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Paris

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Agenda

- 1 CEO Introduction
- 2 Communication & Power
- 3 Digital Electronics
- Q&A session
- 4 Industrial Operations
- 5 Financials
- 6 CEO Closing Remarks
- Q&A session

Paul Boudre

Chief Executive Officer



Executive Summary

Significant growth ahead for the semiconductors industry driven by multiple applications

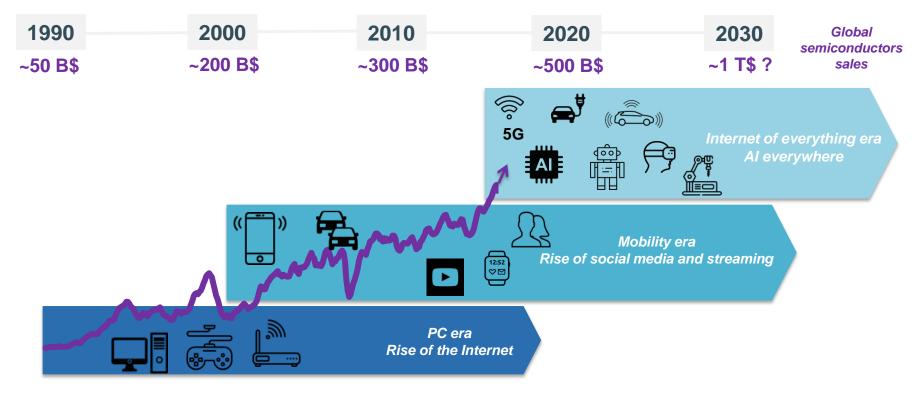
Soitec uniquely positioned to capture the various components of this growth

3 Soitec footprint to rise significantly in fast growing high-value markets

4 Outlook for 2022



Semiconductors sales now driven by multiple markets





Semiconductor-driven innovation across all industries

Mobility enhanced with new device features and 5G







Artificial intelligence already in our everyday life







Autonomous and e-vehicles to set new standards







Augmented & Virtual reality, more than a gadget









Soitec strategic position in the electronic value chain

ELECTRONIC GOODS

ENGINEERED SUBSTRATES

FOUNDRIES

CHIP MAKERS & FABLESS

BULK WAFERS





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Innovation – Towards system platforms collaborations







Solving complex problems for the industry

2 Business Units

Digital Electronics

FD-SOI

Imager-SOI

Photonics-SOI

Communication & Power

RF-SOI

Power-SOI

New engineered substrates

Unique value proposition

Longer battery life

High reliability

Outstanding Performance

\$\$\$\$ Optimized cost

4 strategic end markets



Smartphones



Automotive



Cloud infrastructure



Internet of Things



Smartphones

Key drivers: 4G/5G, optimized computing, sensors, AI processing

~20mm² SOI footprint in 2017 → >100mm² SOI footprint in 2022



Soitec #1 market

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More RF-SOI content

- > 4G/LTE-advanced expansion
- > 5G introduction

> Penetration of FD-SOI

- Application processors
- Image signal processors
- > 5G transceivers
- Al processors

> 3D sensors

- Near infra-red sensors
- > Opportunities to penetrate other sensors verticals



Automotive

Key drivers: autonomous driving, electric vehicles, infotainment, connectivity

~100mm² SOI footprint in 2017 → >200mm² SOI footprint in 2022

- > More Power-SOI
 - More electronic content per car
- > Penetration of FD-SOI
 - Application processors
 - > Radars
 - Vision processors
- Opportunities to penetrate other sensors verticals

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Soitec #2 market



Cloud infrastructure

Key drivers: Hyperscale data centers, ethernet switching speed, 5G, autonomous driving

~80mm² SOI footprint in 2017 → >400mm² SOI footprint in 2022



Data centers enable Cloud infrastructure

- More Silicon photonic
 - Optical transceivers chip size to rise dramatically
- Opportunities for FD-SOI for microservers
 - Application processors
- > Opportunities to penetrate other devices based on compounds semiconductors



Internet of Things

Key drivers: Ultra-low power, always-on applications, new form factors

<10 mm² footprint in 2017 → ~50 mm² footprint in 2022

- > Adoption of FD-SOI and RF-SOI
 - Application processors, microcontrollers, GPS, RF front-end module
- Opportunities for sensors
 - > Imaging, MEMS
- > Business opportunities for compounds
 - MicroLEDs for displays



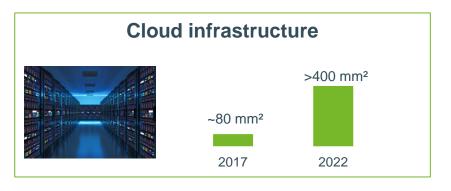
Internet of Things
Billions of connected and smart objects

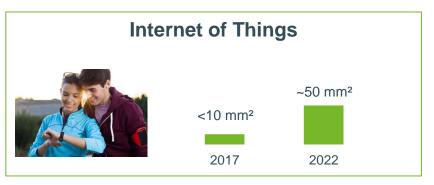


Soitec footprint to expand in every end market



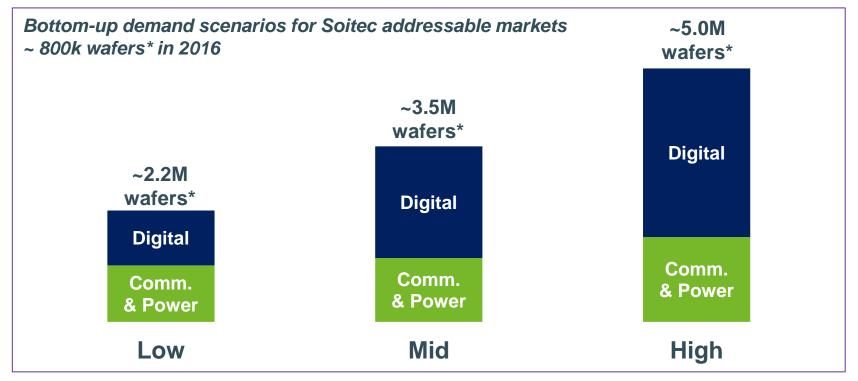








Outlook for 2022 - TAM to be x3 to x6 compared to 2016





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Q&A session





Dr. Bernard ASPAR
EVP Communication & Power Business Unit

- 1 Communication & Power Business Unit at a glance
- 2 RF-SOI and new engineered substrates for RF
- 3 Power-SOI
- 4 Compounds semiconductors
- 5 2022 Outlook

Communication & Power Business Unit







Skills

~100 people (PhDs / Engineers / Technicians) Materials sciences, microelectronic technology, integrated circuits, sensors

Products and Technologies

RF-SOI

Power-SOI

POI

Compounds







Manufacturing







Simgui





Smartphones



Antenna/Switch **Filters** Amplifiers

Automotive



Transceivers Gate drivers Audio amplifiers

IoT



RF modules Displays Sensors



RF-SOI and new engineered substrates for RF

For high efficient mobile communication

Mono-crystal Top

Silicon

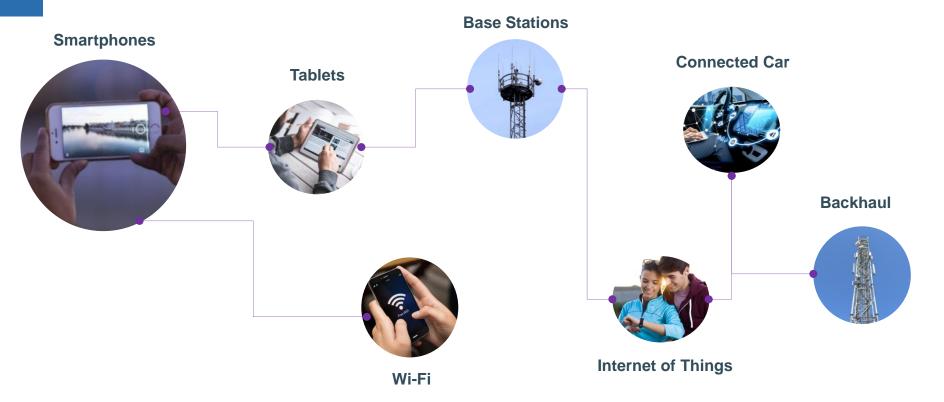
Buried Oxide

Trap Rich Layer

High Resistive Base



We live in a wireless connected world





New applications require device and network evolutions



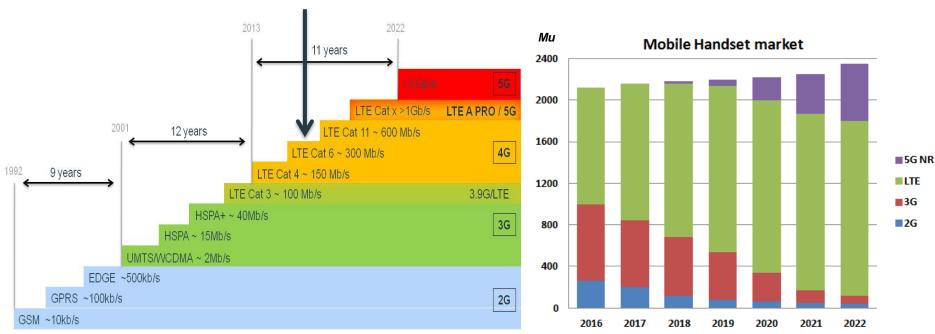


Data

RF technology road map

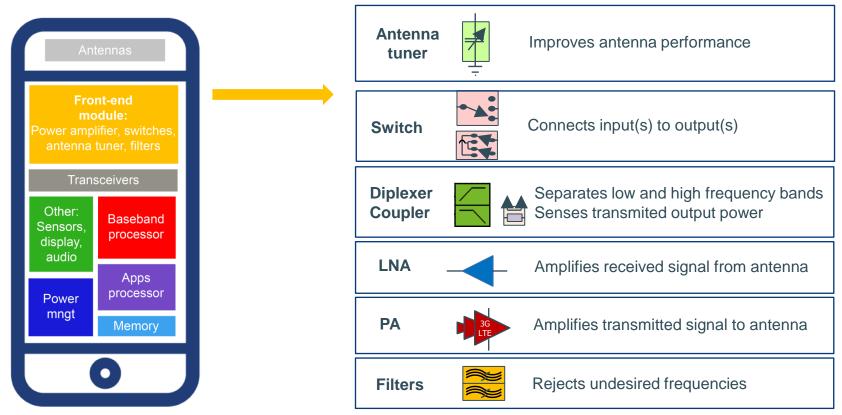
4G and 5G <6Ghz is the market driver for the next 5 years

Today Market volume





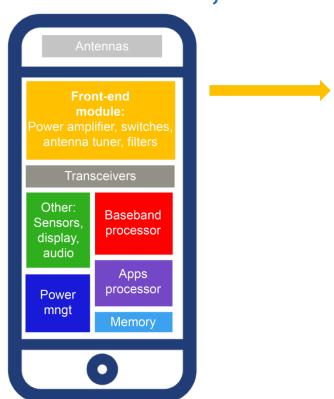
RF Front- End Module (FEM) for communication

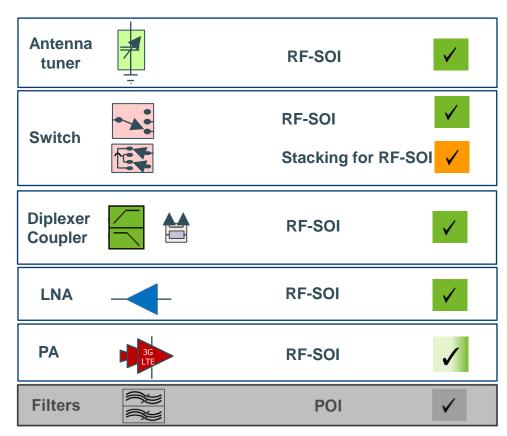




RF-SOI is the standard technology for FEM, switches,

antenna tuner, etc.

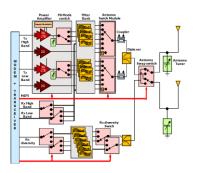






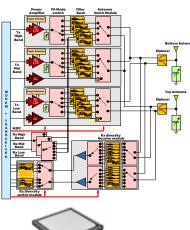
FEM complexity increases RF-SOI content

LTE 2012 (**)



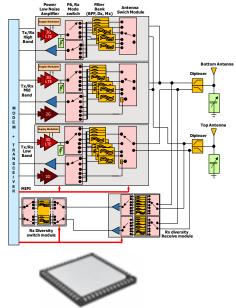


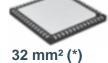
LTE Advanced 2014



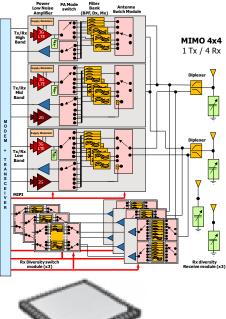
20 mm² (*)

LTE Advanced PRO 2016





LTE Advanced PRO 2017 **5G sub <6Ghz** 2019







Final product value is coming from solid ecosystem where substrates are the foundation



RF-SOI: a standard supported by a complete ecosystem





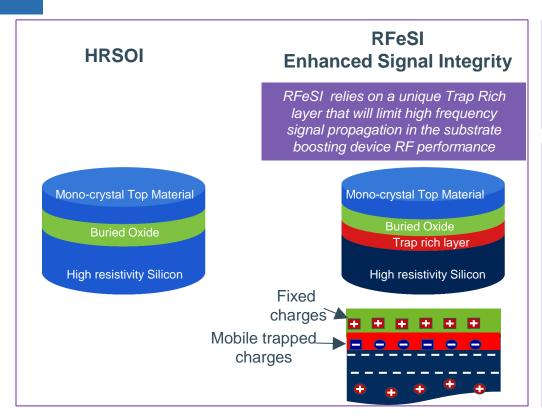








Soitec RF-SOI wafers : HRSOI & RFeSI™







PERFORMANCE

- Higher Linearity
- > Lower RF losses
- Lower crosstalk
- > High quality passives

COST

- Lower than GaAs and MEMS
- > Integration with switch, amplifiers and passives
- Available in 200/300mm

AREA

Lower die size

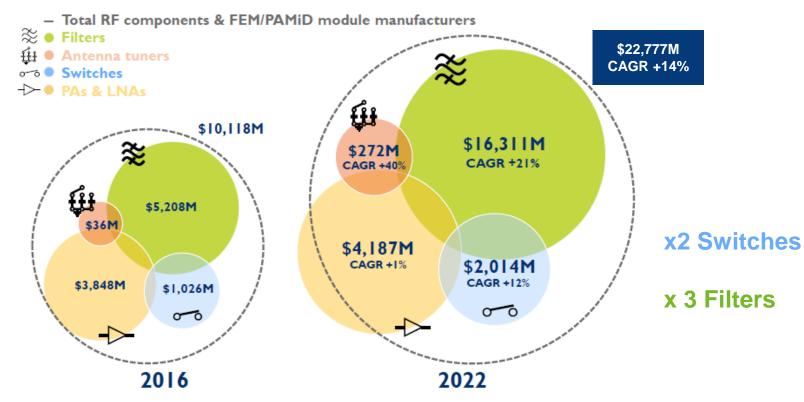








RF FEM market continues to grow X2 (2016-2022)





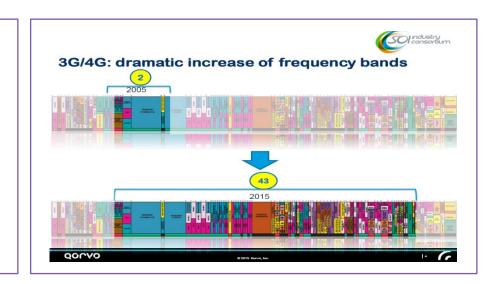
Soitec targets filters market opportunity with a new engineered substrate

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Market opportunity

- > Filters in smartphones account for ~50% of RF content (\$)
- > Stringent technical requirements for 5G
 - > Multiple band support
 - > Stability over temperature
 - Higher integration
 - > Higher frequencies support
 - > Thinner package for more integration in phone

The # of bands challenge





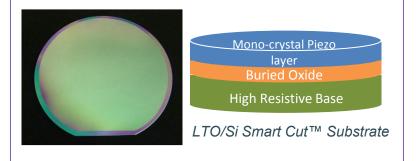
New generation of engineered substrates to address filter challenges : « Piezoelectric On Insulator »

Piezoelectric materials

Value proposition

STATUS

- Crystal properties demonstrated
- > Piezo layer demonstrated for multiple thicknesses
- > Under evaluation by Tier #1 customers



PERFORMANCE

- Temperature stability
- Multi-frequency support
- > Wide band support for 5G



COST

> Competitive with existing technologies for filters



AREA

> Single die integration of multiple filters





frec|n|sys acquisition : an acceleration to penetrate filter market

Company profile

Interest for Soitec

COMPANY BASED IN BESANCON (France)

- > Expertise in Piezo based sensors and resonators
- An access to a 4"/6" manufacturing line that can run Piezo materials and build SAW sensors and resonators prototypes and small series
- A characterization lab to evaluate substrate impact on device performance

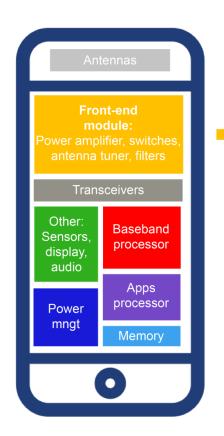
ACCELERATE ADOPTION OF PIEZO ON INSULATOR FOR SAW APPLICATIONS

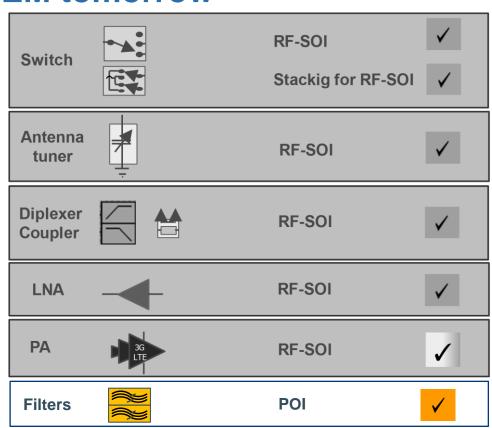
BETTER UNDERSTANDING OF DESIGN AND MODELING FOR FILTERS

MOVE ON NEW SENSOSR FIELD WITH TEMPERATURE AND PRESSURE SENSORS



Soitec presence in RF FEM tomorrow



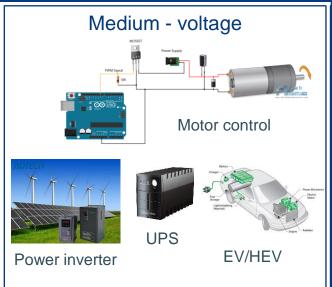






Power market and application overview



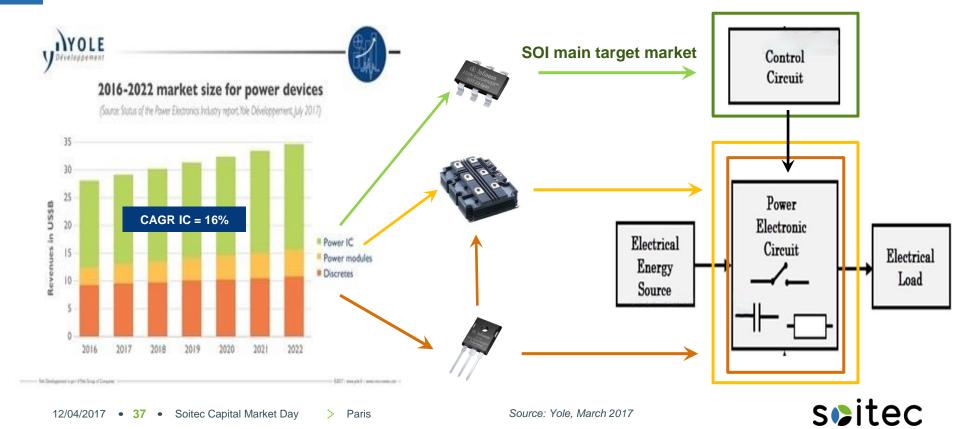




<100V 600V 1.7KV 3.3KV 6.5KV



Power-SOI typically targets control units of power systems



SOI penetration in power application 17% CAGR for Power-SOI (2017-2022)



Industrial

- Ultrasound Medical imaging
- Oil drilling
- Aerospace





Automotive

- Transceiver CAN/LIN
- Brushless motor drive
- High T. gate drivers





Communication

- AMOLED power supply
- AC/DC Power converter





Consumer

- LED drivers
- 3-phase motor drivers (white good, air conditioner)
- Plasma display drivers





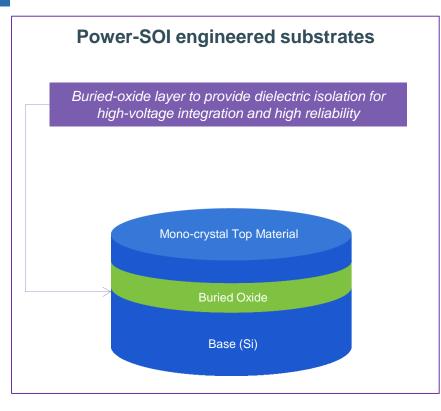
IT

- Desktop power supply
- Power over Ethernet





Power-SOI engineered substrates



Manufacturing mostly in 200mm





Simgui





Value proposition

PERFORMANCE

- > Excellent electrical isolation
- > Higher temperature operation
- > Multiple voltage domain integration
- > High switching frequency

HIGH RELIABILITY

COST

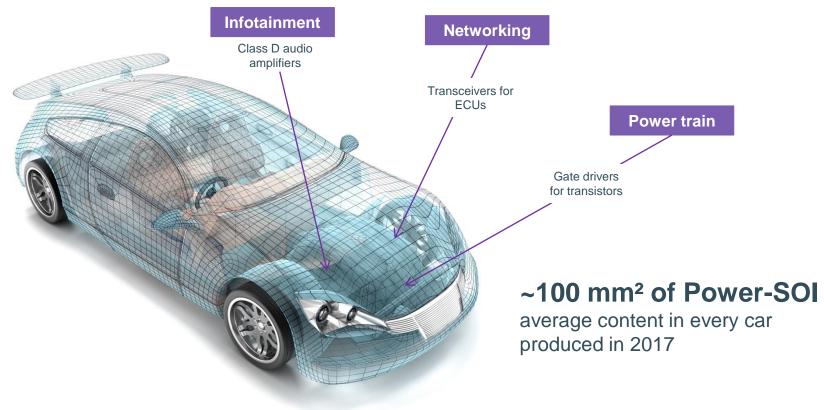
> Smaller die size







Soitec footprint in Automotive





New materials beyond Silicon

Engineered substrates based on Compounds Semiconductors



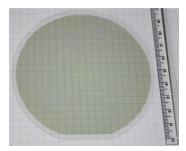
Developing new engineered substrates

Example for MicroLEDs

- > Disruptive technology for direct green and red microLEDs
- > Emission from hetero-structures grown on Soitec substrates



Indium-Gallium-Nitride (InGaN) materials
InGaN on Sapphire



> In collaboration with:



MicroLEDs examples of applications

- Virtual reality
- > Head Up Displays (HUD) for cars
- > Smartphones, smartwatches







Communication & Power Business unit – Key takeaways

- 4G and 5G represent large business opportunities for Soitec engineered substrates for both existing products (RF-SOI) and new products (POI for filters)
- Power is a critical element for many electronic devices Soitec business will expand thanks to automotive, industrial, consumer, displays
- Beyond silicon materials Soitec develops unique compounds substrates Potential applications in AR/VR, smart glasses, mobile displays...
- Total addressable market for the BU in 2022: 2.5 to 3.6 million wafers* (200mm) equivalent) ie 2x to 3x TAM in 2016



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- 2 Communication & Power



- 3 Digital Electronics
 - Q&A session
- 4 Industrial Operations
- 5 Financials
- 6 CEO Closing Remarks

Paris

Q&A session





Dr. Christophe MALEVILLE EVP Digital Electronics Business Unit

- 1 Digital Electronics Business Unit at a glance
- 2 FD-SOI
- 3 Photonics-SOI
- 4 Imager-SOI
- 5 2022 Outlook

Digital Electronics Business Unit







Skills

~ 100 people (PhDs, Engineers, Technicians, Operators) Semiconductor, material sciences, digital devices, design, manufacturing

Products and Technologies FD-SOI Photonic-SO Imager-SOI 3D structures

Manufacturing





Markets & Applications



Application & image signal processors 3D sensors 5G transceivers



Application processors Microcontrollers Radars



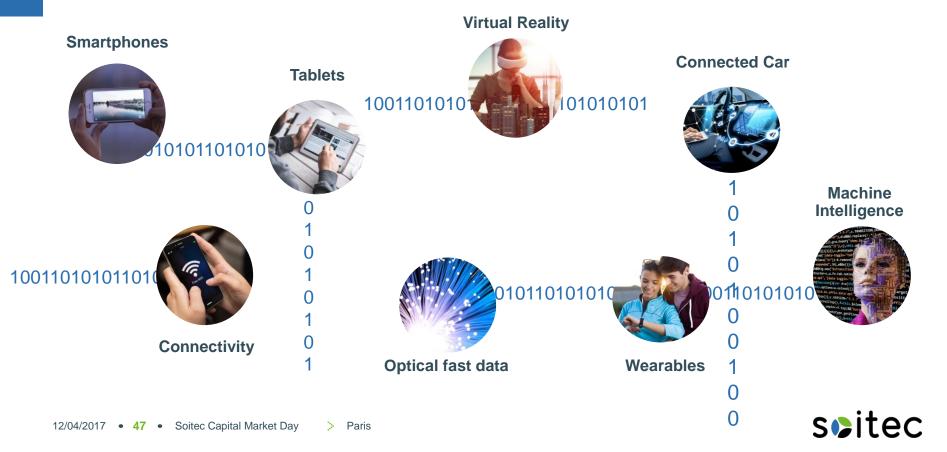
Application processors GPS



Optical transceivers



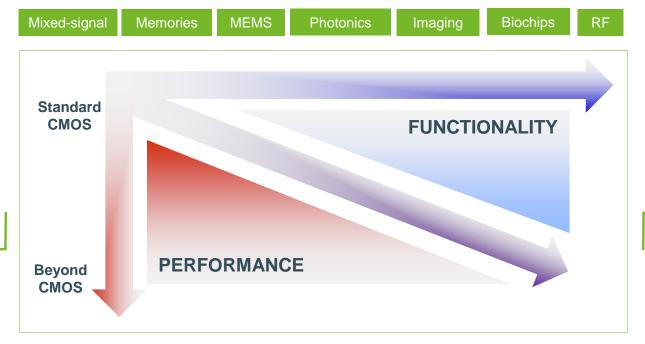
We live in a digital world



Semiconductor innovation – 3 possible paths

« More than Moore »

Heterogenous integration







Moore's law
Smaller transistors
New materials



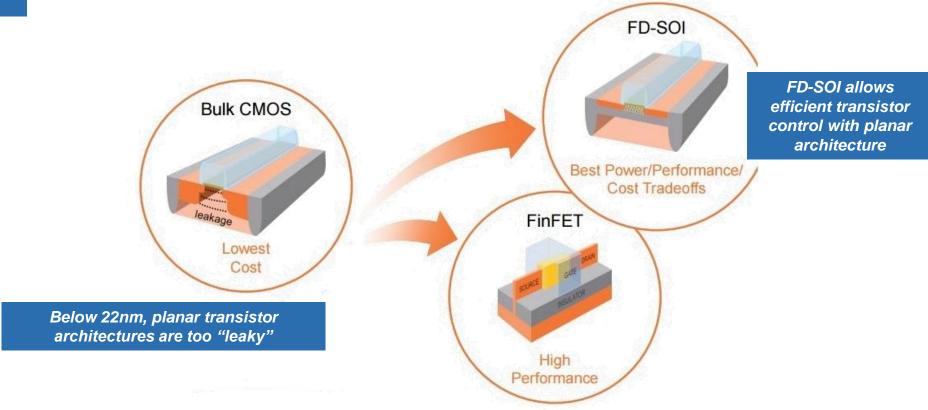
For power efficient & flexible digital computing with easy Analog/RF integration

Mono-crystal Top Material

Thin Buried Oxide

Base (Si)

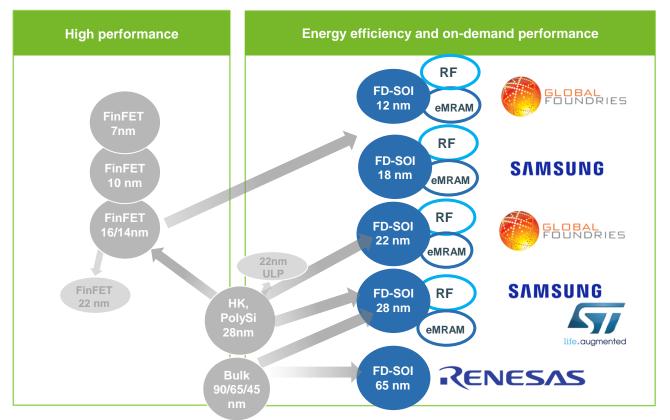
The merits of FD-SOI based transistors



Source: GlobalFoundries

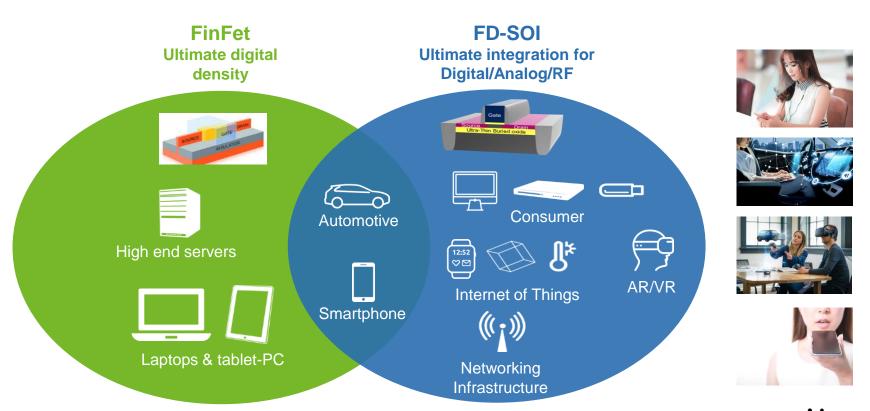


FD-SOI – A leading platform for low power applications





FD-SOI and FinFet mostly address different markets





FD-SOI engineered substrates

FD-SOI engineered substrates Ultra-thin top silicon & box enabling fully-depleted transistor operation Mono-crystal Top Material Thin Buried Oxide Base (Si)

Manufacturing only in 300mm





Value proposition

Up to 80% saving on Power vs bulk

- Junction capacitance removal
- > Body Bias enabling ultra-low voltage



Up to 50% performance boost

- On demand performance through body bias
- > 5G mmWave compatible RF device
- > Immunity to high energy particules (reliability)
- > Superior analog device behavior vs bulk



Cost – back on Moore's law downto 12nm

- > Lower manufacturing cost for foundry vs bulk
- > Lower NRE than FinFET





FD-SOI enabler: Thickness control at atomic level... in HVM*

Grenoble-Paris ~ 480 km



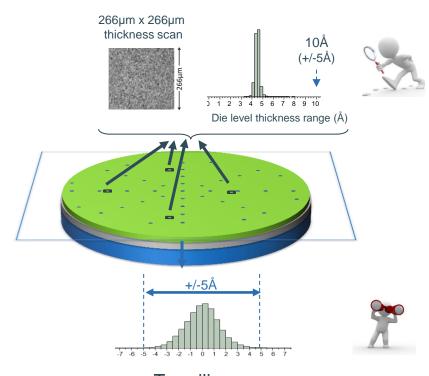
±0.8mm >



Millions wafers controlled at atomic level, all points, all wafers



Mature process and yield in HVM



Top silicon

Full wafer thickness deviations



A complete FD-SOI ecosystem in motion











FD-SOI Multiple Foundry Offering

Under development



RF eMRAM



Under qualification



RF eMRAM

SAMSUNG

FDX 22nm

RF eMRAM



In production



RF eMRAM



SAMSUNG

SOTB 65nm

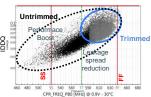
RENESAS



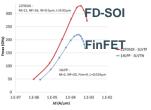
FD-SOI: 3 steps adoption

Unique Features:

Body Bias Compensation

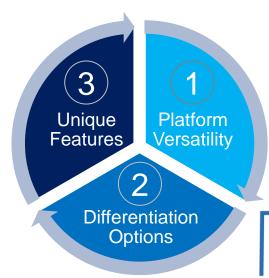


mmWave CMOS



Radiation immunity

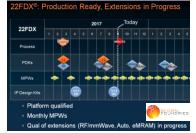




Platform Versatility: Energy Efficiency + Performance on Demand



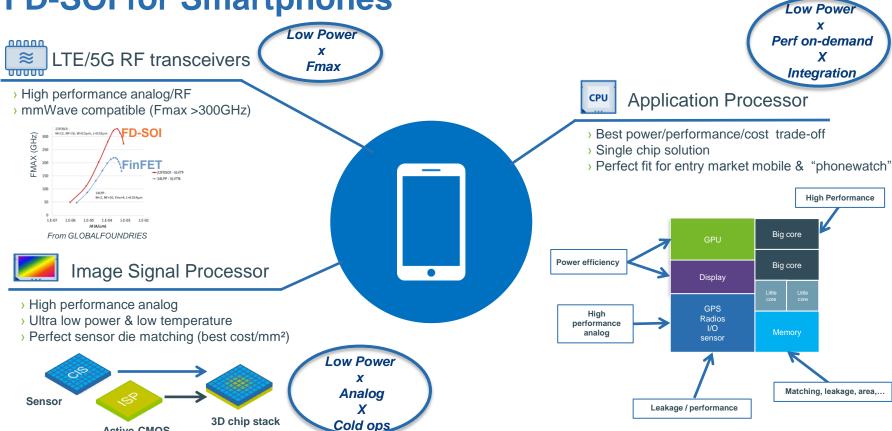
Differentiation Options: RF, MRAM, ULP







FD-SOI for Smartphones





Active CMOS

Paris

FD-SOI for Automotive

Best power efficiency allowing simpler integration and enhanced reliability

FD-SOI - Reference technology for ADAS level 3 applications



EyeQ4



Next generation **e-Cockpit** solution with full management of car infotainment i.MX 8 series Advanced Graphics & Performance



FD-SOI for Internet of Things

FD-SOI enable low-power and ultra-low power applications (always-on)







Low-power or ultra-low power applications

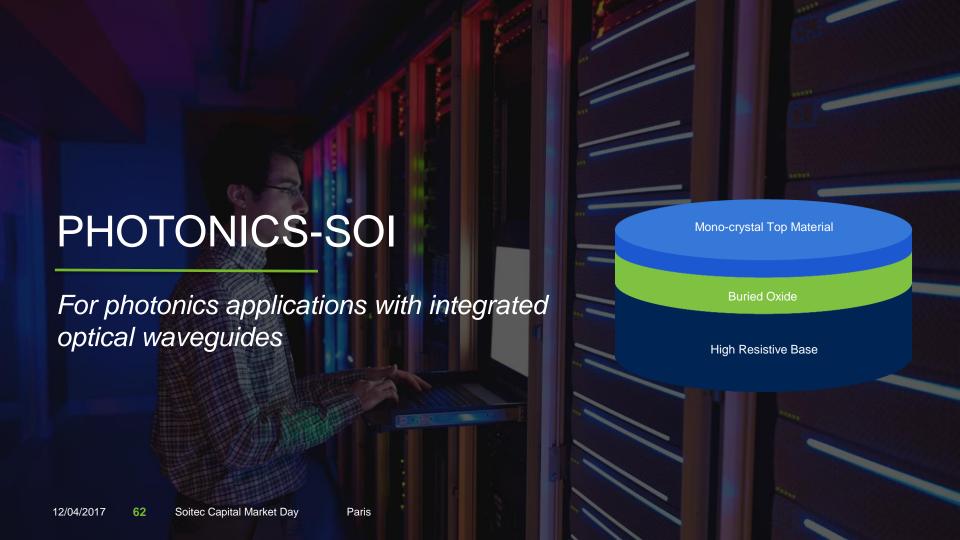
Around 40% of foundry business by 2022

Paris





Source: IBS Consulting



Cloud infrastructure needs much faster switching speeds

Internet & Telecom operators are building « Hyperscale » datacenters















Strong demand for much faster optical interconnects 100Gb/s, 400Gb/s











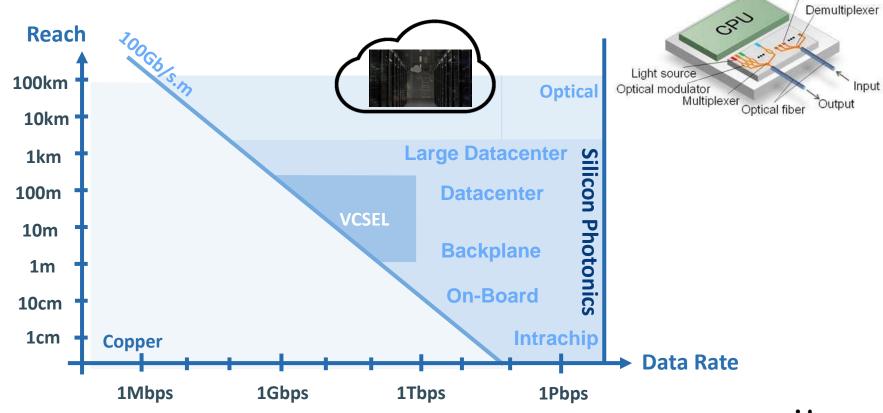
Hyperscale datacenters require higher switching speeds

90% of data communication **WITHIN** datacenters (East-West)





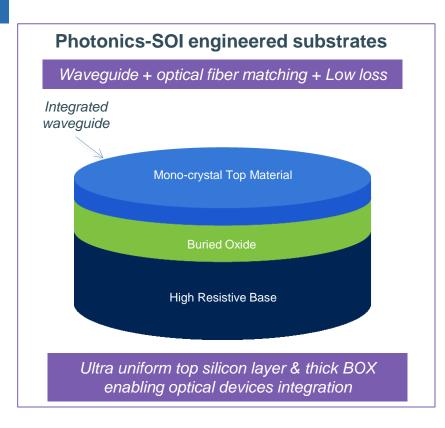
Photonics-SOI, the only way to make Silicon Photonics





Photodetector

Photonics-SOI engineered substrates



Manufacturing mostly in 300mm





Value proposition

POWER

- > Path for wavelength multiplexing
- > Enable optical transceiver closer to the chip (lower propagation loss)

PERFORMANCE

- > Higher throughput than direct light modulation
- > Enables 100G & 400G transceivers technology



COST

- > Leverage standard silicon process
- > Lower cost compared to non silicon platforms







For NIR CIS substrate based noise cancellation solutions

Mono-crystal Top Material

Thin Buried Oxide

Base (Si)

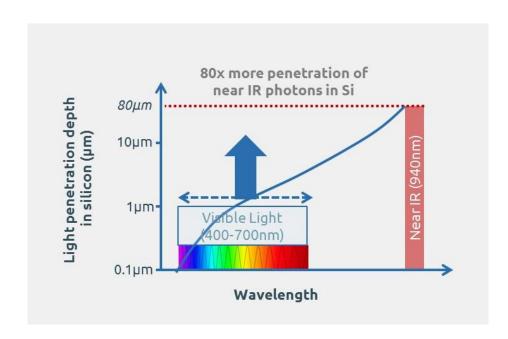


We just launched a new product!



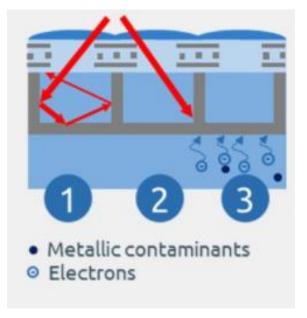


Sensing in Near Infra-Red – SOI based pixels



https://www.soitec.com/en/products/imager-soi

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- Box → light concentration
- ② Box allowing full pixel isolation and silicon platform
- Box preventing metallic contamination to active layer

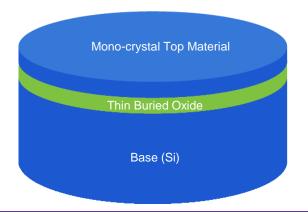


Imager-SOI engineered substrates

Imager-SOI engineered substrates

Thin top silicon layer & ultra thin BOX enabling efficient NIR noise cancellation

SOI isolates pixel from substrate charges and metal contamination



Manufacturing mostly in 300mm







Value proposition

POWER

> Lower near infrared illuminator power consumption



PERFORMANCE

- > Reduced noise, increase signal to noise ratio,
- > Less sensitivity to metal contamination
- > Higher resolution



COST

> Lower die size than bulk for same resolution





Digital Electronics Business unit – Key takeaways

- FD-SOI offers a unique platform capable to integrate multiple functionalities driven by low-power mobile device and infrastructure
- FD-SOI is now part of our daily life and adoption is accelerating across the entire value chain (foundries, fabless, OEMs)
 - Photonics-SOI and Imager-SOI substrates are enabling emerging Optoelectronics and 3D Imaging applications with market leaders
 - Total addressable market for the BU in 2022: 1.1 to 3.4 million wafers (300mm equivalent)





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Cyril MENON
Vice-President Industrial Operations

- 1 Multi-sites and multi-products Industrial Footprint
- 2 Operational Excellence
- 3 Operations to support a profitable growth

Multi-sites industrial footprint to support growth



Multi-products industrial footprint to support growth

200mm SOI

Soitec Bernin I, France HVM*

Soitec Bernin







Power-SOI





Simgui (licensee) China Foundry - Ramp to HVM*

Soitec Pasir Ris, Singapore Pilot Line qualification

300mm SOI











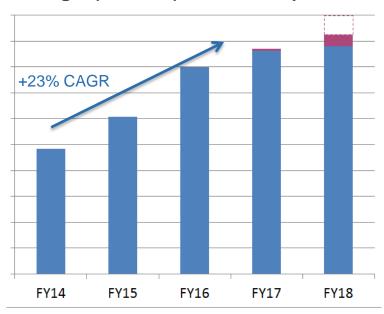




Dimensioned to meet the growing demand **200mm Production Capacity**



Soitec, Bernin I, France, HVM* Simgui (licensee), China, Ramp to HVM*



Products manufactured in 200 mm

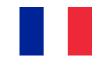


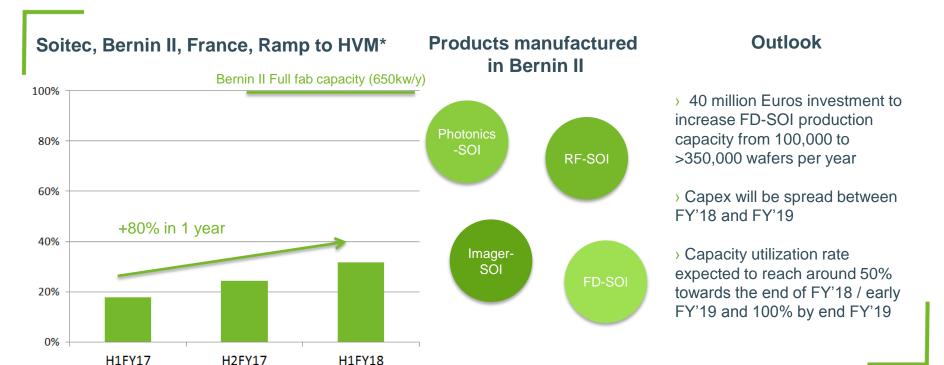
Outlook

- Additional capacity available and qualified at Simgui to sustain constant demand
- Bernin I marginal capacity increase under discussion



Accelerating production ramp 300mm Production Capacity







Multi-site FD-SOI sourcing 300mm Production Capacity



Soitec, Pasir Ris, Singapore, Pilot Line Qualification



Opening Ceremony, September 2017

- > Initial investment of US\$40 million for the pilot line
- > Total capex of US\$270 million to reach full capacity (800k wafers per year)
- > Pilot line launched in September 2017, qualification expected in 2019
- > 6 to 9months to implement incremental capacity



A robust and efficient industrial organization

600 †††††††† in Bernin and Singapore manufacturing plants

>80% †††††††† works on shifts to cover 365 days a year





Engineers
with various skills
Know-How is KEY!





Operational excellence Data-driven production to fulfill commitment

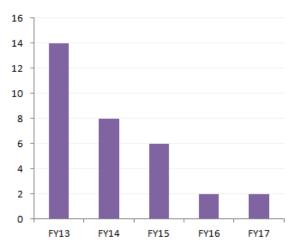
200mm RF Quality Yield improvement

FY13 FY14 FY15 FY16 FY17 H1FY18



A large set of data management to ensure volume AND quality ramp-up

Infrastructure issues reduction over time



Robust quality methodologies to prevent and address occurencies



Operational excellence Operational teams drive their own efficiency

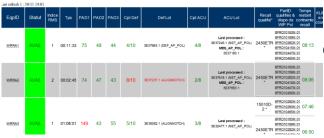
Short Interval Management



Alignment & commitment on priorities

Real time information and dynamic scheduling proposal

MIRRA Situation live



A set of tools enabling operators to manage their own efficiency by having all information at a glance

Scheduling proposal to help operators maximize wafers output while meeting delivery date





Operational excellence Training & recognition programs to increase agility

Deep organizational and cultural change

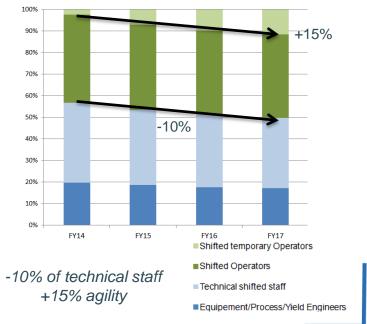


A deep and large program to train our operators and deploy Total Productive Maintenance



Rewarding our operators

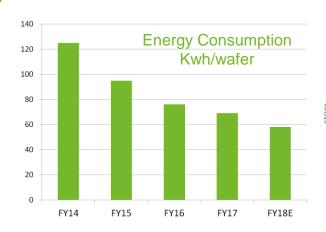
Creating a more efficient and agile structure





Embedding sustainability into operations & beyond

Energy performance: one of our industrial KPIs









ISO 1400:

Environment & Energy



Engaging all
employees on the topic
during a dedicated
Environement &
Energy day on site







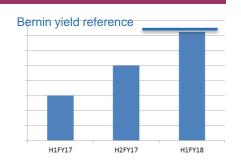
Generating higher value through Continuous Improvement



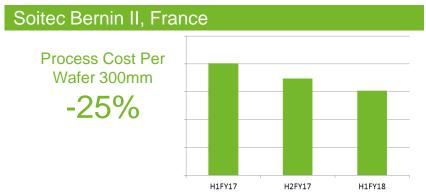


Simgui Quality Yield matching Bernin in

12 months



300mm SOI







Global operations to support profitable growth

Robust and efficient industrial organization

Scalable and flexible manufacturing model for all product lines and all sites

3 Continuous improvement to enhance quality and reduce process cost

4 Management system to ensure high QHSE* standards



Agenda

- 1 CEO Introduction
- 2 Communication & Power
- 3 Digital Electronics
- Q&A session
- 4 Industrial Operations



- 5 Financials
- 6 CEO Closing Remarks
- Q&A session

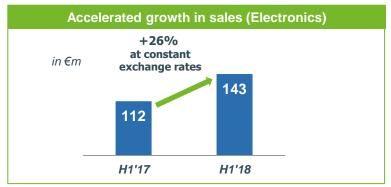




Rémy Pierre Chief Financial Officer

- 1 H1'18 Results
 - 2 Outlook for FY'18
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Further substantial improvement in operating profitability in H1'18









The income and expenses related to discontinued operations are directly reported as "Net result from discontinued operations". Down to the line "Net result after tax from continuing operations", the Group consolidated P&L account now exclusively and fully reflects the Electronics activities as well as corporate expenses. scited

H1'18: revenue breakdown

In million euros	H1'17	Q1'18	Q2'18	H1'18	Change vs H1'17	Change at constant FX
200mm wafer sales	87.4	46.5	47.4	93.9	+7%	+6%
300mm wafer sales	22.0	21.1	23.7	44.9	+104%	+102%
Royalties and IP revenues	2.7	2.0	2.2	4.2	+54%	+52%
Total sales	112.1	69.6	73.3	143.0	+27%	+26%

Paris



> 200mm wafer sales up 6% excl. currency impact

- > Sales driven by sustained demand for radio frequency and power electronics applications in the mobile and automotive markets respectively
- > Bernin I production site operating at full capacity complemented by modest sales from Simgui, leading to volume increase vs H1'17

> 300mm wafer sales more than doubled excl. currency impact

> Significant pick-up in new 300mm products: launch of Imager-SOI in high volume manufacturing, continuous growth of Photonics-SOI wafers, increase in FD-SOI wafer sales



Group consolidated P&L (1/2)

In million euros	H1'18	H1'17	Change
Sales	143.0	112.1	+28%
Gross profit As a % of sales	46.3 32.4%	32.0 28.6%	+45%
Research and development expenses As a % of sales	(9.5) 6.7%	(9.7) 8.6%	-1%
Selling, general and administrative expenses As a % of sales	(14.2) 10.0%	(12.9) 11.5%	+10%
Current operating income As a % of sales	22.5 15.8%	9.4 8.4%	+139%
EBITDA (Continuing operations)	34.9	18.5	+89%
As a % of sales	24.4%	16.5%	

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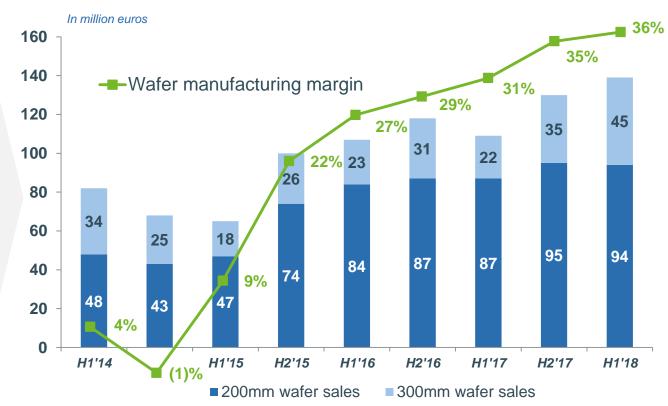
Continuous improvement in manufacturing margin



200mm: Bernin I
operating at full capacity
with further improved
productivity

300mm: increased utilization of Bernin II capacity (above 30% in H1'18 vs 18% in H1'17)

Ongoing benefits from previous years cost saving plan





H1'18 operating expenses

R&D expenses (in million euros)	H1'18	H1'17
Gross R&D expenses	(22.3)	(21.3)
Prototype sales and other	3.7	2.2
Subsidies and income tax credit	9.1	9.4
Total net R&D expenses	(9.5)	(9.7)
As a % of sales	(6.7%)	(8.6%)

SG&A expenses (in million euros)	H1'18	H1'17
Sales & marketing expenses	(3.5)	(3.4)
General & administrative expenses	(10.7)	(9.5)
Total SG&A expenses	(14.2)	(12.9)
As a % of sales	(10.0%)	(11.5%)

The income and expenses related to discontinued operations are directly reported as "Net result from discontinued operations". Down to the line "Net result after tax from continuing operations", the Group consolidated P&L account now exclusively and fully reflects the Electronics activities as well as corporate expenses.



Group consolidated P&L (2/2)

In million euros	H1'18	H1'17
Current operating income	22.5	9.4
Other operating income and expenses	(0.1)	(1.2)
Operating income	22.5	8.2
Net financial income/(expense) Income tax	4.5 (2.6)	(5.9) (0.2)
Net profit / (loss) from continuing operations	24.4	2.1
Net profit / (loss) loss from discontinued operations	(1.2)	1.1
Net profit / (loss) (Group share)	23.2	3.1

The income and expenses related to discontinued operations are directly reported as "Net result from discontinued operations". Down to the line "Net result after tax from continuing operations", the Group consolidated P&L account now exclusively and fully reflects the Electronics activities as well as corporate expenses.

Paris



H1'18 net financial result

In million euros	H1'18	H1'17
OCEANEs 2018	(0.4)	(4.6)
Interest expense on loans and credit lines	(0.2)	(0.6)
Interest expense on leasing	(0.4)	(0.7)
Change in valuation of financial assets	0.3	(0.1)
Reversal of depreciation accrual re. cash deposit in Sth Africa	4.6	0.7
Other financial income / (expense)	0.1	(0.8)
Net financial income / (charges)	4.1	(6.2)
Net foreign exchange result	0.5	0.3
Net financial result	4.5	(5.9)

The income and expenses related to discontinued operations are directly reported as "Net result from discontinued operations". Down to the line "Net result after tax from continuing operations", the Group consolidated P&L account now exclusively and fully reflects the Electronics activities as well as corporate expenses.

Paris



Net profit from discontinued operations Directly reported at the bottom of consolidated P&L

In million euros	H1'18	H1'17
Sales	0.8	0.4
Expenses	(0.3)	(0.5)
Current operating income/(loss)	0.5	(0.2)
Other operating income and expenses	(0.8)	(1.8)
Operating income/(loss)	(0.3)	(1.9)
Net financial income/(expense)	(0.8)	3.0
Income tax	(0.1)	(0.0)
Net profit / (loss) from discontinued operations	(1.2)	1.1

The income and expenses related to discontinued operations are directly reported as "Net result from discontinued operations". Down to the line "Net result after tax from continuing operations", the Group consolidated P&L account now exclusively and fully reflects the Electronics activities as well as corporate expenses.

Paris



H1'18 net cash generated by operating activities (1/2)

In million euros	H1'18	H1'17
Net profit / (loss)	23.2	3.1
of which continuing activities	24.4	2.1
of which discontinued activities	(1.2)	1.1
Non cash items	9.6	10.5
of which continuing activities	10.6	16.4
of which discontinued activities	(1.0)	(5.9)
EBITDA	32.8	13.6
of which continuing activities	34.9	18.5
of which discontinued activities	(2.1)	(4.9)
Inventories	(0.7)	(3.1)
Trade receivables	(1.0)	6.9
Other receivables	(2.3)	(1.1)
Trade payables	(13.2)	(14.2)
Other liabilities	(11.8)	(4.8)
Change in working capital related to discontinued operations	0.0	0.3
Change in working capital	(29.0)	(15.9)
of which continuing activities	(29.0)	(16.3)
of which discontinued activities	(0.0)	0.4
Net cash generated by / (used in) operating activities	3.8	(2.3)
of which continuing activities	5.9	2.2
of which discontinued activities	(2.1)	(4.5)



H1'18 cash flow statement (2/2)

In million euros	H1'18	H1'17
Net cash generated by / (used in) operating activities	3.8	(2.3)
of which continuing activities	5.9	2.2
Net cash generated by / (used in) investing activities	(1.9)	(2.2)
of which continuing activities	(2.3)	(3.0)
Share capital increases and exercise of stock options	0.0	145.3
Drawing on credit lines	-	9.2
Loan repayment (incl. finance leases)	(9.6)	(110.7)
Net financial charges	(0.7)	(5.3)
Financing flows from discontinued operations	1.2	(0.0)
Net cash generated by / (used in) financing activities	(9.1)	38.5
of which continuing activities	(10.3)	38.5
Impact of exchange rate fluctuations	(3.0)	0.1
Change in net cash	(10.2)	34.1
of which continuing activities	(9.6)	37.8
Cash & cash equivalents - opening	109.3	49.1
Cash & cash equivalents - closing	99.1	83.1



Further strengthening of the balance sheet during H1'18











Simplified consolidated balance sheet

30 September 2017

In million euros	30 Sept 2017	31 March 2017
Intangible assets	4.1	4.0
Tangible assets and other non current assets	161.8	157.0
Total non-current assets	165.9	161.0
Current assets	96.0	90.2
Cash and cash equivalents	99.1	109.3
Total current assets	195.1	199.5
Assets held for sale and discontinued	24.8	29.1
Total assets	385.9	389.6

In million euros	30 Sept 2017	31 March 2017
Total equity	216.8	149.1
Long-term financial debt	60.8	104.7
Provisions and other non-current liabilities	17.0	15.2
Total non-current liabilities	77.9	119.8
Short-term financial debt	6.7	16.2
Current liabilities	74.0	90.7
Total current liabilities	80.7	106.9
Liabilities from discontinued operations	10.5	13.7
Total liabilities and equity	385.9	389.6





Rémy Pierre Chief Financial Officer

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FY'18 Guidance

> FY'18 sales expected to grow by around 25% at constant exchange rates

- Demand remains robust for RF-SOI products driven by the growing adoption of LTE Advanced standard in the new generation of smartphones
- > Sustained demand for Power-SOI products to be maintained, driven by automotive and "white goods" applications
- > 300mm business expected to benefit from further growth coming from new products (RF-SOI, FD-SOI, Emerging SOI)

> FY'18 Electronics EBITDA margin expected at around 25%

- > Sustained operating profitability to be maintained at Bernin I which is expected to continue to operate at full capacity
- > Higher operating leverage expected at Bernin II with a utilization rate that should reach around 50% of capacity towards the end of FY'18 / early FY'19



Capex

> Decision to go ahead with Bernin II capex has been made

- > € 40m long-planned investment at Bernin II to be spread between FY'18 and FY'19
- > Process has actually started first part of capex already incurred
- > Will progressively boost Bernin II FD-SOI production capacity from 100k wafers to >350k wafers per year

> Investment in Singapore plant

- > Net restarting cost for Soitec would amount to approx. € 20m to be spread over 24 months
- > Total contemplated investment would reach approx. US\$ 270m to bring production capacity up to 800k wafers per year
 - > Capex to include the qualification line worth US\$ 40m to be spent over 24 months following decision
 - > Customer commitments to trigger the gradual roll out of capex





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Financial model for a new fab (stand-alone)

300mm diameter wafers	New green field	
Annual capacity	1 M wafers	
Total capex	500 MUSD	
Building + Clean room	150 MUSD	Multiple funding and partnership options
Tooling	350 MUSD	parareremp optione
Revenues	450 – 500 MUSD	Depending on product mix
EBITDA margin	>30%	
Working capital / Sales	~17%	





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Long-term financial model

Projected Model*

>1 Bn EUR*

Assuming full capacity in Bernin, Singapore and new Fab i.e. ~2.9 M wafers 300mm equivalent

EBITDA margin

Revenues

>30%

Tax rate

~10%





Financials – Key takeaways

- 1 FY18 Operating model already delivers **25% EBITDA margin** (with Bernin 2 loading below 50% in FY18)
- Assuming the right product mix: 1M 300mm wafer fab can deliver 450-500 MUSD revenues and >30% EBITDA margin
 - Multiple opportunities to **operate** and **finance** new wafer fabs (partnerships)

Long term financial model can be securely delivered through **gradual** capacity expansion plans based on long-term customer commitments



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Soitec vision statement

"To be recognized as a leader in innovative semiconductor standards for products shaping the future"



Key takeaways

- Multiple growth drivers for the semiconductors industry
 Creating mid/long-term growth opportunities for Soitec: TAM x3 to x6 vs 2016
- Unique innovation model to develop a products portfolio bringing high value differentiation to our customers in each strategic market
- Robust, sustainable and agile manufacturing model to support profitable growth
- Business model to generate significant cash flow and strenghten balance sheet Capacity expansion driven by partnerships and customer commitments



Soitec has entered a new chapter - Capturing growth

A PROFITABLE GROWTH STORY FOR THE NEW SOITEC







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