

18th Annual General Meeting

May 20, 2015 – Hotel Pullman Aachen Quellenhof, Aachen

AIXTRON

Forward-Looking Statements

This document may contain forward-looking statements regarding the business, results of operations, financial condition and earnings outlook of AIXTRON within the meaning of the safe harbor provisions of the US Private Securities Litigation Reform Act of 1995. These statements may be identified by words such as “may”, “will”, “expect”, “anticipate”, “contemplate”, “intend”, “plan”, “believe”, “continue” and “estimate” and variations of such words or similar expressions. These forward-looking statements are based on our current views and assumptions and are subject to risks and uncertainties. You should not place undue reliance on these forward-looking statements. Actual results and trends may differ materially from those reflected in our forward-looking statements. This could result from a variety of factors, such as actual customer orders received by AIXTRON, the level of demand for deposition technology in the market, the timing of final acceptance of products by customers, the condition of financial markets and access to financing for AIXTRON, general conditions in the market for deposition plants and macroeconomic conditions, cancellations, rescheduling or delays in product shipments, production capacity constraints, extended sales and qualification cycles, difficulties in the production process, the general development in the semi-conductor industry, increased competition, fluctuations in exchange rates, availability of public funding, fluctuations and/or changes in interest rates, delays in developing and marketing new products, a deterioration of the general economic situation and any other factors discussed in any reports or other announcements filed by AIXTRON with the U.S. Securities and Exchange Commission. Any forward-looking statements contained in this document are based on current expectations and projections of the executive board and on information currently available to it and are made as at the date hereof. AIXTRON undertakes no obligation to revise or update any forward-looking statements as a result of new information, future events or otherwise, unless expressly required to do so by law.

AGM 2015 – Agenda Item 1

Annual General Meeting May 2015 Agenda Item 1

Presentation of the financial statements and the management report as of December 31, 2014, the approved consolidated financial statements as of December 31, 2014, the management report for fiscal year 2014, the report of the Supervisory Board and the explanatory report by the Executive Board regarding the information pursuant to §§ 289 (4 and 5), 315 (4) of the German Commercial Code (HGB)

Presentation on Agenda Item 1

„Consistently Promoting Our Transformation“

Martin Goetzeler

President & Chief Executive Officer

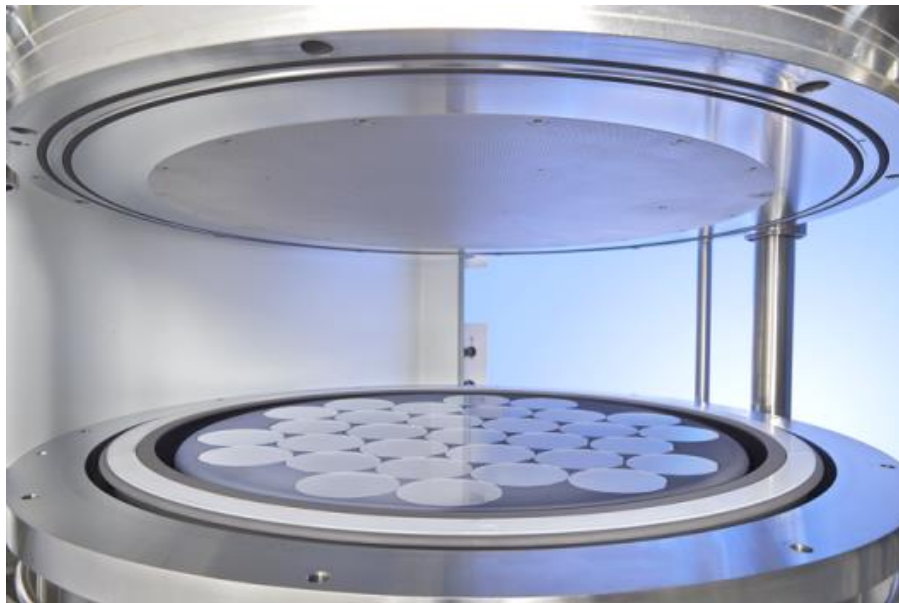
Milestones reached

- Launch of our new MOCVD Showerhead system AIX R6
- Strengthening of our customer service
- Expansion of our OLED activities
- Enhancement of our III/V activities for future logic devices
- Continued development of our ALD technology for memory devices
- Progress in power electronics
- Organizational improvements
- Improvement of our earnings position
- 5-Point-Program successfully completed

Compound Semiconductors – New AIX R6

AIX R6 — Setting New Standards in LED Manufacturing

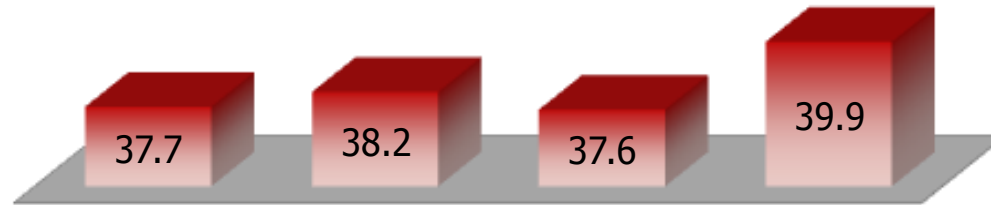
- Close Coupled Showerhead® (CCS)
- CoO benefit vs. prior generation systems: > 30%
- Capacity increase vs. largest prior generation system: > 60%
- Throughput benefit vs. prior generation systems: >120%



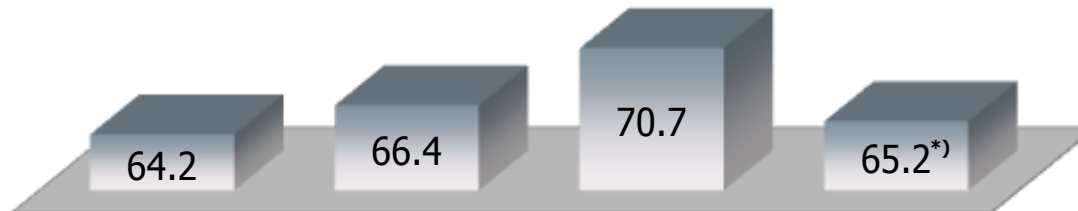
Quarterly Development in 2014

(€ million)

Equipment¹⁾ (only)
Order Intake

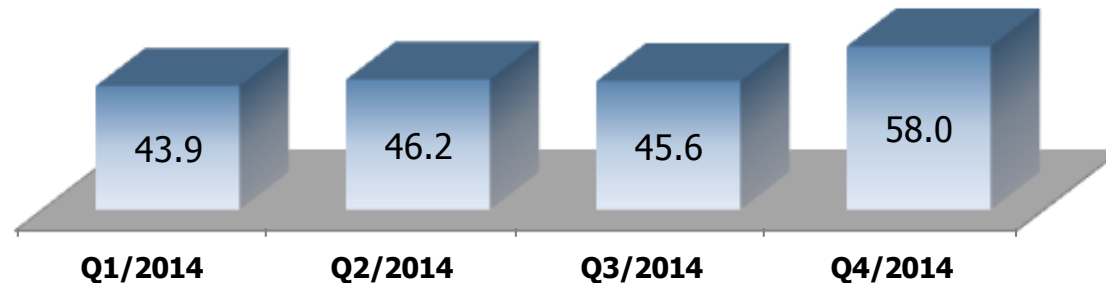


Equipment¹⁾ (only)
Order Backlog



^{*)} revalued on January 1 2015 to €69.0m at \$1,25 /€

Total Revenues²⁾
(incl. equipment, service
and spare parts)



1) USD order intake and backlog were recorded at the prevailing budget rate (2014: 1,35 USD/€)

2) USD revenues were converted at the actual period average FX rate (2014: 1,334 USD/€)

Consolidated Income Statement of the AIXTRON Group*

(€ million)	2014	2013	+/-
Revenues	193.8	182.9	6%
Cost of sales	152.3	190.3	-20%
Gross profit	41.5	-7.4	n. m.
Gross Margin	21%	-4%	25 pp
Selling expenses	16.0	29.0	-45%
General & admin expenses	19.3	18.2	6%
R&D	66.7	57.2	17%
Net other op.(income)/expenses	-2.2	-16.0	86%
EBIT	-58.3	-95.7	39%
EBIT Margin	-30%	-52%	22 pp
Result before tax	-57.1	-95.2	40%
Pre-Tax margin	-29%	-52%	23 pp
Net result	-62.5	-101.0	38%
Net Return on Sales	-32%	-55%	23 pp

*) rounded figures; may not add up

Key Financials of AIXTRON SE (HGB)*

(€ million)	2014	2013	+/-
Revenues	151.6	143.0	6%
Results from ordinary activities	-50.7	-110.1	54%
Net result	-52.5	-110.4	53%
Retained earnings	-1.1	-51.6	98%
Transfer to retained earnings	0	-161.0	-100%
Accumulated net result	-53.6	-1.1	n/a
Dividend proposal/Dividend	0.0	0.0	n/a
Dividend per share (in €)	0.00	0.00	n/a

*) rounded figures; may not add up

Consolidated Statement of Financial Position of the AIXTRON Group*

(€ million)	31/12/14	31/12/13
Property, plant & equipment	77.3	79.9
Goodwill	64.8	64.1
Other intangible assets	2.5	3.1
Others	4.6	5.7
Non-current assets	149.2	152.7
Inventories, WIP & Finished Goods	81.7	66.2
Trade receivables	26.3	27.7
Others	8.3	10.3
Cash & Cash Equivalents incl. CD	268.1	306.3
Current Assets	384.4	410.5
Shareholder's equity	415.7	465.4
Non-current liabilities	1.3	2.4
Trade payables	16.4	13.5
Advance payments from customers	66.9	46.2
Others	33.2	35.7
Current liabilities	116.5	95.4
Balance Sheet total	533.5	563.2

*) rounded figures; may not add up

Consolidated Statement of Cash Flows of the AIXTRON Group*

(€ million)	2014	2013	+/-
Cash Flow from operating activities	-33.8	8.2	n/a
Cash Flow from investing activities	-23.2	-39.7	42%
Cash Flow from financing activities	0.2	101.6	-100%
Exchange rate changes	5.9	-2.4	346%
Net change in Cash & Cash Equivalents	-50.9	67.7	-175%
Cash & Cash Equivalents (beginning of period)	167.4	99.7	68%
Cash & Cash Equivalents (end of period)	116.6	167.4	-30%
Change in Cash deposits	9.9	30.4	-67%
Free Cash Flow**	-47.0	-1.1	n/a

*) rounded figures; may not add up

***) Operating CF + Investing CF + Changes in Cash Deposits

Key Financials Q1/2015*

(€ million)	Q1/2015	Q1/2014 ¹⁾	+/-
Equipment order intake	48.9	49.5	-1%
Equipment order backlog (end of period)	79.0	64.2	23%
Revenues	40.3	43.9	-8%
Gross profit	8.8	10.0	-12%
Operating result (EBIT)	-8.8	-10.9	19%
Net result	-9.5	-11.8	19%
Free Cash Flow**	-12.1 ²⁾	-13.8	12%
Cash & cash equivalents	263.2	292.0	-10%


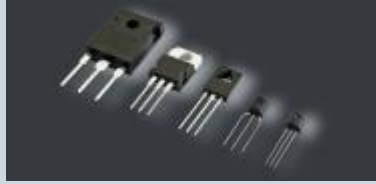
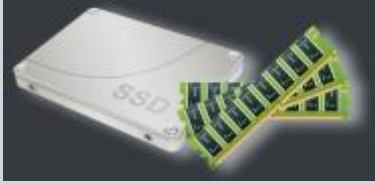


1) Restated to new accounting principles as well as to new entry of order intake incl. Spares & services

2) Excl. an effect of €-1.5m resulting from a short term loan prior to the acquisition of PlasmaSi Inc.

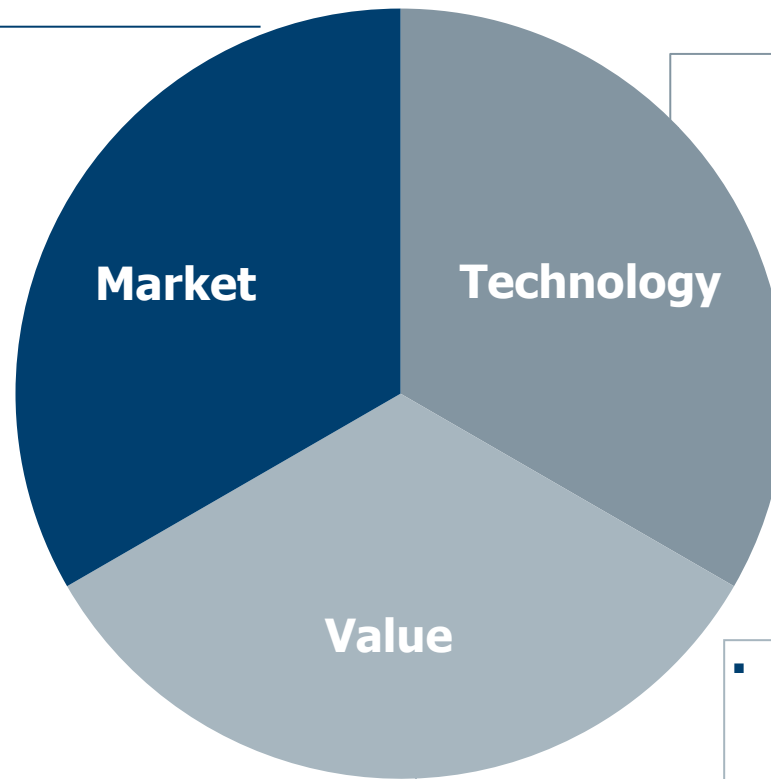
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***) Operating CF + Investing CF + Changes in Cash Deposits

Our Technology Portfolio

Compound Semiconductors		Silicon Semiconductors	Organic	Carbon
MOCVD		ALD / MOCVD	OVPD® / PVPD® / TFE	PECVD
LEDs, Lasers and Optoelectronics	Power Management GaN / SiC	Silicon Semiconductors	Organic Electronics	Graphene, CNTs and CNWs
<ul style="list-style-type: none"> • LEDs for display: TVs, mobile phones, tablets, etc. • LEDs for lighting • LEDs for automotive • LEDs for data communication • Telecom lasers • Photovoltaics 	<ul style="list-style-type: none"> • RF transistors • AC-DC converters • DC-DC converters • Solar inverters • Motor drives in industrial applications automotive and consumer electronics 	<ul style="list-style-type: none"> • DRAM Dielectric and Metal Electrode • Flash Inter Poly Dielectric and Metals • Logic Gate stack • ReRAM and PCRAM Active element and Electrode • Logic High Mobility Channel 	<ul style="list-style-type: none"> • OLEDs for display: TVs, mobile phones, tablets, etc. • OLEDs for lighting • Organic, flexible electronics • Organic Photovoltaics • Thin Film Encapsulation 	<ul style="list-style-type: none"> • Transistors • Interconnects • Flexible Electronics • Energy Storage • Sensors, etc.
				
Increasing Equipment Demand Expected by: 2015	Increasing Equipment Demand Expected by: 2015/2016	Increasing Equipment Demand Expected by: 2015	Increasing Equipment Demand Expected by: 2016/2017	Increasing Equipment Demand Expected by: Beyond 2018

Acquisition of PlasmaSi, Inc.


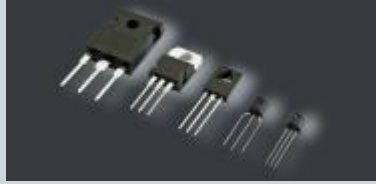
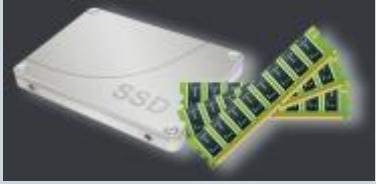




- **Additional TAM** opportunity: 50%+ in Organic Electronics
- Thin-Film encapsulation is **essential** for large area (i.e. TV), flexible displays (i.e. mobile/wearables) and lighting
- **Proximity to core players**
- **Future opportunities** in emerging technology markets: flexible electronics, organic photovoltaic, thin film batteries, high performance plastic coating

- Additional value creating process step: **Thin-Film Encapsulation**
- **Complementary** product portfolios and roadmaps
- Additional IP to **strengthen core patent portfolio**
- **Technology clustering** potential aligning OVPD, PVPD™, Thin-Film Encapsulation
- Unique combination of proprietary reactor design & process IP for key layer: **breakthrough potential**

- **Incremental shareholder value:** Deposition. & encapsulation account for 60% of OLED Front-end Cell Process Equipment CAPEX
- **Synergies:** Leverage AIXTRON organization to scale up Thin-Film Encapsulation business

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Summary and outlook

Consistent realization and achievement of objectives

- Main objectives for 2015:
 - Growth in all technology areas, revenues between EUR 220m and 250m
 - Sequential increase of results (H2/15 better than H1/2015); positive EBITDA in H2/2015
 - Successful qualification and commercialization of AIX R6 is key
- Development of our future technologies to market maturity and timely market launch => 50% of revenues from non-LED business until 2019

=> Return to profitability



Our *technology*. YOUR FUTURE.

Thank you for your attention!

AIXTRON SE
Dornkaulstr. 2
52134 Herzogenrath
Germany
Phone +49 (2407) 9030-0
Fax +49 (2407) 9030-40
E-Mail invest@aixtron.com



AIXTRON