Introduction to SAES Group

Le Eccellenze del Made in Italy – Varignana – 14 marzo 2014

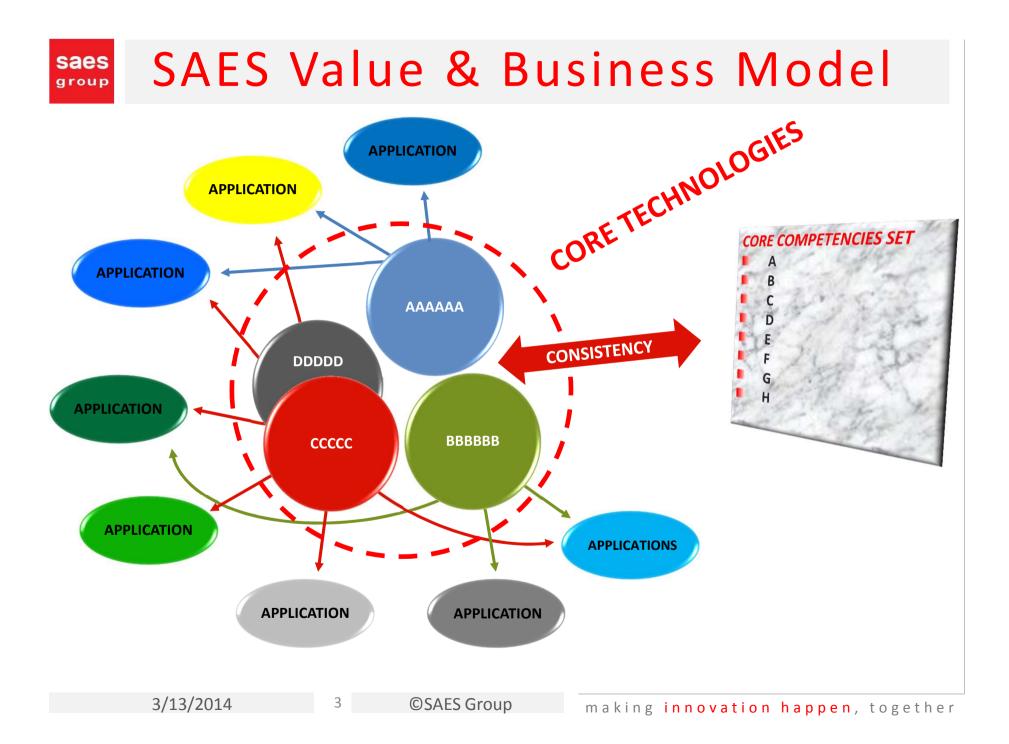


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SAES Business Model

- Technological Portfolio
- **Group Organization**
- Financial Results



Saes Core Business and Vision

Pioneering the development of getter technology, the SAES[®] Group is the world leader in a variety of scientific and industrial applications where high/ultra-high vacuum conditions or pure metal vapors or ultra-pure gases are required





Starting in 2004 the SAES[®] Group has expanded its technological portfolio into **knowledge-intensive materials**, the **NiTiNOL**, whose super elastic properties are applied to medical devices while *shape memory properties* are applied in industrial and consumer electronics applications.

saes Growth Strategy

Organic Growth based on Research & Innovation:

- Consolidation of existing technology
- Scouting of new Applications
- Development of new technologies
- About 10% of net sales allocated to R&I every year
- State-of-the-art corporate laboratories covering a surface of over 3,300 sq. m.
- 100 highly skilled people engaged in R&I activities (50% graduated -> 20% PhD)
- Cooperation with Universities and R&D centers



Growth Strategy

Inorganic growth, acquiring Companies or Technologies complementary to our technological portfolio:

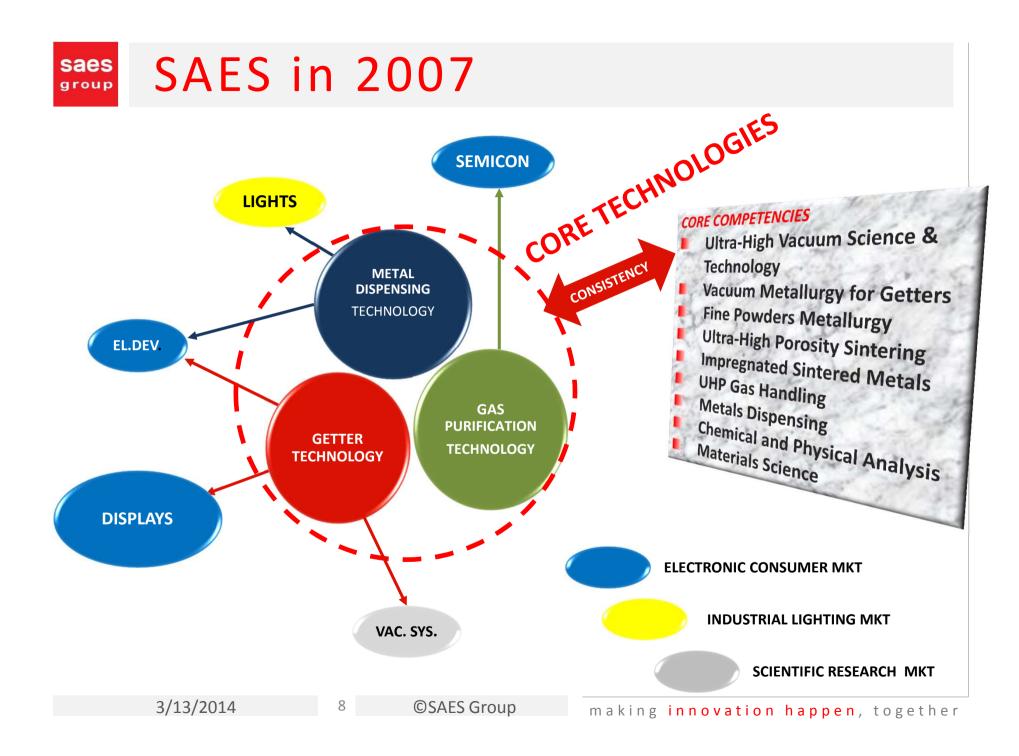
- SMA Industrial development launched in 2004
 - Acquisition of SAES Smart Materials, Inc.
 - Acquisition of Memory Metalle GmbH
 - Acquisition of Memry Corporation
- Acquisition of NanoZeolite Technology
- Acquisition of P&E hydrogen purification technology





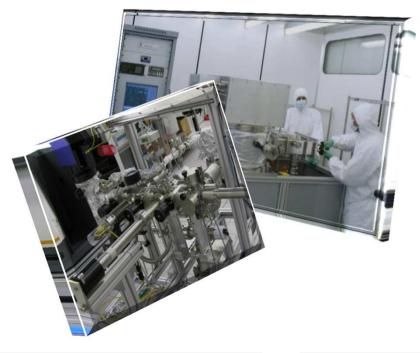
SAES Business Model

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- **Group Organization**
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Expansion of Core Competencies

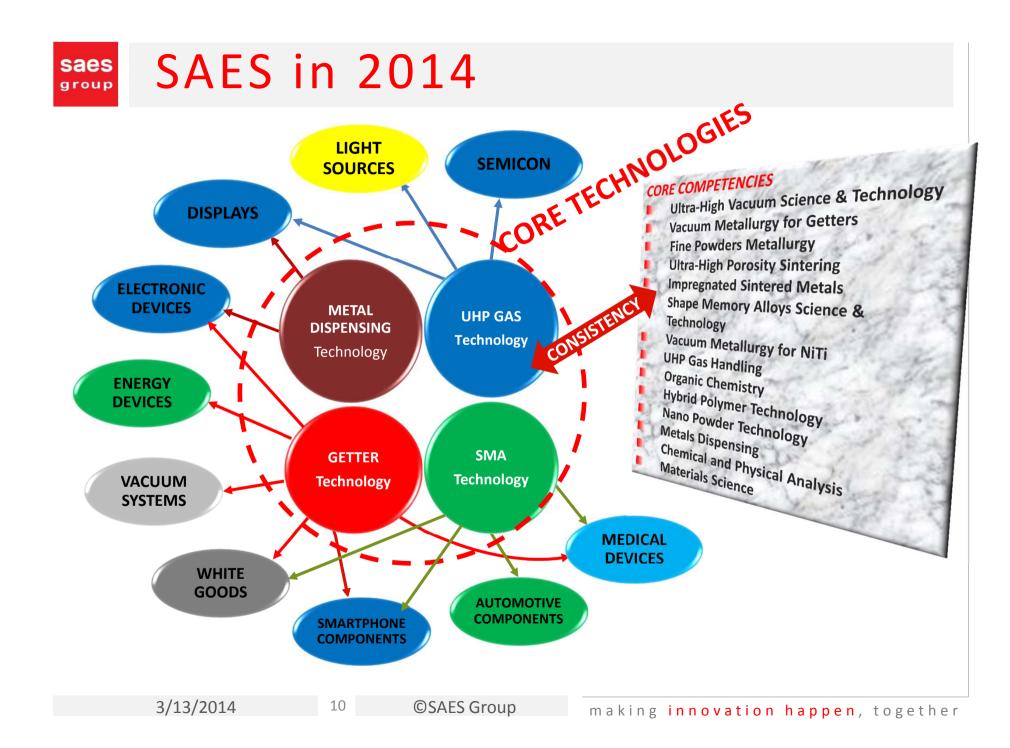
- Vacuum Metallurgy for Getters
- Fine Powders Metallurgy
- Thin Film Deposition
- Metals Dispensing
- Ultra-High Vacuum Science & Technology
- UHP Gas Handling





- Organic Chemistry
- Hybrid Polymer Technology
- Ultra-High Porosity Sintering
- Impregnated Sintered Metals
- Nano Powder Technology
- Shape Memory Alloys Science & Technology
- Vacuum Metallurgy for NiTi
- Chemical and Physical Analysis
- Materials Science

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SAES Business Model

Technological Portfolio

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Group Organization

Financial Results

Group Organization

The SAES Group serves customers through four global **Business Units** (BU).

Each Business Unit addresses different markets and applications, aiming at the best customer satisfaction through the support of a world-wide based technical sales and service network.



Industrial Applications BU

LIGHT SOURCES
ELECTRONIC DEVICES
VACUUM SYSTEMS & THERMAL INSULATION
ENERGY DEVICES

•SEMICONDUCTORS



Shape Memory Alloys BU

•MEDICAL DEVICES •INDUSTRIAL APPLICATIONS for Consumer Electronics, Domotic, Automotive



Information Displays BU

•ORGANIC LIGHT EMITTING DIODES DISPLAYS (OLEDs) •LIQUID CRYSTAL DISPLAYS (LCDs) •COLOR CATHODE RAY TUBES (CCRTs)



Business Development BU

LIGHT SOURCES

SAES Group serves the Light Sources Industry with:

Non-evaporable getters for Discharge Lamps

 \checkmark

- Advanced low dose Mercury dispensers for Linear, Circular and Compact Fluorescent Lamps
- Thermal management engineered parts for HB LEDs





Total Quality Shield TQS [®]

Major applications:

- ✓ Industrial and Domestic Lighting
- ✓ Commercial Lighting

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Street Lighting

✓ Special Lighting



Group Organization saes aroup

ELECTRONIC & PHOTONIC DEVICES

SAES Group offers sophisticated solutions to a variety of devices:

- Getters and dispenser cathodes for vacuum tubes for medical imaging, energy, telecom and avionic applications
- Alkali Metal Dispensers for medical, defense and industrial imaging
- Thermal management engineered parts for industrial, defense and telecom applications





Porous Getters

Alkali Metal Dispensers and Cups

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Main applications:

- X-Ray Tubes & Systems \checkmark
- **Image Intensifiers** \checkmark
- Vacuum Switches and Interrupters
- Travelling Wave Tubes \checkmark



- Microwave Power Tubes
- \checkmark Gas Lasers
- ✓ High Power Semiconductor Lasers

Dispenser Cathode



SENSORS & DETECTORS

To all the sensors and detectors under vacuum SAES Group offers sophisticated solutions :

- Getters for cooled IR sensors
- Thick film getters for Micro Electro Mechanical Systems (MEMS) resonant systems
- Thin getter film on metallic lids for IR and resonant MEMS systems

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- Silicon Wafers with patterned getter films for MEMS devices for consumer electronics
- Dispensable driers for optical and resonant MEMS devices
- Micro Alkali Metal Dispensers for MEMS atomic clocks



Main applications:

- ✓ MEMS Inertial Sensors
- Thermal Imaging Systems
- ✓ MEMS Pressure Sensors
- ✓ RF Switches
- MEMS Atomic clock
- MOEMS and Optical Switches



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VACUUM SYSTEMS

Expertise in gas-surface interaction, vacuum technology, materials' outgassing and permeation has led SAES Group to the development and production of non-evaporable getter pumps and getter coating of vacuum chambers for particle accelerators

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- Particle Accelerators and High Energy Labs
- Analytical Instrumentation
- Processing Tools for semiconductor manufacturing
- ✓ Vacuum Systems





Getter Pumps Family



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Group Organization

THERMAL INSULATION

Getter solutions for vacuum thermally insulated devices

- ✓ Solar Collectors
- ✓ Vacuum Bottles and Dewars
- Vacuum Insulated Pipes for Oil Extraction
- Vacuum Insulated Panels for refrigerators
- Cryogenic Applications
- ✓ Vacuum Insulated Glasses







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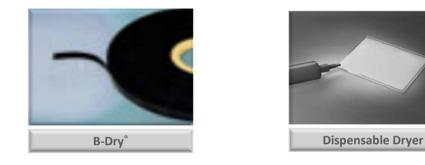


Tanks and Dewars Vacuum Insulated Panels Solar Collectors

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ENERGY DEVICES

SAES Group is supporting the photovoltaic industry with an innovative edge sealant (B-Dry[®]) for guaranteeing long lifetime to photovoltaic modules and dispensable driers for the growing organic photovoltaic systems





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- Aluminum Capacitors
- Super-capacitors
- Lithium Batteries





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SEMICONDUCTORS

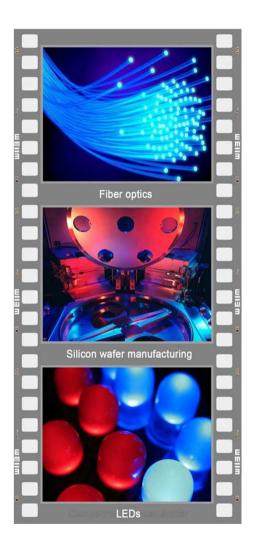
Leveraging the unique competence of gas impurities sorption and gas purification equipment design, SAES Group is the world leader in **gas purification** technologies.

SAES has the largest offer of equipment solutions to purify all gasses for the manufacturing of silicon based semiconductor devices, LEDs, Fiber optics, Display Industry (LCDs, OLEDs) and photovoltaic devices.









MEDICAL DEVICES

Shape Memory Alloys, or SMAs, belong to an extensive range of metal alloys showing unique super-elasticity, shape memory properties and extremely high bio-compatibility characteristics.

SAES Group develops and sells a large variety of NiTi based products for Medical Devices:

- Semi-finished products (wires, tubes, sheets, coils)
- ✓ Parts for stents
- ✓ Parts for spinal clips
- ✓ Parts for cardiac valves
- ✓ Parts for guidewires

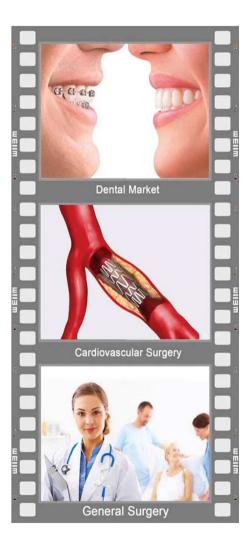


NiTinol Catheter Shafts









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Group Organization

SMA Industrial Applications

SAES has been the first Company able to value and exploit the full potential of the Shape Memory Alloys (SMA) properties of NiTiNol by providing all types of SMA NiTiNol parts and devices for:

- ✓ Consumer electronics
- Automotive
- ✓ Domotic
- ✓ White Goods



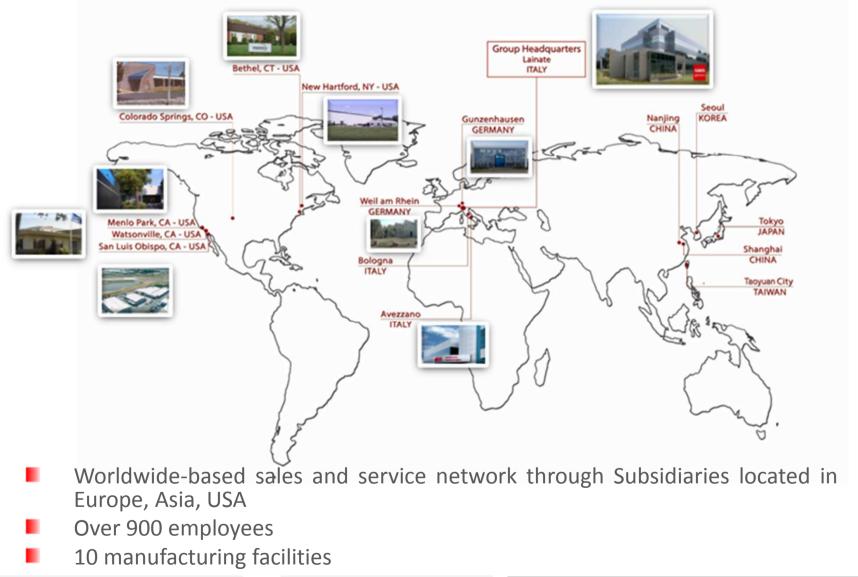
SAES Group **through the Joint Venture Actuator Solutions GmbH**, in Germany, also develops and produces a wide range of shape memory alloys actuators used in consumer electronics, automotive and industrial applications:







saes group Global Presence



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Saes A Customer-focused Approach

Nearly 2,000 active

customers in 5 continents

spanning from blue chip companies to business startups, Universities and R&D centers

High flexibility in product development, fine-tuning and manufacturing, to foster emerging and forefront application technologies 70 years of expertise in partnering with customers for the engineering of fully customized solutions

Technical service network and CRM structure supporting customers' innovation 24 hours a day

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Group Quality, Environment, Safety & Ethics



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SAES Business Model

Technological Portfolio

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Group Organization

Financial Results

Highlights

□ FY 2013 **consolidated revenues** equal to €128.5 million, down (-9%) compared to €141.2 million in 2012, affected by the exchange rate effect and by short term adverse facts

□ FY 2013 **total revenues of the Group** (including 50% of the revenues coming from the joint venture ASG) equal to €133.3 million

□ **Gross profit** equal to €51.4 million (40% of revenues) compared to €58.4 millon in 2012 (41.3% of revenues)

□ **Operating income** equal to €5.5 million (4.3% of revenues) compared to €12.7 million in 2012 (9% of revenues) and **EBITDA** equal to €15.7 million (12.2%) compared to €22.9 million (162%)

□ Adjusted operating income (excluding one-off costs) equal to \in 7.4 million (5.8% of revenues) and Adjusted EBITDA equal to \in 17.2 million (13.4%)

□ Net loss equal to $\in 0.6$ million, penalized by non-recurring items equal to $\in 3.1$ ($\in 1.7$ million of restructuring charges, including the related fiscal effect + $\in 1.4$ million from discontinued operations)

□ Net financial position equal to -€36.5 million, significantly improved when compared to the same figure as at September 30, 2013 (-€41.9 million)

□ Proposed **dividend** of €0.150000 per ordinary share and of €0.166626 per savings share

□ In the first two months of 2014 **total revenues of the Group** equal to €23.5 million, increased when compared to €23.2 million in the first two months of 2013, with stable consolidated revenues and growth of the joint venture Actuator Solutions

□ Remarkable **growth in revenues** compared to the last two months of 2013

Industrial Applications BU Sales

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All figures in M€, unless otherwise stated

70.5%

	2013	2012	Total difference	Price- quantity effect	Exchange rate effect	1Q 2013	2Q 2013	3Q 2013	4Q 2013	2013
Electronic Devices	21.2	20.8	1.5%	4.2%	-2.7%	5.8	5.8	4.8	4.8	21.2
Lamps	12.2	11.5	5.6%	9.7%	-4.1%	3.5	3.0	2.4	3.3	12.2
Vacuum Systems and Thermal Insulation	12.0	15.7	-23.2%	-16.8%	-6.4%	3.1	2.4	3.2	3.3	12.0
Energy Devices	0.4	0.4	-5.8%	-5.4%	-0.4%	0.3	0.1	0.0	0.0	0.4
Semiconductors	45.0	44.1	2.0%	5.4%	-3.4%	12.2	12.0	10.6	10.1	45.0
Industrial Applications	90.7	92.5	-2.0%	1.8%	-3.8%	24.8	23.2	21.1	21.5	90.7

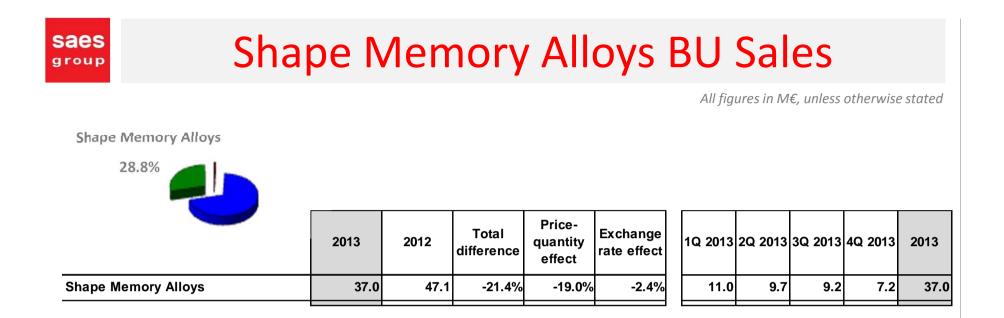
Electronic Devices: sales in the defence sector stabilized after the sharp decline of the previous year & growing sales of solutions for MEMS

Lamps: higher sales of mercury dispensers for fluorescent lamps following both the running out of the stock accumulated in the last part of 2012 and the need to employ alternative solutions with reduced environmental impact

✓ Vacuum Systems and Thermal Insulation: decrease compared to the previous year characterized by strong investments made by some customers and as a consequence of the postponement of some research projects following the continuing global economic crisis

Energy Devices: still penalized by the cuts in public incentives

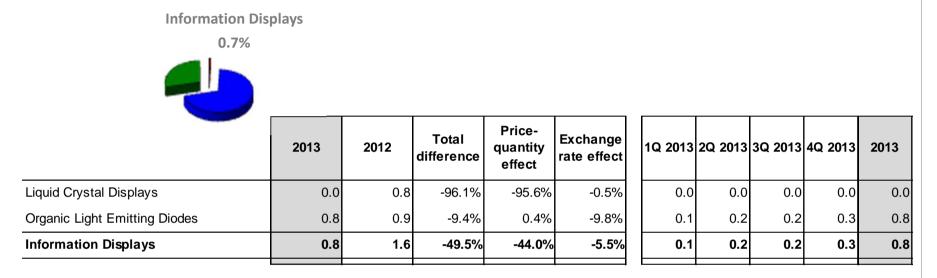
Semiconductors: growth driven by good sales both in the traditional semiconductors sector and in the field of displays



✓ Medical SMA sales penalized by the exit from the market of a product at the end of its life cycle, as well as by some stock-building policies adopted in H2 2012 by a major US customer in view of the launch of a new medical device, initially expected in the first half of 2013 and then postponed due to some delays in the FDA qualification

Information Displays BU Sales

All figures in M€, unless otherwise stated



✓ Disappearance of the LCD revenues and sales volumes in the OLED sector still low

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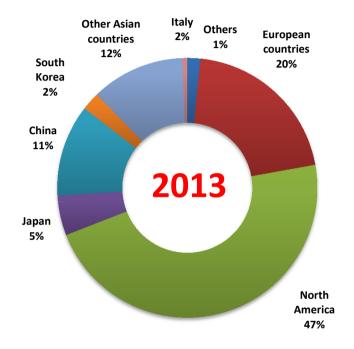
✓ CRT sales classified as discontinued operations

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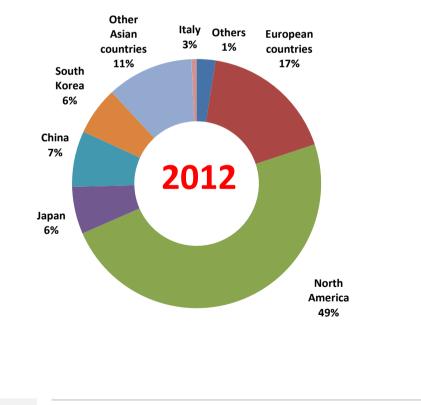
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Consolidated Sales by Geographic Area

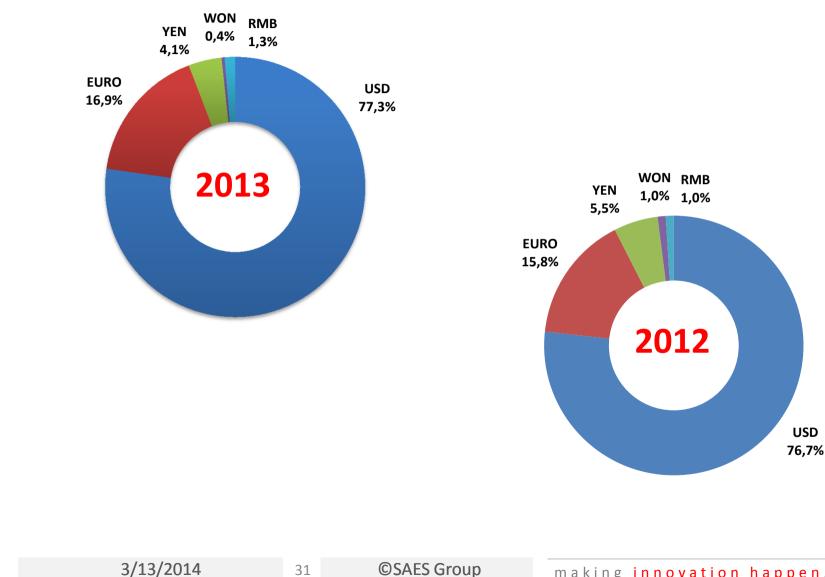


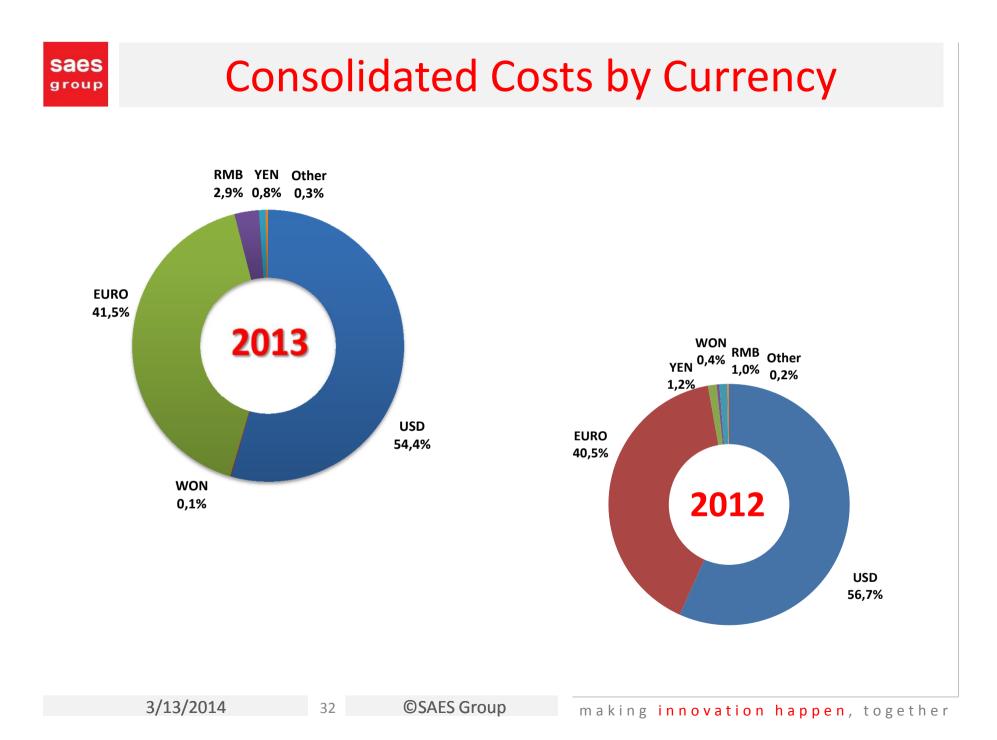
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saes **Consolidated Sales by Invoicing Currency** group





Income Statement FY13 vs FY12

All figures in M€, unless otherwise stated

	2013	Non recurring items	2013 adjusted	2012
NET SALES	128.5		128.5	141.2
GROSS PROFIT	51.4	0.0	51.4	58.4
Gross Margin	40.0%		40.0%	0.4
R&D expenses	-14.9	-0.1	-14.7	-14.5
Selling expenses	-11.9	-0.4	-11.5	-12.6
G&A expenses	-21.7	-1.4	-20.3	-21.7
Total operating expenses	-48.4	-1.9	-46.5	-48.8
Royalties	2.1		2.1	2.5
Other income (expenses), net	0.4		0.4	0.6
OPERATING INCOME	5.5	-1.9	7.4	12.7
Operating Margin	4.3%		5.8%	9.0%
Interest and other financial income (expenses), net	-1.3		-1.3	-1.7
Income (loss) from equity method evalueted companies	-0.7		-0.7	-0.8
Foreign exchange gains (losses), net	0.0		0.0	-0.1
INCOME BEFORE TAXES	3.4	-1.9	5.3	10.1
Income Taxes	-2.6	0.2	-2.8	-5.5
NET INCOME from continued operations	0.8	-1.7	2.5	4.6
Net Margin	0.6%		1.9%	3.3%
Net income (loss) from discontinued operations	-1.4	-0.8	-0.6	-1.3
NET INCOME before minority interests	-0.6	-2.5	1.9	3.3
Net Margin	-0.4%		1.5%	2.4%
Minority interests	0.0		0.0	0.0
GROUP NET INCOME	-0.6	-2.5	1.9	3.3
Net Margin	-0.4%		1.5%	2.4%

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One-off items

Income Expenses Total Cost of sales (0.0)(0.0)Write down of assets (0.3) Write down of inventory (0.3)(0.9) 1.3 (*) Personnel restructuring 0.4 1.3 (1.2) 0.0 Total effect on cost of sales **Operating expenses** (0.5) (0.5)Write dow n of assets Write dow n of inventory 0.0 0.0 0.5 (*) (2.0)(1.5)Personnel restructuring 0.5 (2.4) (1.9) Total effect on operating expenses 1.8 (3.7) (1.9) Total effect on income (loss) before taxes 0.2 Income taxes (1.7) Net income (loss) from continued operations

All figures in M€, unless otherwise stated

(*) Personnel cost decrease resulting from the use of the social security provisions in the Italian Group companies, the use of which will continue for the full year 2014.

		Gross profit	EBITDA	Operating income (loss)	Income (loss) before taxes	Net income (loss) from continued operations
2013		51.4	15.7	5.5	3.4	0.8
% c	on sales	40.0%	12.2%	4.3%	2.7%	0.6%
Non recurring income (expenses)		0.0	(1.4)	(1.9)	(1.9)	(1.7)
2013 adjusted		51.4	17.2	7.4	5.3	2.5
% c	on sales	40.0%	13.4%	5.8%	4.2%	1.9%
2012		58.4	22.9	12.7	10.1	4.6
% c	on sales	41.3%	16.2%	9.0%	7.2%	3.3%

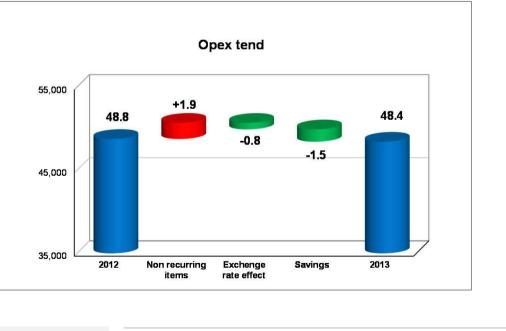
- ✓ Restructuring charges of €1.9 million concentrated at the operating profit level, to which a loss from discontinued operations of €1.4 million needs to be added
- Excluding these non-recurring items, the main FY 2013 financial indicators showed a substantial maintenance

Operating Expenses

All figures in M€, unless otherwise stated

	2013	Non recurring items	2013 adjusted	2012
R&D expenses	-14.9	-0.1	-14.7	-14.5
Selling expenses	-11.9	-0.4	-11.5	-12.6
G&A expenses	-21.7	-1.4	-20.3	-21.7
Total operating expenses	-48.4	-1.9	-46.5	-48.8

- ✓ OPEX equal to €48.4 million
- ✓ Restructuring charges of approximately €1.9 million
- Excluding the one-offs, decrease in OPEX equal to -4.6%



Industrial Applications Margins

All figures in M€, unless otherwise stated

	2013	Non recurring items	2013 adjusted	2012
NET SALES	90.7		90.7	92.5
GROSS PROFIT	39.4	0.1	39.4	41.5
Gross Margin	43.5%		43.4%	44.9%
OPERATING INCOME	21.1	-0.9	22.0	26.4
Operating Margin	23.3%		24.3%	28.5%

 Gross margin: increasing pricing pressure in the lamps business and decrease in the sales of the vacuum pumps business offset by a more favourable product mix in the business of electronic devices and gas purification

✓ Operating income: decrease mainly due to the reduction in sales

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group

Shape Memory Alloys Margins

All figures in M€, unless otherwise stated

	2013	Non recurring items	2013 adjusted	2012
NET SALES	37.0		37.0	47.1
GROSS PROFIT	12.0	0.0	12.0	16.7
Gross Margin	32.4%		32.4%	35.5%
OPERATING INCOME	2.9	-0.1	3.0	6.2
Operating Margin	7.8%		8.2%	13.2%

✓ Despite the shift in the sales-mix towards medical solutions with a lower absorption of raw materials, the decrease in revenues and the consequent higher incidence of manufacturing fixed costs led to a reduction of the **gross margin**

Containment of operating expenses not enough to offset the decrease in revenues and the consequent decline in the gross profit

Information Displays Margins

All figures in M€, unless otherwise stated

	2013	Non recurring items	2013 adjusted	2012
NET SALES	0.8		0.8	1.6
GROSS PROFIT	0.3	0.0	0.3	0.5
Gross Margin	32.7%		31.7%	28.7%
OPERATING INCOME	-2.0	-0.1	-1.9	-1.9
Operating Margin	-238.0%		-229.4%	-112.4%

✓ Gross margin increased from 28.7% to 32.7%

✓ Operating loss equal to €2 million to be compared with €1.9 million in the previous year

Actuator Solutions - Income Statements (50%)

All figures in M€, unless otherwise stated

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	2013	2012	Delta
NET SALES	5.1	3.0	2.1
Cost of goods sold	-4.8	-3.0	-1.8
Operating expenses	-1.6	-1.2	-0.3
Other income (expenses), net	0.3	0.0	0.3
OPERATING INCOME	-1.0	-1.1	0.2
Interest and other financial income (expenses), net	0.0	0.0	0.0
INCOME BEFORE TAXES	-1.0	-1.1	0.2
Income Taxes	0.3	0.3	-0.1
NET INCOME (LOSS)	-0.7	-0.8	0.1

(figures based on the percentage of ownership held by SAES Group)

Net Financial Position

All figures in M€, unless otherwise stated

	Dec 31, 2013	Sep 30, 2013	Jun 30, 2013	Mar 31, 2013	Dec 31, 2012
Cash and cash equivalents	20.3	14.0	15.8	15.2	22.6
Current financial assets	0.0	1.2	0.1	0.0	0.1
Current financial liabilities	(54.1)	(53.5)	(51.5)	(22.1)	(19.8)
Current net financial position	(33.8)	(38.3)	(35.6)	(6.9)	2.9
Non current financial liabilities	(2.8)	(3.6)	(3.7)	(18.1)	(19.2)
NET FINANCIAL POSITION	(36.5)	(41.9)	(39.3)	(25.0)	(16.3)

 ✓ Worsening compared to Dec 31, 2012, primarily due to the expenditures aimed at the technological strengthening of the Semiconductors Business (€7.5 million) and to the payment of dividends (about €10 million)

✓ Remarkable improvement in the Q4 2013 (+€5.3 million), fully attributable to the cash flows generated from the operating activities



Business Outlook

□ After the stabilization recorded in 2013, we expect a recovery of the traditional businesses in 2014

□ The significant growth of the joint venture Actuator Solutions will continue, contributing to the overall strengthening of the Group

Disclaimer and Attestation

This presentation contains forward-looking statements which are based upon current expectations and involve a number of risks and uncertainties. There are a number of important factors that could cause actual results to differ materially from those expressed in any forward-looking statements made by the Company. These factors include the Company's ability to introduce new products at planned costs and on planned schedules, the Company's ability to maintain key client relationships and the environments of the various economies in the countries the Company conducts business. The Company cautions that the foregoing list of important factors is not exclusive. The Company undertakes no obligation to publicly release the result of any revision to these forward-looking statements which may be made to reflect events or circumstances after the date hereof or to reflect the occurrence of unanticipated events.

The Officer Responsible for the preparation of corporate financial reports of SAES Getters S.p.A. certifies that, in accordance with the second subsection of article 154-*bis*, part IV, title III, second paragraph, section V-*bis*, of Legislative Decree February 24, 1998, no. 58, the financial information included in the present document corresponds to book of account and book-keeping entries.

The Officer Responsible for the preparation of corporate financial reports Michele Di Marco

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Thanks for your attention

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