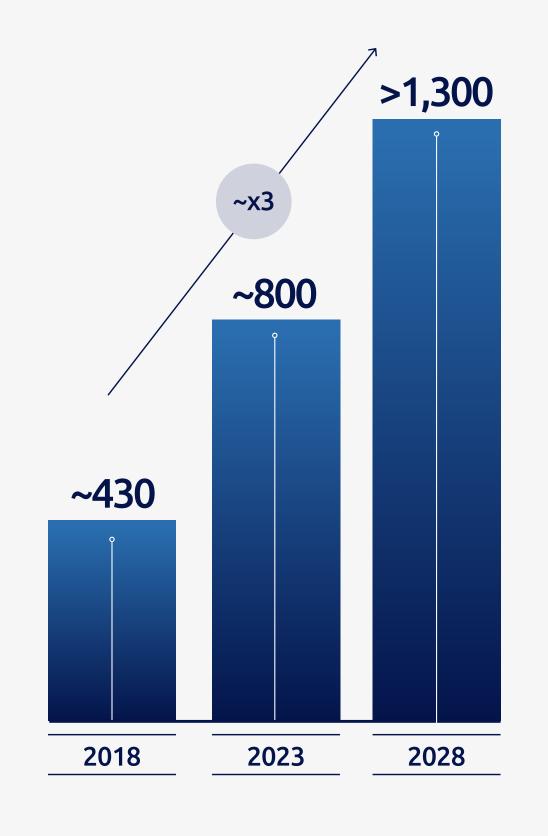


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AUTOMOTIVE SEMICONDUCTOR CONTENT PER VEHICLE

AUTONOMOUS DRIVING CONNECTIVITY **ELECTRIFICATION**

Semiconductor content per car (\$)



Source: IHS Markit 2023, Gartner 2022, UBS 2023, Soitec estimates











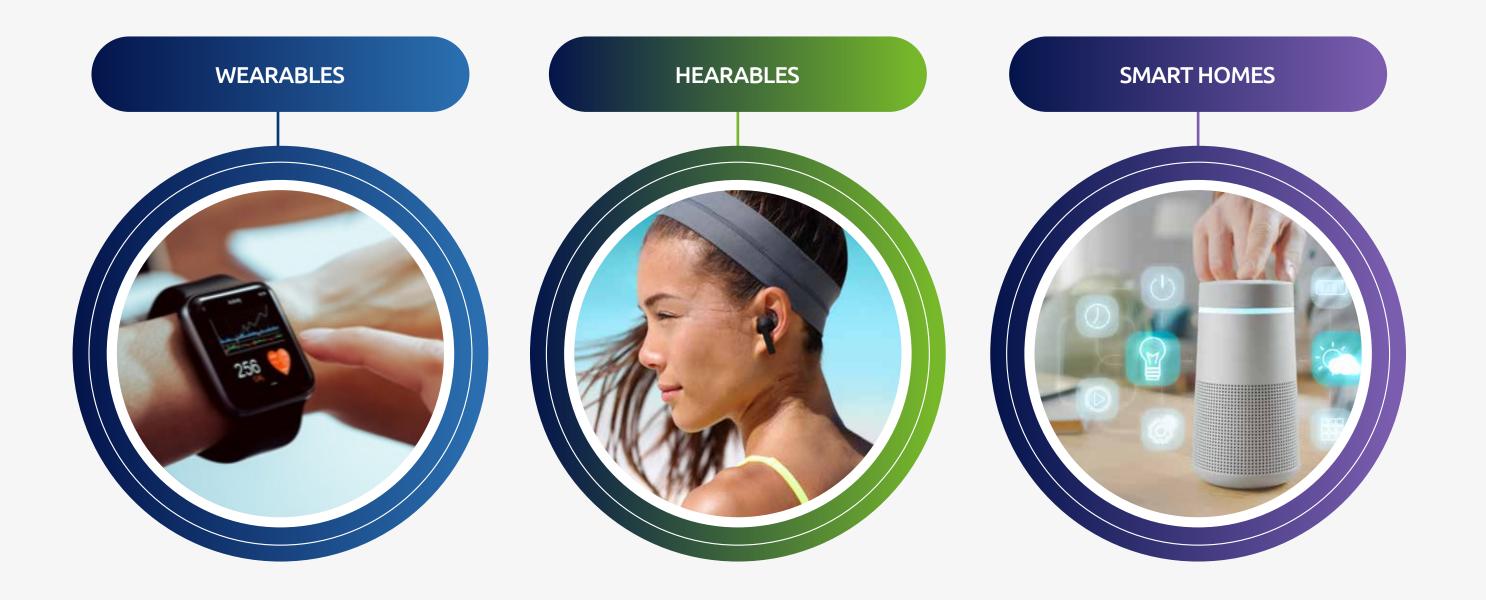




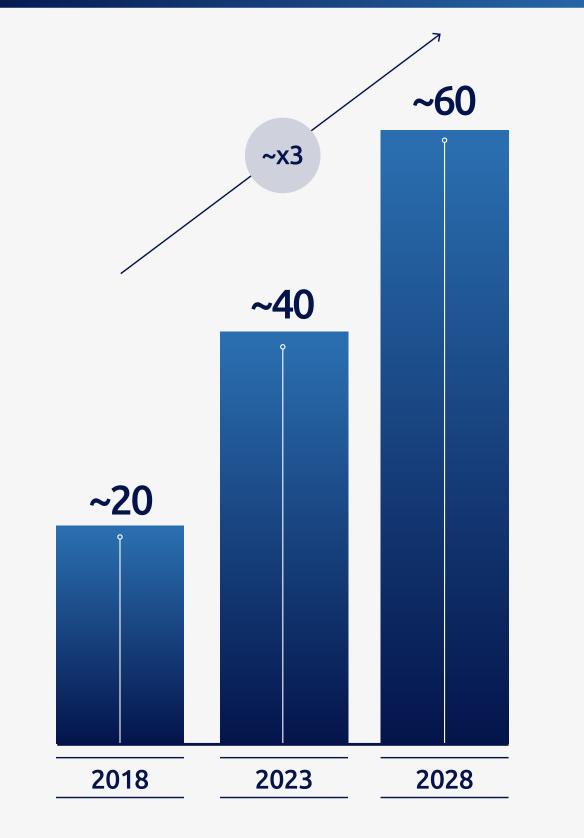




SMART DEVICES SEMICONDUCTOR CONTENT PER SMART DEVICE



Semiconductor content per smartwatch (\$)



Source: TechInsights, IC Insights, Counterpoint, Yole SystemPlus, Soitec estimates













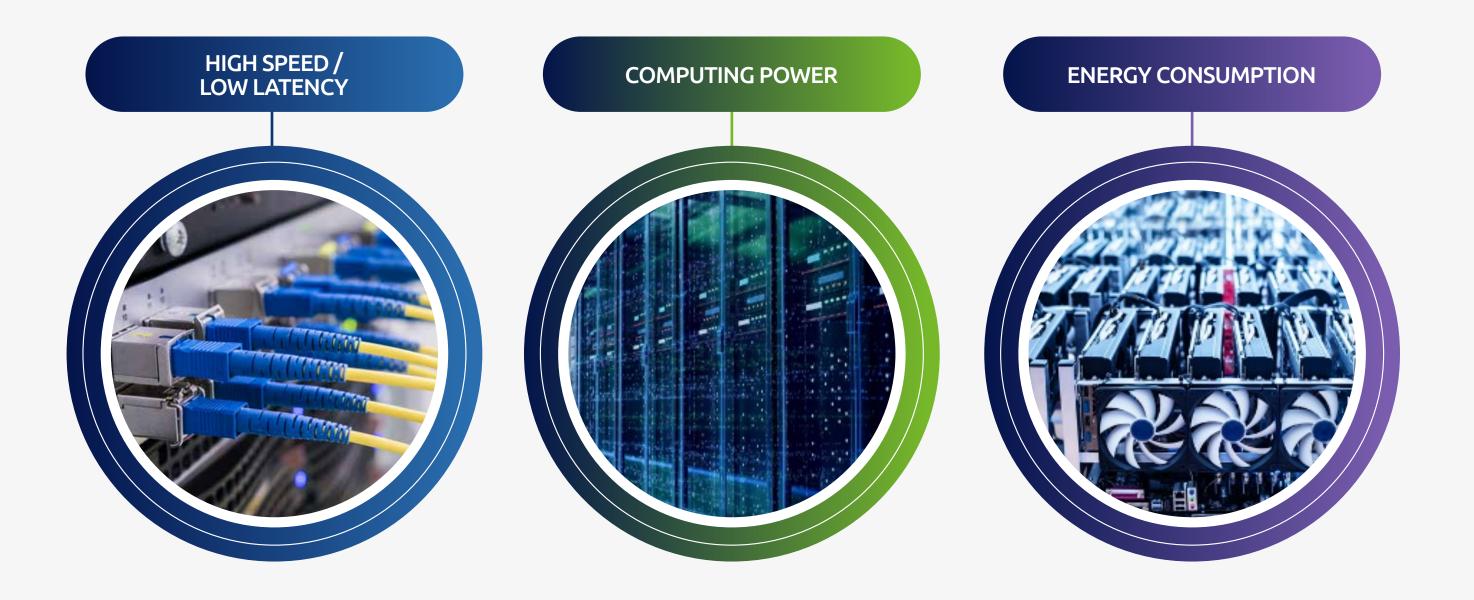




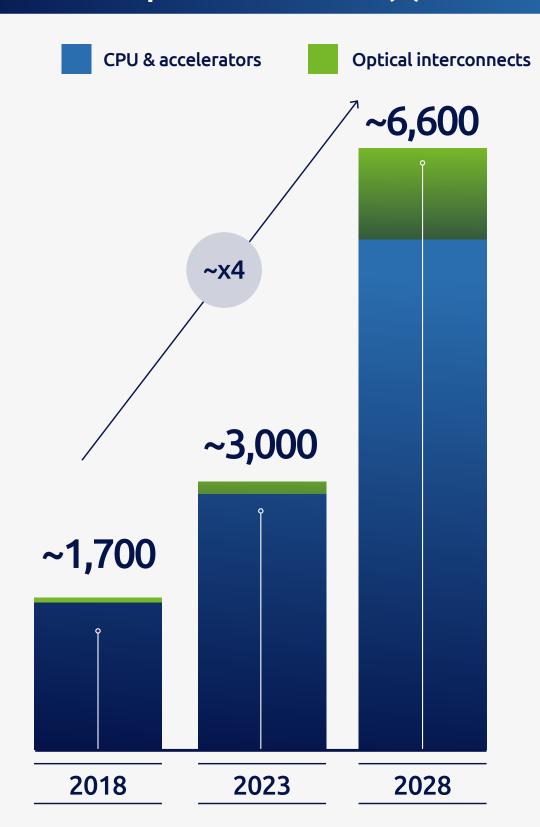




DATACENTRES SEMICONDUCTOR CONTENT PER DATACENTER SERVER







Source: Applied Materials 2021, NVIDIA, Yole server processors forecast, Soitec estimates





















Semiconductor devices will require more engineered substrates to enable

Better performance Lower power consumption Improved integration Lower cost of ownership





















TODAY, THE SEMICONDUCTOR INDUSTRY CONSUMES ~240M WAFERS PER YEAR ENGINEERED SUBSTRATES ACCOUNT FOR ~6% ~15M Engineered substrates (SOI, POI, SiC, GaN...) 0 Active layer ~240M ~225M **WAFERS** Functional / (2022)insulating layer Bulk Silicon, Sapphire... **Functional** substrate wafer Bulk substrate

Source: Yole, SEMI, Soitec estimates







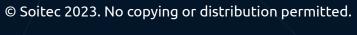














MOBILE COMMUNICATIONS

ENGINEERED SUBSTRATES ENABLE SUPERIOR SEMICONDUCTOR CHIPS BY DESIGN

ENGINEERED SUBSTRATES PHYSICS

> **RF SYSTEM LINEARITY IMPROVEMENT**

REDUCED RF LOSSES

DIGITAL NOISE ISOLATION

BUILT-IN CROSSTALK ISOLATION

MULTI FREQUENCY DEVICE **INTEGRATION**

DEVICE VALUE PROPOSITION

> **5G CONNECTIVITY ENHANCEMENT**

BATTERY POWER SAVING

OPTIMIZED FOOTPRINT

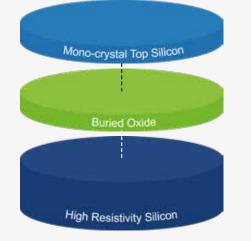
LOWER COST OF OWNERSHIP

SYSTEM BENEFITS

BROADBAND CONNECTIVITY

USER QUALITY OF EXPERIENCE

LONGER BATTERY LIFETIME















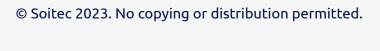












AUTOMOTIVE & INDUSTRIAL ENGINEERED SUBSTRATES ENABLE SUPERIOR SEMICONDUCTOR CHIPS BY DESIGN

ENGINEERED SUBSTRATES PHYSICS

LOWER POWER LOSSES

HIGHER BREAKDOWN VOLTAGE

HIGHER POWER DENSITY

BULK SUBSTRATE REUSABILITY

LOWER RESISTIVITY SUBSTRATES

DEVICE VALUE PROPOSITION

HIGHER RELIABILITY

LOWER CHIP ENERGY CONSUMPTION

LOWER CARBON FOOTPRINT

DESIGN OPTIMIZATION

LOWER COST OF OWNERSHIP

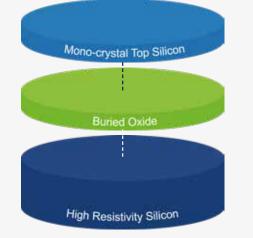
SYSTEM BENEFITS

ENHANCED FUNCTIONAL SAFETY & SECURITY

LONGER DRIVING RANGE

FASTER CHARGING

LOWER SYSTEM COST























SMART DEVICES ENGINEERED SUBSTRATES ENABLE SUPERIOR SEMICONDUCTOR CHIPS BY DESIGN

ENGINEERED SUBSTRATES PHYSICS

LOWER POWER LOSSES

NOISE IMMUNITY

SUPERIOR MECHANICAL INTEGRITY

COMPOUND & SILICON INTEGRATION POTENTIAL



HIGH SPEED DATA RATE

MONOLITHIC INTEGRATION

HIGH RESOLUTION DETECTION

SUB THRESHOLD **CMOS OPERATION**

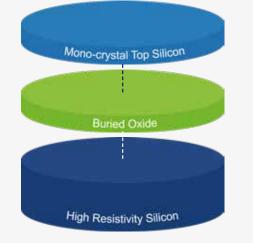


COMPUTING WITH AI AT THE EDGE

HIGH SPEED DATA RATE

HUMAN-MACHINE INTERFACE

BATTERY-LESS IOTS



























Engineered substrates penetration to significantly increase by 2030

Soitec addressable market to triple by 2030 through expansion into new products and new markets













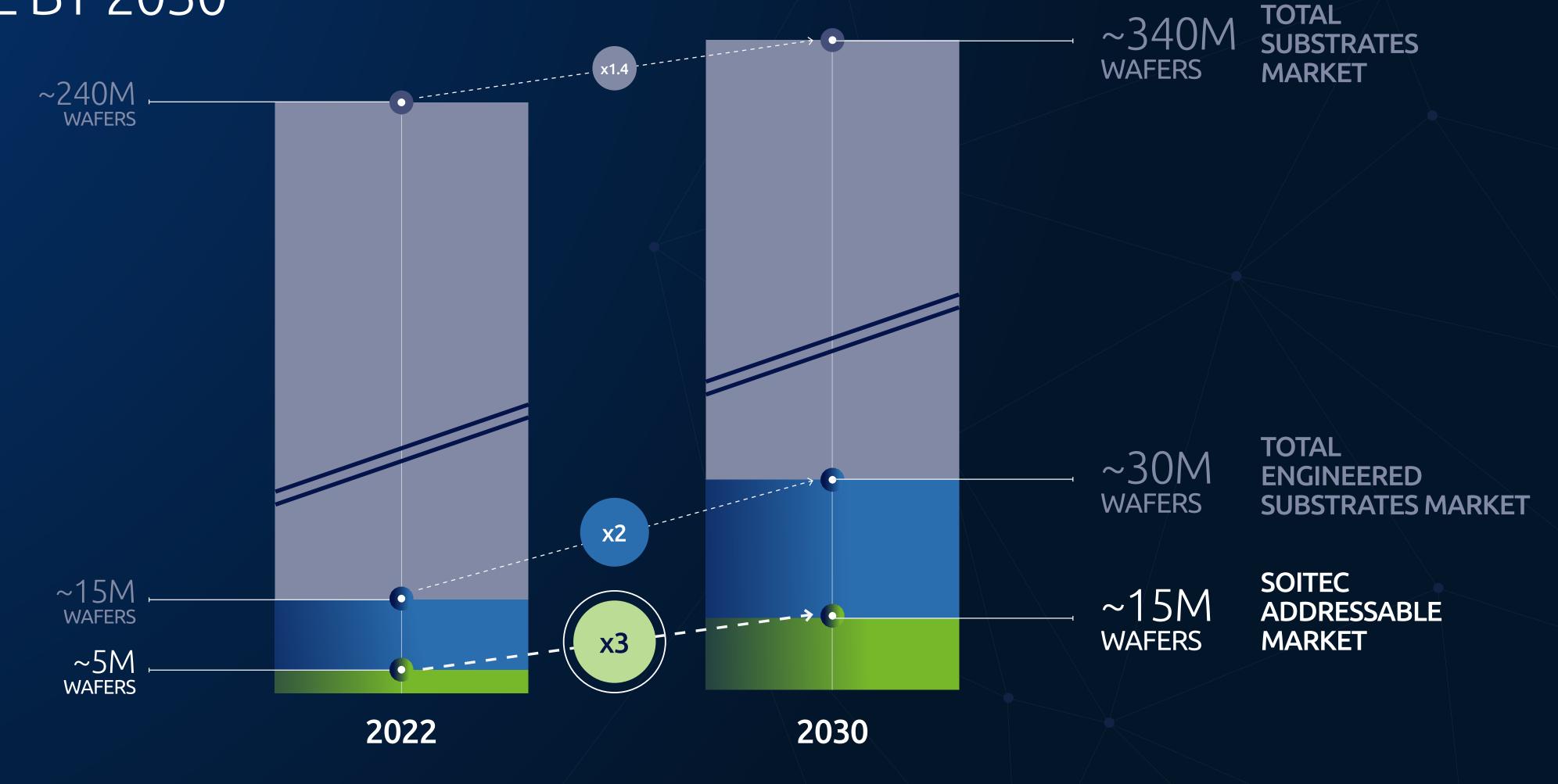






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SOITEC ADDRESSABLE MARKET TO TRIPLE BY 2030



Source: Yole, SEMI, Soitec estimates











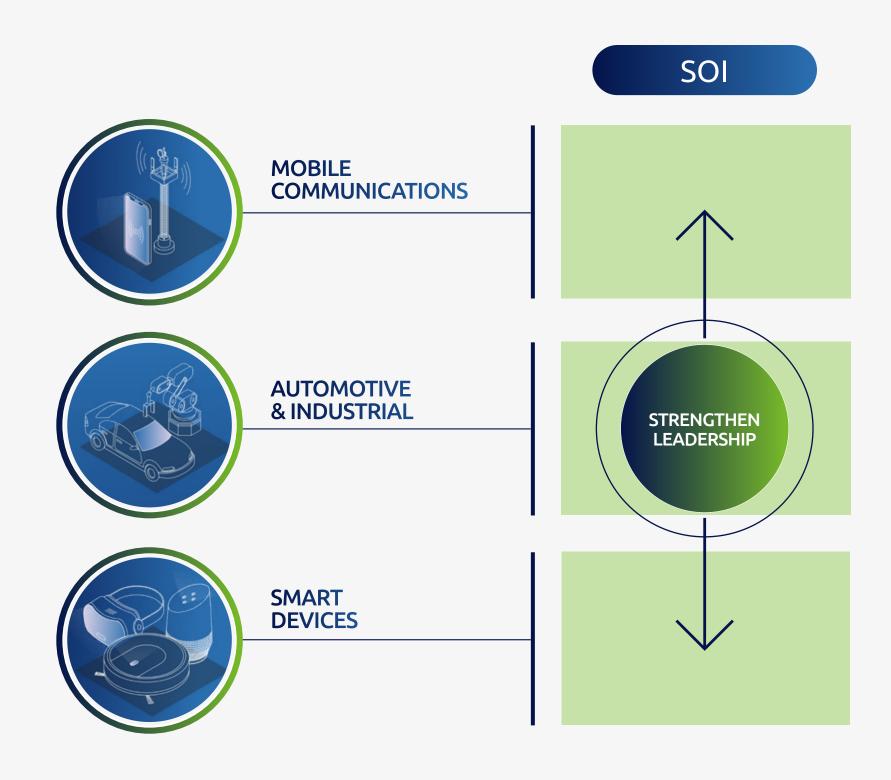








SOITEC ADDRESSABLE MARKET TO TRIPLE BY 2030 STRENGTHEN OUR LEADERSHIP IN SOI ACROSS OUR 3 STRATEGIC END MARKETS















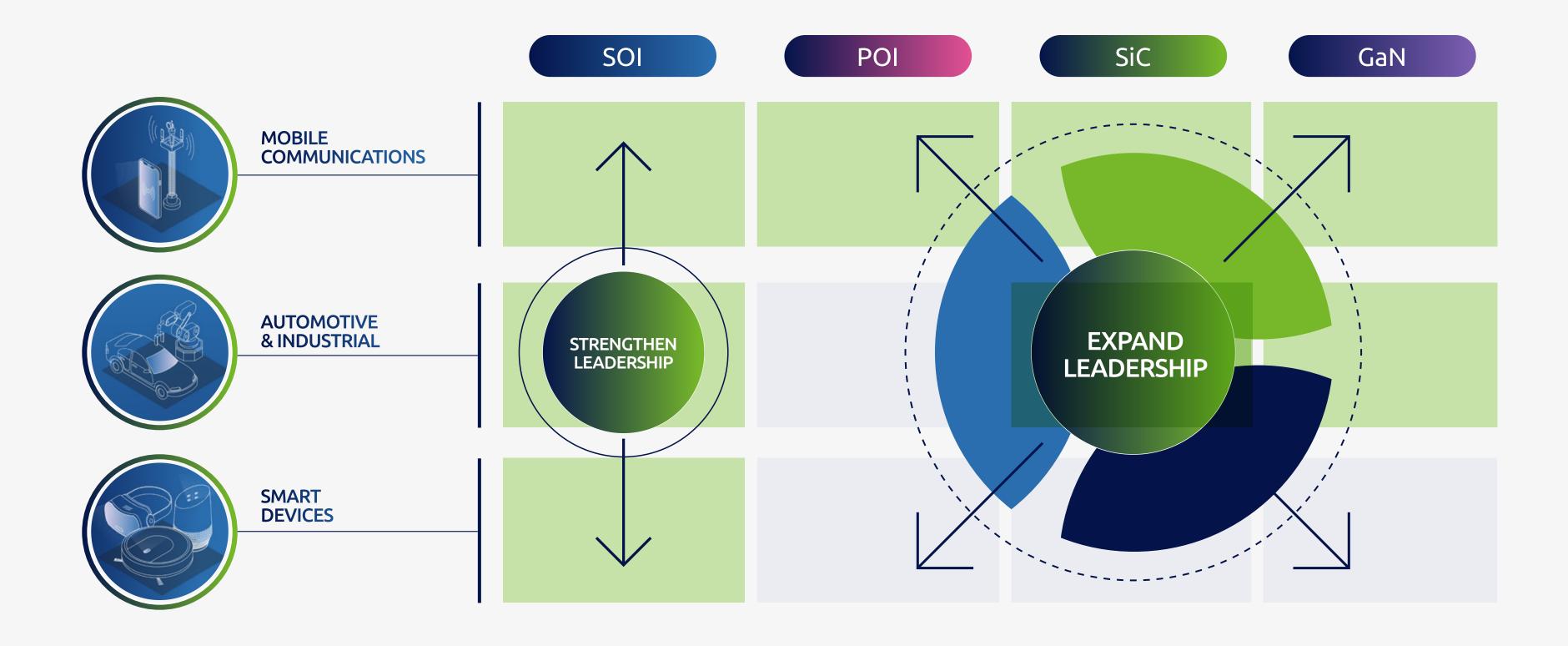






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SOITEC ADDRESSABLE MARKET TO TRIPLE BY 2030 EXPAND INTO COMPOUND SEMIS IN LINE WITH OUR FY26 ROADMAP









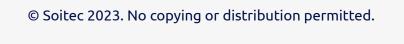






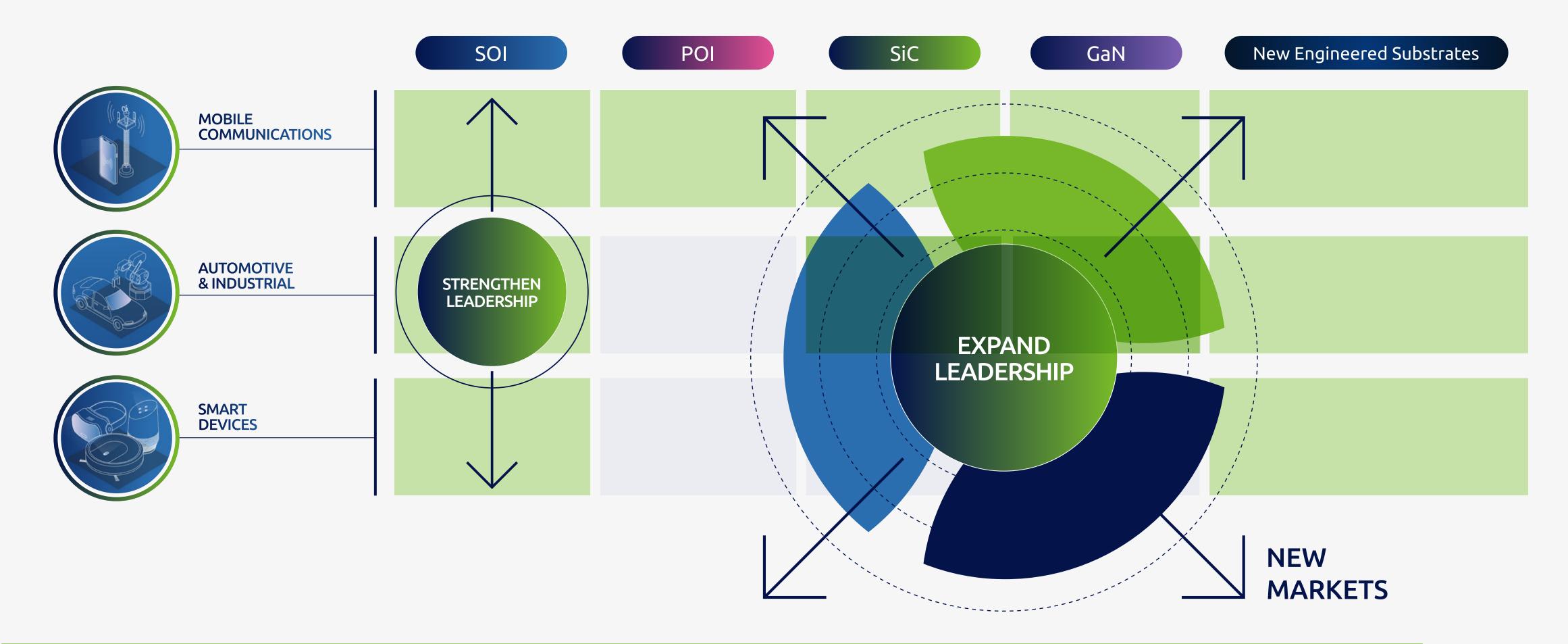






SOITEC ADDRESSABLE MARKET TO TRIPLE BY 2030

EXPAND LEADERSHIP WITH NEW ENGINEERED SUBSTRATES AND STRATEGIC PARTNERSHIPS























STRATEGY KEY MESSAGES

TECHNOLOGY MEGATRENDS

WILL SUSTAIN A MASSIVE DEMAND FOR SEMICONDUCTORS

Semiconductor content will continue to increase in consumer/industrial applications SEMICONDUCTOR DEVICES

WILL REQUIRE MORE ENGINEERED SUBSTRATES TO ENABLE

Better performance Lower power consumption Improved integration Lower cost of ownership

ENGINEERED SUBSTRATES

PENETRATION TO SIGNIFICANTLY **INCREASE BY 2030**

Soitec addressable market to triple by 2030 through expansion into new products and new markets























INOVATION

Christophe Maleville



















INNOVATION KEY MESSAGES

SOITEC INNOVATION ROADMAP

LEVERAGING MATERIALS SCIENCE TO DELIVER VALUE AT SYSTEM LEVEL

SOITEC INNOVATION TOOLBOX

EXPANDING OUR TECHNOLOGY PORTFOLIO TO BRING COMPELLING PRODUCTS TO MARKET

SOITEC INNOVATION MODEL

SPEED AND STRATEGIC PARTNERSHIPS ARE KEY TO GAIN MARKET SHARES





















Soitec Innovation Roadmap Leveraging Materials Science to deliver value at system level







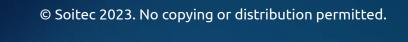






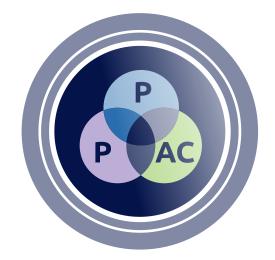






KEY CONTRIBUTORS TO ENABLE GROWTH

NEW INNOVATION STANDARDS



PPAC







Continue Moore's Law

New architectures

New structures / 3D

New materials

New ways to shrink

Advanced packaging

























LEVERAGING MATERIALS SCIENCE TO ENABLE UNIQUE APPLICATIONS

Leverage

MATERIALS INTRINSIC **PROPERTIES**

- Electronic
- Photonic
- Piezoelectric
- Electromagnetic

Develop

TECHNOLOGY SOLUTIONS

- Smart Cut[™]
- Interface engineering
- 3D layer stacking
- Epitaxy
- Tiling
- 2.5D/3D
- Surface smoothing
- Smart Cut[™] on cavity

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

















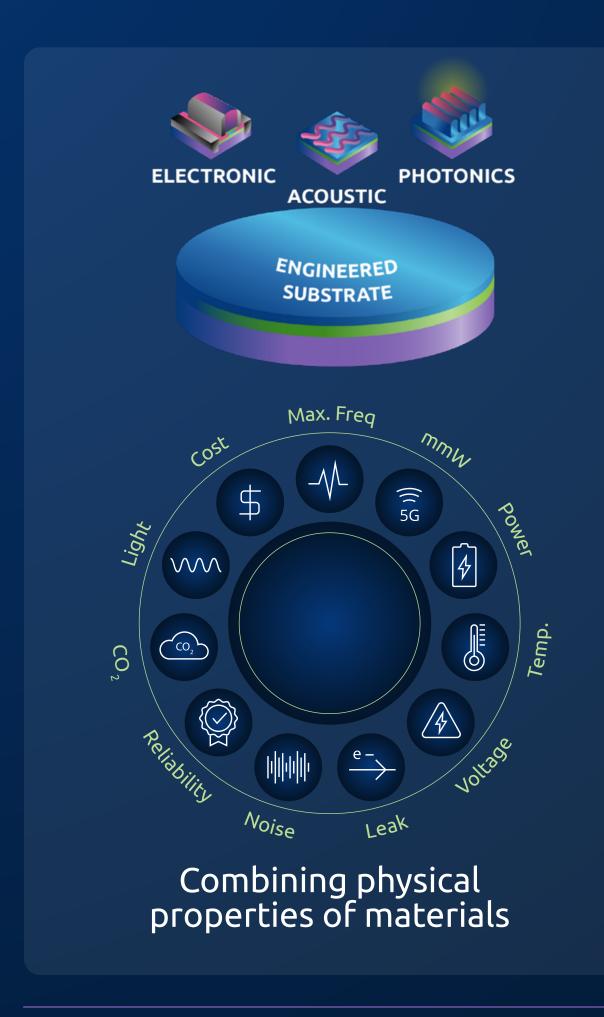


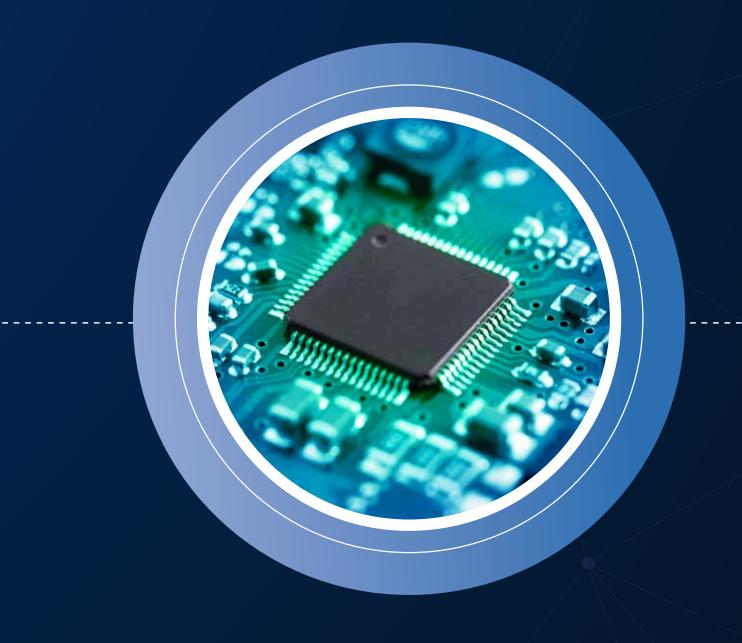






ENGINEERED SUBSTRATES CREATE VALUE AT THE SYSTEM LEVEL







CONNECT

Data rate, power efficiency



Energy efficiency performance, data rate with Photonics

SENSE

3D imaging, health sensors

POWER

Power density, higher efficiency















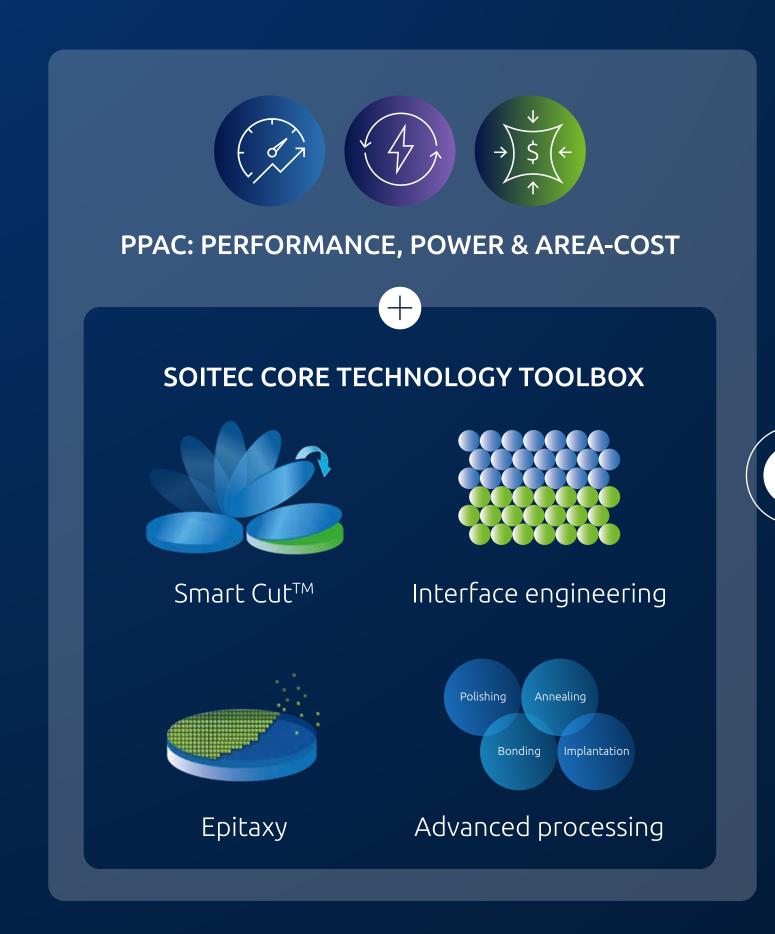


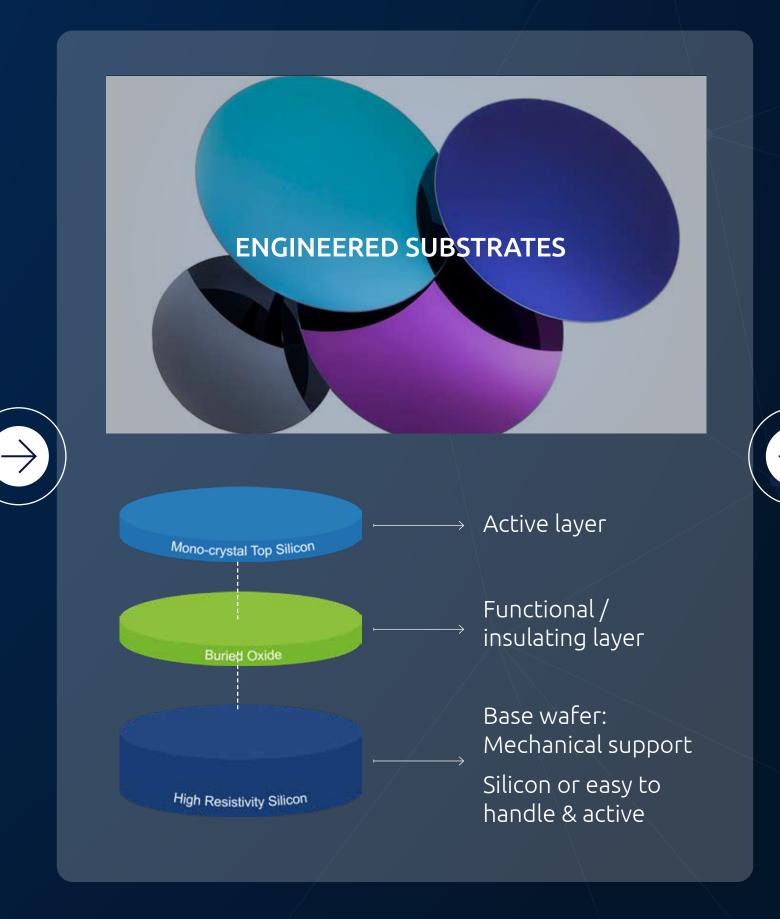






SOITEC INNOVATES TO DESIGN ENGINEERED SUBSTRATES DELIVERING ENERGY EFFICIENCY GAINS AT THE DEVICE LEVEL









+25% ENERGY SAVINGS

enabled by our latest generation of Soitec RF-SOI in 4G/5G smartphones vs previous gen HR-SOI



>10% ADDITIONAL **BATTERY RANGE**

in EVs enabled by powertrain based on our SmartSiCTM substrates vs IGBT Si systems



-40% POWER CONSUMPTION

in low-power devices using 22nm FD-SOI vs bulk CMOS















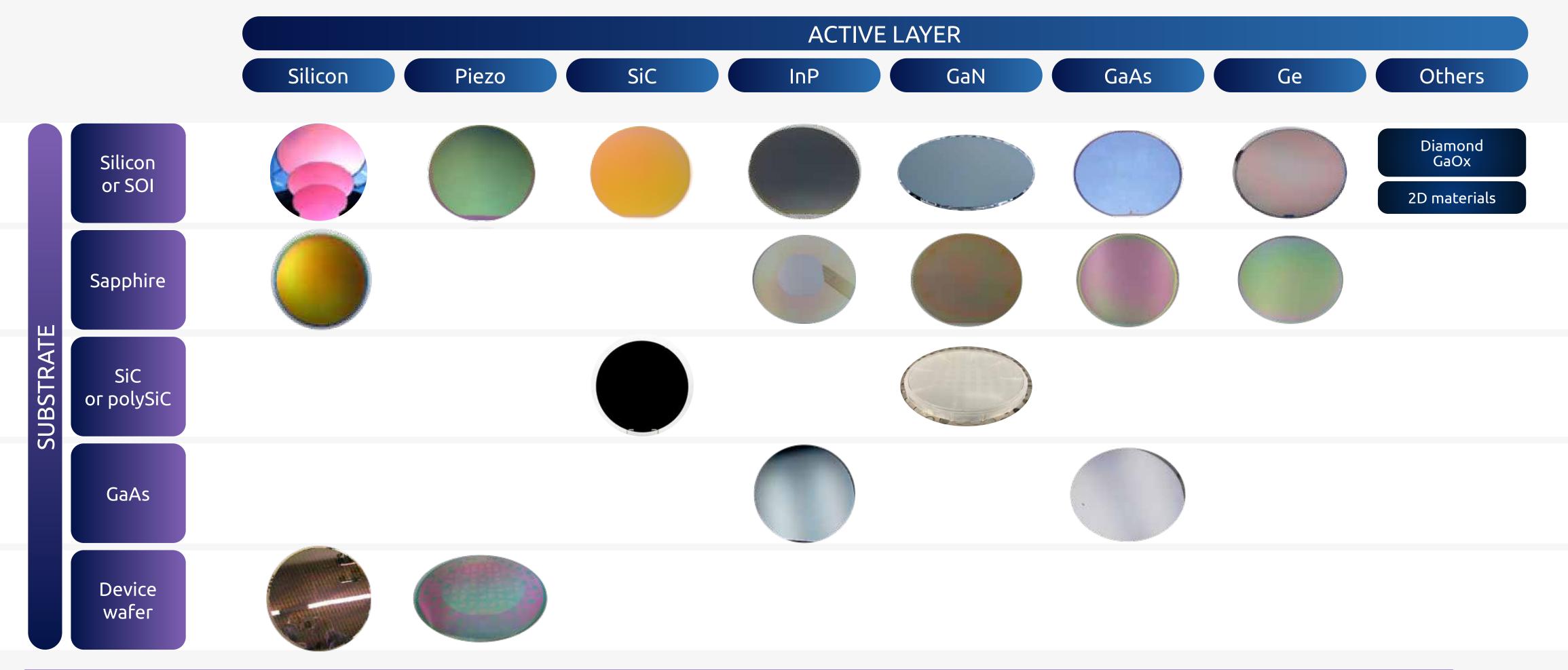








ANYTHING-ON-ANYTHING - SOITEC INNOVATION DNA BEST ACTIVE LAYER(S) ON FUNCTIONAL SUBSTRATE











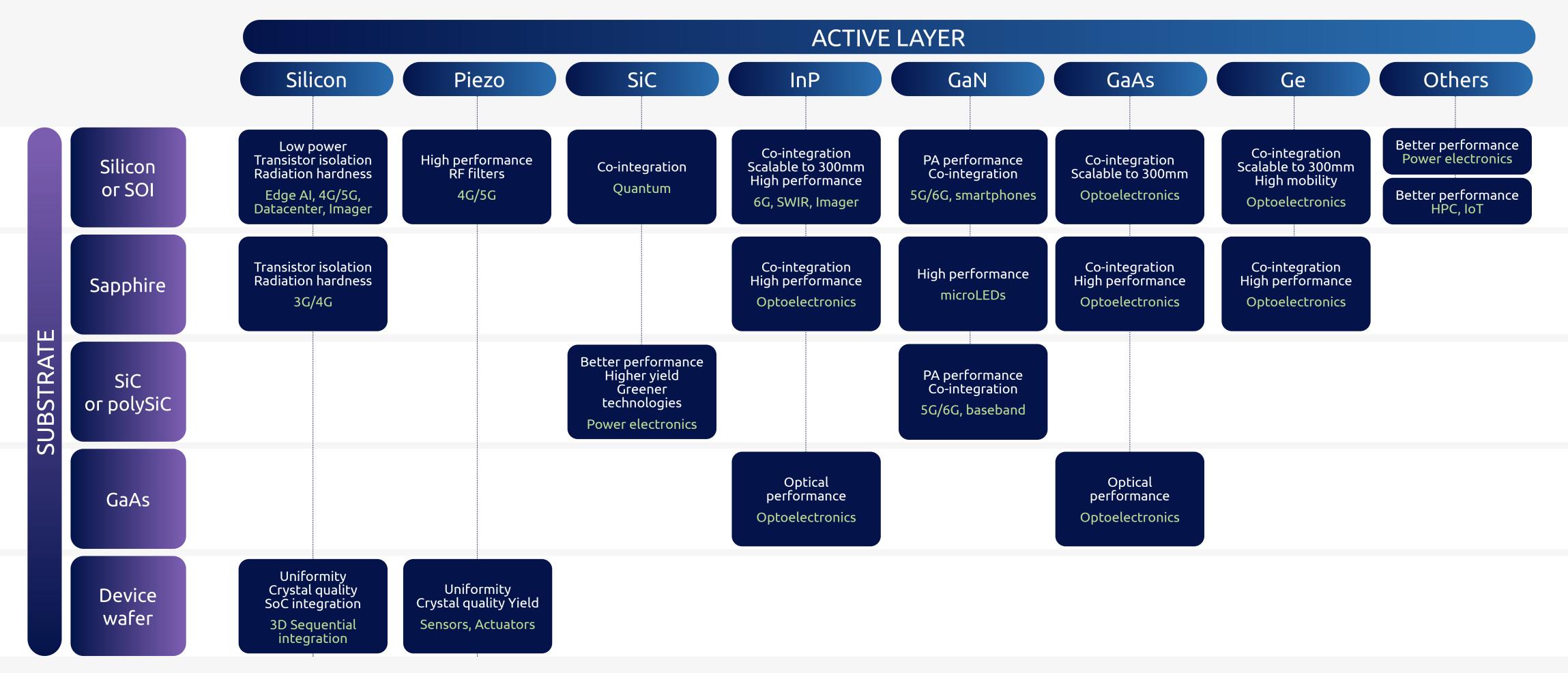








ANYTHING-ON-ANYTHING - SOITEC INNOVATION DNA ENABLING NEW PROPERTIES FOR SPECIFIC APPLICATIONS





DEPLOYING ANYTHING-ON-ANYTHING TO EXPAND INTO NEW MATERIALS

SmartSiCTM

EXPANDING TO OTHER SUBSTRATES

Smart CutTM "InP-on-Anything"

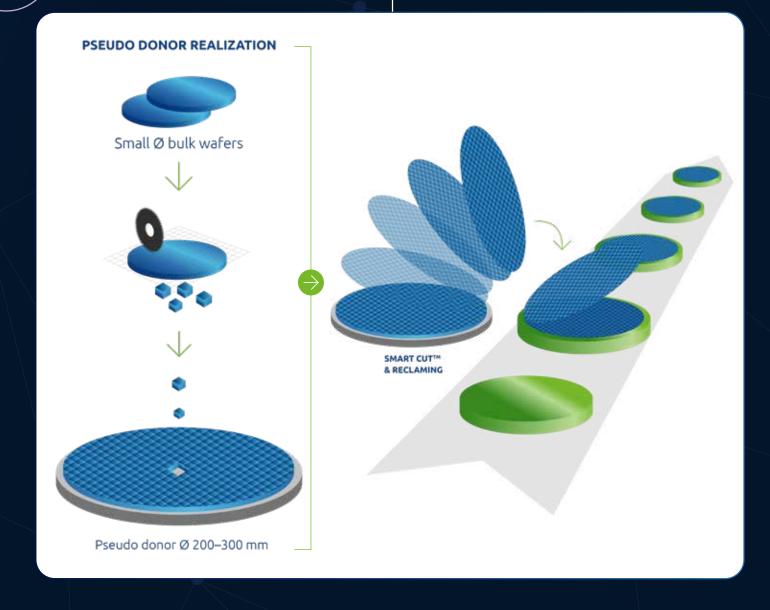
COMBINING ANY KIND OF SUBSTRATES

Tiling InP-on-Si

SCALING TO 8-12"



























TOWARD HIGH DENSITY 3D DEVICE STACKING / 3D LAYER STACKING

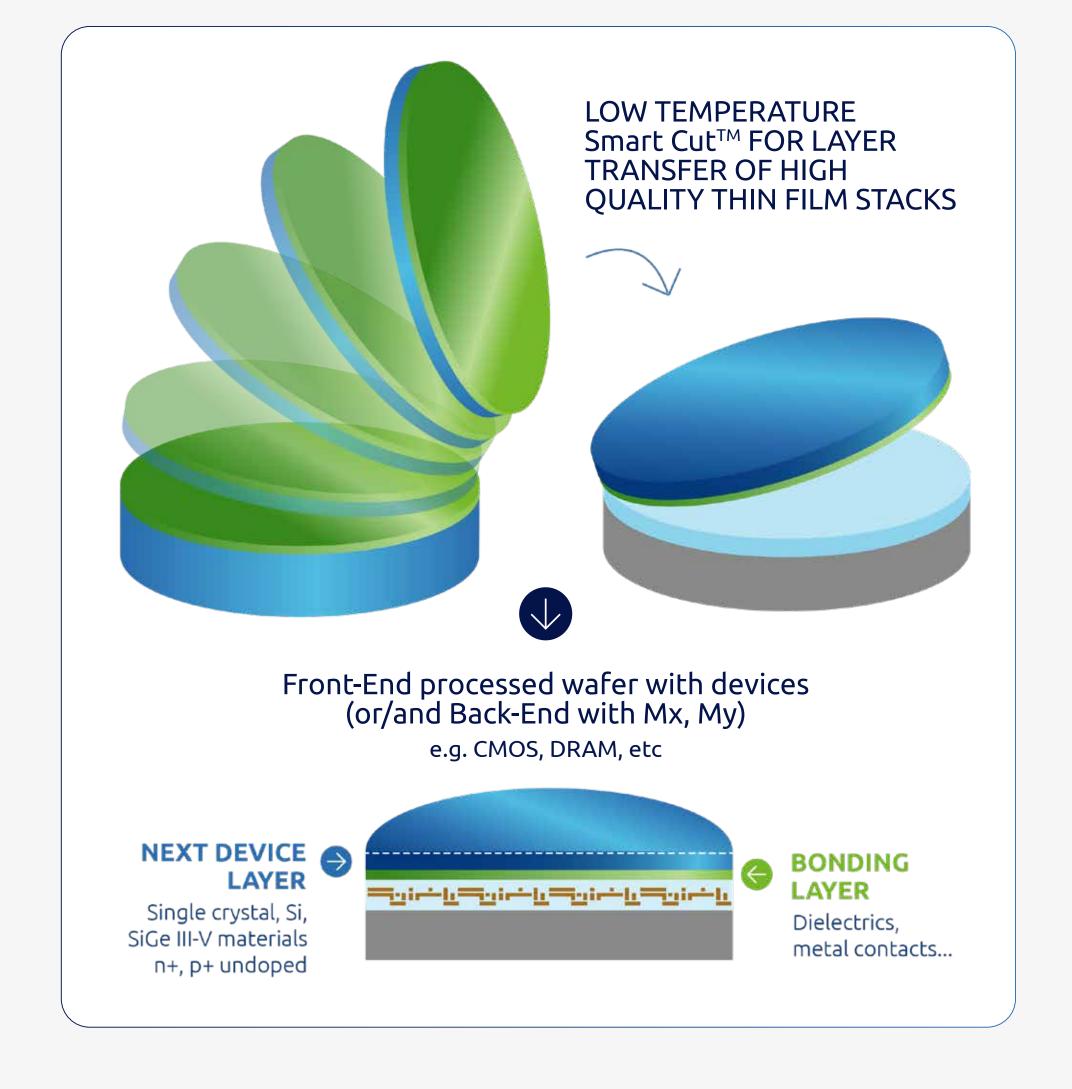
3D INTEGRATION BENEFITS

- Higher performance and density
- Higher functionality
- Smaller form factor
- Cost reduction

3D SEQUENTIAL ADDS FURTHER VALUE

- Front-End device integration
- Very dense device integration by nm alignment

























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Soitec Innovation Toolbox Expanding our technology portfolio to bring compelling products to market















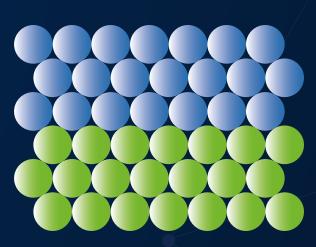




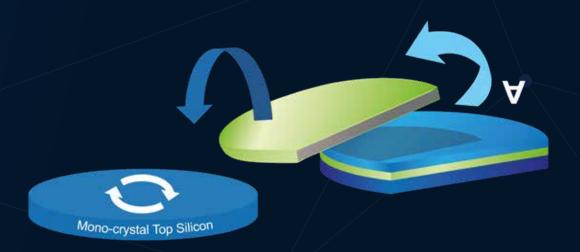
SOITEC CORE TECHNOLOGY TOOLBOX



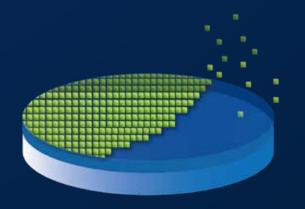
Smart Cut™



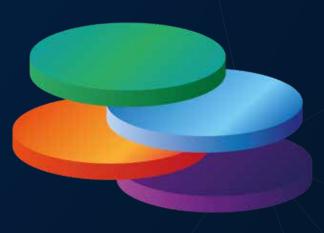
Interface Engineering



Refresh - Repolish



Epitaxy



Materials Expertise



Advanced Processing







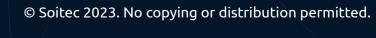




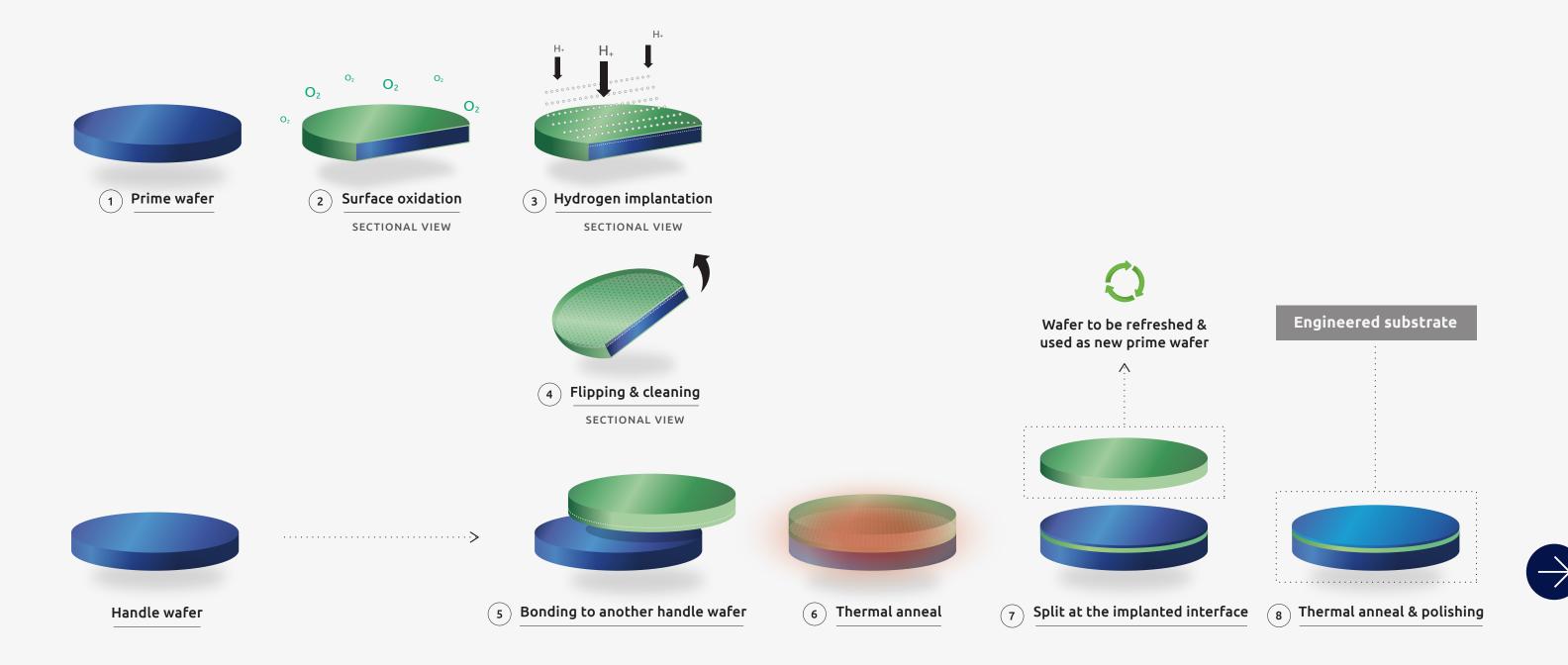


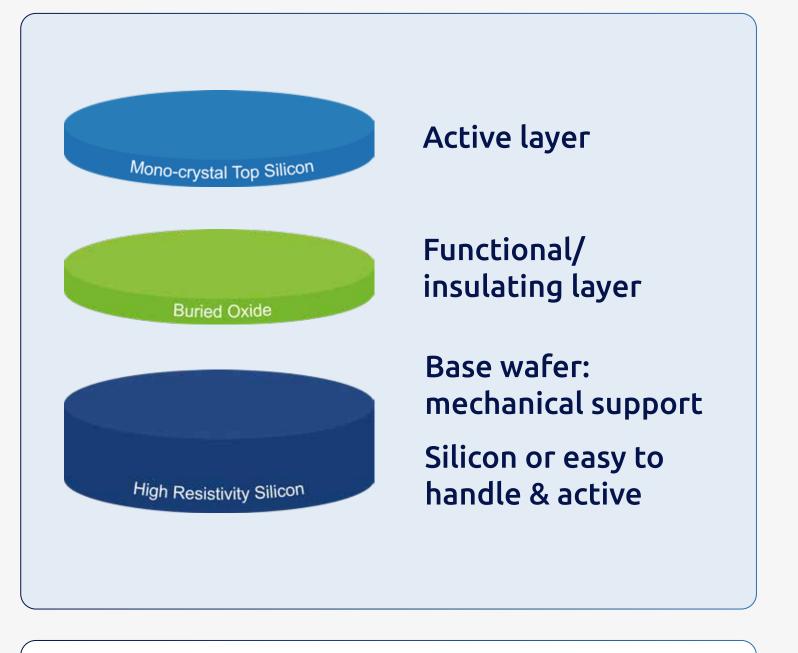






THE SMART CUTTM PROCESS CONTINUING SIGNIFICANT INNOVATION EFFORT TO DELIVER BREAKTHROUGH PRODUCTS





TECHNOLOGY

- Industrial manufacturability of SOI high yield
- Drastic improvement in uniformity & quality
- Re-use of donor wafer increases cost efficiency
- Flexibility of material integration
- Unprecedented (best-in-class) thickness control

















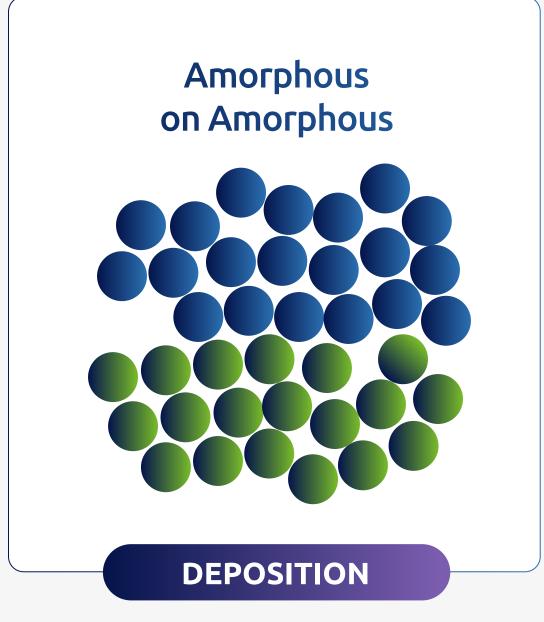


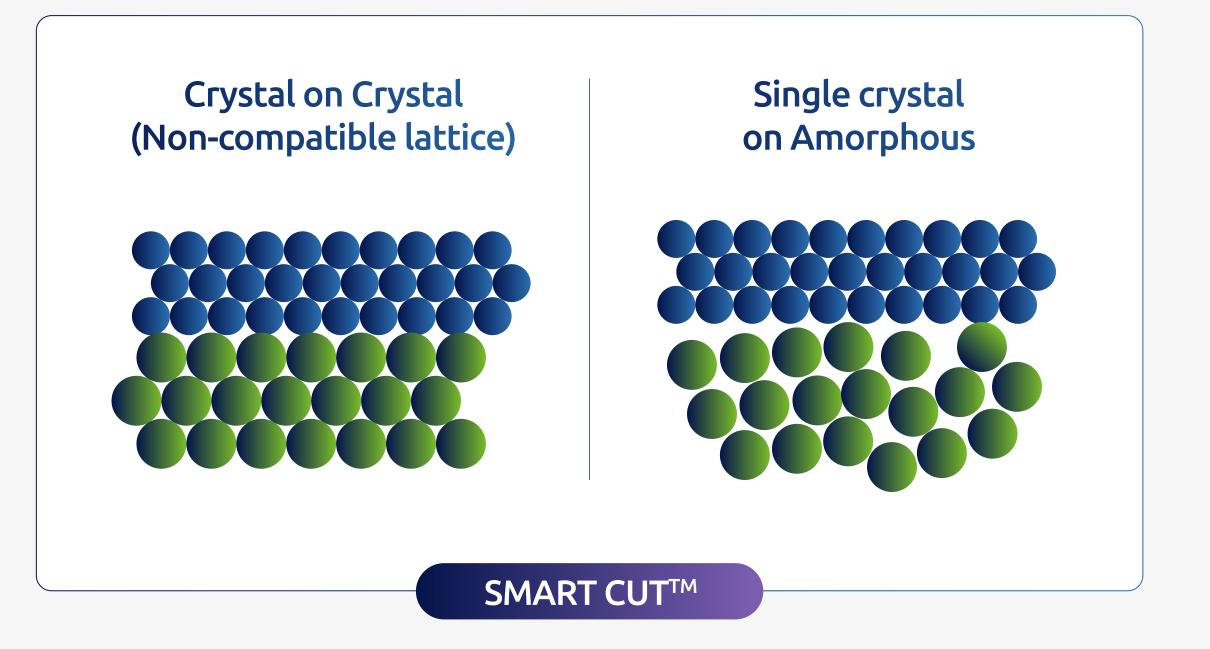


WE OPEN NEW POSSIBILITIES

SMART CUTTM ENABLES HETEROGENEOUS MATERIAL COMBINATIONS TO DEPLOY ANYTHING-ON-ANYTHING ROADMAP



















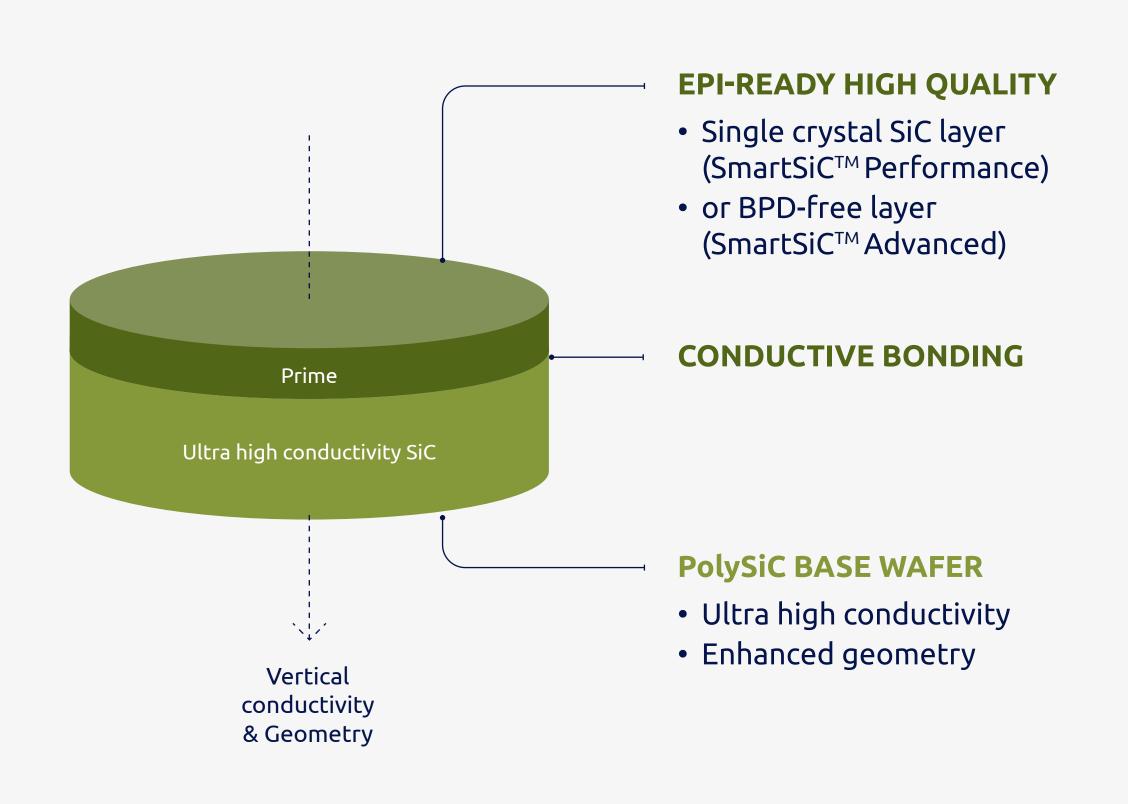








SmartSiCTM UNRIVALED VALUE PROPOSITION TO ENABLE EV ADOPTION



UNPARALLELLED VALUE PROPOSITION

- 40,000 Tons of CO₂ reduction for each 1 million wafers vs SiC
- 200mm scalability to accelerate SiC adoption by 2 years through 10x re-usability
- Enabling new generations of SiC devices thanks to an improvement of R_{DSON} of up to 20%
- Reducing CAPEX & OPEX for device manufacturers

>10x

MONO-SIC WAFER RE-USABILITY

POLY-SIC WAFER BETTER CONDUCTIVITY





















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SmartGaN SOITEC SOLUTION FOR FUTURE RF & POWER DEVICES

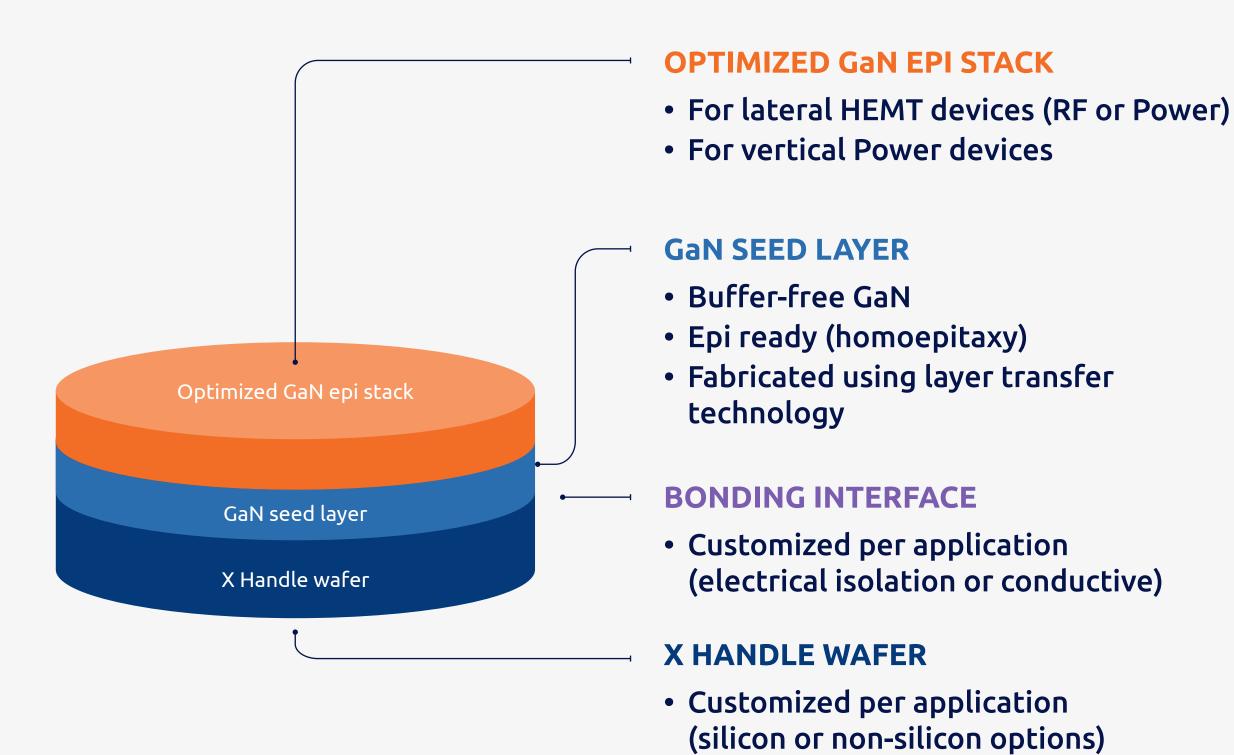
VALUE PROPOSITION

RF: NEXT GENERATION OF GaN DEVICES FOR INFRASTRUCTURE AND SMALL CELLS, HANDSET

- Enables best in class RF performance (buffer-free)
- PA Integration with Switch
- Cost-effective

POWER: NEXT GENERATION OF GAN DEVICES FOR AUTOMOTIVE AND INDUSTRIAL

- Enables very thick GaN epi stack (buffer-free)
- Best trade-off up to 1200V devices
- Excellent thermal and electrical conductivity
- Compatible with advanced packaging



















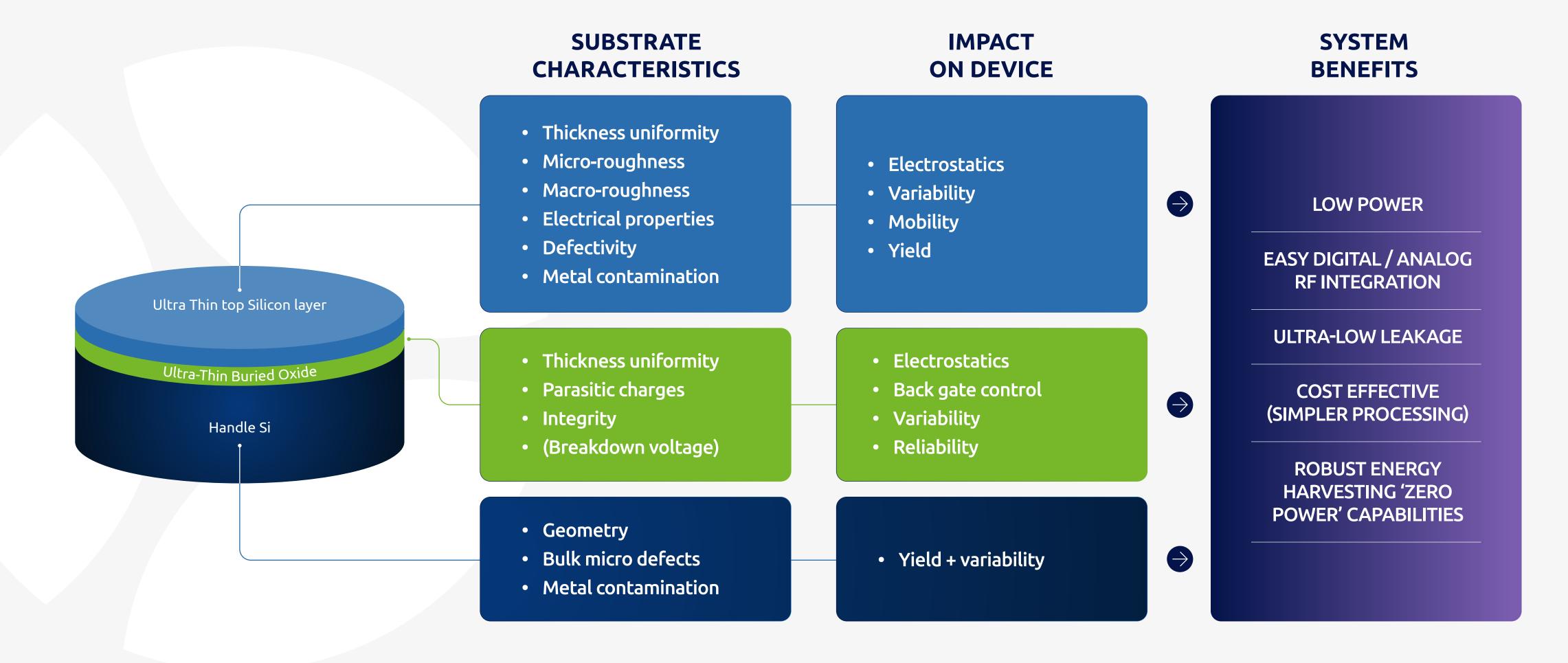


• Thermally conductive material

• 200mm wafer size, compatible with CMOS fab

• Cost effective (scalable to very large volumes)

ACTIVE DEVICE LAYER MANAGEMENT - FD-SOI PERFORMANCE ALREADY EMBEDDED IN THE SUBSTRATE























Soitec Innovation Model Speed and strategic partnerships are key to gain market shares







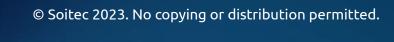












BALANCING SHORT TERM INNOVATION AND FUTURE OPPORTUNITIES

20% 80%

2023

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 **SOI for MEMS**

To support future opportunities and growth

DISRUPTIVE INNOVATION

Tiling for large diameters

2027

InP - photonics, 6G

Compound integration

2.5D/3D

Materials science









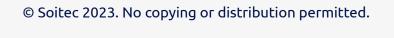








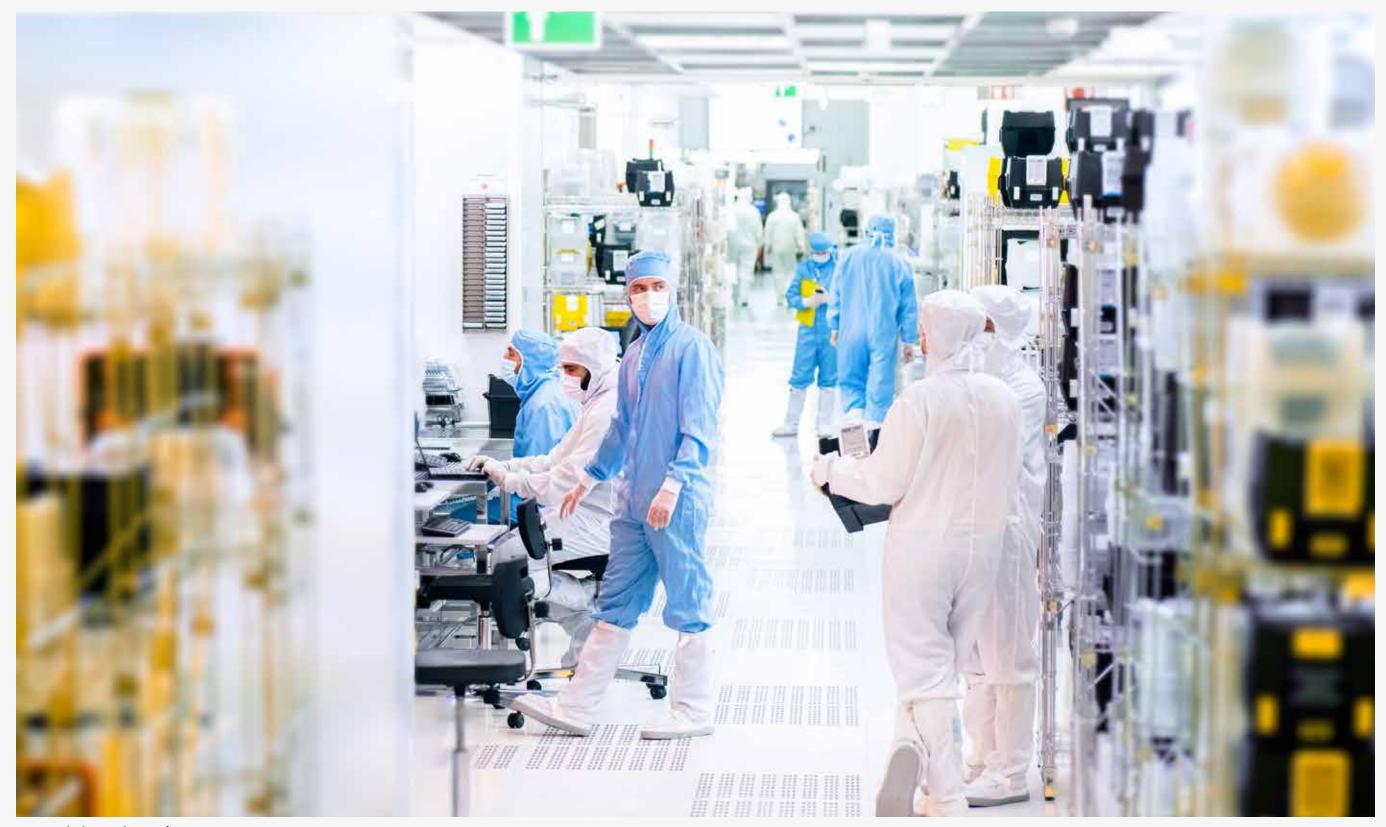




2030

SUBSTRATE INNOVATION CENTER

UNIQUE CAPABILITIES FOR INNOVATIVE SUBSTRATE TECHNOLOGIES





Pilot Line at CEA-Leti for early prototyping of new substrate technologies (focus on lead time and quality)





INFRASTRUCTURE

- On-site dedicated engineers from Soitec
- World-class material characterization lab and metrology
- Large choice of equipment / toolset
- Comprehensive materials science & engineering
- Collaboration with strategic equipment suppliers

PROGRAMS

- SmartSiC™
- New generation FD-SOI and RF-SOI
- 300mm InP-on-Si
- Low temperature Smart Cut[™] for 3D integration



















PARTNERING WITH LEADING INNOVATION PLATFORMS

TO DEVELOP THE NEXT GENERATION OF ENERGY-EFFICIENT TECHNOLOGIES













unec















TRANSFORM

BUILDING A EUROPEAN SIC VALUE CHAIN FOR SUSTAINABLE E-MOBILITY



7 EU COUNTRIES 33 PARTNERS

Demonstrate SmartSiC™ added value for greener e-mobility

Innovation accelerator through Pilot line approach

Market adoption vector through full value chain approach

Secure a European SiC value chain for a sustainable and sovereign economy























SPEED IS OF THE ESSENCE UNIQUE CAPABILITIES TO ACCELERATE TIME-TO-MARKET

Speed allows for successful innovation success rate on milestones

OUTPACE

Innovate faster than others to strengthen and expand competitive edge

DECIDE

Fast and systematized decision making on technology development

MONITOR

Speed as an indicator of quality and success of our innovation process

INTEGRATE

Speed as a key to integration between Innovation & Production

SmartSiCTM RECORD LAB-TO-FAB TIMING INCLUDING MOST ADVANCED DEVICE VALIDATION

First time

Right first time for new substrate proof of value (advanced device)

'Lab-to-fab'

Pilot lines supporting disruptive new technologies Tool of Record definition and protocol shipments

4-years

From first wafer to industrialisation / commercialisation / licensing













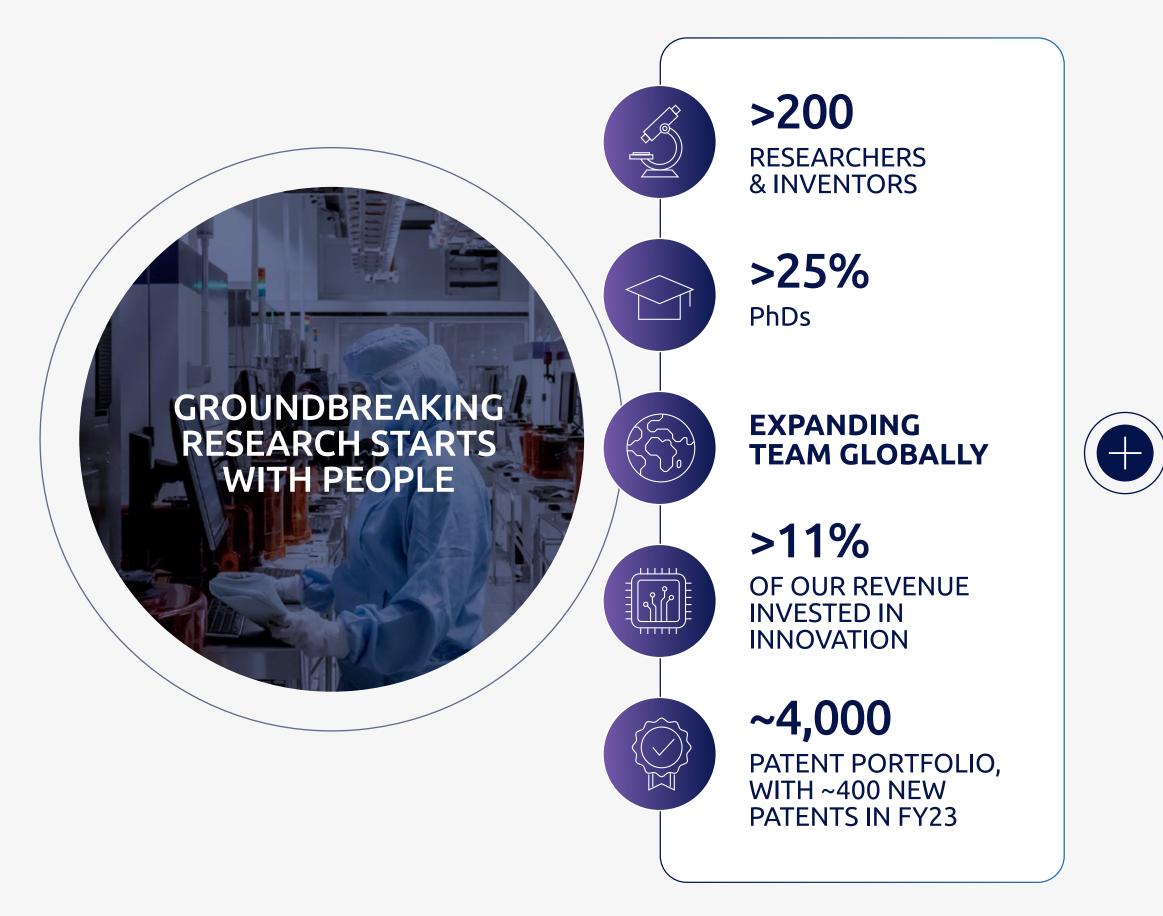








INNOVATION MODEL TO EXPAND SOITEC LEADERSHIP

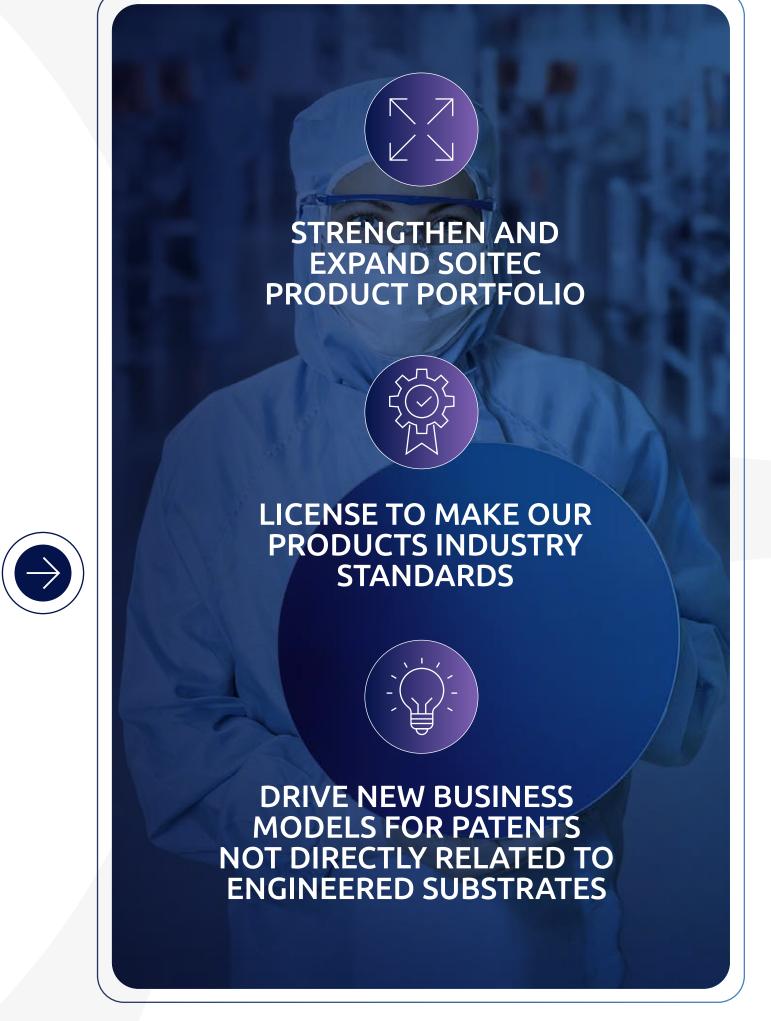




INNOVATION **PROCESS**

INNOVATION TOOLBOX

COLLABORATIVE **R&D ECOSYSTEM** (MULTI-REGIONS)





















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INNOVATION KEYMESSAGES

SOITEC INNOVATION ROADMAP LEVERAGING MATERIALS SCIENCE TO DELIVER VALUE AT SYSTEM LEVEL

- Innovation is a key growth enabler
- Engineered substrates deliver value at system level
- By design, our products are at the heart of energy efficiency
- Anything-on-Anything, the engine to expand into new markets: taking the best out of each layer to address tomorrow's challenges

SOITEC INNOVATION TOOLBOX

EXPANDING OUR TECHNOLOGY PORTFOLIO TO BRING COMPELLING PRODUCTS TO MARKET

- A comprehensive toolbox to open new possibilities and create cutting-edge materials
- Smart Cut: the essence of Soitec Innovation approach, to push the boundaries of materials science
- SmartSiC[™] and SmartGaN: 2 new compelling products

SOITEC INNOVATION MODEL

SPEED AND STRATEGIC PARTNERSHIPS ARE KEY TO GAIN MARKET SHARES

- Strengthening our products leadership and investing in disruptive innovation
- Building a network of leading innovation platforms across the value chain
- Speed is of the essence to intercept market opportunities



















MOBILE COMMUNICATIONS

Jean-Marc Le Meil



















GROWTH DRIVERS MOBILE COMMUNICATIONS

5G Sub-6GHz

Advancing 5G for a connected society

- 5G penetration ongoing, from ~50% of smartphones in 2022 to ~60% in 2023
- 5G Sub-6GHz drives large increases in RF Content (>x2 vs 4G)
- New wave of 5G products offering critical support for driving assistance, XR, IoT and many others

5G mmWave

Essential to secure network capacity in busy areas requiring high data-rate

- ~15% of 5G smartphones to support mmWave in 2023
- Last mile fiber complement (FWA)
- AR/VR everywhere
- 5G smart factory & private networks

WI-FI 6, 6E & 7 / UWB

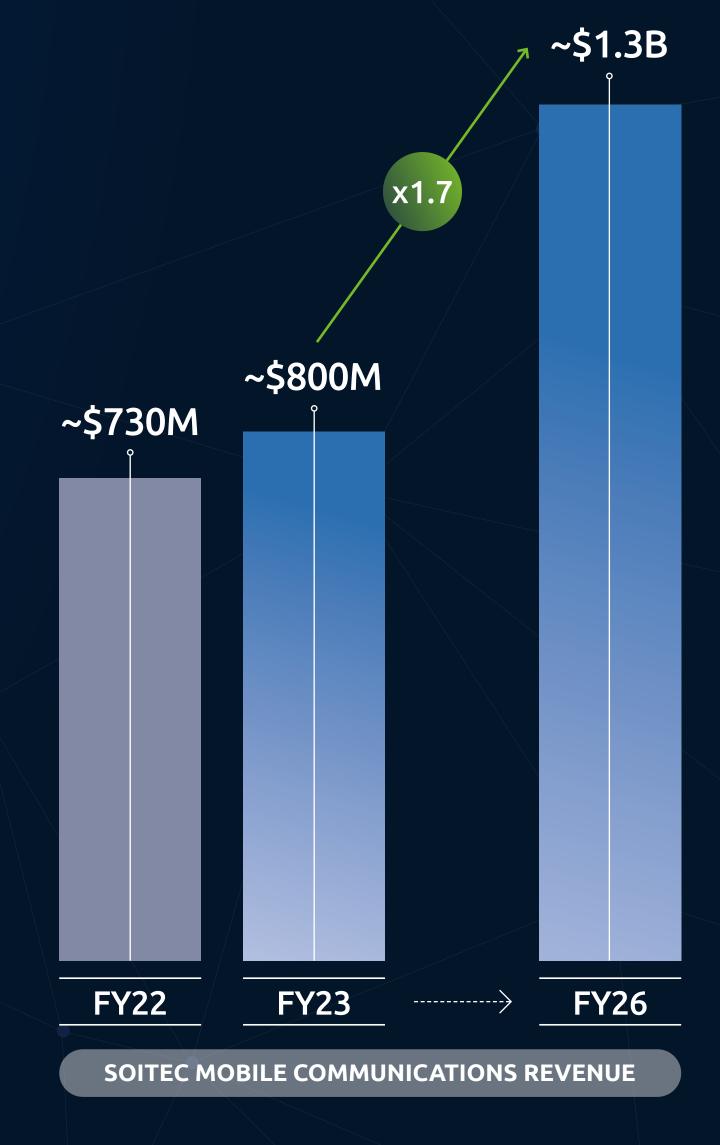
Quality, security, low latency and reliability for a multitude of connected objects

- Ever-increasing number of connected objects in the smart-home
- ~x2 growth in mobile Wi-Fi 6/6E/7 in 2025 (vs 2022)
- Complementing 5G in demanding commercial and industrial scenarios

INFRASTRUCTURE

Accelerated worldwide deployment ensuring efficient scalability

- Power efficient, compact form-factor & weight 5G massive MIMO
- Continuous mmWave coverage expansion with network cost optimization - smart repeaters

























5G THE NEW ENGINE BEHIND OUR CONNECTED SOCIETY



Public networks **Enhanced Mobile** communications



XR (VR/AR/MR) Remote working and training, virtual fitting, entertainment



Smart transportation Connected, safer and autonomous vehicles



Fixed Wireless Access (FWA) Ultra high-speed connection in areas with no access to fiber



Industry 4.0 Factories, warehouses, predictive maintenance



Massive IoT Wearables, transportation, smart sensors



Private 5G networks Tailored 5G connection for enterprise individual safer networks



Non-Terrestrial Networks (NTN) Interoperable and standardized wireless experience worldwide











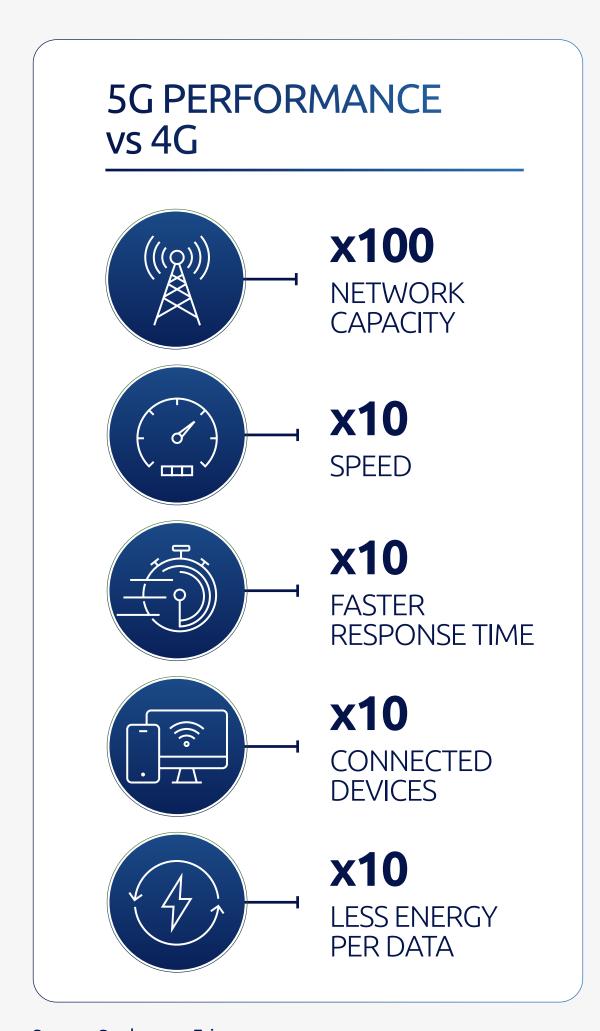


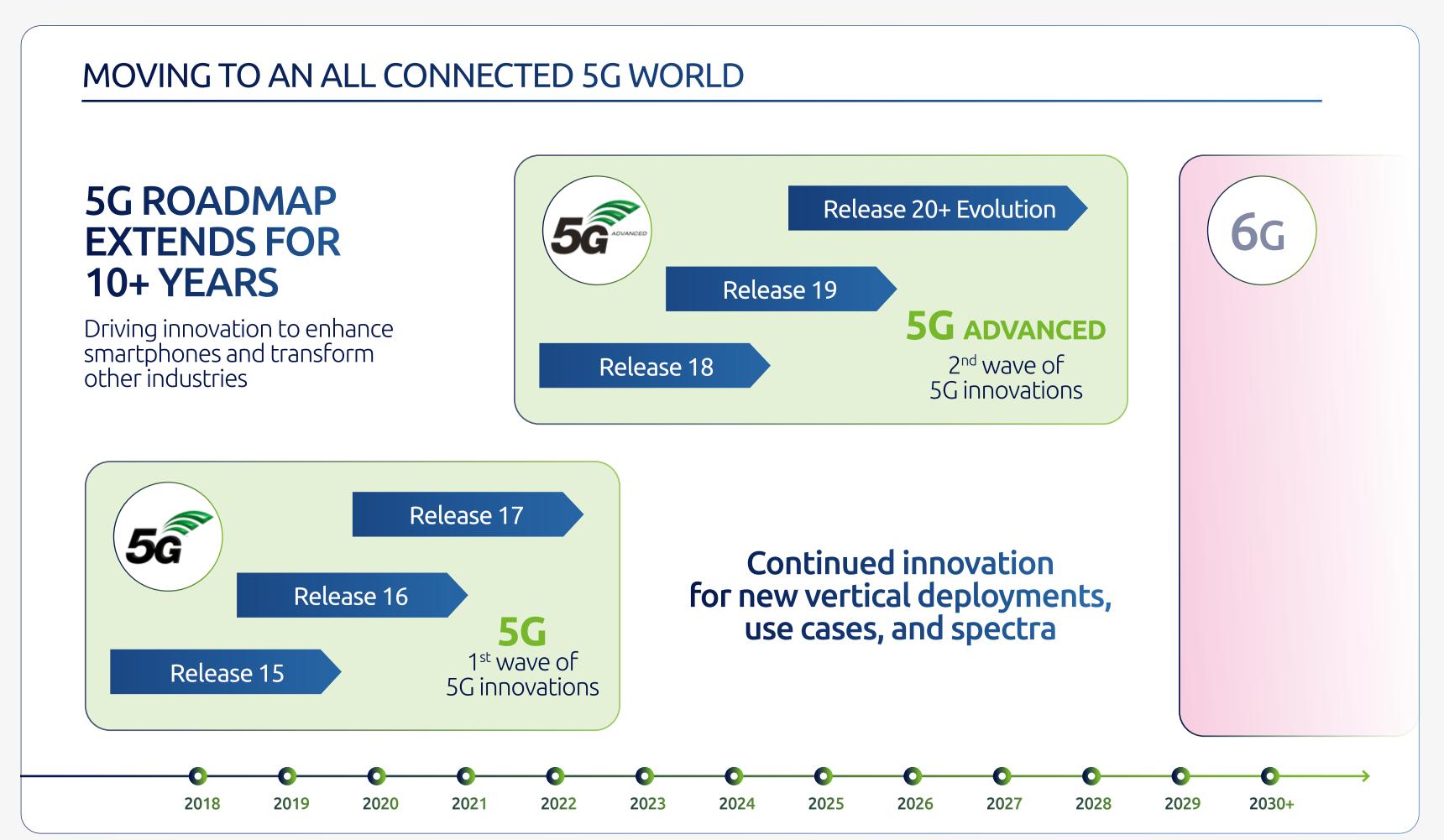






5G IS TRANSFORMING THE WORLD





Source: Qualcomm, Ericsson





















5G THE X-FACTOR



x10

MOBILE DATA TRAFFIC 2020-2028 **x2**

ANTENNAS

x2

MAX **FREQUENCY**

x2

BANDWIDTH

x4

FREQUENCY COMBINATION

NEW 28, 39, ...GHz



Sub-6GHz

mmWave

x2

LNA - Switch - Tuner Continuous improvement

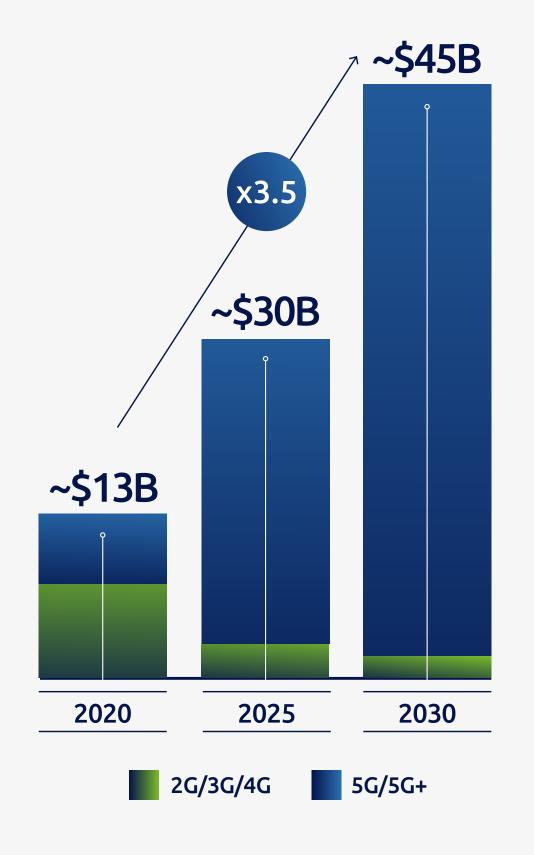
x1.2

Filters **Need for** integration

NEW

Active Antenna In Package **Need for** disruption

MOBILE FRONT-END-MODULE **SEMICONDUCTOR MARKET**



Source: Soitec estimates, Ericsson Mobility Report 2022 Note: x factors are on average 5G vs 4G phones, Yole













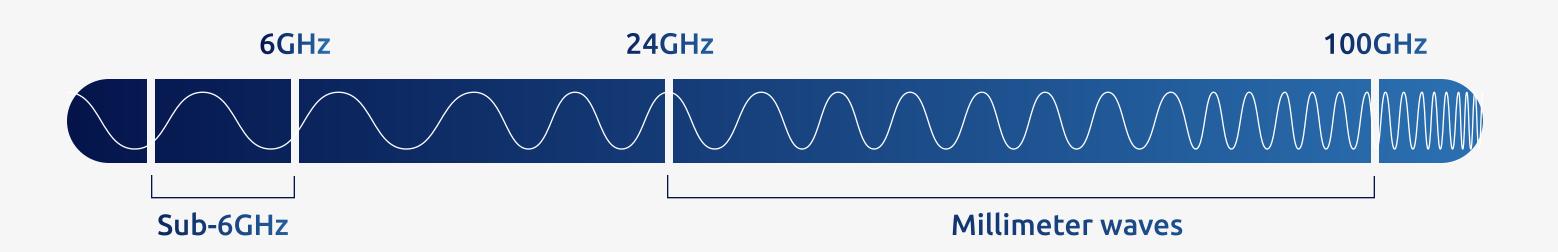






5G mmWave EXPANDING 5G BOUNDARIES

25x MORE BANDWIDTH THAN 4G



HIGH DATA RATES AND LOW LATENCY FOR NEW USE CASES



Crowded area capacity



Last-mile fiber complement



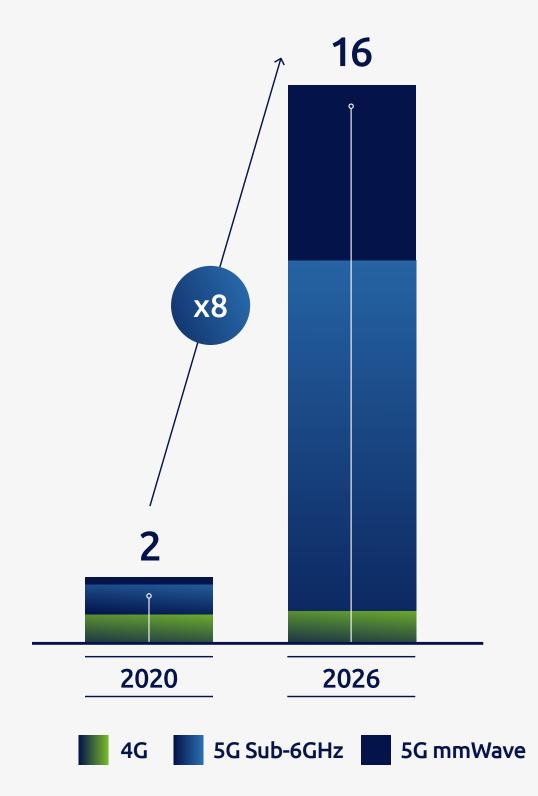
AR / VR everywhere



5G Smart Factory

5G mmWave REQUIRED TO ADDRESS GROWING DATA TRAFFIC

US Mobile network capacity (EByte/month)



Source: Mobile Experts











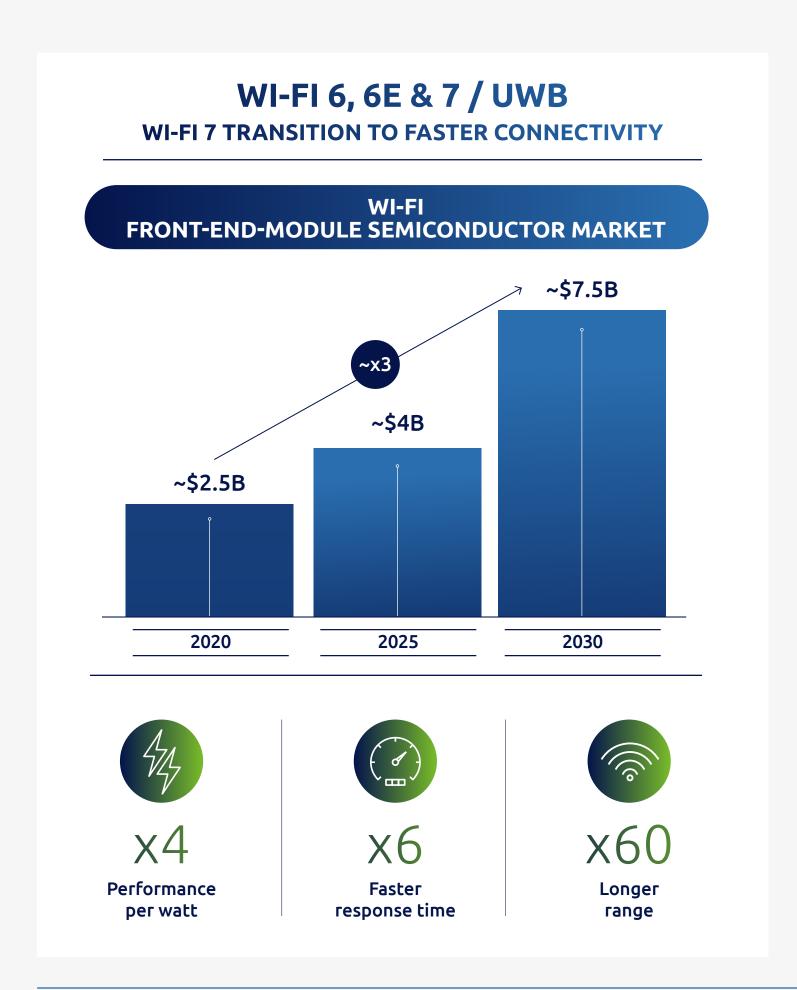


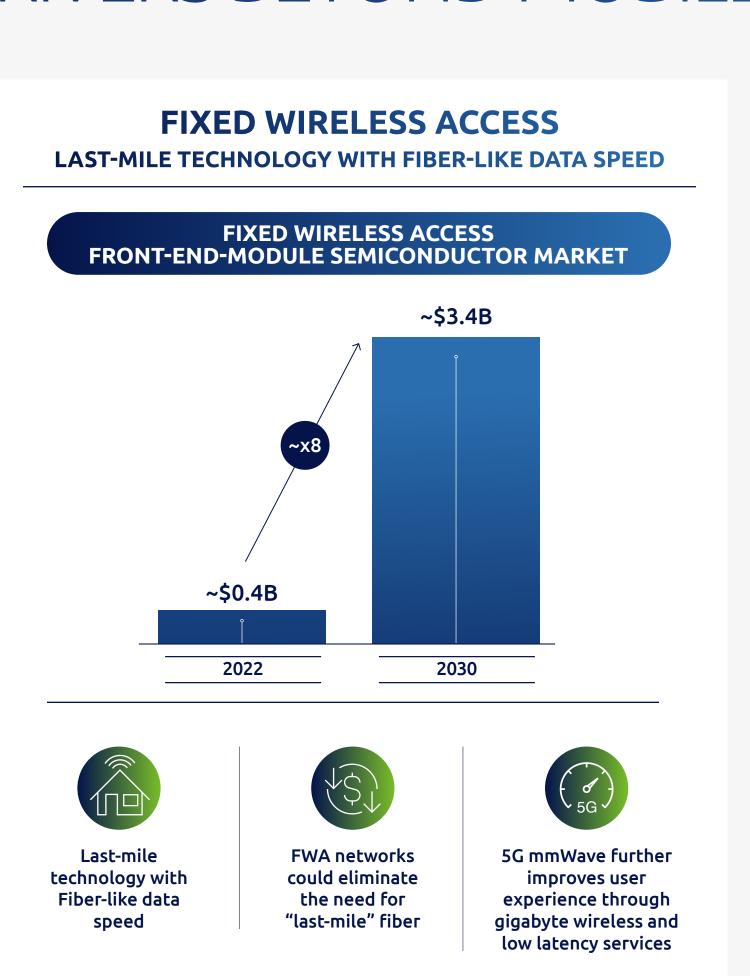


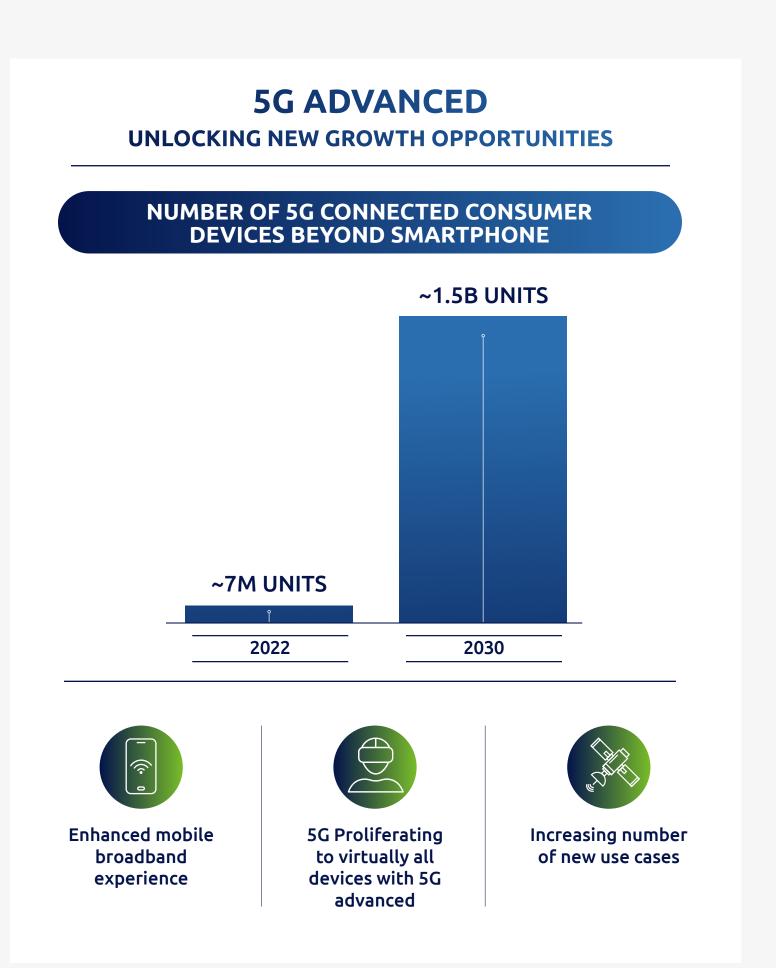




5G SIGNIFICANT GROWTH DRIVERS BEYOND MOBILE



















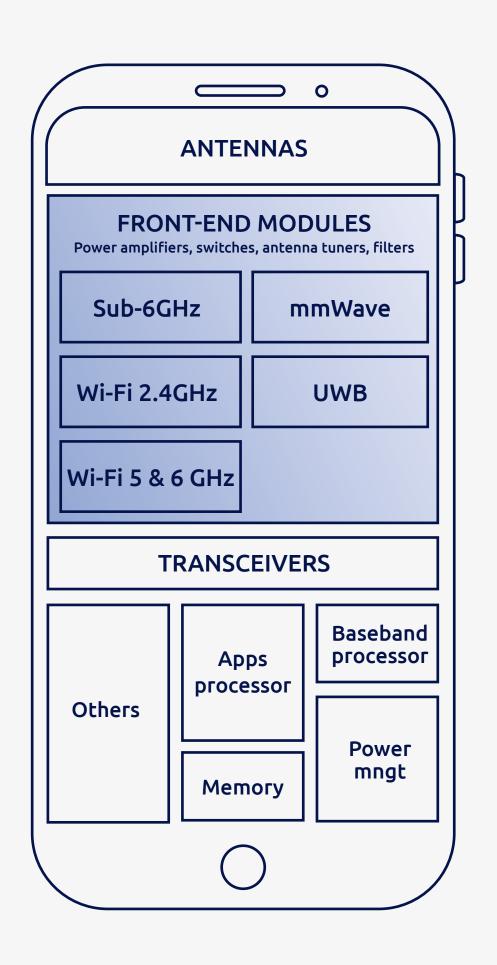


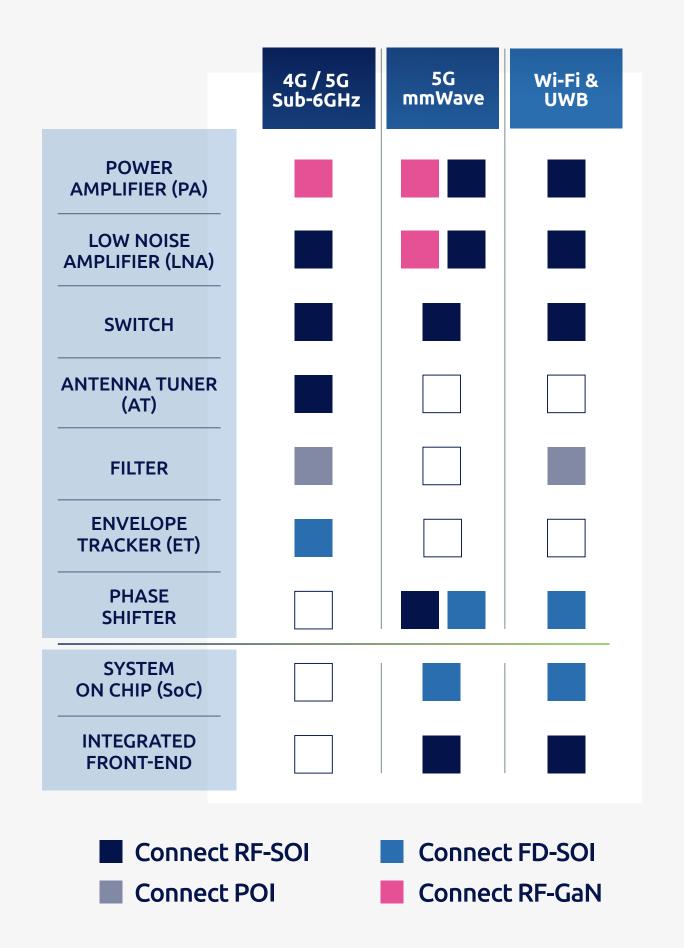


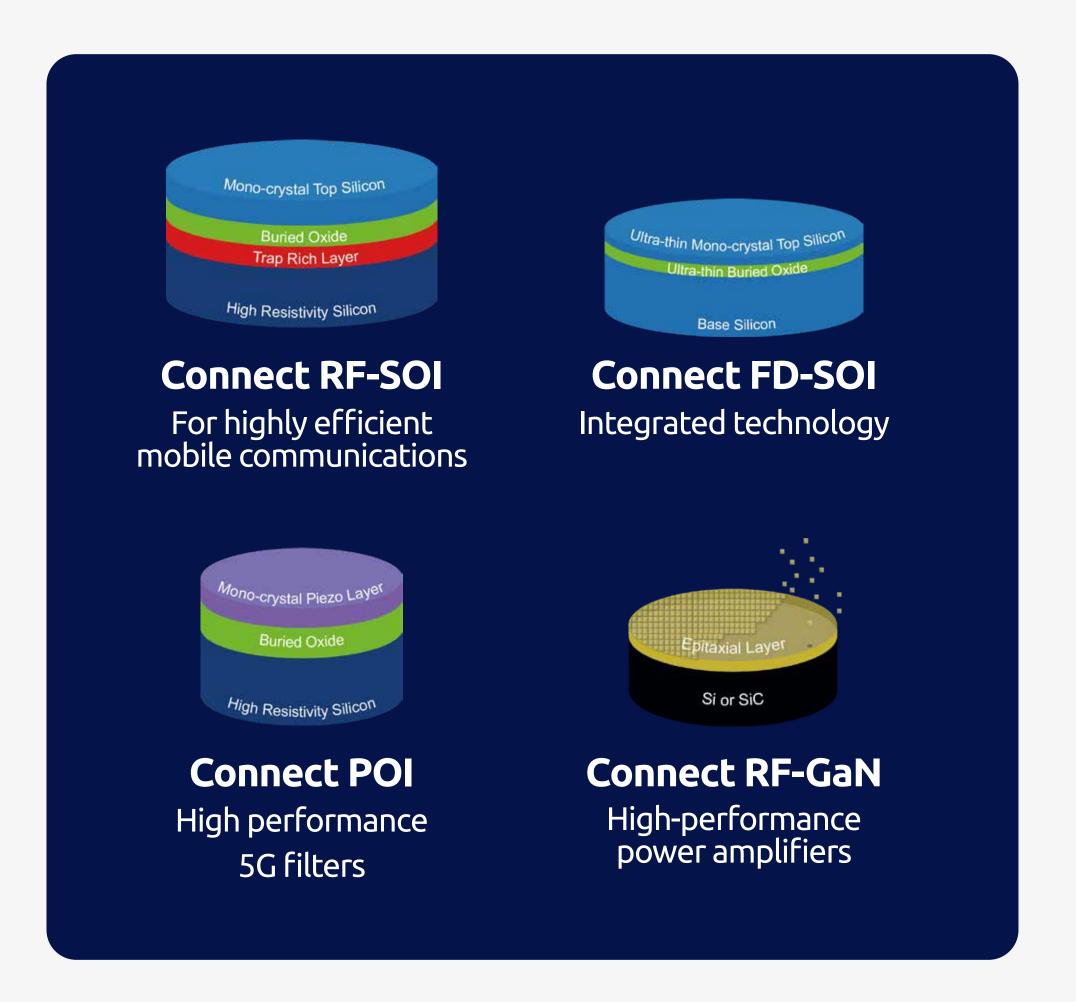




SOITEC PRODUCT PORTFOLIO ENABLES BEST-IN-CLASS CONNECTIVITY A COMPREHENSIVE OFFER FOR Sub-6GHz & mmWave FRONT-END MODULES

















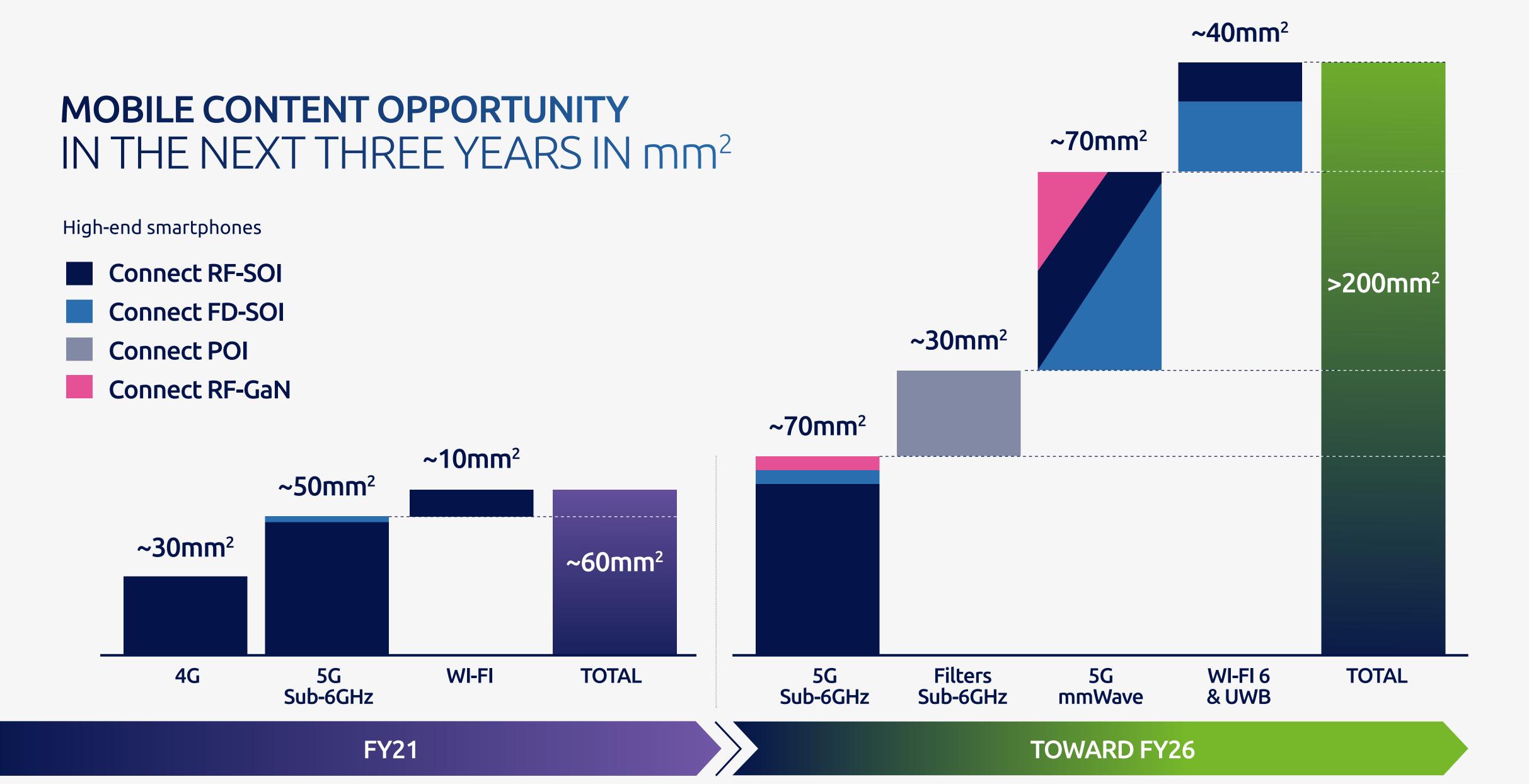








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MOBILE PRODUCT PORTFOLIO CONNECT RF-SOI

Connect RF-SOI embedded in 100% of 5G smartphones

CONNECT RF-SOI IS TARGETING NEW 5G VERTICALS



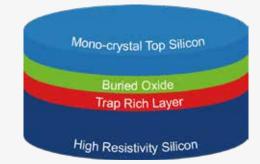


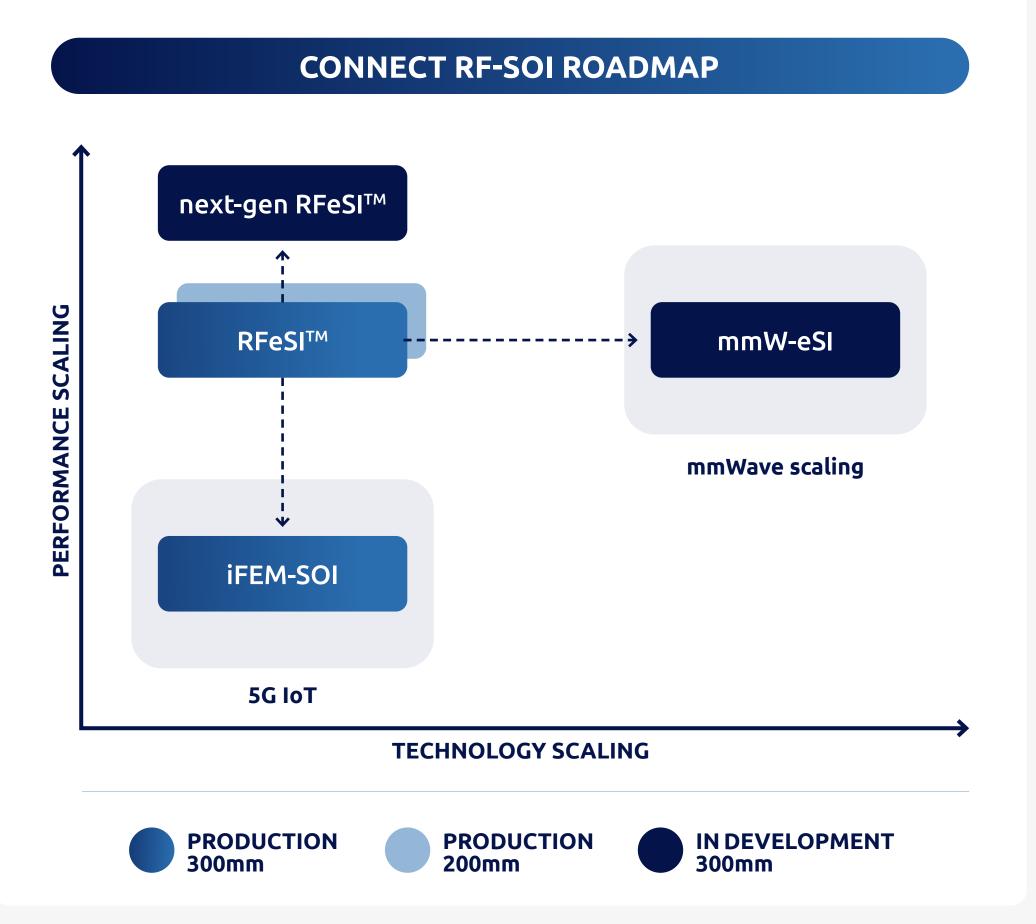
































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MOBILE PRODUCT PORTFOLIO CONNECT FD-SOI









Google Pixel 7 Google Pixel 7 Pro



Motorola Edge (2022)







Images source: store.google.com, motorola.com, samsung.com









HIGH QUALITY & EXTENDED

5G mmWave LINK



OUR FD-SOI SUBSTRATE ENABLES

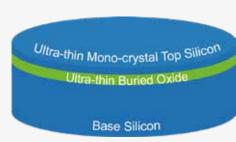
>10% BATTERY

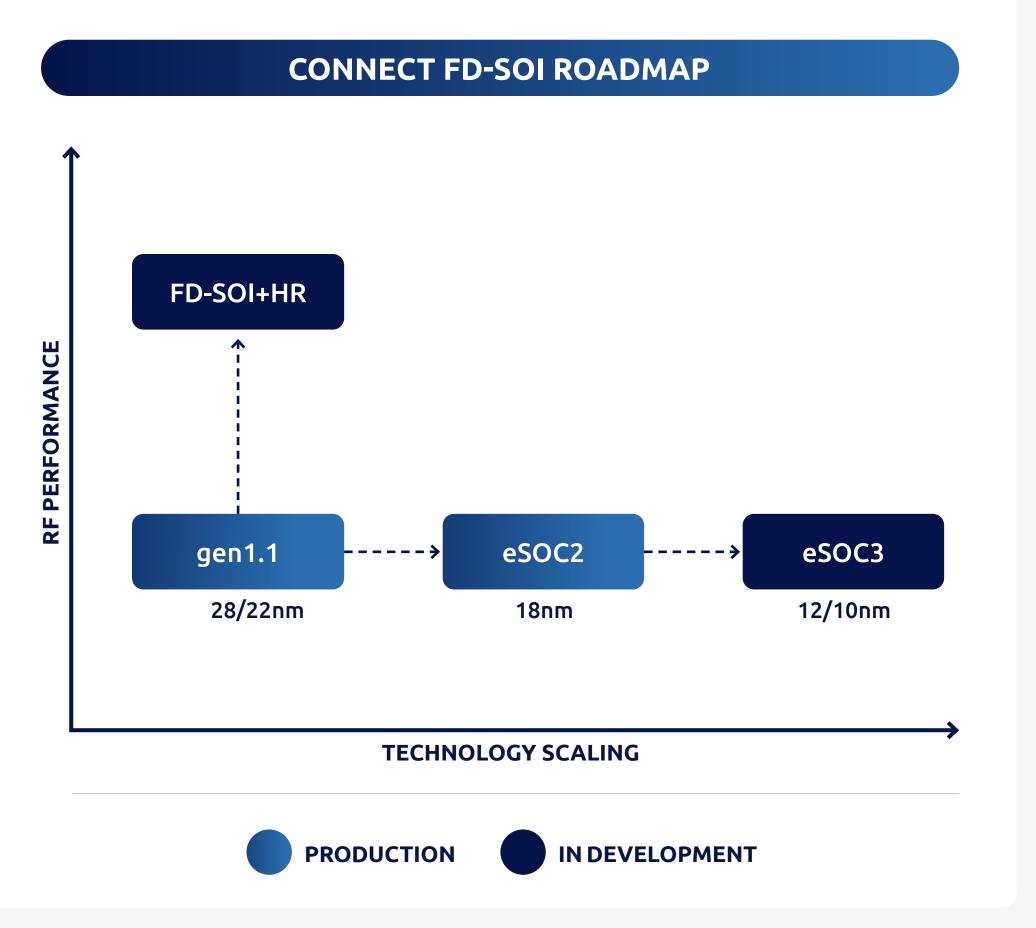
POWER SAVING







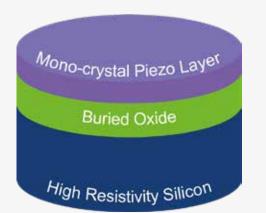






MOBILE PRODUCT PORTFOLIO CONNECT POI





NEW 5G CHALLENGES

x10 Filter paths

x2 Bandwidth

x2 Power requirement

FILTER CHALLENGES

More multiplexing

High quality factor & better coupling factor

Better insertion losses

Better temperature stability

Manufacturing cost

POI VALUE

Multiplexer die integration

x2 quality factor

Coupling factor up to 20%

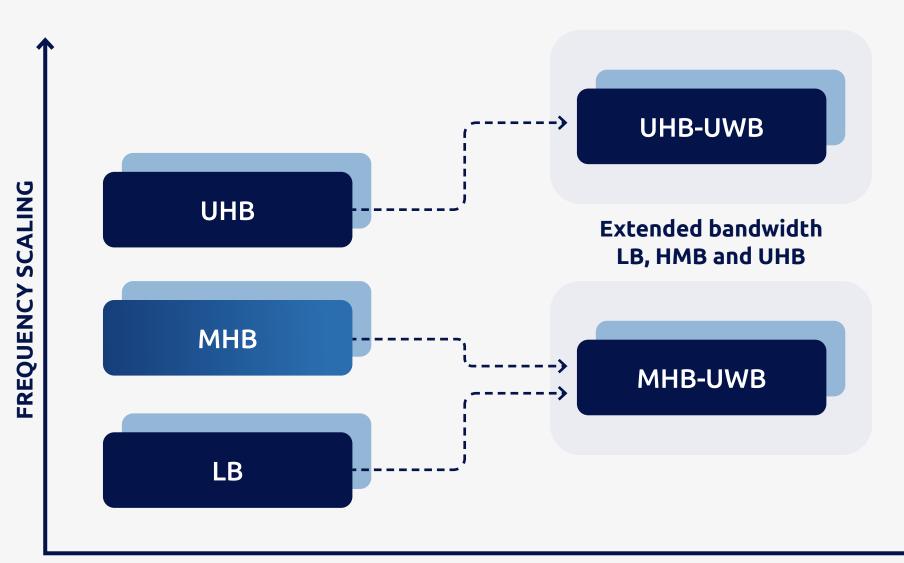
Insertion losses <1dB

x2 lower temperature drift

Simpler manufacturing process

200mm scaling

CONNECT POI ROADMAP



OUR POI SUBSTRATE ENABLES



BETTER FILTER PERFORMANCE



BATTERY POWER SAVING



OPTIMIZED FILTER BOM FOOTPRINT

BANDWIDTH SCALING

LB: LOW BAND (0.6-1GHz)

MHB: MID-HIGH BAND (1.4-2.7GHz)

UHB: ULTRA HIGH BAND (>3.3GHz)



PRODUCTION 150mm



IN DEVELOPMENT



IN DEVELOPMENT

















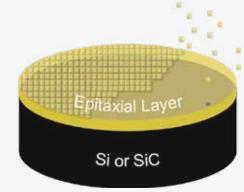




200mm

MOBILE PRODUCT PORTFOLIO CONNECT RF-GaN







GaN technology is a standard for RF power amplifiers in 5G MIMO base stations

GaN-on-Silicon is penetrating 5G base station market for 5G radio cost reduction



GaN technology will meet new 5G mobile requirements with new power class devices and new 5G bands

SOITEC CONNECT RF-GaN SOLUTION FOR MOBILE AND INFRASTRUCTURE

Unique expertise to capture **GaN-on-Si** long-term trend for Mobile and Infrastructure

Strong experience to serve high volume manufacturing markets Long-term roadmap to meet higher RF performances with GaN-on-SOI

CONNECT RF-GaN ROADMAP GaN-on-SiC GaN-on-Si GaN-on-SOI* (150 & 200 mm) **5G Base stations** GaN-on-Si* GaN-on-SOI* **5G Smartphone** * low voltage compatible **RF PERFORMANCE** IN DEVELOPMENT IN DEVELOPMENT **PRODUCTION** 150mm 150mm **200mm**



















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MOBILE COMMUNICATIONS KEY MESSAGES

5G, 5G ADVANCED AND mmWave ARE THE ENGINES OF MOBILE **COMMUNICATION GROWTH**

- 5G penetration progressing with ~60% smartphones supporting 5G in 2023
- Mobile content opportunity x2 in the next 3 years for Soitec Product Portfolio
- Leveraging a new wave of 5G penetration beyond smartphones, connecting everything and everywhere

MORE ROBUST, EFFICIENT AND COMPACT WI-FI **CONNECTIVITY SYSTEM**

- Wi-Fi 6E and next gen Wi-Fi 7 will offer better user connectivity experience
- Connect RF-SOI makes Wi-Fi connection seamless, with improved battery efficiency and with full die integration
- Connect FD-SOI leverages SoC digital scaling and RF integration benefits combined with integrated Bluetooth and Wi-Fi capabilities

DEPLOYING SCALABLE PRODUCT ROADMAPS

- Extend Connect SOI portfolio to new 5G verticals
- Extend Connect POI to penetrate the Filter market through all band segments from LB to UHB
- Extend Connect RF-GaN from infrastructure to Mobile with 200mm technology scalability



















AUTOMOTIVE & INDUSTRIAL

Emmanuel Sabonnadière





















GROWTH DRIVERS AUTOMOTIVE & INDUSTRIAL

AUTOMOTIVE – In vehicle

Car increasingly becoming a connected hub

- In-vehicle Networking
- In-vehicle Sensors & Actuators
- Power Management IC (PMIC)
- System Basis Chip (SBC)
- Multimedia application processor
- Class D audio amplifier

AUTOMOTIVE – Edge computing

Improving automation features to improve functional safety

• Front, Rear, Edge & imaging radars

MCU/MPU

- Zonal / Edge Computing

LiDARs

- Vision / Data Fusion Processor
- Airbag / Braking system

AUTOMOTIVE – Powertrain

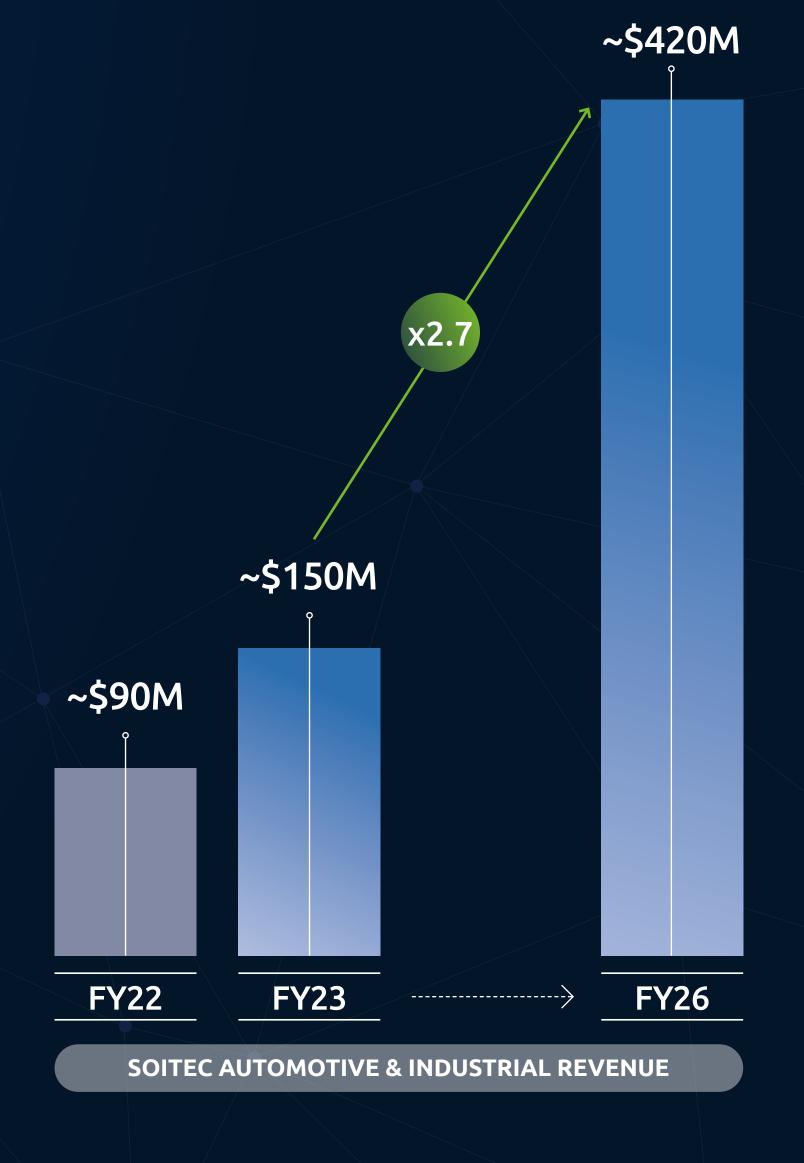
Accelerating Electric Vehicle adoption

- Powertrain / Traction inverter
- On-Board Charger
- Battery Management System
- DC-DC converter

INDUSTRIAL – Industry 4.0

Enabling factories of the future with more safety, automation and efficiency

- Solar field DC/AC stations
- Motor drive & gate driver
- Power converter
- PMICs & SBCs
- Low CO₂ footprint power devices

















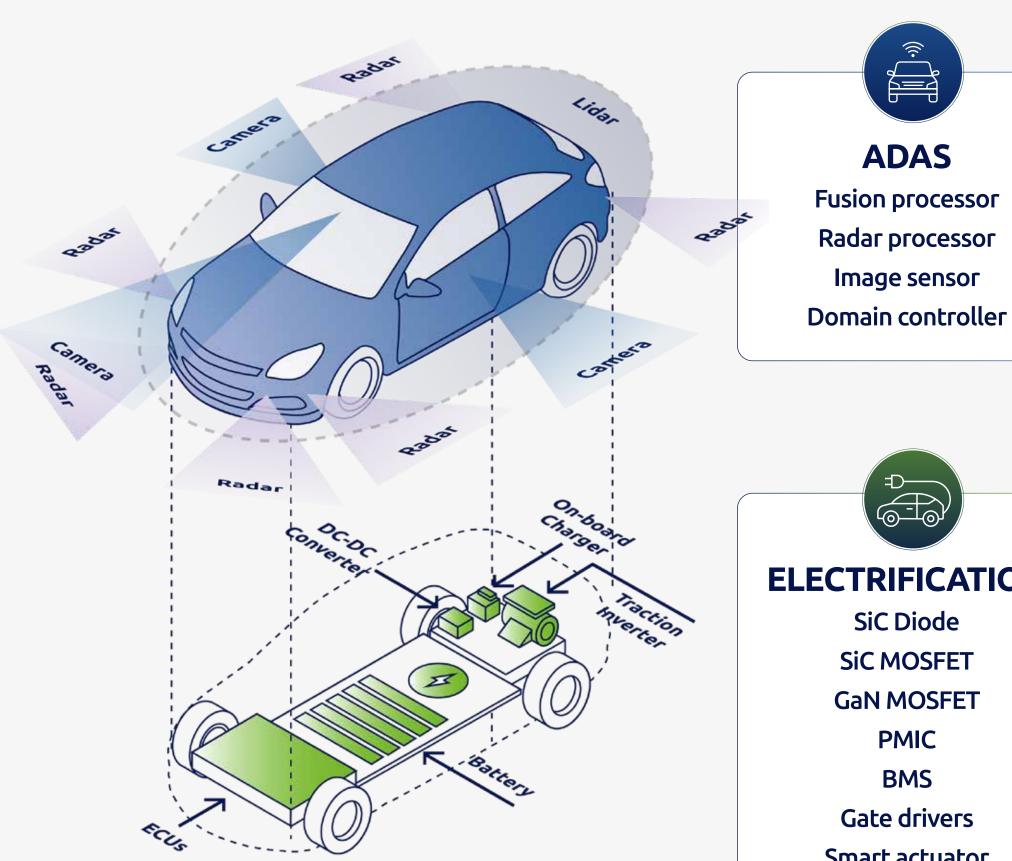




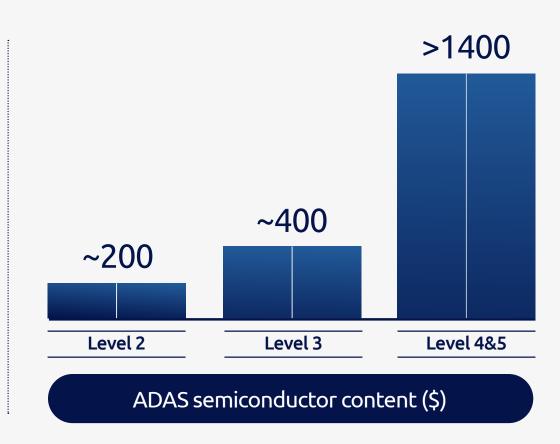


soitec

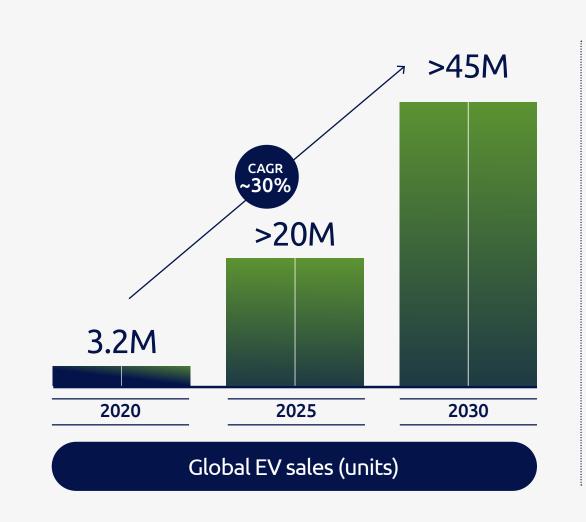
AUTOMOTIVE MEGATRENDS DRIVE INNOVATION FROM SYSTEMS TO SUBSTRATES

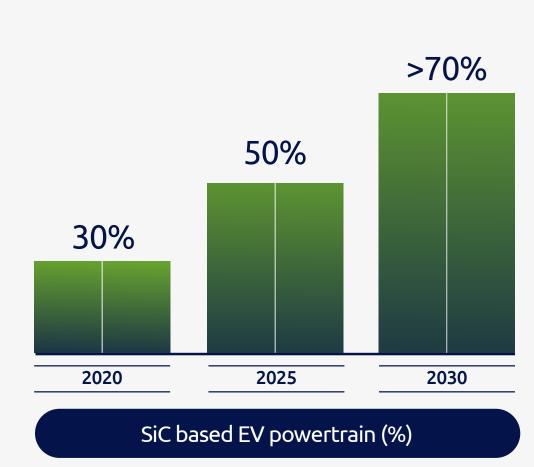


60% 35% 15% 2020 2025 2030 Autonomous cars level 2 & above (%)









Source: Soitec estimates, Infineon, NXP, IHS, The International Council on Clean Transportation (ICCT) 2020











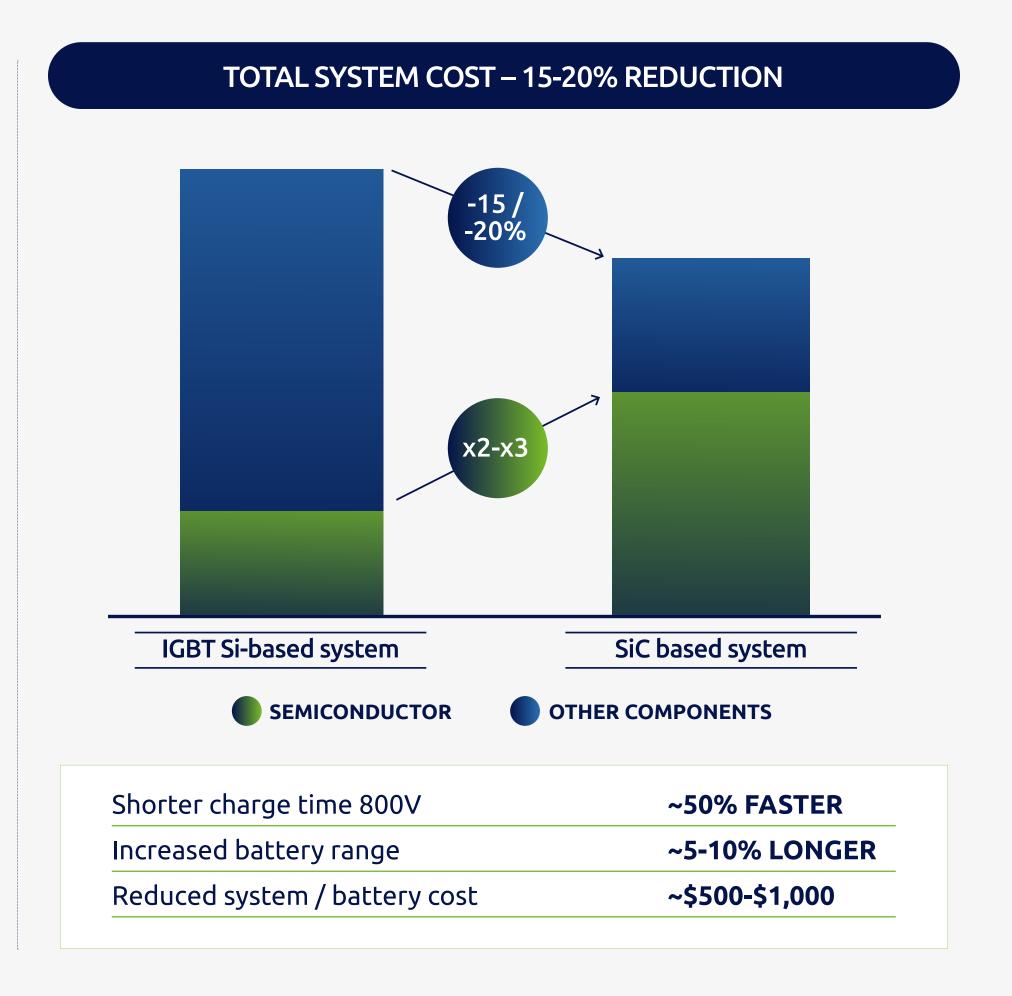






POWERTRAIN - A CRITICAL COMPONENT OF THE EV MARKET SIC ADDS VALUE AT SYSTEM LEVEL AND ENABLES COST REDUCTION

POWERTRAIN COST: ~\$10,000 **ELECTRIC BATTERY PACK POWER** & MODULES **ELECTRONICS MOTOR** – E-drive / inverter (DC/AC) Battery pack Electric motors Modules and cells DC/DC Converter e-transmission - BMS On-board charger (AC/DC) ~\$1,100 \(\sqrt{1} \) ~\$8,000 \(\sigma\) ~\$1,500 > **STANDARDISATION** OF 800V IN BATTERY **ACCEL FRATES SIC ADOPTION**















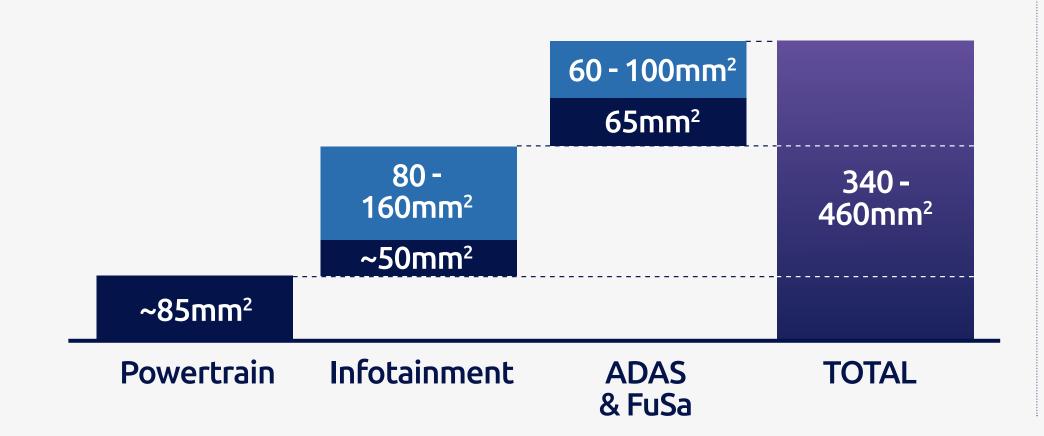


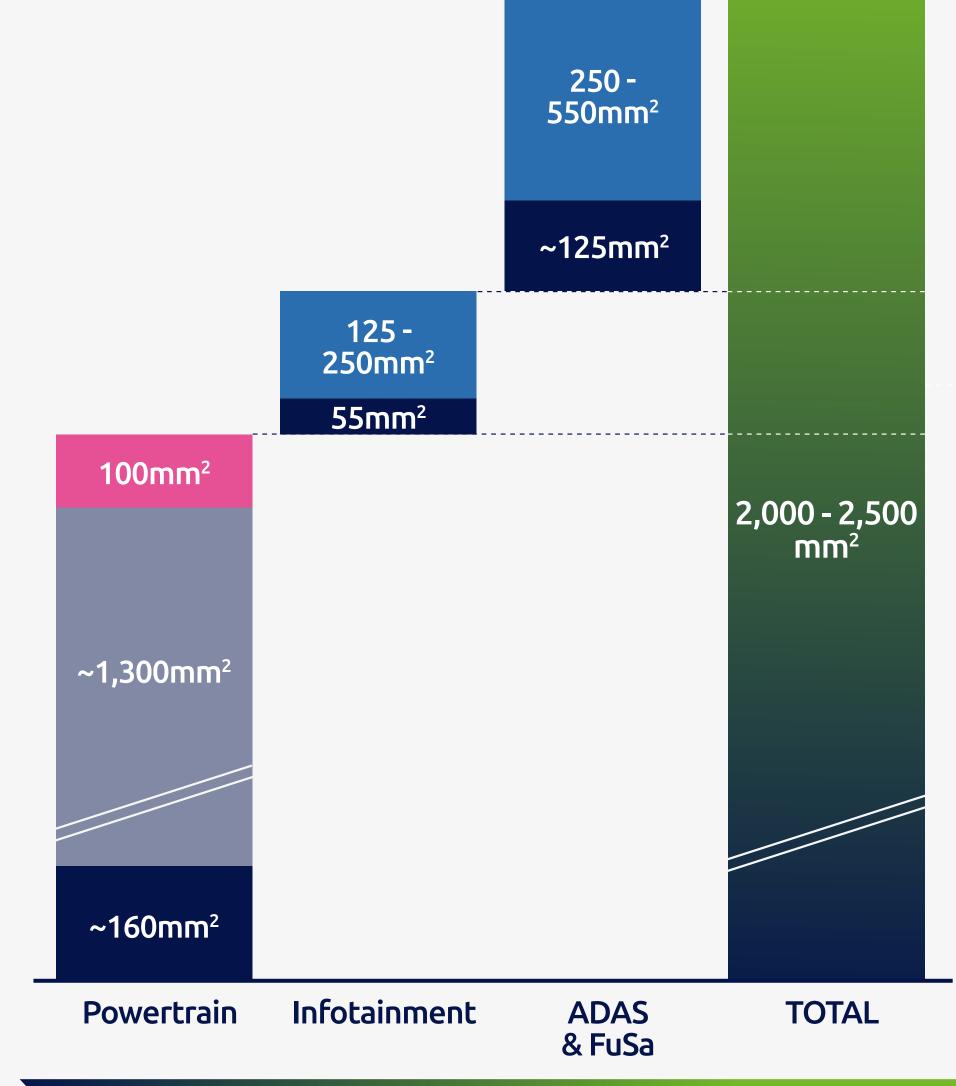




AUTOMOTIVE CONTENT OPPORTUNITY IN THE NEXT THREE YEARS IN mm²

- **Auto Power-SOI**
- **Auto FD-SOI**
- Auto SmartSiCTM
- **Auto Power-GaN**





TOWARD FY26











FY21

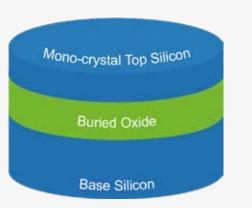






AUTOMOTIVE & INDUSTRIAL PRODUCT PORTFOLIO AUTO POWER-SOI



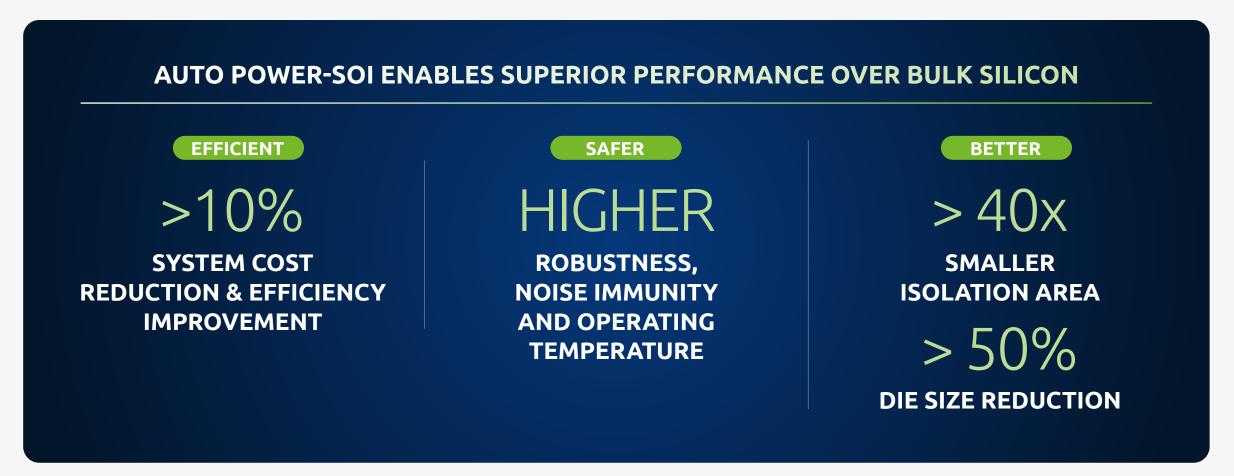


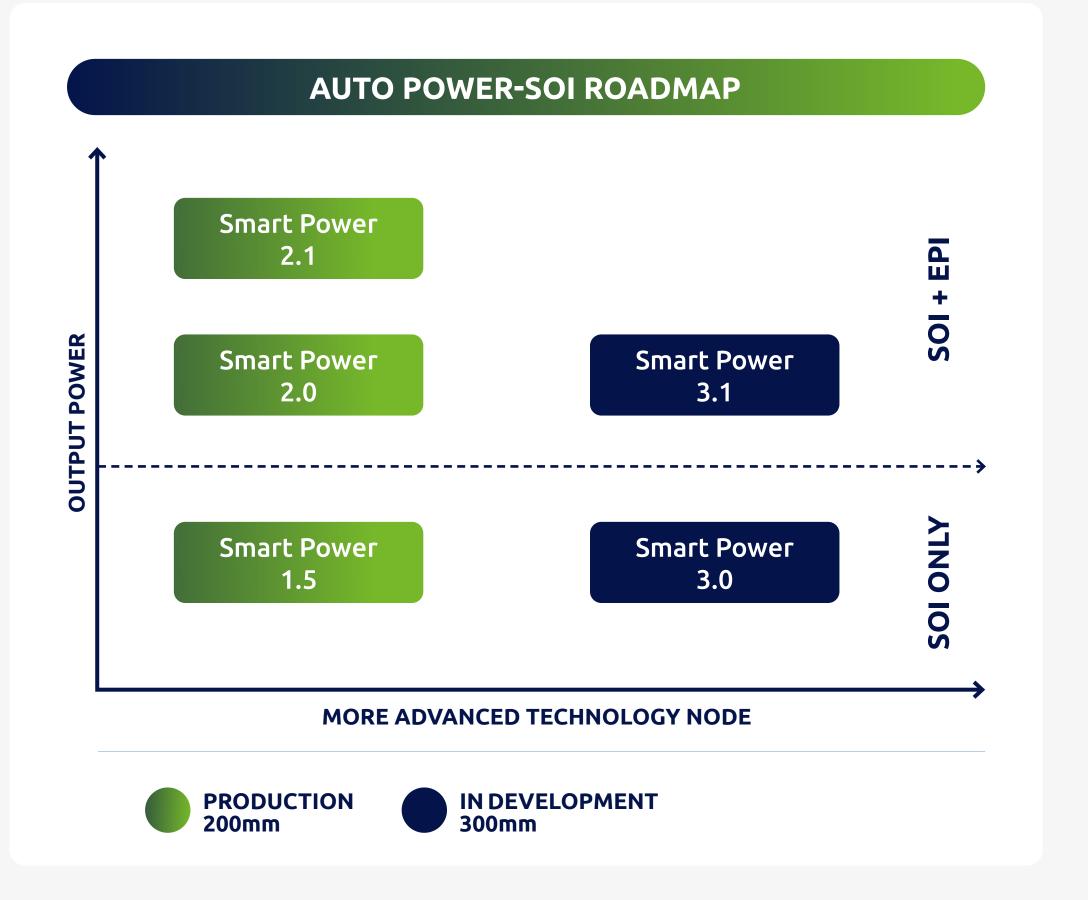
AUTO POWER-SOI FOR IVN, PMIC, SBC, BMS & GATE DRIVERS



















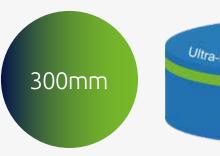








AUTOMOTIVE & INDUSTRIAL PRODUCT PORTFOLIO AUTO FD-SOI





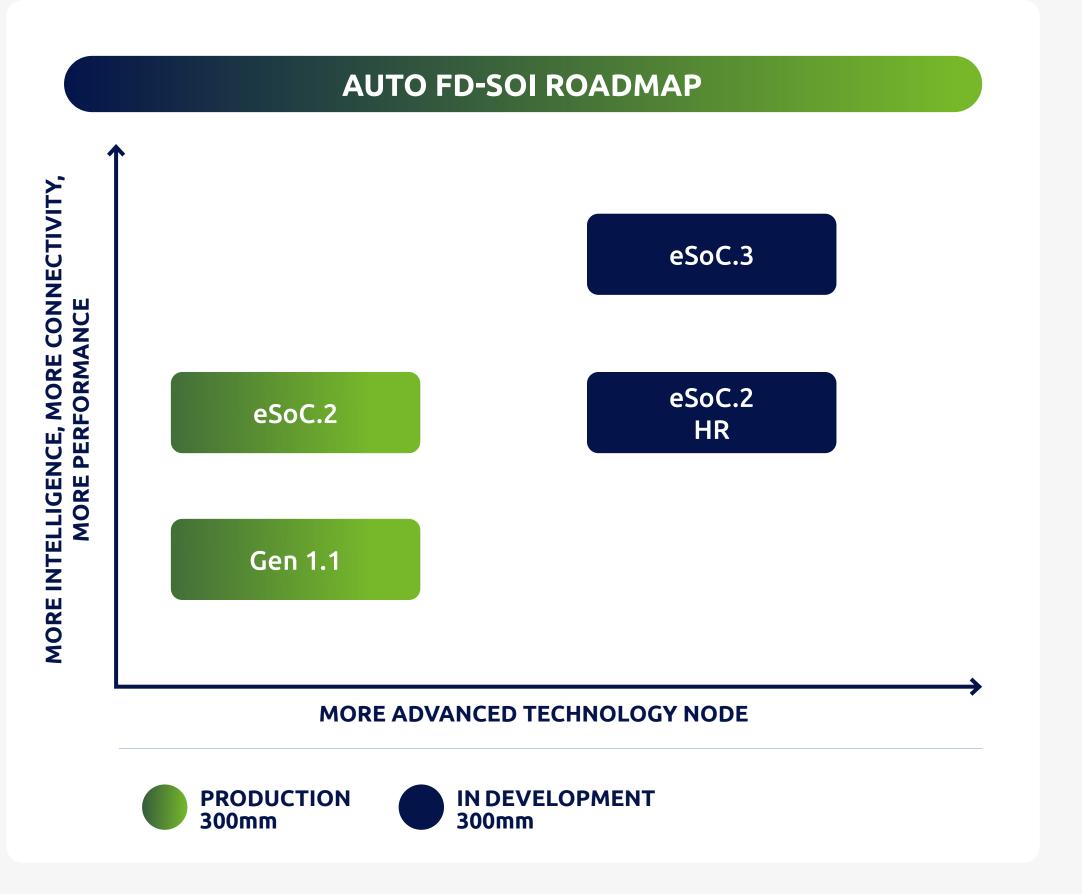
AUTO FD-SOI EMPOWERS THE FUTURE OF AUTOMOTIVE AND INDUSTRIAL SMART DEVICES





























AUTOMOTIVE & INDUSTRIAL PRODUCT PORTFOLIO AUTO SmartSiCTM



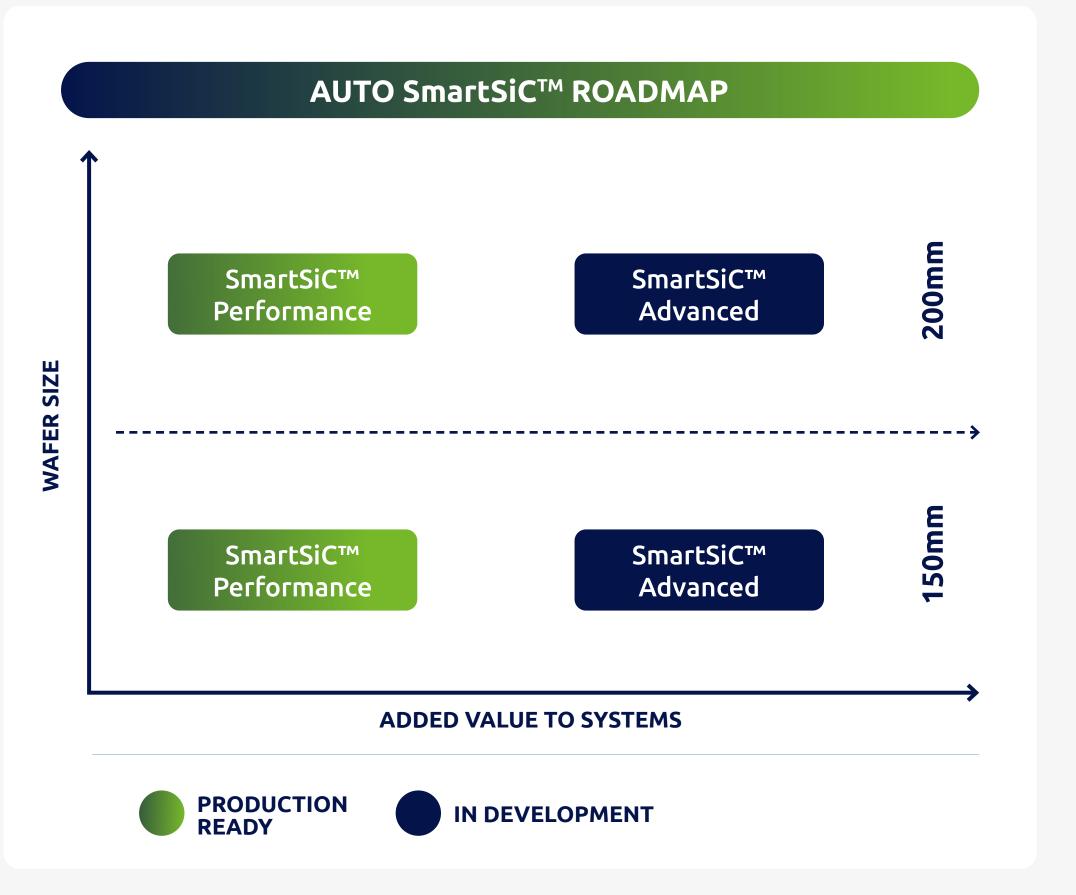
AUTO SmartSiC™, A DISRUPTIVE SOLUTION FOR LARGER SIC ADOPTION



























PAGE 95

SmartSiCTM ENGINEERED SUBSTRATE DRIVING SIGNIFICANT PERFORMANCE GAIN AT DEVICE LEVEL

Lower R_{DSon}.A Device Epi ready 0.4 -0.8µm SiC layer Ultra high conductivity pSiC Conventional SiC substrate Standard SiC substrate SmartSiC[™] substrate MonoSiC PolySiC Bonding Substrate $10\mu\Omega.cm^2$ $20m\Omega.cm$ $2.5 \text{m}\Omega.\text{cm} +$ Back-side metal contact $100 \mu \Omega.cm^2$ 5μΩ.cm² $460\mu\Omega.cm^2$ **SmartSiC™ REDUCES THE SUBSTRATE CONTRIBUTION BY ~8x**

SmartSiC[™] gains the equivalent to one-generation device improvements

MOSFET 1200V		A	В	C	D
Generation (release year)		3 (2022)	3 (2021)	2 (2022)	4 (2022)
MOSFET design		Planar	Planar	Trench	Trench
Back-grinding Thickness (in µm)		180	180	110	150
SmartSiC™	Gain (*) vs SiC	14.9%	14.9%	11.2%	14%

ADDITIONAL GAINS OF SmartSiC™ ON BETTER FLATNESS **AND EASIER BACK-GRINDING PROCESS**

GAINS ON CAPEX AVOIDANCE

^{*} Soitec estimates based on publicly available information













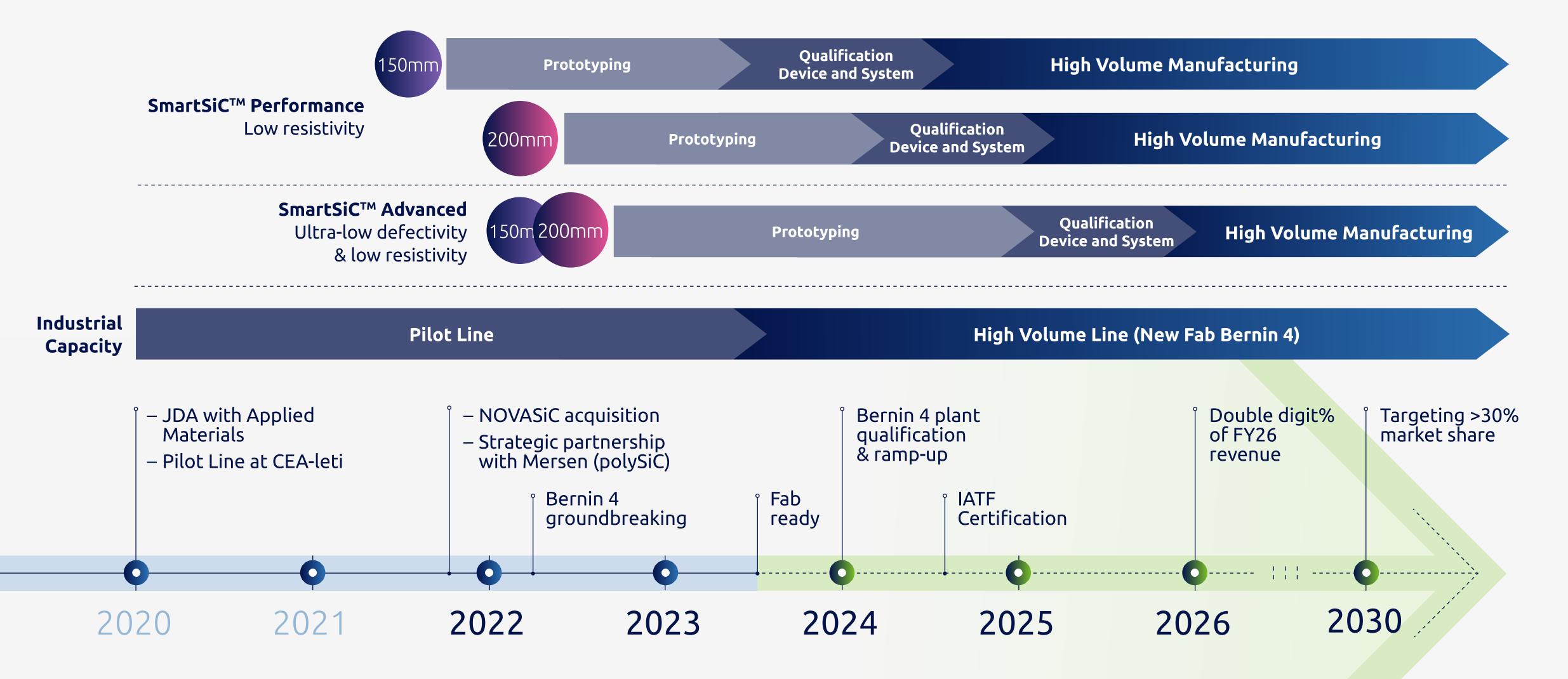








SmartSiCTM ROADMAP





















AUTOMOTIVE & INDUSTRIAL KEY MESSAGES

AUTOMOTIVE & INDUSTRIAL DIVISION EXPECTED TO TRIPLE ITS REVENUE BY FY26

- We leverage 2 main trends, Digitalization & Electrification of the car
- The automotive semiconductor content opportunity is expected to x4 between FY21 and FY26
- SmartSiC[™] expected to generate around 50% of the division revenue by FY26

A DYNAMIC AND ATTRACTIVE PRODUCT PORTFOLIO

- Power-SOI, a critical product to enable greater performance and support an increasing number of functional safety features
- FD-SOI is now a reality in the automotive industry, addressing the blossoming market of radars / LiDARs, the transition to Zonal Architectures and enabling AI for mobility

SMARTSIC™, AN INDUSTRY **GAME CHANGER**

- Silicon Carbide is positioning itself as the new standard for EV powertrain and an asset to accelerate the transition to EV
- SmartSiC™: Greener, Faster, Better. Value Creation & Performance demonstrated
- − First customer in Qualification; SmartSiC™ in cars expected by end of CY24
- On track with our roadmap, ready for 1st production in Sept 2023, at our new Fab Bernin 4. Ramp-up in FY25





















SMART DEVICES

Michael Reiha



















SMART COMPUTE

Extending AI toward Edge Computing

- Neural Network accelerators
- Always-on wearable devices
- Industry 4.0 sensors and robots
- Network flow processors

SMART SENSE

Capture data in all environments

- Smart hearables / Voice recognition
- 3D image sensors / Facial recognition
- LiDARs / 3D sensing
- Environmental sensors

SMART NETWORK

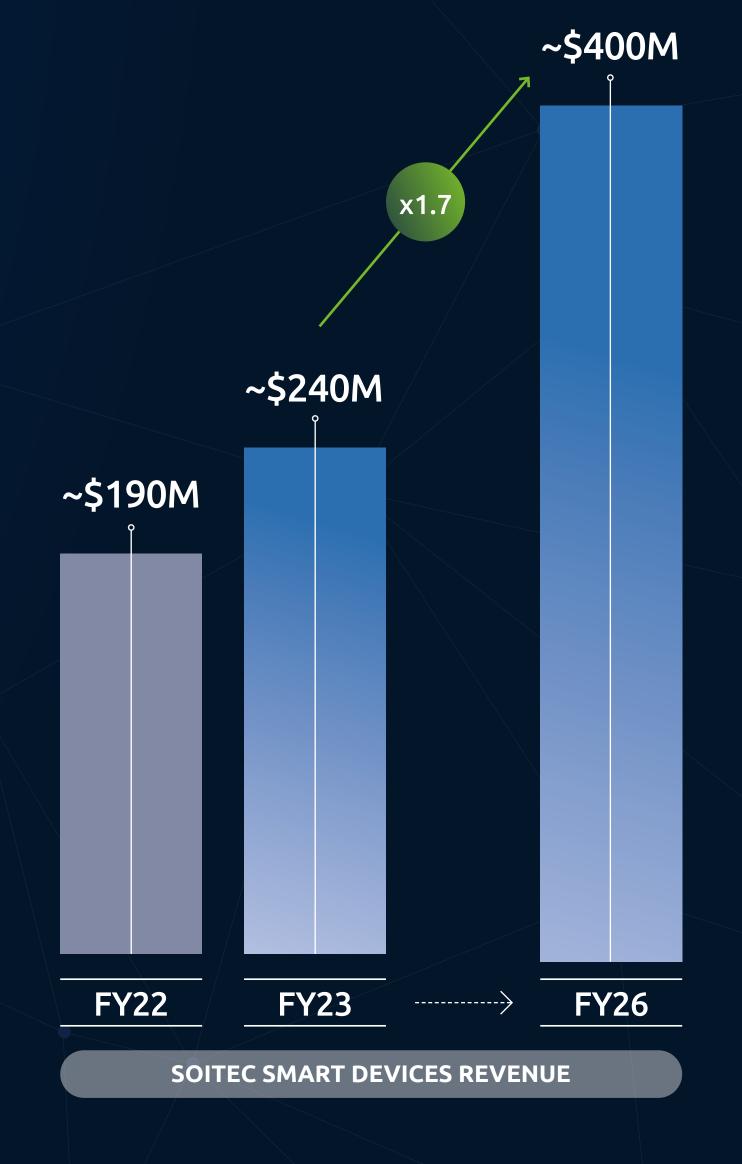
Integrated connections at higher speed

- Pluggable optical transceivers
- Network switch ASICs
- Fiber-To-The-Home
- Co-Packaged Optical I/O
- AI / ML interconnects

AREAS FOR DISRUPTIONS

Targeting the next growth drivers

- Where Network meets Cloud
- Connectivity Standards Alliance (Matter)
- Quantum computing
- Edge security
- Sustainable agriculture



























soitec

SMART SENSE PERCEPTION AT THE EDGE

SENSOR DATA ON **BATTERY-POWERED DEVICES**







DATA PROCESSING AT LOW POWER



Inference

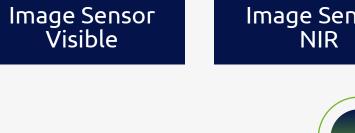


Task

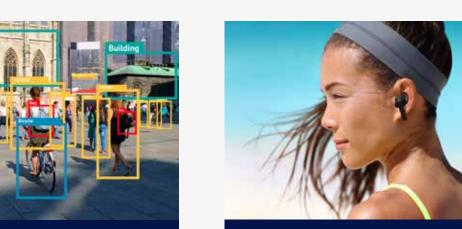
Execution



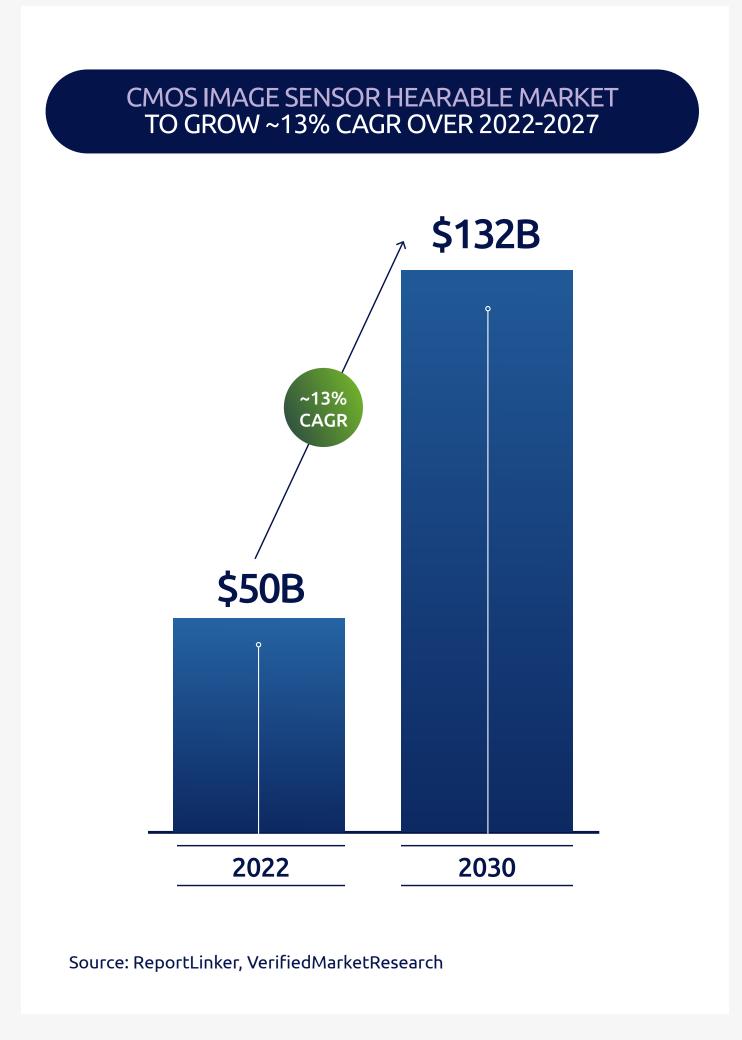
Communication

























Object Detection





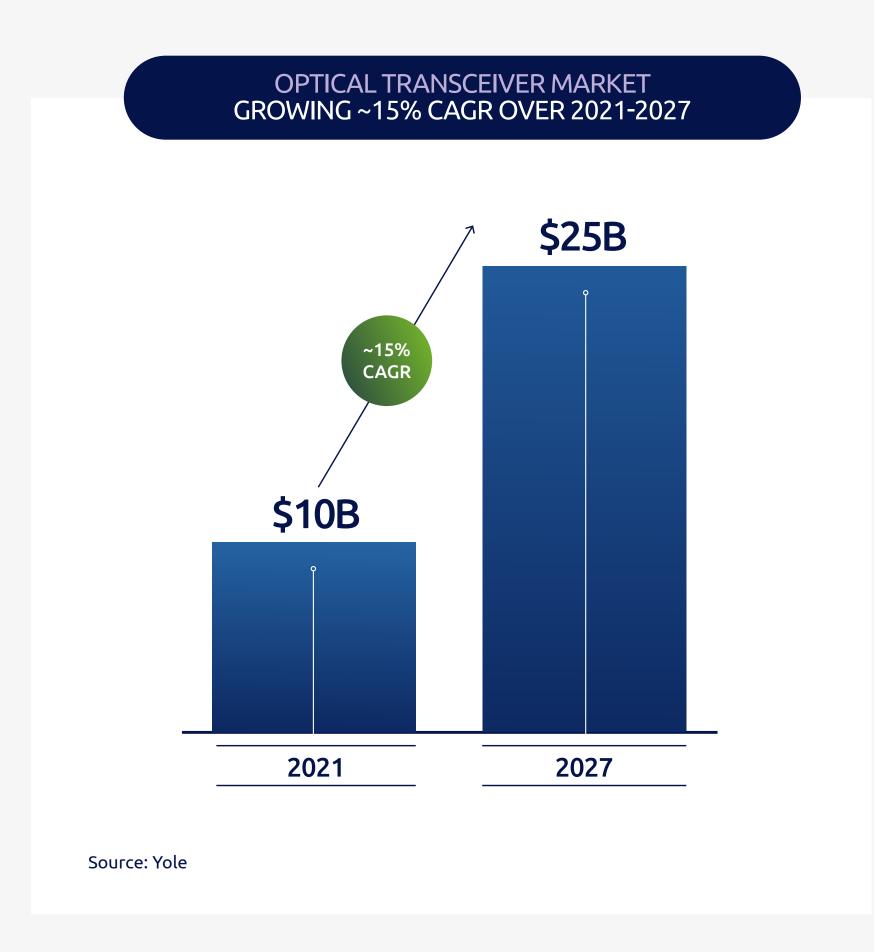


Hearables



SMART NETWORK SILICON PHOTONICS FOR DATACOM AND TELECOM

CO-PACKAGED OPTICS (CPO) AS A MEANS TO EMULATE MOORE'S LAW 2x Performance every 20 years Multicore ' СРО Parallel processing 0 Moore's law 2x performance every 18 months 1990 2000 2010 2020 2030













Source: Broadcom

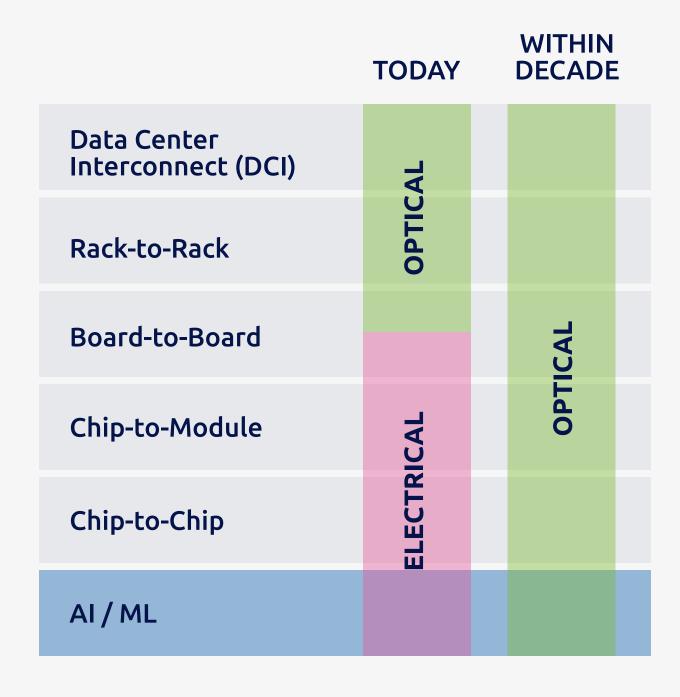






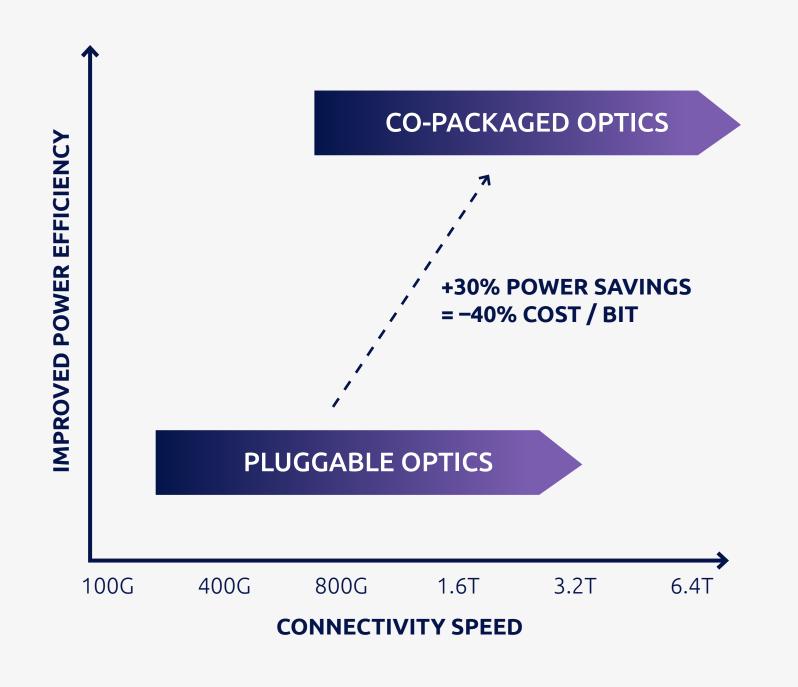
SMART NETWORK AI/ML ENABLEMENT AS A NETWORK SOLUTION

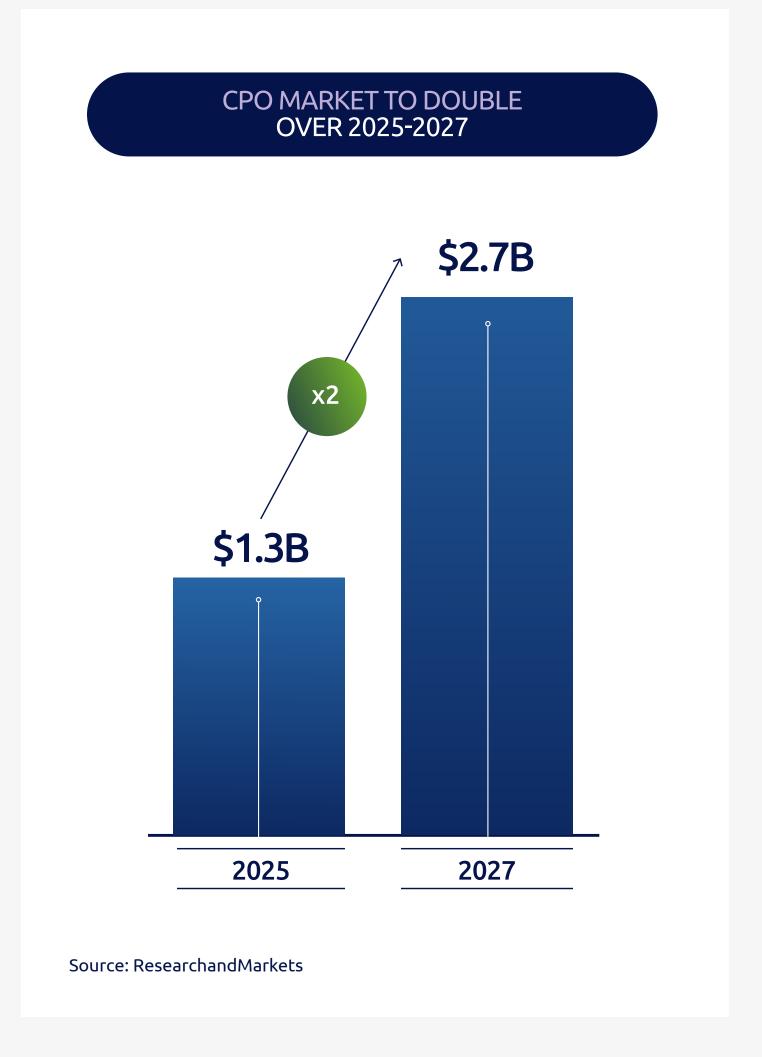
CURRENT AI / ML INFRASTRUCTURE IS BANDWIDTH x DISTANCE LIMITED



Source: Yole & Soitec

FUTURE AI / ML INFRASTRUCTURE **AS A MULTI-LAYERED NETWORK**

























SMART COMPUTE BRIDGING CLOUD TO THE EDGE

SOITEC COMPUTING

EDGE COMPONENTS



CONTROLLER

GPON ROUTER

SENSOR

CLOUD COMPONENTS

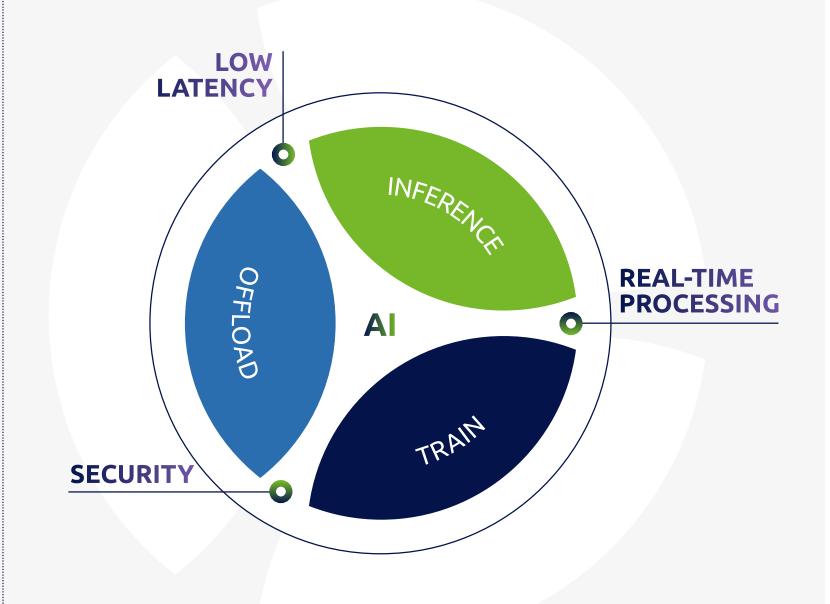


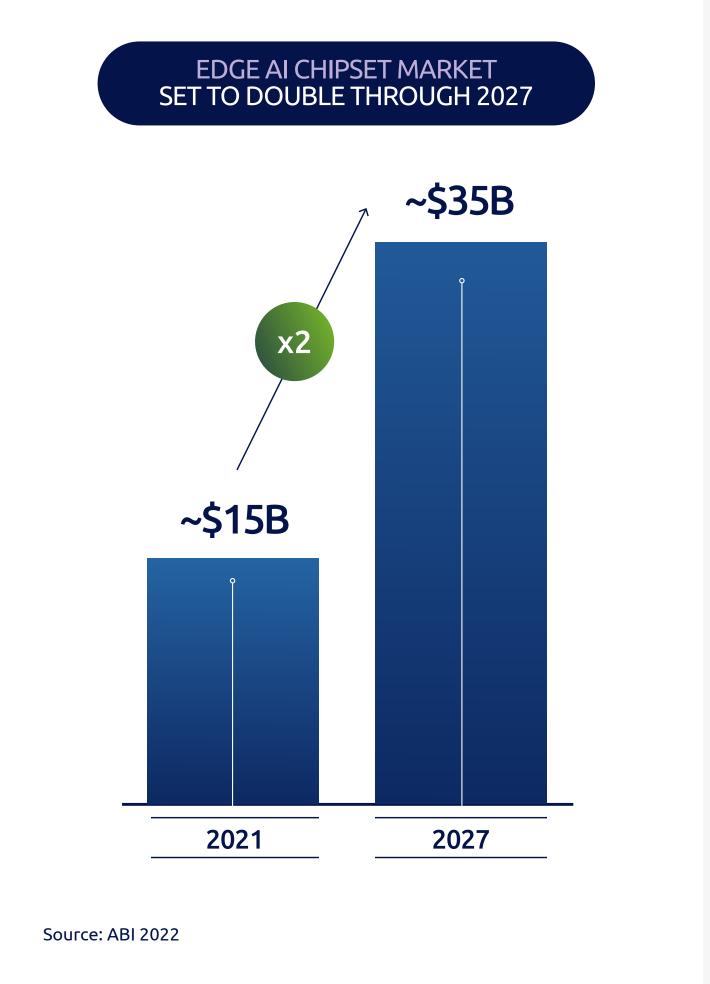
GATEWAY

NETWORK SWITCH

INTERCONNECT

WHERE SOITEC MEETS AI





















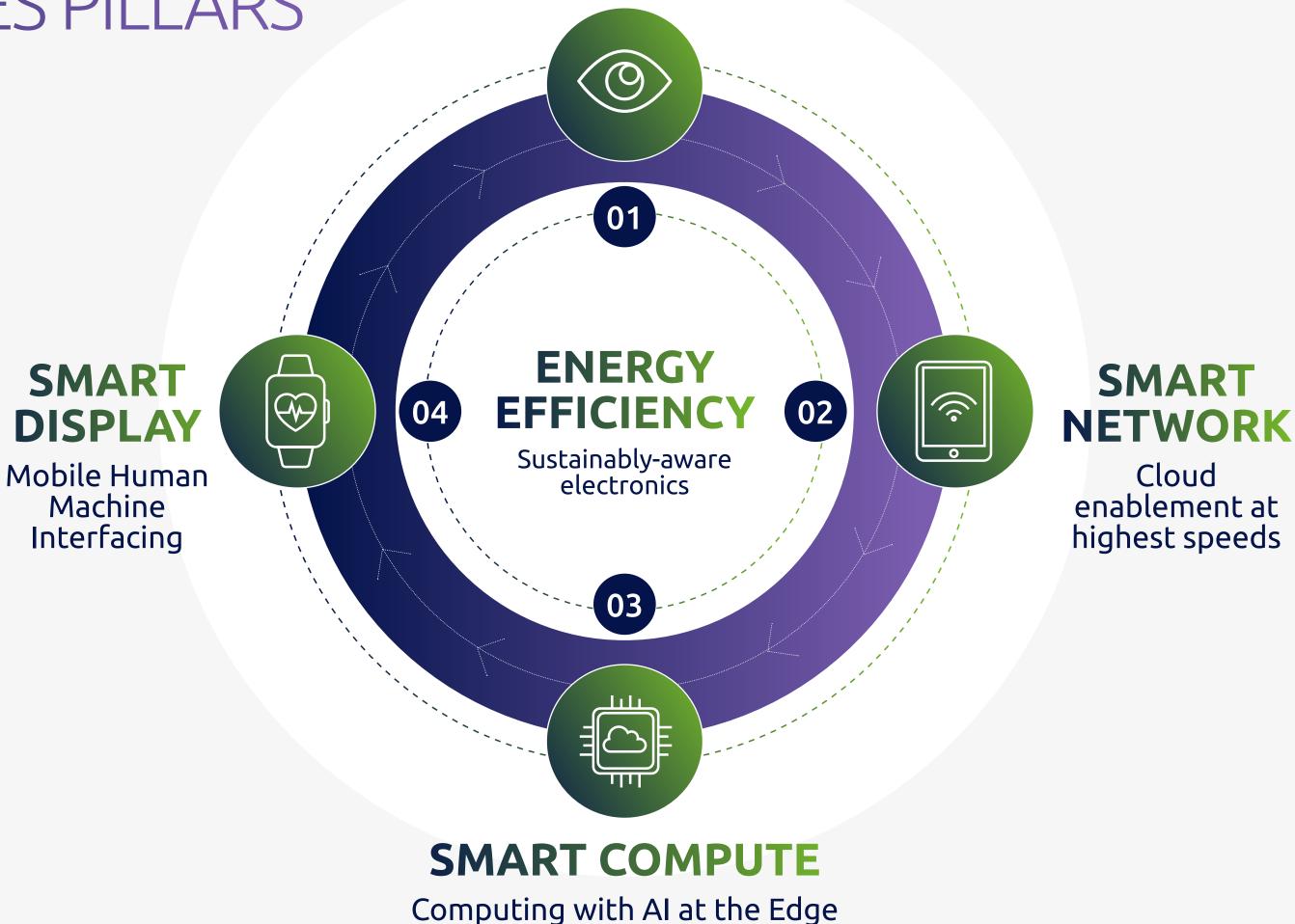






SMART DEVICES PRODUCT PORTFOLIO ADDRESSES THE SMART DEVICES PILLARS

Smart FD-SOI ^{Ultra}-thin Mono-crystal Top Sili Crossover MCUs, connected MCUs, scalable FPGAs Smart Imager-SOI Mono-crystal Top Silicon For improved imager performance in NIR Base Silicon Mono-crystal Top Silicon **Smart Photonics-SOI** Optical transceivers and **Buried Oxide** Co-Packaged Optics (CPO) **Smart PD-SOI** Mono-crystal Top Silicon High performance computing Base Silicon (HR option)



SMART SENSE

Data capture in all

environments













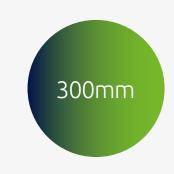






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SMART DEVICES PRODUCT PORTFOLIO SMART IMAGER-SOI

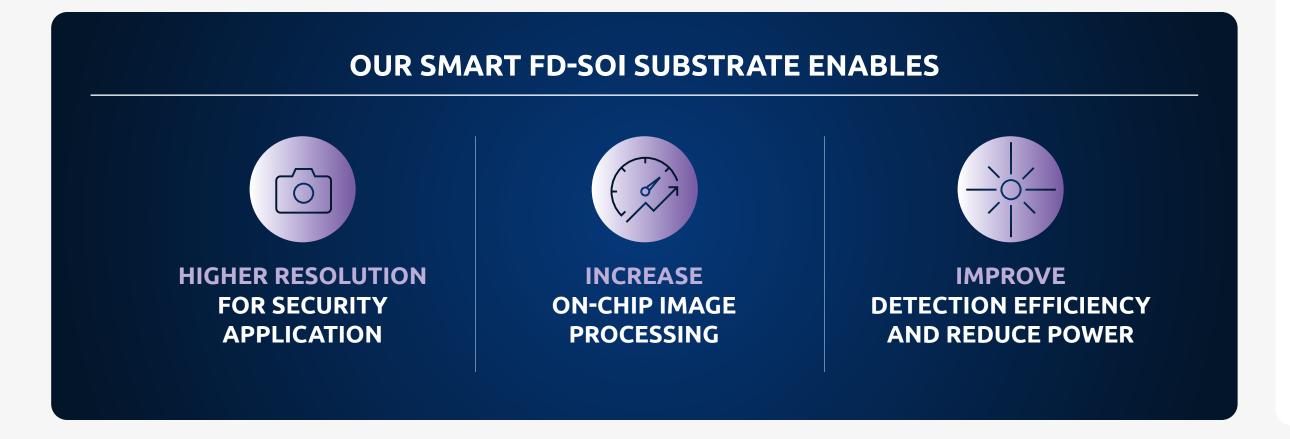


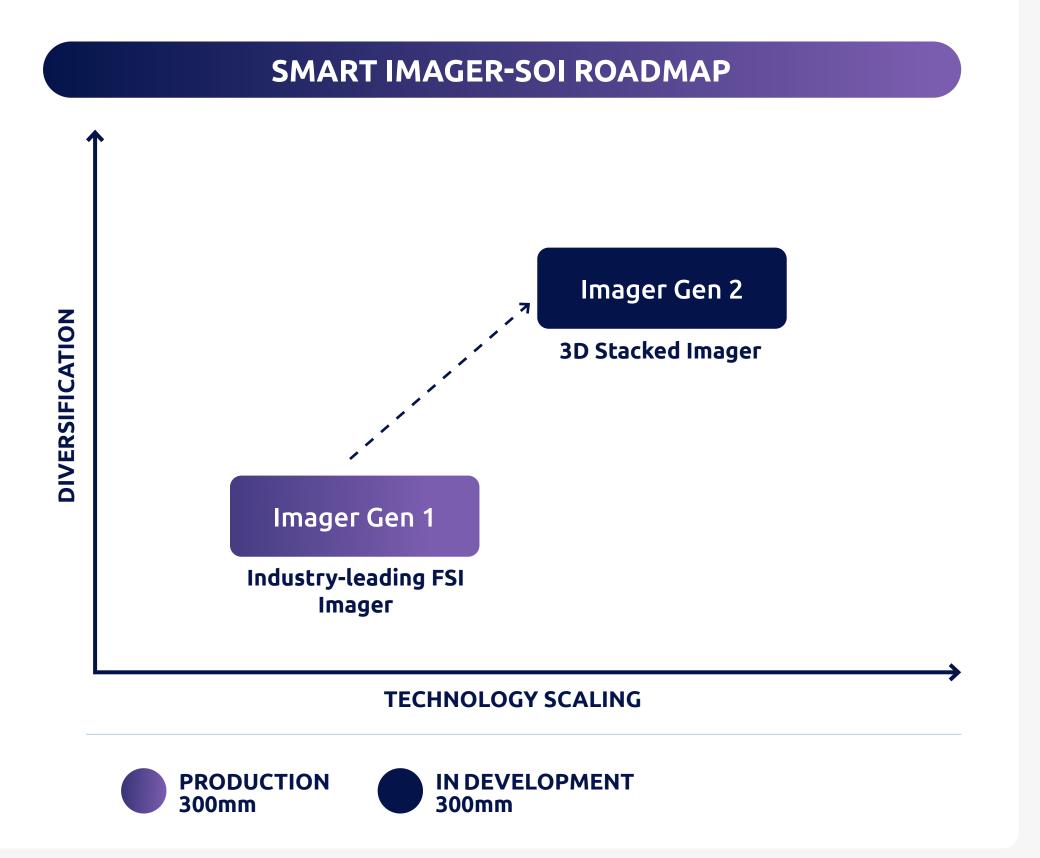


SMART IMAGER-SOI TARGETS 3D STACKING IMAGERS

























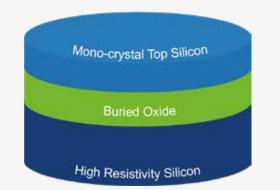






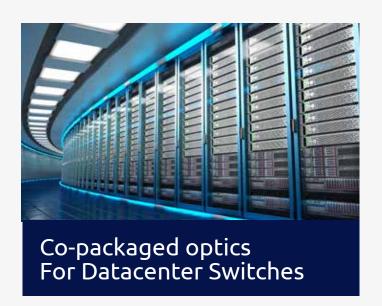
SMART DEVICES PRODUCT PORTFOLIO SMART PHOTONICS-SOI



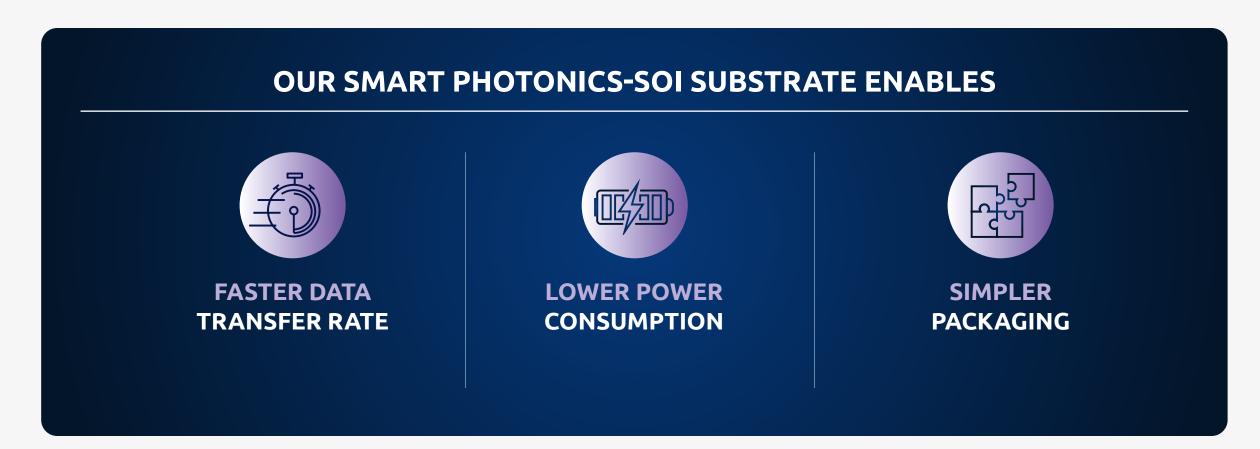


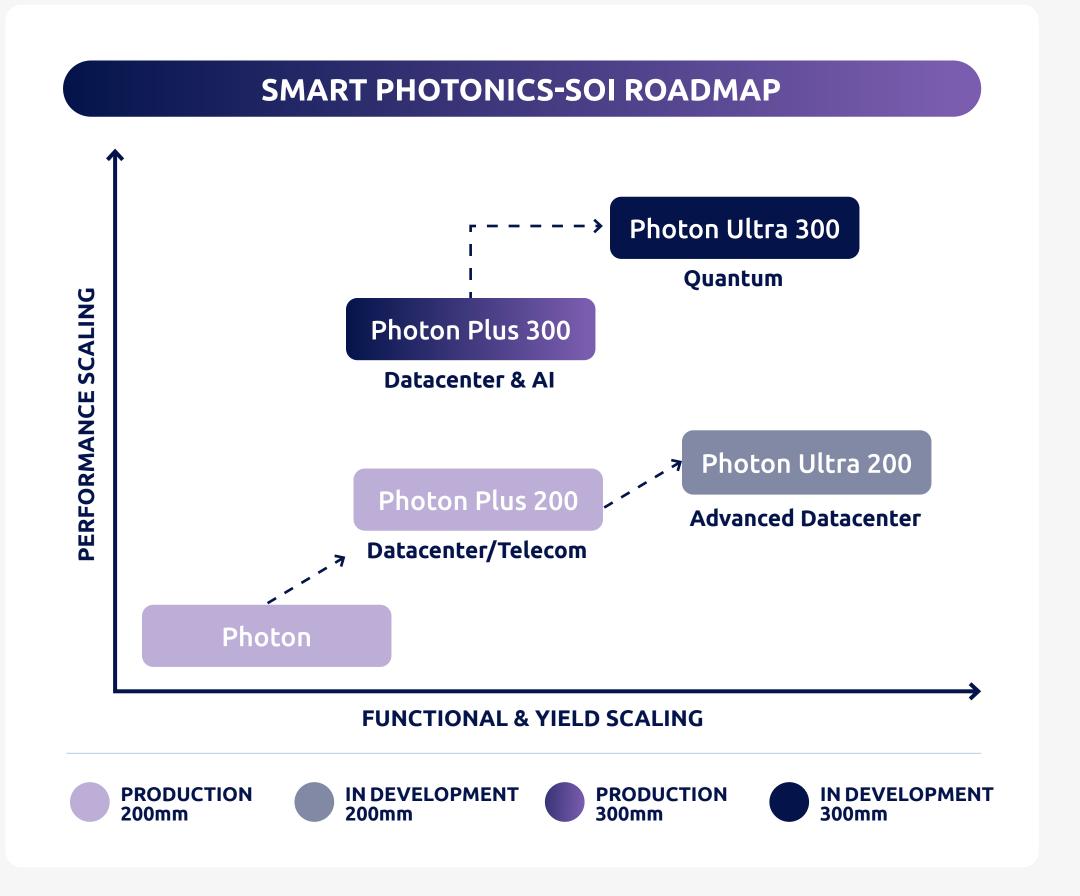
SMART PHOTONICS-SOI IS TARGETING ENERGY-EFFICIENT FAST DATA TRANSFER

























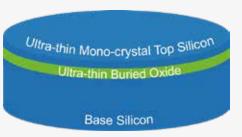






SMART DEVICES PRODUCT PORTFOLIO SMART FD-SOI





SMART FD-SOI BENEFITS ALL PORTABLE APPLICATIONS

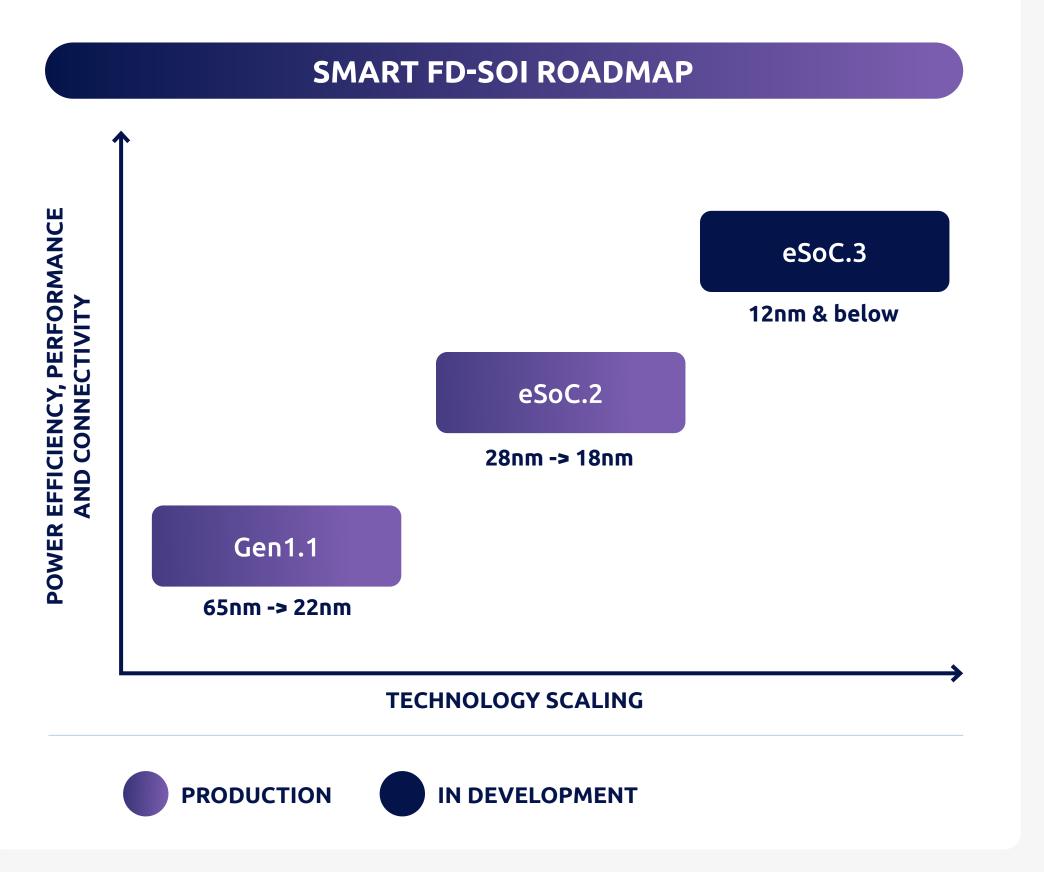






















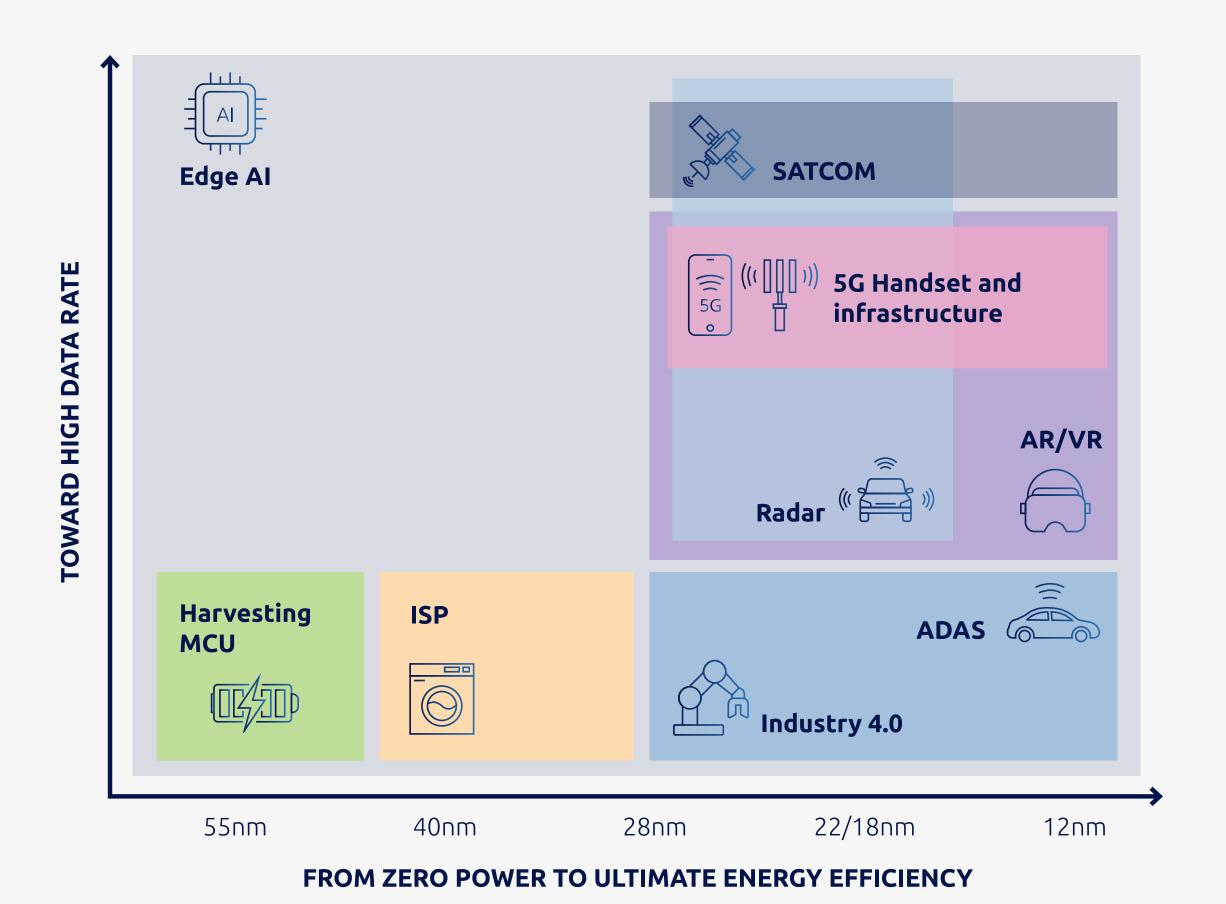








OVERALL FD-SOI MARKET SEGMENTATION



FD-SOI IS THE ANSWER FOR APPLICATIONS REQUIRING

- Performance-on-demand
- Battery-powered
- Integrated RF
- Embedded NVM memories

3 MARKET DRIVERS

- AI MCUs
- 5G
- Automotive

FD-SOI Edge AI inference hardware will support all those segments

















SMART DEVICES KEYMESSAGES

EVOLUTION FROM IN-DEMAND ENERGY EFFICIENT TECHNOLOGIES

- Smart FD-SOI CAGR of 70% since FY21, leveraging unique, dynamic power management capabilities and an integrated suite of IP
- Smart Photonics-SOI carrying >80% Market Share, servicing 5G Wireless Networks and high-bandwidth access to compute and storage

TO AN ENABLER OF SENSE AND **COMPUTE** ARCHITECTURES

- Front-Side Illuminating sensors using Smart Imager-SOI to service an approximate 250MUnit end-device market (annually)
- Secure and Scalable Edge Computing with Al-Optimized FPGAs, Wireless MCUs for recognition and Hybridcore Processors for (AI / ML) Heterogeneous Computing

TOWARD A MULTI-GENERATION CATALYST FOR EMERGING SMART DEVICES

- 3x Generations of Smart FD-SOI bridging a 40% device variability improvement with a Beyond-12nm platform for Edge and Cloud computing markets
- 3x Generations of Smart Photonics-SOI spanning from 30% power reduction targets for AI / ML optical interconnects to 1M+ Qubit General-Purpose Quantum Computers





















OPERATIONS

Cyril Menon

















OPERATIONS KEY MESSAGES

DEPLOYING A SCALABLE AND AGILE INDUSTRIAL MODEL

DELIVERING ON OUR RAMP UP AMBITIONS WITH A FOCUS ON EFFICIENCY

BUILDING AND DRIVING A SUSTAINABLE GROWTH MODEL

















Deploying a scalable and agile industrial model

















RAMPING UP CAPACITY ~4.5M TO ~4.5M WAFERS BY FY26 WAFER **CAPACITY END OF YEAR CAPACITY** ~3M WAFER ~3M **CAPACITY** WAFER **CAPACITY**

FY23-FY26 CAPACITY

150mm

200mm

300mm

END OF

FY26

INCREASING CAPACITY TO FUEL ~20% CAGR REVENUE GROWTH

- Half of FY23-FY26 capacity growth driven by 300mm volumes in Singapore
- Remaining growth driven by **Compound Semiconductors** volumes with synergies across POI & SmartSiC™ in France













END OF

FY23





END OF

FY24



RAMPING GLOBAL INDUSTRIAL FOOTPRINT

TO ADDRESS GROWING DEMAND IN SOI AND COMPOUND ENGINEERED SUBSTRATES



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

SmartSiC[™]

300mm Refresh

Extension under construction



SOITEC PASIR RIS 1 - SOI 300 SINGAPORE

RF-SOI FD-SOI **Photonics-SOI** Refresh



SOITEC PASIR RIS 1A - SOI 300 SINGAPORE

RF-SOI

FD-SOI

Photonics-SOI

Refresh

Extension under construction



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[™] in **B4** First production expected Q3 FY24

☐ Up to 60 kwpy

For Epi capacity in Hasselt





























PASIR RIS EXTENSION DOUBLING 300mm SOI CAPACITY IN SINGAPORE





PASIR RIS EXTENSION DOUBLE 300mm PR1 CAPACITY

On track: Ready for Production in CY25 Designed with efficient principles

- 5,500m² state-of-the-art cleanroom able to produce 300mm SOI, Refresh & Epitaxy wafers: multi-products to enable early production cost absorption and optimize asset utilization
- Facilities redundancy, industrial synergies (utilities, warehouse, know-how...)
- Fully connected through cleanroom linked-bridge to Pasir Ris 1: No qualification required
- Industry 4.0, fully automated factory
 - Overhead transportation System
 - Automated Stocker, Sorter, Packer
- Advanced Process Control Capabilities
- Remote Control Room for Operations













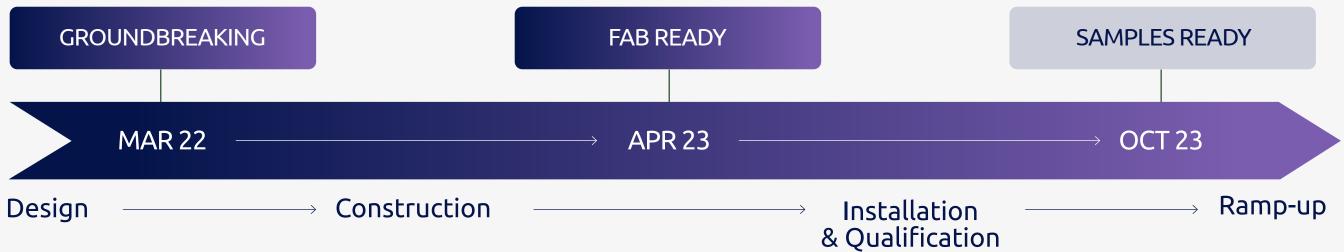






BERNIN 4 NEW CLEANROOM FOR SmartSiCTM 500kwpy 150/200mm CAPACITY





1 2 3 4 5 6 7 OPERATIONS 8 9

BERNIN 4 TRIGGER SmartSiCTM CAPACITY

High flexibility 150-200mm

Designed with efficient principles

- 2,000m² agile new cleanroom able to produce SmartSiC™ 150/200mm
- 300mm Refresh located in the same building to enable fixed cost absorption as early as CY24
- Facilities redundancy, industrial synergies (utilities, warehouse, know-how...)
- Fully connected with former cleanroom and new logistics platform

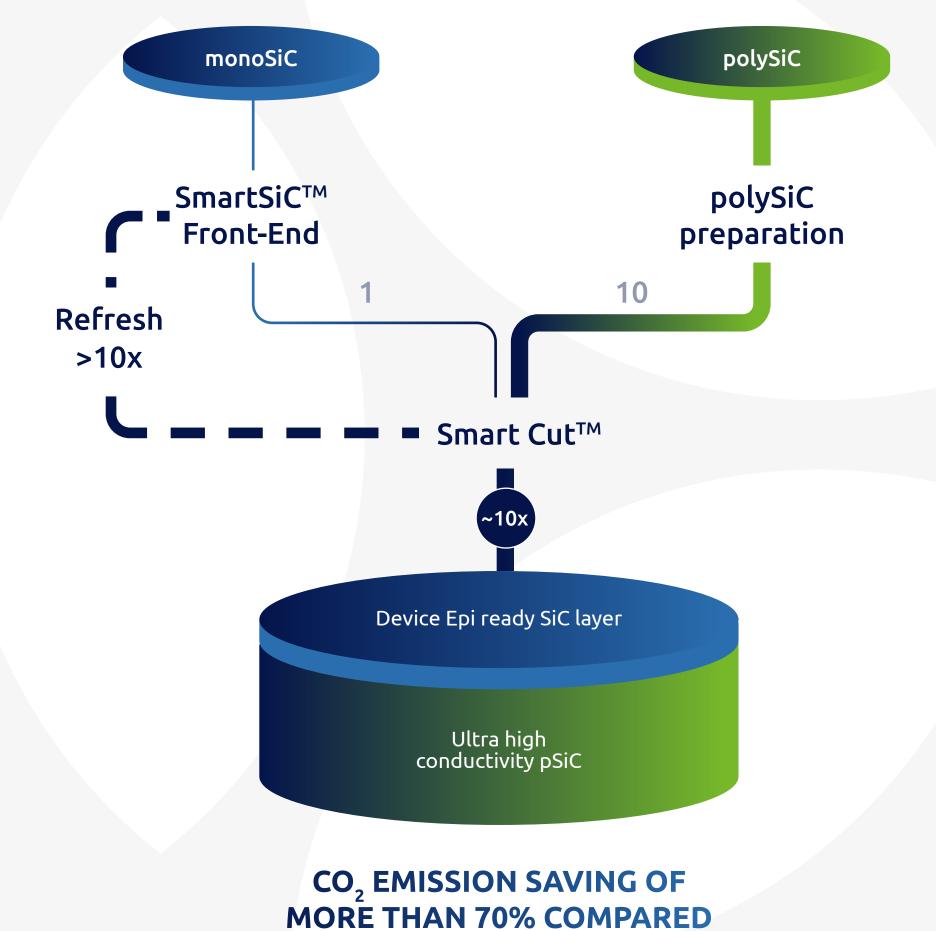


SUSTAINABLE AND AGILE SUPPLY CHAIN

monoSiC

FLEXIBLE SUPPLY MODEL

- Qualification strategy customized to customer requirements
- 3 suppliers already engaged:
 - vertically integrated
 - independent sources
- Suppliers located in different regions



TO CONVENTIONAL SIC

polySiC

ECOSYSTEM DRIVEN BY SOITEC

- Suppliers targeted across different regions
 - 1 supplier under LTA
 - 2 suppliers engagement on track with roadmap
- Others under evaluation
- Strong collaboration with suppliers to design the most efficient polySiC wafers
- High degree of agility between 150mm and 200mm wafers













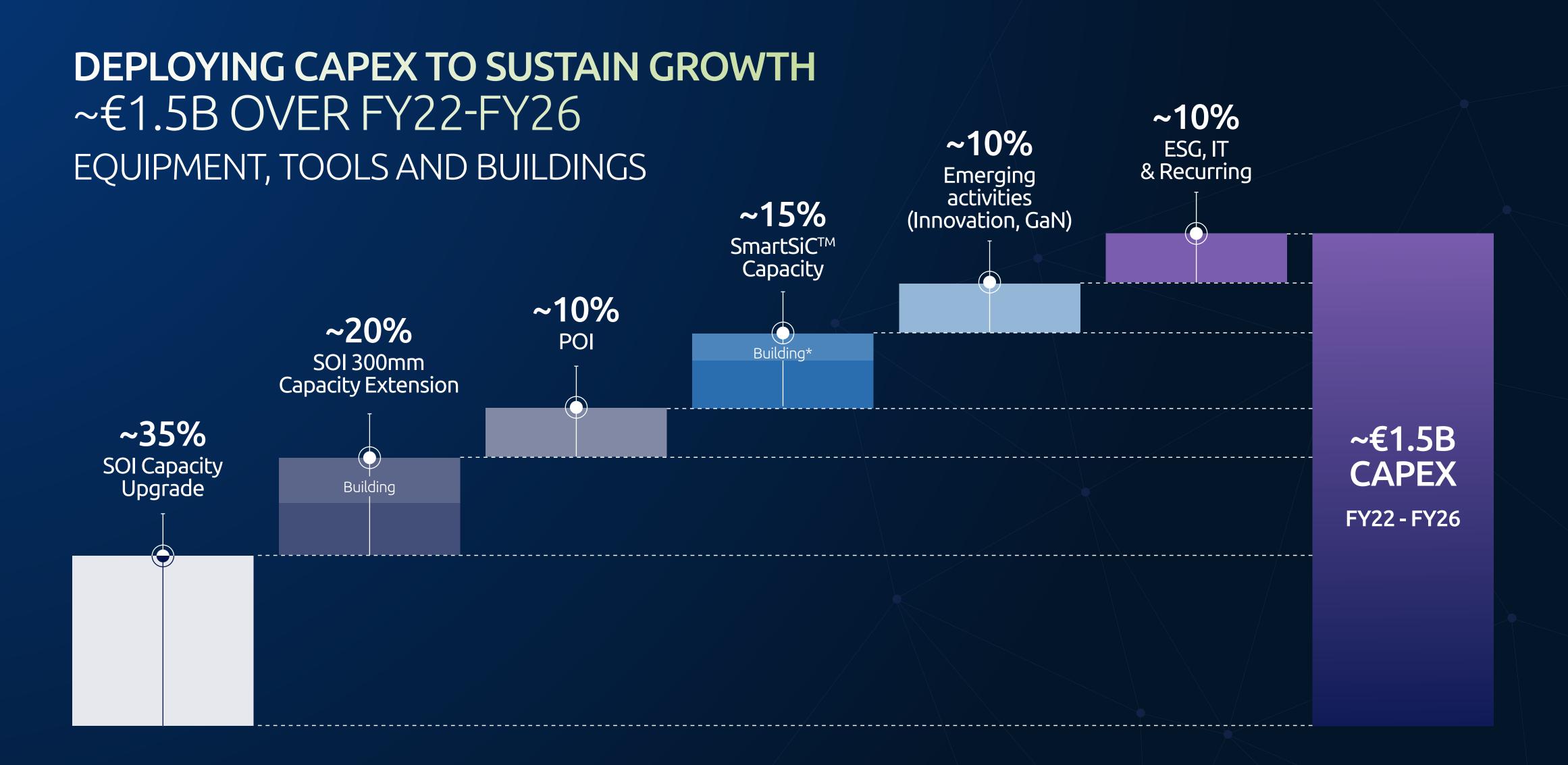












* Financed through a lease-back



















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Delivering on our ramp up ambitions with a focus on efficiency





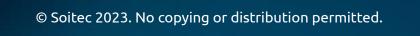












END-TO-END OPERATIONS ORGANIZATION TO MEET CUSTOMER DEMAND STATE-OF-THE-ART SUPPLY CHAIN MANAGEMENT

CENTRAL OPERATIONS GLOBAL CENTRAL EQUIPMEN PLANNING FOUNDRIES PLANNING SOURCING SOI & Compounds Transportation SOI & Compounds planning Raw materials, Indirect & Customs & Equipment **GLOBAL ENGINEERING** Yield, Engineering **BULK MATERIALS IDMs PLAN SOURCE MAKE DELIVER QUALITY IT & DIGITAL INDUSTRIAL TOOLS STRATEGY FABLESS** UTILITIES Enhance supply chain Enable Soitec to be a Drive long-term supply standard and a reference and all Soitec divisions chain roadmap









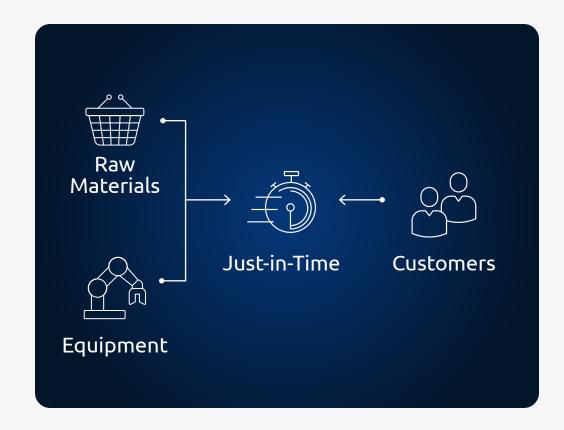






CUSTOMERS

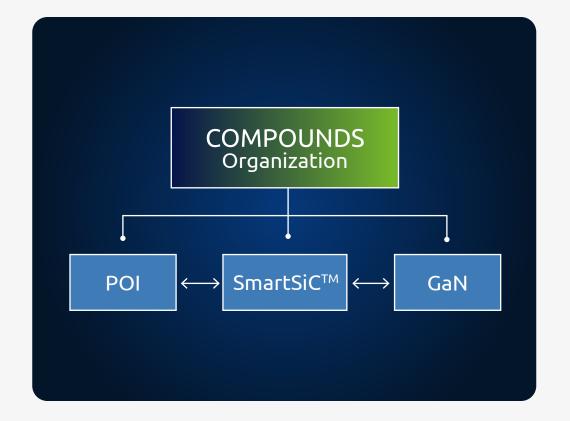
RAMPING A SCALABLE AND AGILE MODEL





ADAPTING SUPPLY TO CUSTOMER DEMAND

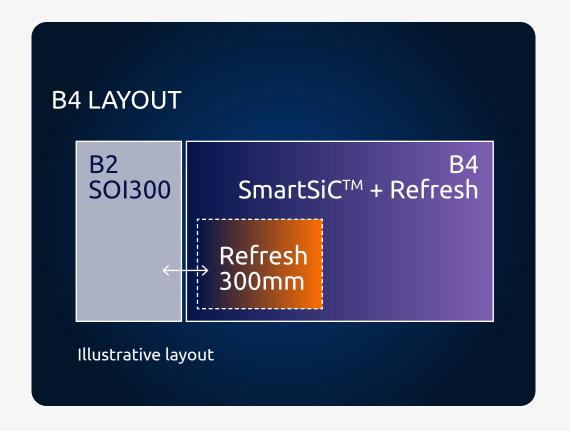
- Piloting equipment installation
- Driving raw material supply implementation



OPTIMIZE COMPOUND ORGANIZATION

LEVERAGING ASSET SYNERGIES

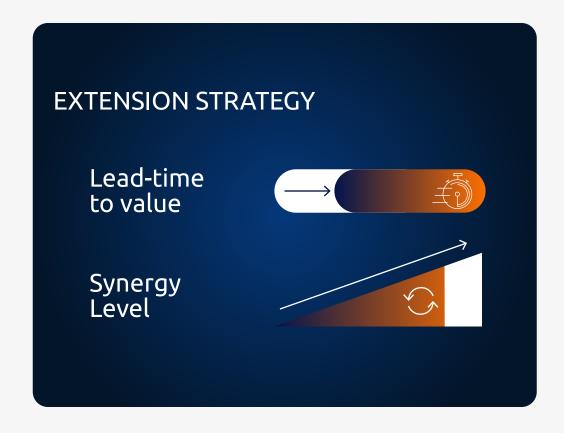
- >50% for POI / SmartSiC™ Tools
- ~90% of tools are bridge 150 / 200mm (both POI and SmartSiCTM)
- Global Compounds team



DEPLOYING AGILE FABS

ENABLING FIXED COST ABSORPTION

- SmartSiC[™] / 300mm SOI refresh
- Ramp-up designed to absorb fixed costs early stage through refresh / epi



FAB EXTENSIONS

DELIVERING SYNERGIES & ACCELERATED **QUALIFICATION**

- Synergies / Leveraging existing footprint
- Faster qualification























INDUSTRY 4.0 ROADMAP TO IMPROVE COMPETITIVENESS



300mm FABS

- Building Information Modeling (BIM) deployed in PR1 & Bernin
- Automatic transportation
- Auto Packing FY24
- Remote Control Room (WIP, Maintenance, Process)



150-200mm FABS

- Bernin 4 improved robotics
- Utilities Digital Twin
- Remote Control Room (WIP, Maintenance, Process)



"AUGMENTED" QUALITY

- Artificial Intelligence / Machine Learning: Image recognition, defects identification
- Smart Sampling advanced algorithm
- Advanced Process Control (SPC, FDC, R2R)



SUPPLY EXCELLENCE

- Deployed state-of-the-art business apps: CRM, S2P
- Deploying SCM in FY24 (including carbon emission model)
- Advanced Scheduling / **Dispatching Systems in FY24**





















OPERATIONAL EXCELLENCE BUILDING ON A SUCCESSFUL RAMP UP TRACK RECORD TO RAMP UP 2 FABS























Building and driving a sustainable growth model



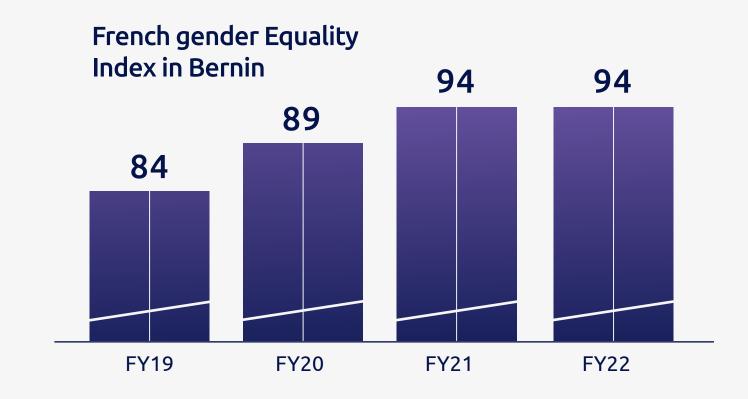
ATTRACT, GROW AND RETAIN PEOPLE TO DELIVER SUSTAINABLE GROWTH







- French Government label France Relance #1jeune1solution
- Partnerships agreement signed with Université Grenoble Alpes (UGA) IUT1 University Institute of Technology and Grenoble INP & Bordeaux INP Engineering schools
- Enhancing young talents induction plans: twice as much under work-study program from FY21 to FY23 and more than 30% conversion into longterm contracts



GROW PEOPLE TO CULTIVATE STABILITY AND RETAIN OUR TALENT

- Sector-leading employee stock ownership plan - 100% eligible to join
- 7.3 years of seniority on average
- Low resignation rate: 8.5% in FY23



BUILDING A SAFE AND ATTRACTIVE WORKPLACE

- 72% Quality of Life at work, +2pts vs FY21
- Joint working group (Management, Social Partners, Employees) on working conditions in Bernin
- Low frequency rate of workplace accidents at 3.1 in FY23





















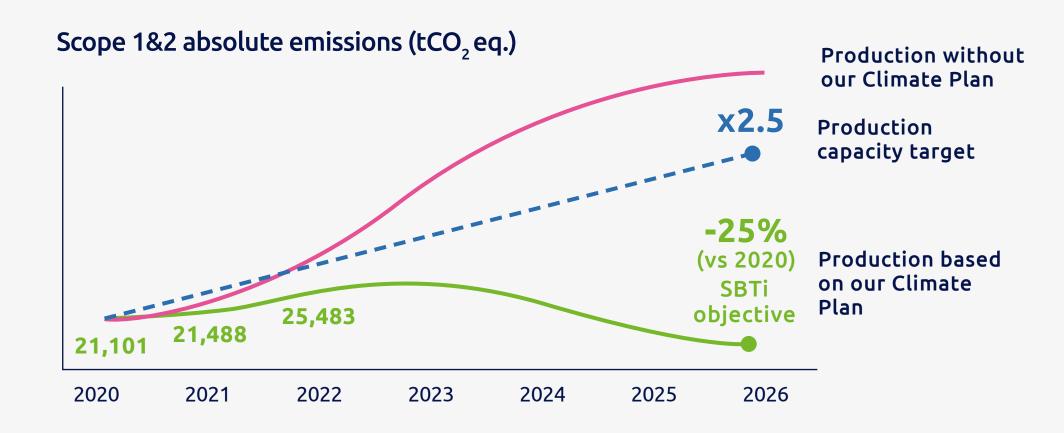


AS SOITEC GROWS, WE ARE EMBRACING OUR VISION OF SUSTAINABLE FABS REDUCING WATER CONSUMPTION & CO2 EMISSION (SCOPE 1&2)





- Reducing water consumption by FY30 thanks to several dozen process changes to limit water consumption
- Increasing water recycling from 16% (FY22) to 24.4% (FY23) through new loops implementation and continuing to innovate to further recycle water up to 30%
- Local initiatives started in the Alps to globally optimize water cycle



SCOPE 1 & 2 TARGET

- Since 2015, Bernin output has been multiplied by 3x while reducing energy consumption by 10%
- Deploying Bernin Energy Management BKM in Singapore, through ISO 50001. After Bernin being certified in 2015, Singapore certified in 2023
- 100% Low carbon energy secured in France until 2025, and around 40% secured in Singapore starting 2024
- Solar panels installed on Singapore site in FY23













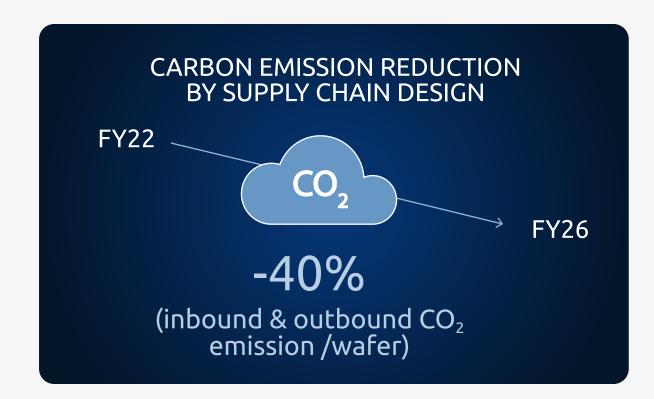








DESIGNING OUR SUPPLY CHAIN TO LIMIT CARBON EMISSIONS (SCOPE 3)



REDUCE TRANSPORTATION NEEDS

- Model and optimize Soitec carbon emissions based on our industrial footprint
- Match our asset deployment with customer location need
- Make each manufacturing site autonomous to sustain their own refresh



MAKING SEA FREIGHT OUR 1ST CHOICE

- Making sea freight a standard for all our suppliers
- Accelerate sea freight shipment **qualification** to our customers



LEVERAGING OUR SUPPLIERS

- Qualify low-carbon sources
- **ESG performance** part of Supplier rating
- Strategic partner committed to ISO 50001 certification





















OPERATIONS KEYMESSAGES

DEPLOYING A SCALABLE AND AGILE INDUSTRIAL MODEL

- Expanding capacity globally from ~3M wafers at the end of FY23 to ~4.5M wafers at the end of FY26
- Bernin 4 on track, cleanroom delivered, first tools move-in enabling first production Q3 FY24
- Pasir Ris extension kicked off, first production CY25
- Deploying ~€1.5B CAPEX to sustain ~20% CAGR FY23-FY26

DELIVERING ON OUR RAMP UP AMBITIONS WITH A FOCUS ON EFFICIENCY

- Ramping up with scalability and agility
- Industry 4.0 to drive efficiency
- Leveraging our industrial and operational excellence track of record to successfully ramp up 2 new fabs and deliver on our growth prospects

BUILDING AND DRIVING A SUSTAINABLE GROWTH MODEL

- Attract, grow and retain people to deliver significant growth
- Growing with constrained environmental resources
- Designing our supply chain to limit carbon emissions























FINANCE Léa Alzingre



















FINANCE KEY MESSAGES

PREPARING FOR REACCELERATION BEYOND **FY24 TRANSITION YEAR**

OPTIMIZED INVESTMENT CYCLE FROM FY24 TO FY26 TO SECURE **GROWTH EXPANSION**

STRONG ACCELERATION FOR VALUE CREATION: x2 EBITDA IN 3 YEARS





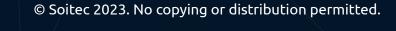












FY23 FINANCIAL HIGHLIGHTS

P&L

€1,089M SALES

+19% Y/Y Organic Growth

36.0% EBITDA⁽¹⁾ MARGIN

+0.2pts vs FY22

€233M NET PROFIT

+15% vs FY22

€6.63 EPS

+11% vs FY22

CASH FLOW

€263M OPERATING CASH FLOW(1)

+€8M vs FY22

€244M CAPEX(1)(2)

+€15M vs FY22

FREE CASH FLOW⁽¹⁾

v €42M in FY22

BALANCE SHEET

€1.3B EQUITY

+€262M vs end of March 22

€788M GROSS CASH POSITION

+€60M vs end of March 22

€140M NET CASH POSITION

-€2M vs end of March 22

(1) From continuing operations. EBITDA represents operating income (EBIT) 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) Cash-out related to investing activities























SUSTAINED ORGANIC REVENUE GROWTH ACROSS ALL END-MARKETS



€M	FY23	FY22	Change as reported	Change at constant FX and scope
Mobile Communications	731	624	+17%	+10%
Automotive & Industrial	141	74	+89%	+77%
Smart Devices	217	165	+32%	+26%
Total Revenue	1,089	863	+26%	+19%

MOBILE COMMUNICATIONS

• In the context of global smartphone market slowdown:

RF-SOI growth supported by:

- Further penetration of 5G in high-end smartphones requiring greater semiconductor content
- Long-term customer agreements

AUTOMOTIVE & INDUSTRIAL

- Demand driven by the rise in semiconductor content embedded in new vehicles:
 - **Digitalization:** infotainment, ADAS, functional safety
 - Electrification: EV and hybrid engines
- Sharp growth in FD-SOI and in Power-SOI
- First revenue generated by SmartSiC™

SMART DEVICES

- Demand driven by more complex sensors, higher connectivity functionalities and embedded intelligence:
 - More powerful / efficient chips for edge AI, datacenters and cloud computing
- Sharp growth in FD-SOI for IoT and edge computing devices
 - Sustained growth in Photonics-SOI (high-speed connectivity for AI in the cloud) and in Imager-SOI (3D imaging)















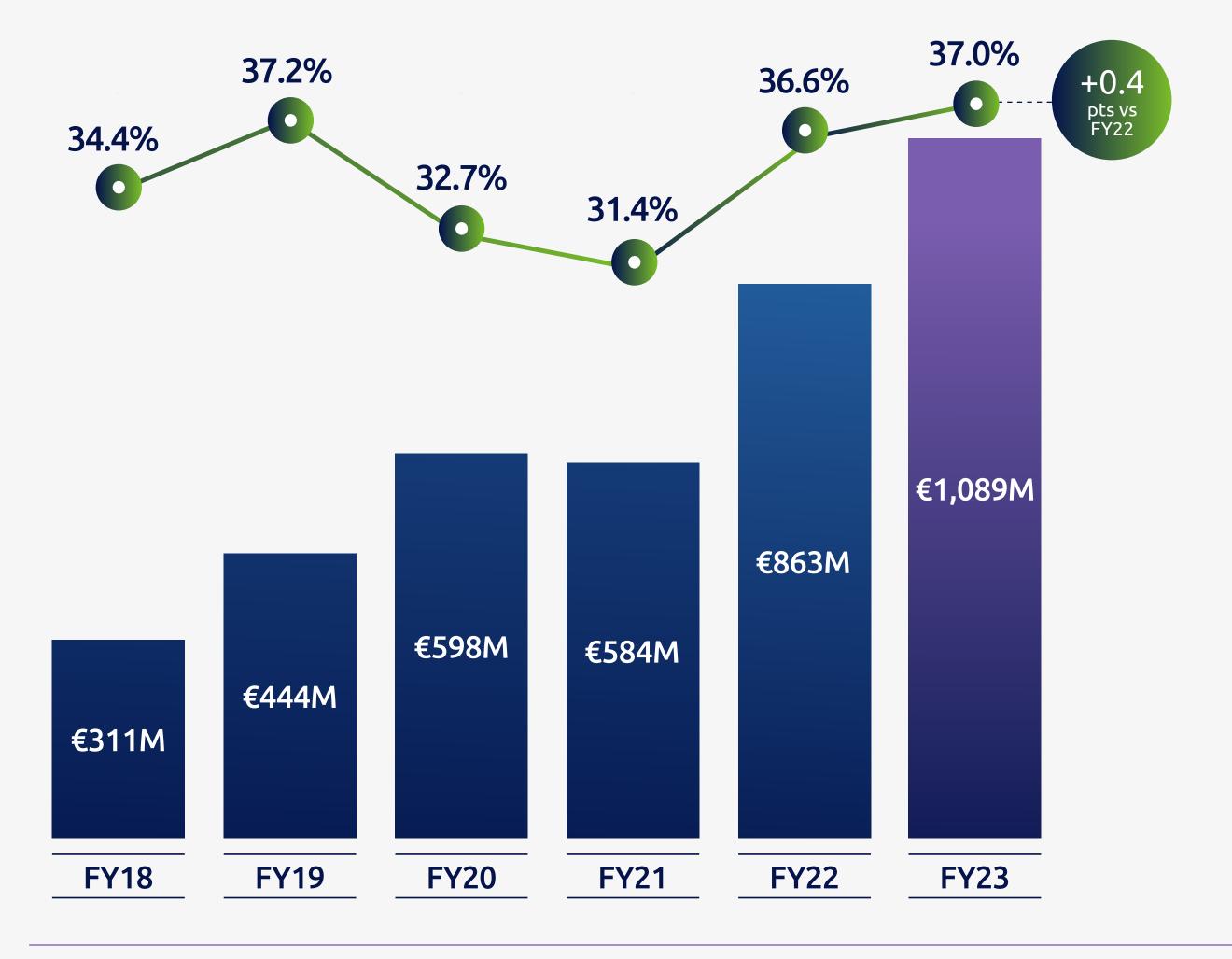








GROSS MARGIN FURTHER IMPROVED TO 37.0%



Gross margin (%) Total revenue (€M)

GROSS MARGIN TAILWINDS



- Strong operating leverage
- Robust industrial performance
- Favorable mix effect

GROSS MARGIN HEADWINDS



- Inflation:
 - Mainly on bulk material cost, as anticipated, within long-term supply agreement
- Dilutive currency effect due to hedging
- Non-recurring items:
 - Inventory depreciation





















CURRENT OPERATING INCOME INCREASED BY A STRONG 37%

€M	FY23	FY22	Change
Revenue	1,089	863	+26%
Gross profit	402	316	+28%
as a % of revenue	37.0%	36.6%	
Gross R&D expenses before capitalization	(123)	(108)	+14%
as a % of revenue	11.3%	12.5%	
- Gross R&D expenses after capitalization	(95)	(93)	+2%
- Subsidies, income tax credit and other revenue	30	36	-16%
Net R&D expenses	(64)	(57)	+13%
as a % of revenue	5.9%	6.6%	
- Sales and Marketing expenses	(16)	(15)	+6%
- General and Administrative expenses	(55)	(49)	+13%
SG&A expenses	(71)	(64)	+11%
as a % of revenue	6.5%	7.4%	
Current operating income	267	195	+37%
as a % of revenue	24.5%	22.6%	

Current operating margin improved by ~2pts to 24.5% of revenue

- Robust increase in gross profit
- Tight control over operating expenses while continuing to prepare for future growth

Net R&D expenses increased by 13%

- Gross R&D expenses before capitalization increased by €15M to €123M (11.3% of revenue)
- Strong effort to support innovation strategy and product portfolio expansion

SG&A expenses down to 6.5% of revenue

 Moderate increase in SG&A expenses despite higher labor costs due to hirings and inflation























NET PROFIT RAISED BY 15%

€M	FY23	FY22	Change
Current operating income	267	195	+37%
- Other operating income and expenses	0	10	
Operating income	268	205	+31%
- Financial expenses	(10)	(13)	
- Net foreign exchange gain	1	13	
Net financial result	(10)	(1)	
- Income tax	(26)	(2)	
Net profit from continuing operations	232	202	+15%
- Net profit / (loss) from discontinued operations	1	(0)	
Net profit (Group share)	233	202	+15%
- Basic EPS (in €)	6.63	5.98	+11%
- Diluted EPS (in €)	6.41	5.63	+14%
Number of shares	35,133,150	33,753,666	
Number of diluted shares	37,240,936	37,181,632	

FY22 benefitted from a €10M non-recurring operating income (reversal of an impairment loss related to Singapore industrial building)

Net financial result at €(10)M vs €(1)M in FY22

- Positive impact of OCEANEs 2023 conversion and income related to cash investments
- Offset by FX net result (€1M net forex gain in FY23 vs €13M gain in FY22)

Effective income tax rate came at 10% of pre-tax profit

- The Company continued to benefit from tax loss carryforwards
- Favorable non-recurring effects

Net profit reached €233M, up 15% vs FY22













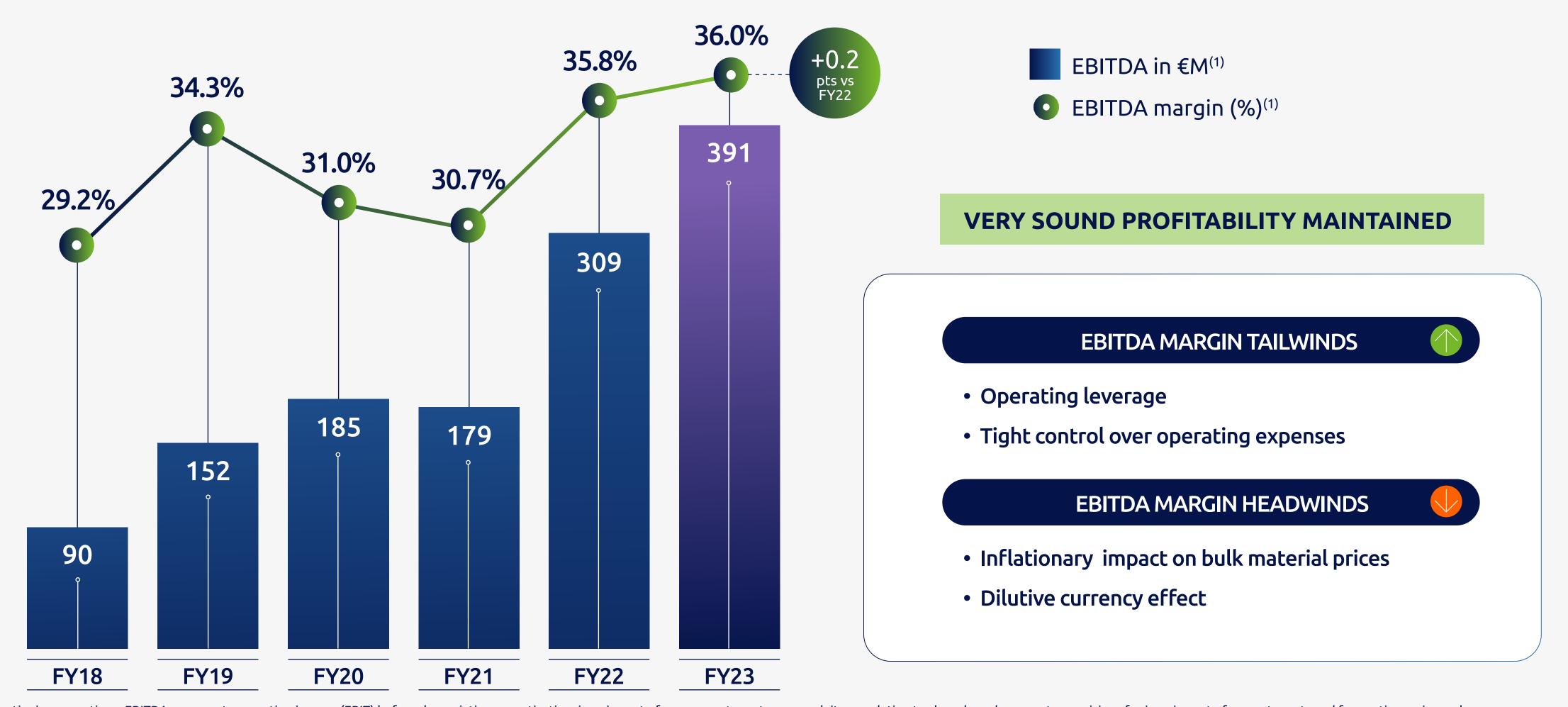








SUSTAINED EBITDA MARGIN AT 36% OF REVENUE



(1) From continuing operations. EBITDA represents operating income (EBIT) 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





















POSITIVE FREE CASH FLOW WHILE CAPACITY INVESTMENTS FURTHER INCREASED

€M	FY23	FY22
Operating income	268	205
- Depreciation and amortization	106	81
- Other items	18	23
EBITDA ⁽¹⁾	391	309
Change in working capital	(96)	(52)
- Incl. inventories	(36)	(31)
- Incl. trade receivables	(112)	(48)
- Incl. trade payables	40	15
- Incl. others	11	12
Tax paid	(32)	(2)
Net cash generated by operating activities(2)	263	255
- Purchases of intangible assets	(42)	(24)
- Purchases of property, plant and equipment	(186)	(181)
- Others	(1)	(8)
Net cash used in Investing activities(2)	(228)	(213)
Free Cash Flow ⁽¹⁾	34	42

OPERATING CASH FLOW SLIGHTLY UP AT €263M

Improvement in operating cash flow from strong EBITDA (€391M, up €83M vs FY22) partially offset by a higher increase in working capital requirement (+€44M vs FY22)

€96M negative change in working capital

- €36M increase in inventories and €112M increase in trade receivables mostly reflecting the higher level of activity and fewer downpayments received from customers
- Partially offset by a €40M increase in trade payables

€32M tax paid vs €2M in FY22 (non-recurring adjustments in FY22)

POSITIVE FREE CASH FLOW AT €34M vs €42M IN FY22

Investments at €228M (€244M including tools financed through leasing contracts)

- €28M in capitalized R&D (mainly SmartSiCTM)
- €191m related to capacity investments (€155m SOI, €25m Filters, €11m SmartSiC™)

(1) From continuing operations. EBITDA represents operating income (EBIT) 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











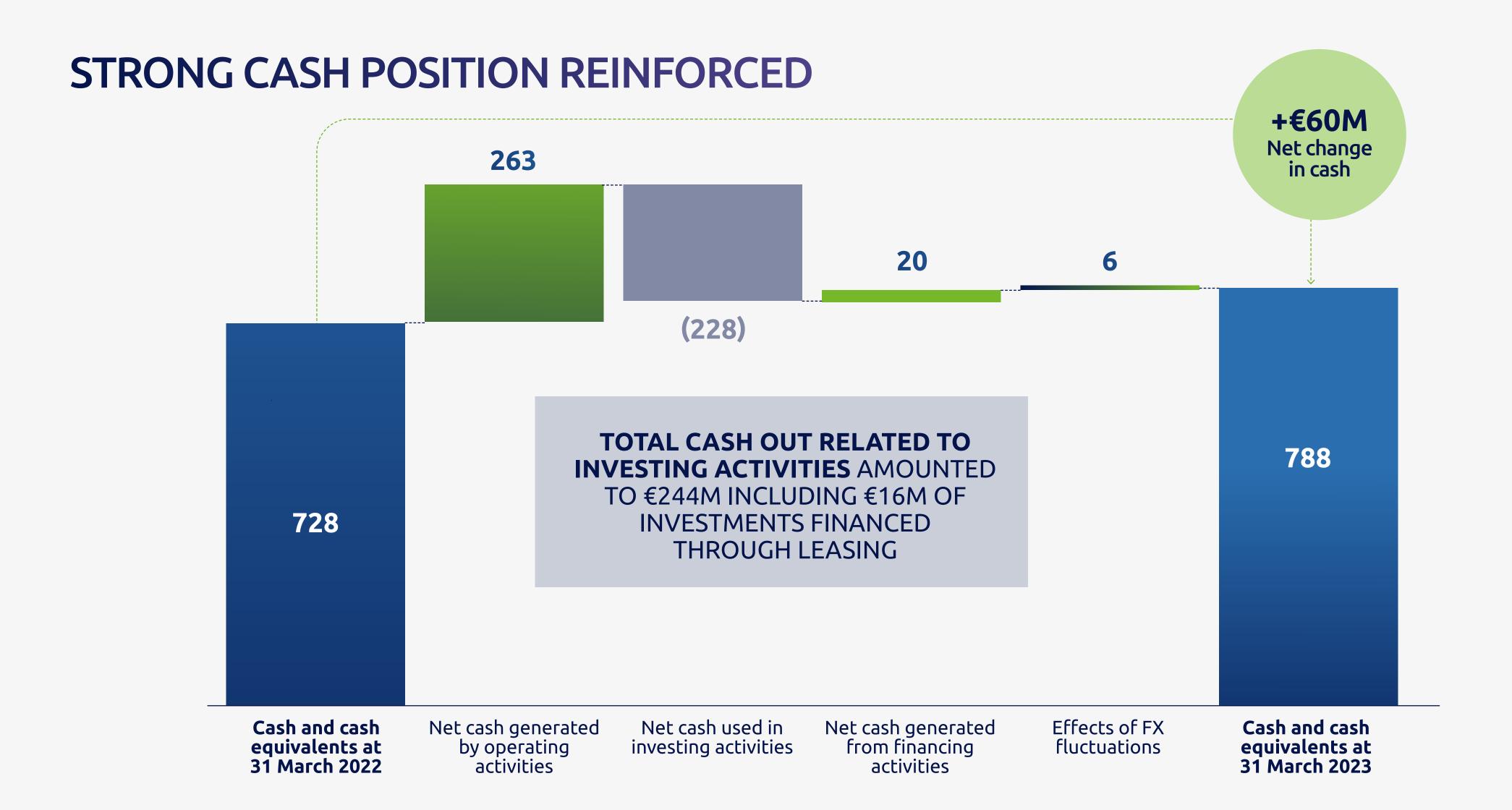












Cash inflows and outflows from continuing operations (cash outflow related to discontinued operations was close to zero)



















VERY SOUND BALANCE SHEET MAINTAINED

ASSETS - in €M	31 March 2023	31 March 2022
Intangible assets	128	108
Tangible assets	705	562
Other non-current assets	84	35
Deferred tax assets	67	64
Total non-current assets	985	770
Inventories	175	143
Trade receivables	363	280
Other current assets	109	66
Cash and cash equivalents	788	728
Total current assets	1,435	1,216
Total assets	2,420	1,986

€143M net increase in tangible assets includes €181M investments related to:

- Further capacity investment in Singapore 300mm SOI facility
- Capacity investment in Bernin (300mm SOI, POI)
- New leasing contracts for land and administrative buildings

Other non-current assets mainly include tax research credit receivables and downpayments to suppliers

LIABILITIES AND EQUITY - in €M	31 March 2023	31 March 2022
Total equity	1,306	1,044
Long-term financial debt	578	518
Provisions and other non-current liabilities	80	79
Total non-current liabilities	659	597
Short-term financial debt	69	68
Trade payables	171	101
Other current liabilities	216	177
Total current liabilities	456	346
Total liabilities and equity	2,420	1,986

€62M increase in financial debt mainly reflects:

- €53M of net drawdowns and new borrowings
- €20M net increase in property leases and leasing contracts
- Partially offset by €17M change in fair value of financial derivatives (FX hedging)

















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



























FY24 AND BEYOND UPDATING OUR FINANCIAL COMMUNICATION CALENDAR









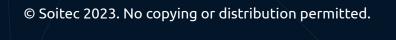












OUTLOOK – FY24 GUIDANCE CONFIRMED

STABLE REVENUE EXPECTED ON AN ORGANIC BASIS

FY24 EXPECTED TO MARK A PAUSE IN FAST GROWTH TRAJECTORY TOWARD FY26

- Weaker smartphone market with strong inventory correction expected to weigh on **Mobile Communications**
- Sustained demand anticipated in both Automotive & Industrial and Smart Devices markets
- H1'24 revenue expected to decline by ~15% on an organic basis
- H2'24 revenue expected up low double digit

EBITDA MARGIN⁽¹⁾ **EXPECTED TO REMAIN AT ~36%**

PROFITABILITY MAINTAINED THROUGH STRICT COSTS CONTROL

- Inflation, including bulk price
- Sustained effort in R&D
- Offset by strong cost control
- Solid level of loading of our fabs
- Revenue timing over the year will request tight production management
- €/\$: 1.10 (~40% of net exposure hedged ~1.12)

CAPITAL EXPENDITURE EXPECTED AT ~€300M

CAPACITY INVESTMENTS TO SUPPORT STRONG GROWTH THROUGH FY26

SOI INVESTMENTS

- 300mm refresh capacity in Bernin 4
- Additional capacity investments at Singapore 300mm SOI existing facility
- Building of Singapore facility extension

OTHER INVESTMENTS

- Further investments in SmartSiCTM tools (150 & 200mm in Bernin 4)
- Ongoing investments in innovation (including capitalized R&D)

(1) EBITDA margin = Electronics EBITDA (EBITDA from continuing operations) / Revenue















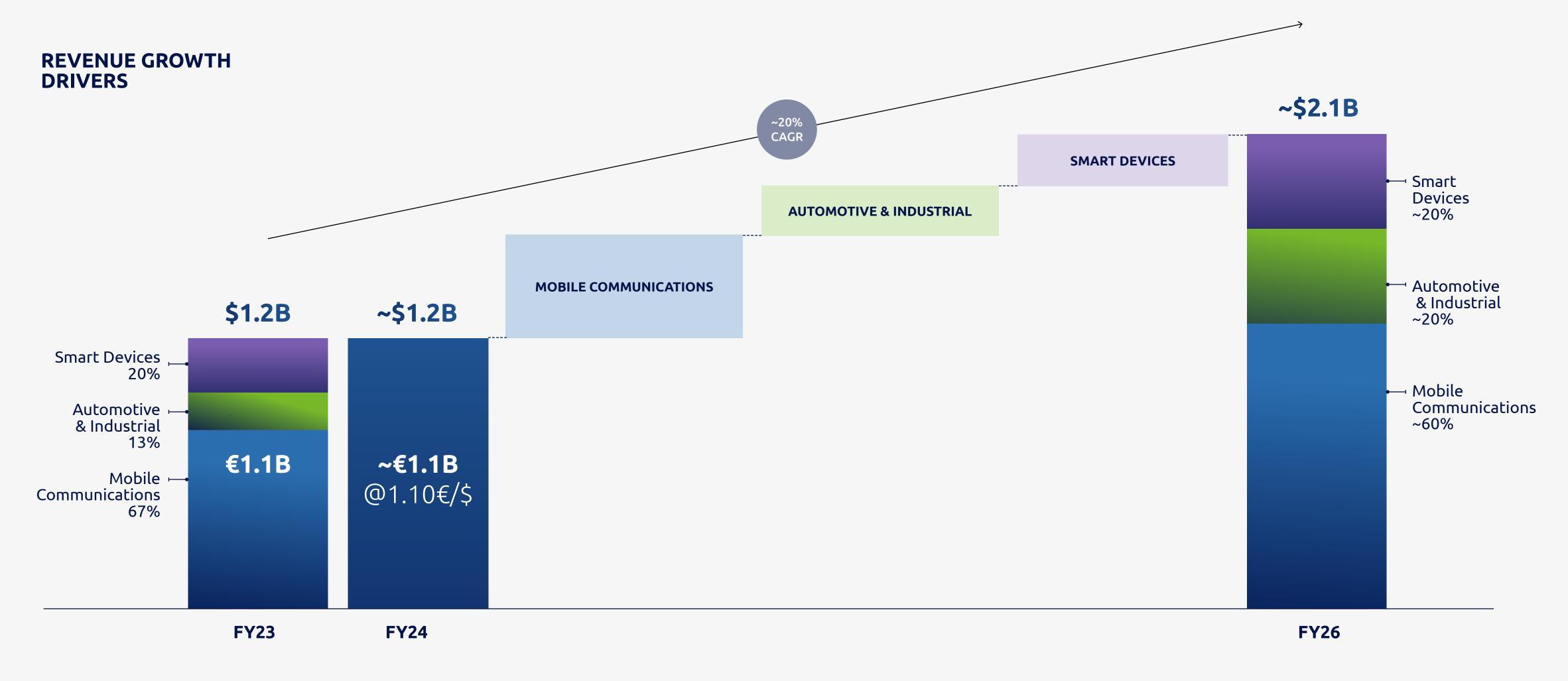






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FINANCIAL MODEL - REVENUE TO REACH \$2.1B IN FY26













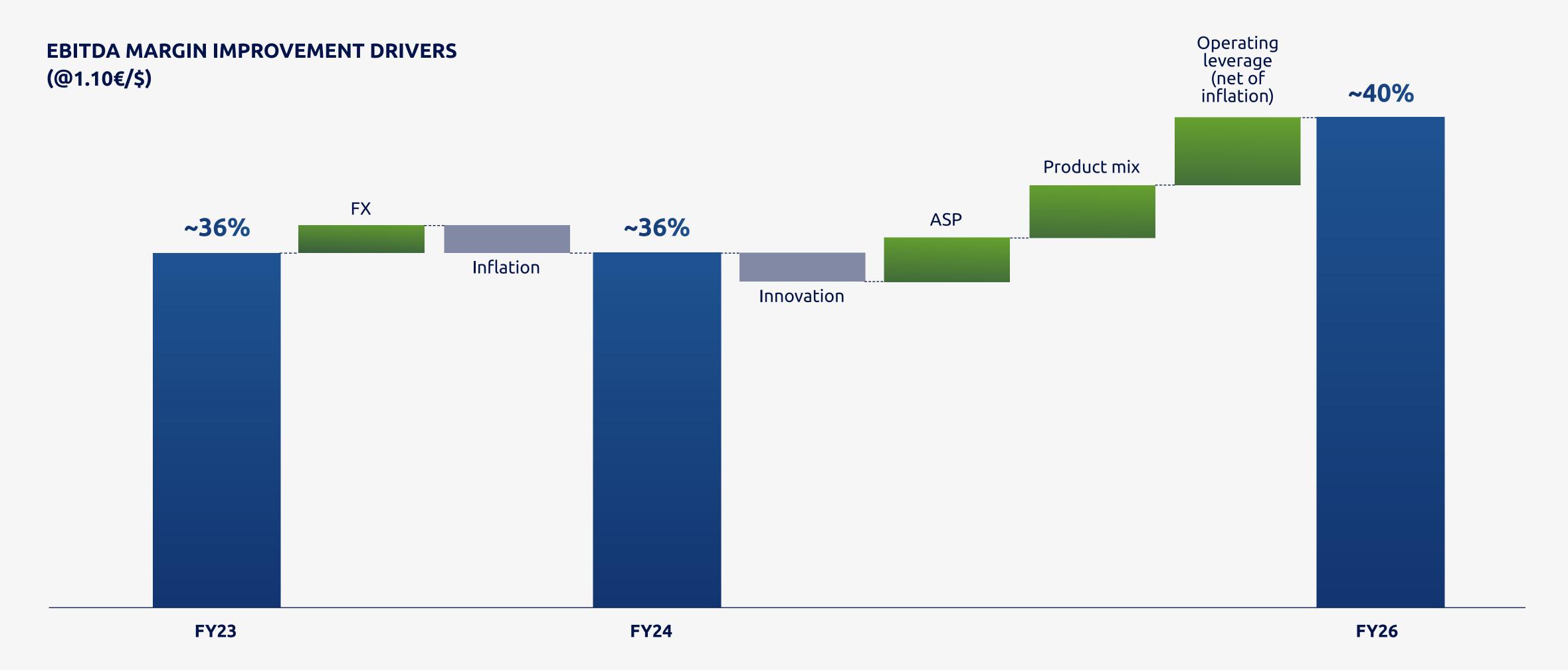








FINANCIAL MODEL - x2 EBITDA BY FY26





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FINANCIAL MODEL - CAPITAL ALLOCATION

	FY23 (Actual)	FY24	FY26 (Model)
CAPEX % Revenue ¹	22%	~27%	~20% over FY22-26
ROCE ² (post-tax)	20%	>	~25%

CAPEX

€1.5B CAPEX expected over FY22-FY26 including €1B over FY24-FY26 (incl. €90M for Bernin 4 building financed through lease back)

Rigorous piloting of our CAPEX through post-tax ROCE² improvement, from ~20% in FY23 (2x WACC) to ~25% in FY26

VALUE CREATION DRIVERS

Sufficient cumulative operating cash flows to finance CAPEX

• Strong working capital monitoring and targeted working capital around 30% of revenue in average

Capital allocation priorities:

- CAPEX
- Innovation

Debt

- Loans at variable rate hedged through cap
- Potential partial / full OCEANEs 25 buyback

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























⁽¹⁾ Excluding Buildings

FINANCE KEY MESSAGES

PREPARING FOR REACCELERATION **BEYOND FY24 TRANSITION YEAR**

- FY23 19% Revenue growth and 36% EBITDA margin in line with commitment
- FY24 plateau demand with flat sales for Soitec
- Strong acceleration in FY25 & FY26 with 20% CAGR

OPTIMIZED INVESTMENT CYCLE FROM FY24 TO FY26 TO SECURE **GROWTH EXPANSION**

- ~€1B CAPEX to fully capture growth potential
- Strong focus on return: post-tax ROCE to grow from ~20% to ~25%

STRONG ACCELERATION FOR VALUE CREATION: x2 EBITDA IN 3 YEARS

- FY26 revenue expected ~\$2.1B
- x2 EBITDA from FY24 to FY26
- Leveraging product added value, higher ASP, operational excellence and operating leverage





















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CEO WRAP-UP

Pierre Barnabé





















CEO KEY MESSAGES



Technology megatrends to fuel MASSIVE DEMAND for semiconductors and increased adoption of ENGINEERED **SUBSTRATES**



Deploying our sustainable value creation model to STRENGTHEN **OUR GLOBAL LEADERSHIP** in engineered substrates



FY26 REVENUE / EBITDA **OBJECTIVES ON TRACK** x2 EBITDA in 3 years

BEYOND FY26 EXPAND our sustainable value creation ambitions

















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CAPITAL MARKETS DAY 2023

THANKYOU