



AIXTRON

11th Annual Shareholder Meeting

May 14, 2008

Eurogress Aachen



AIXTRON



AIXTRON

11th Annual Shareholder Meeting

Topic 1

Presentation of the adopted annual financial statements of AIXTRON AG as of December 31, 2007 and the management report for fiscal year 2007, the approved consolidated financial statements as of December 31, 2007 and the Group management report for fiscal year 2007 with the report of the Supervisory Board



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Forward-Looking Statements

This presentation may contain forward-looking statements about the business, financial condition, results of operations and earnings outlook of AIXTRON within the meaning of the “safe harbor” provisions of the United States Private Securities Litigation Reform Act of 1995. Words such as “may”, “will”, “expect”, “anticipate”, “contemplate”, “intend”, “plan”, “believe”, “continue” and “estimate”, and variations of these words and similar expressions, identify these forward-looking statements. The forward-looking statements reflect our current views and assumptions and are subject to risks and uncertainties. You should not place undue reliance on the forward-looking statements. The following factors, and others which are discussed in AIXTRON’s public filings and submissions with the U.S. Securities and Exchange Commission, are among those that may cause actual and future results and trends to differ materially from our forward-looking statements: actual customer orders received by AIXTRON; the extent to which chemical vapor deposition, or CVD, technology is demanded by the market place; the timing of final acceptance of products by customers; the financial climate and accessibility of financing; general conditions in the thin film equipment market and in the macro-economy; cancellations, rescheduling or delays in product shipments; manufacturing capacity constraints; lengthy sales and qualification cycles; difficulties in the production process; changes in semiconductor industry growth; increased competition; exchange rate fluctuations; availability of government funding; variability and availability of interest rates; delays in developing and commercializing new products; general economic conditions being less favorable than expected; and other factors. The forward-looking statements contained in this presentation are made as of the date hereof and AIXTRON does not assume any obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, unless required by law.

The Year 2007 – The Highlights

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- Emerging LED applications drive 39% Order Intake growth
- Increased market share [c.70%] driven by new products
- Rising Order Intake & Backlog throughout 2007
- Increased Manufacturing capacity drives 25% yoy Revenue growth
- EBIT performance improves 261% yoy
- Cash & Cash Equivalents increase by 54% yoy
- Strong share price development +185% yoy

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- **AIXTRON – The Company**
- Operating Performance 2007
- Financial Performance 2007
- Share Price and Outlook

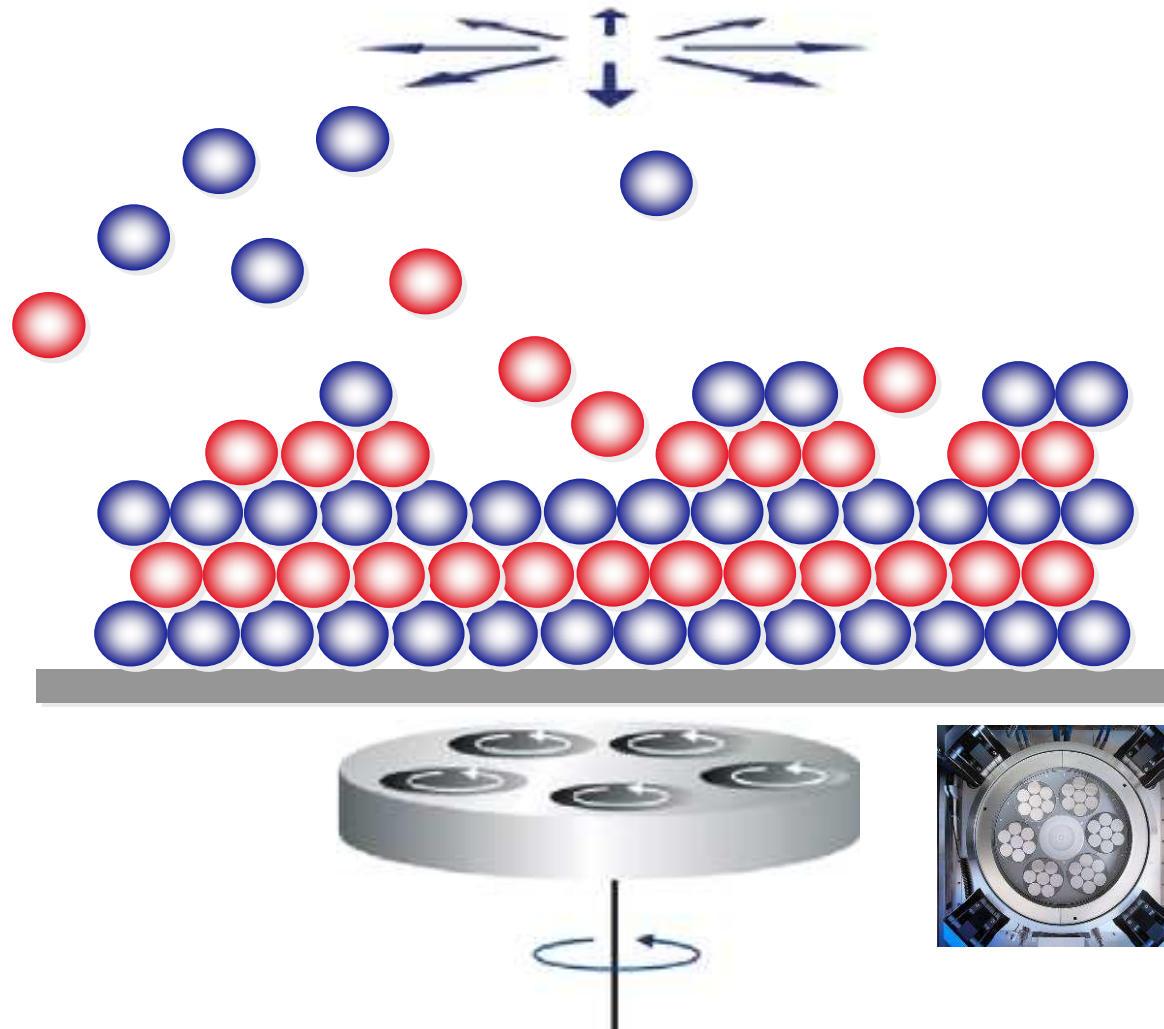
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AIXTRON Global Presence



Gas Phase Deposition

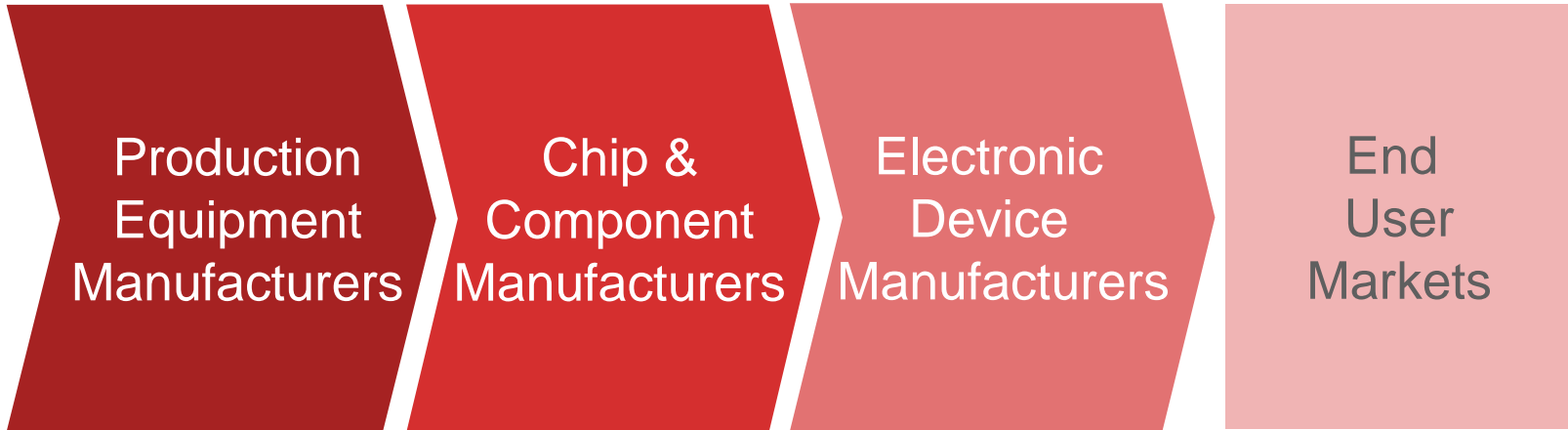
Material Engineering on an Atomic Scale



One Technology – Multiple Solutions

<p>Business</p>	<p>Gas Phase Deposition Nano Scale Material Engineering</p>	
<p>Technology</p>	<p>Compound Semiconductors MOCVD, OVPD®</p>	<p>Silicon Semiconductors AVD®, ALD, CVD</p>
<p>Applications</p>	<ul style="list-style-type: none"> • LEDs/OLEDs for displays • LEDs/OLEDs for lighting • Optoelectronics for telecom/datacom • Organic Electronics for flexible displays and RFID • CD-, DVD-lasers • High frequency for wireless • High power SiC • III-V Compound and Organic solar cells • Carbon Nanotube Structures 	<ul style="list-style-type: none"> • Metal and oxide films for CMOS transistors • Traditional NAND-Flash Memory • Traditional, next generation DRAM Memory • TFH – Thin Film Heads for data storage hard disk drives

Value Chain Positioning



AIXTRON

Veeco

ASM
The Process of Innovation™

APPLIED MATERIALS™

SAMSUNG

intel.

hynix
Semiconductor

EPISTAR corporation
晶元光電 股份有限公司

LUMILEDS
LIGHT FROM SILICON VALLEY

OSRAM
Opto Semiconductors

SAMSUNG

SONY
MOTOROLA
intelligence everywhere™

NOKIA
CONNECTING PEOPLE

hp
invent

CMO

AUO

- Display
- Lighting
- Consumer Electronics
- Automotive
- Medical
- Industrial

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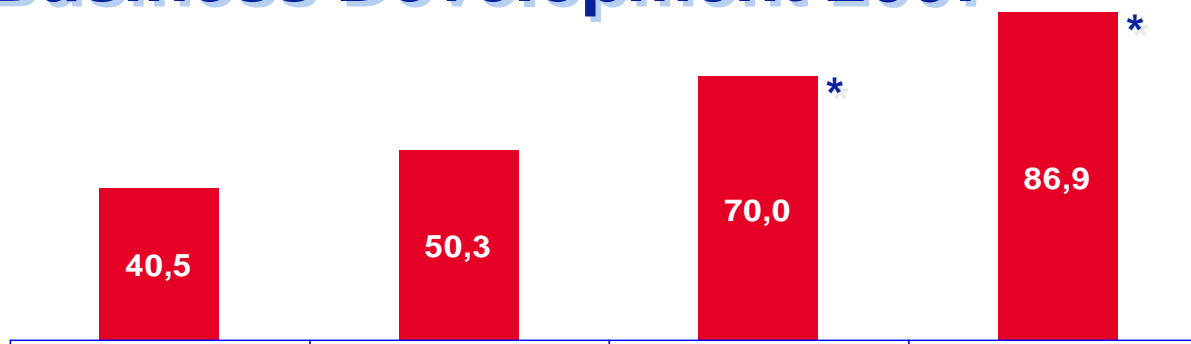
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- Financial Performance 2007
- Share Price and Outlook

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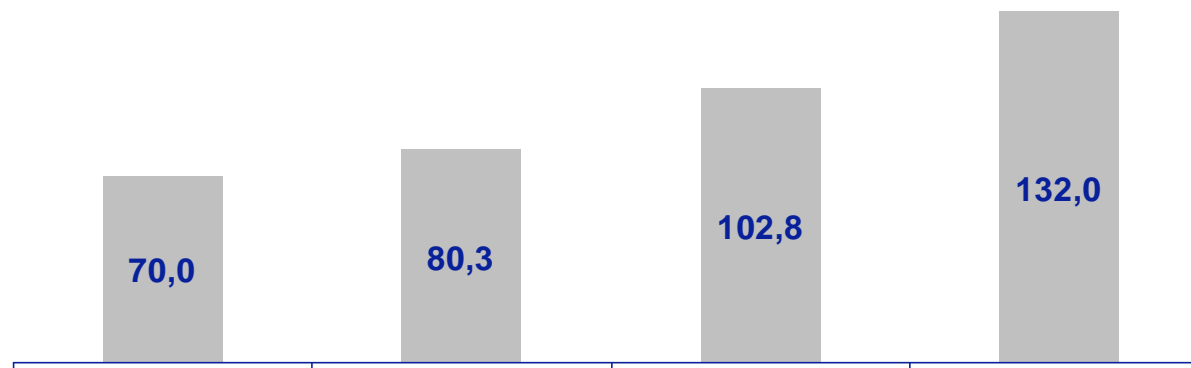
Quarterly Business Development 2007

(€ million)

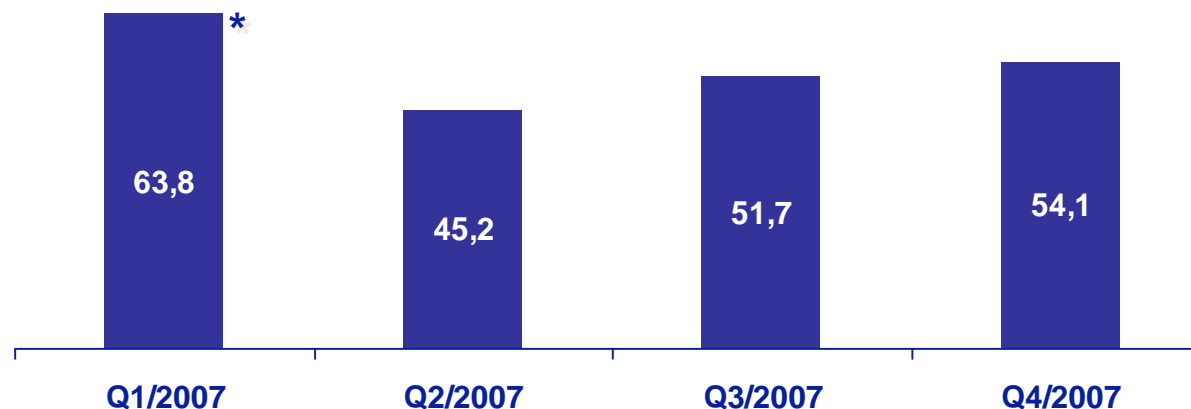
Equipment (only)
Order Intake



Equipment (only)
Order Backlog



Total Revenues
(incl. equipment,
service, spare parts)



* Record Quarters

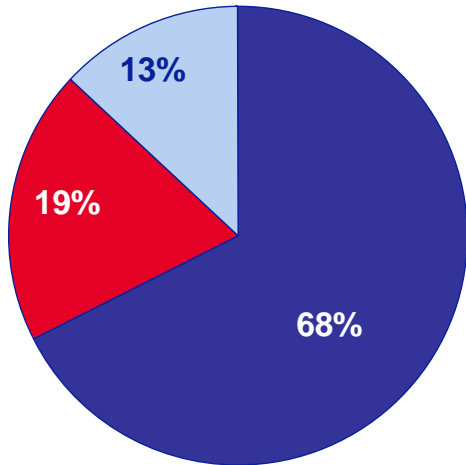
Business Development 2007

	Compound Semiconductors (including Organics)	Silicon Semiconductors
Revenues	<ul style="list-style-type: none"> ➤ €145.2m equipment¹⁾ revenues (+50% yoy) ➤ 68% of total²⁾ revenues 	<ul style="list-style-type: none"> ➤ €41.7m equipment¹⁾ revenues (-9% yoy) ➤ 19% of total²⁾ revenues
Equipment ¹⁾ Order Intake	<ul style="list-style-type: none"> ➤ €208.6m (+52.5% yoy) ➤ 84% of total order intake¹⁾ 	<ul style="list-style-type: none"> ➤ €39.1m (-5% yoy) ➤ 16% of total order intake¹⁾
Main drivers	<ul style="list-style-type: none"> ➤ Multiple & repeat platform-system orders ➤ White LEDs for BLUs ➤ Impending RGB applications supporting investment momentum 	<ul style="list-style-type: none"> ➤ Rising volatility in CVD memory capex ➤ ALD and AVD[®] initiatives attracting more customer interest

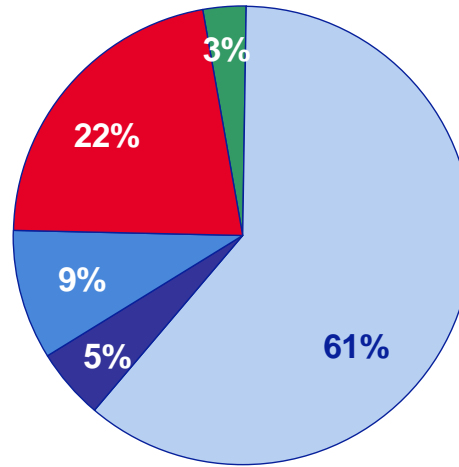
1) Excluding spares/services; 2) including spares/services

2007 Revenue Analysis

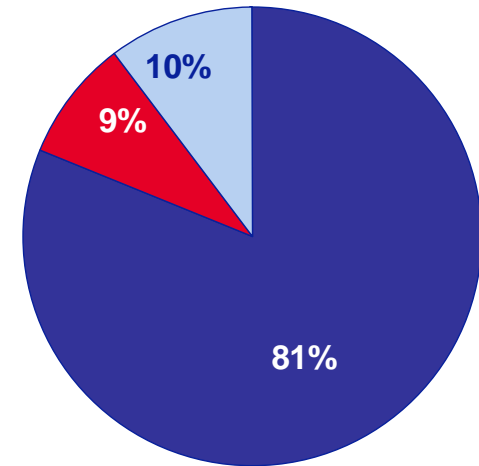
By Technology



By End Application



By Region



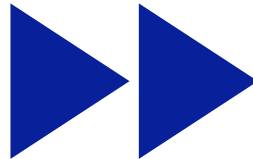
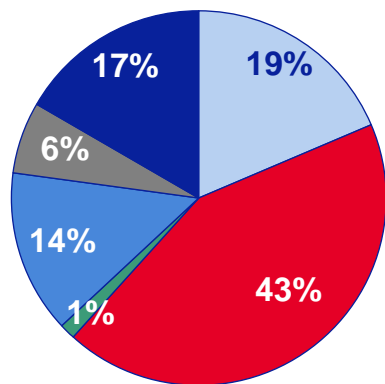
Compound 'Common Platform' Systems

- Rapid adoption by customer base
- Globally acknowledged industry standard
- Production capacity increased in 2007
- c. 70% of 2007 Compound Orders
- c. 50% of 2007 Compound Revenues

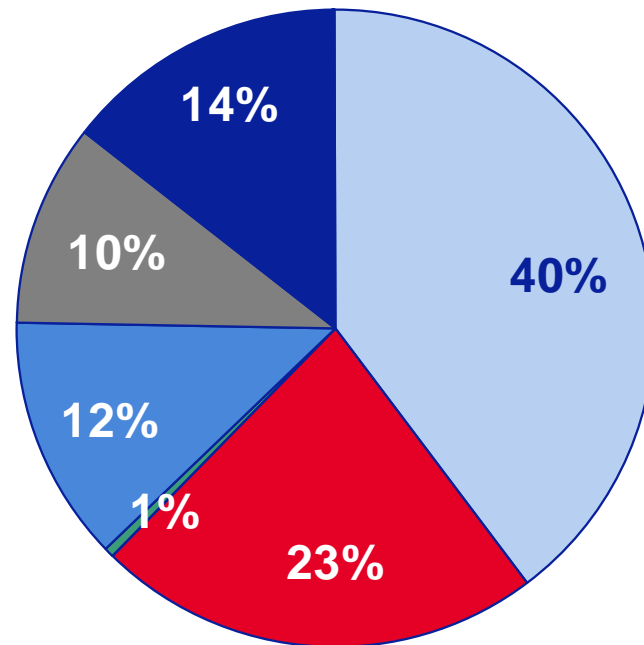


High Brightness LED Market Forecast

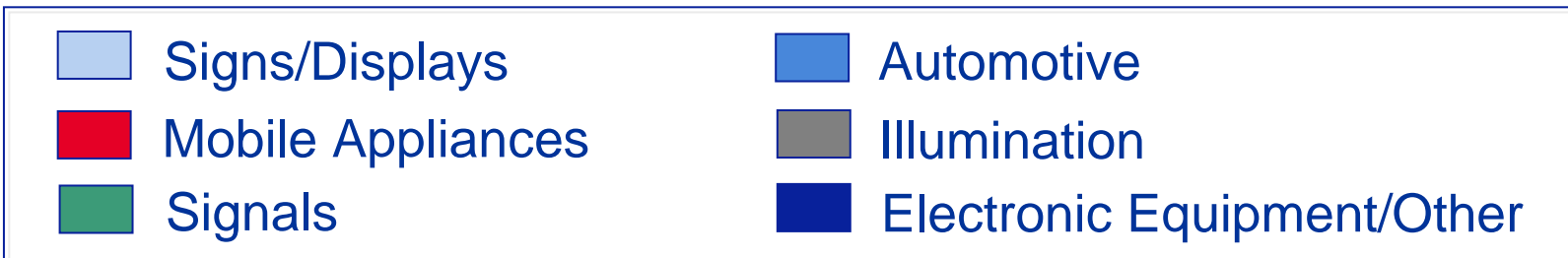
2007
Total: \$4.7bn



2011
Total: \$9.4bn



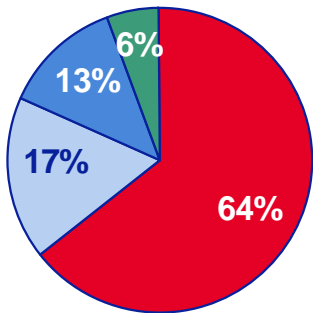
Applications:



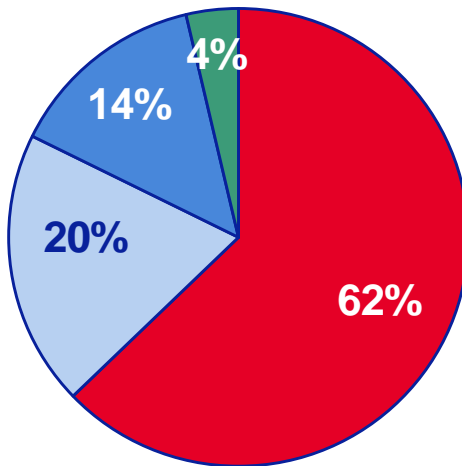
Source: Strategies Unlimited 2007

Global MOCVD Market Shares

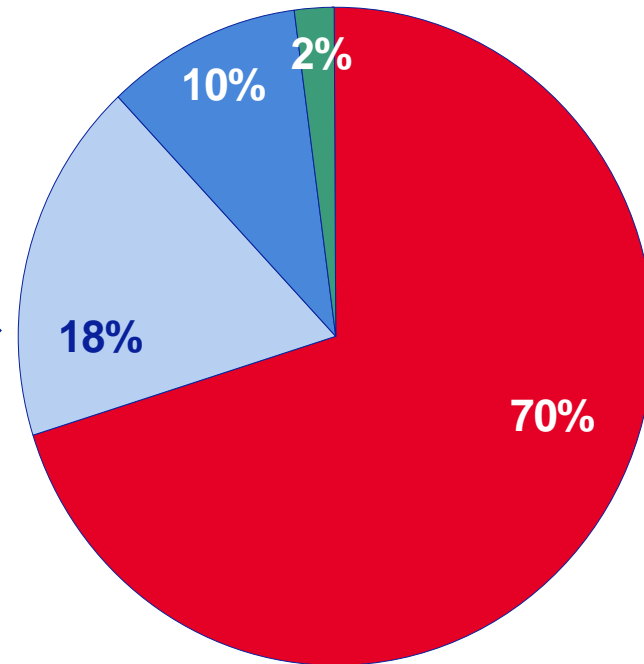
2005
Total: \$156m



2006
Total: \$202m



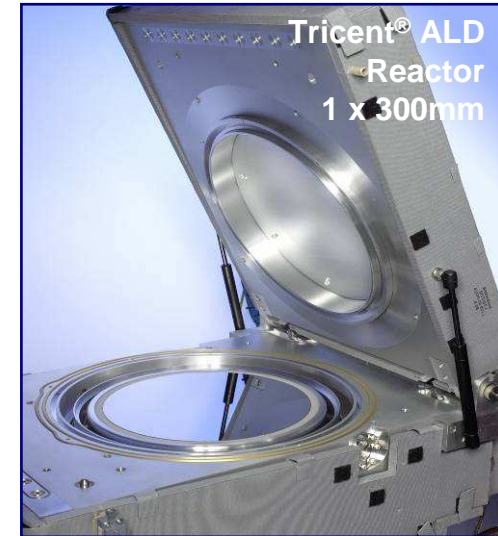
2007
Total: \$289m



Source: VLSI RESEARCH Inc. 2008

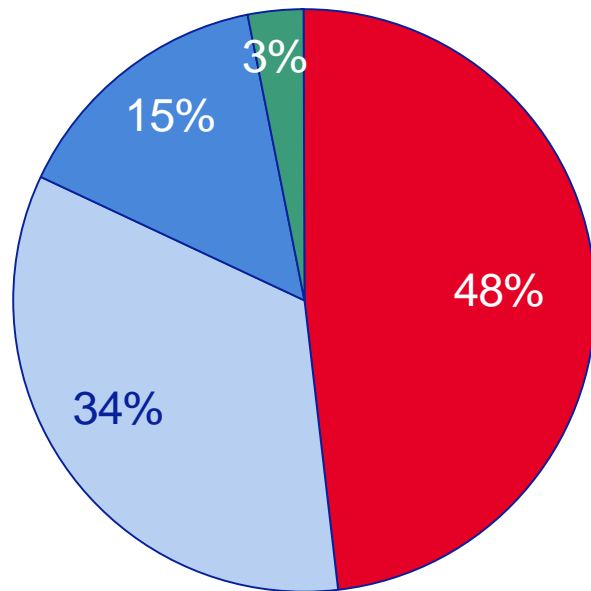
Silicon Semiconductor Systems

- Consumer Electronics driving the NAND flash and DRAM industry
- Comprehensive AIXTRON-portfolio: CVD, ALD, AVD®
- Fab ramp-up with established CVD customers
- ALD/AVD®: film qualifications for new materials in transistors & capacitors
- Combined ALD/AVD® technology (JDP with Asian Semicon leader)

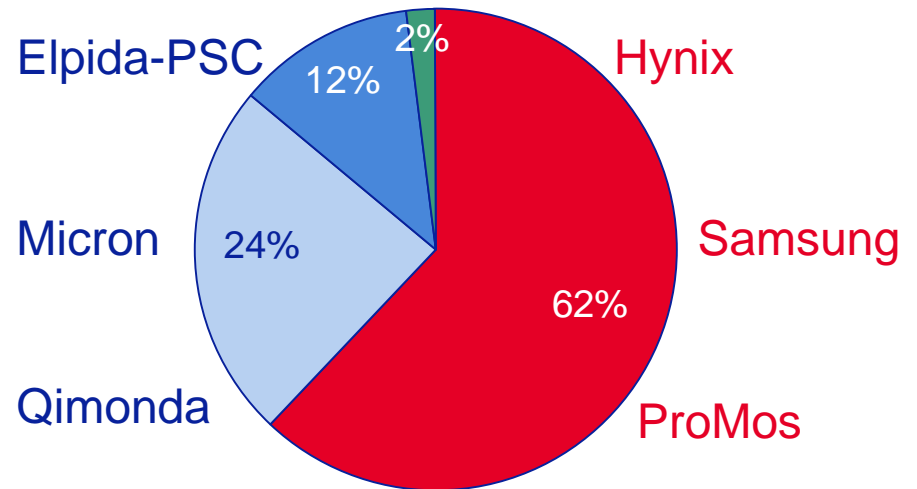


Global CVD Market Shares for WSi_x

2006
Total: \$109m



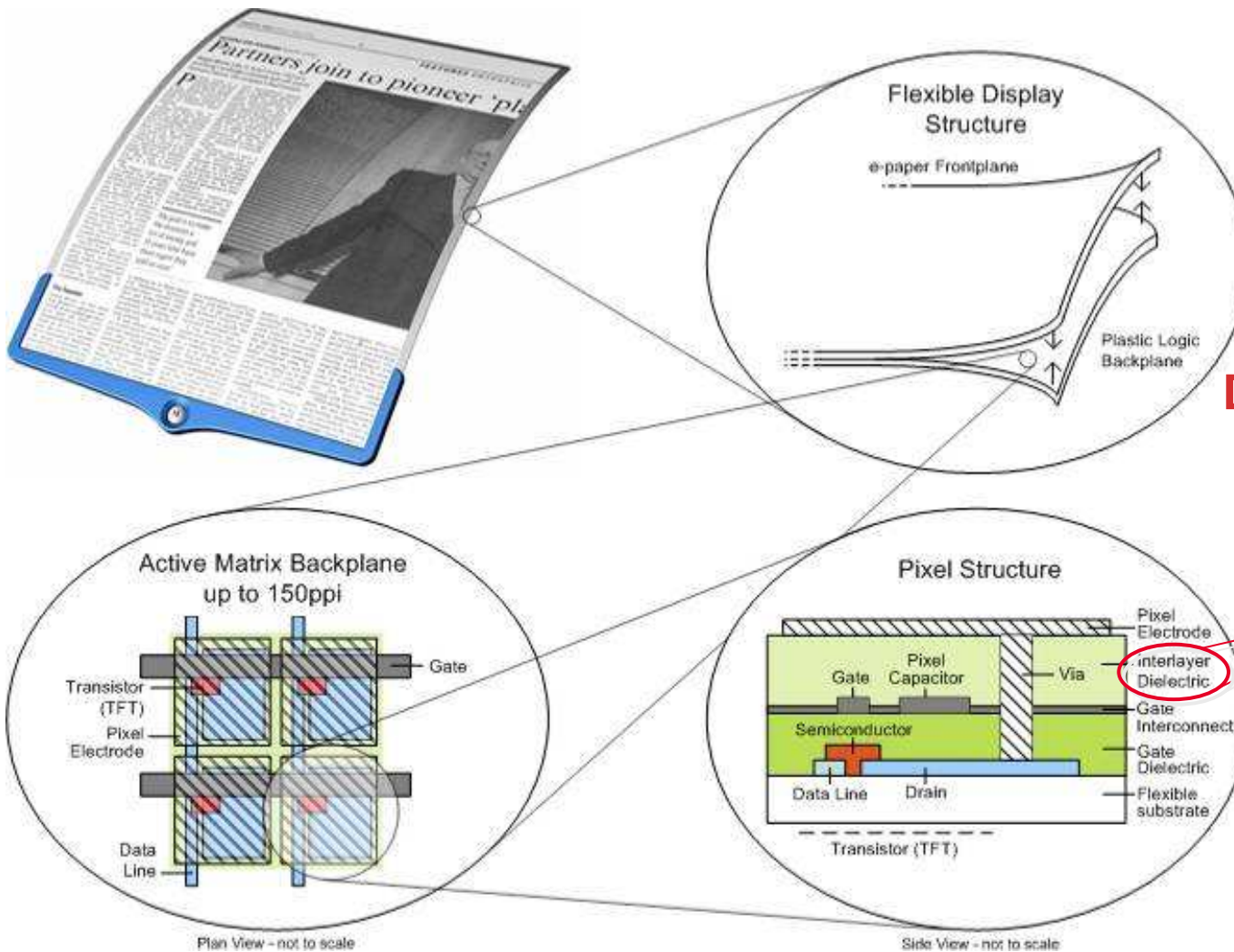
2007
Total: \$84m



based on VLSI RESEARCH Inc. 2008

New Technologies – New Opportunities

Development of New Tool for Plastic Logic – Plastic Electronics



Deposition
with
AIXTRON
Gen 3.5
tool

New Technologies – New Opportunities

Acquisition of Nanoinstruments, Ltd. – Carbon Nanotubes

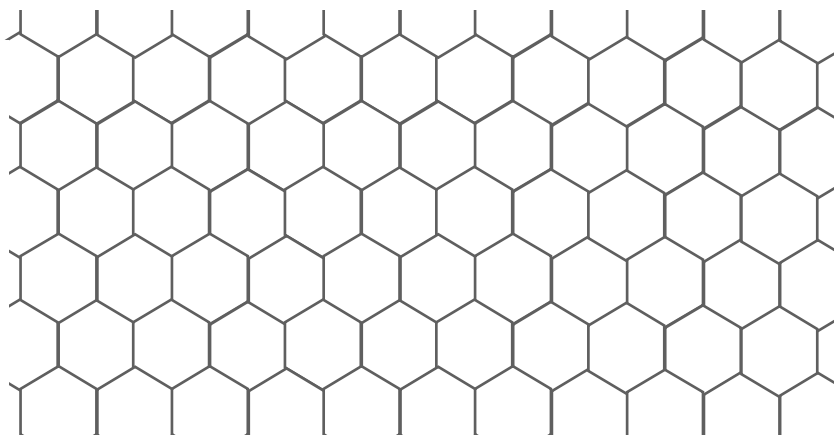
Unique Properties

- Very high thermal conductivity
- Very low resistivity
- Very high mechanical stability

Application Examples

- Electronics
- Heat Sinks
- Field Emission Display

Graphene sheet



Roll-up

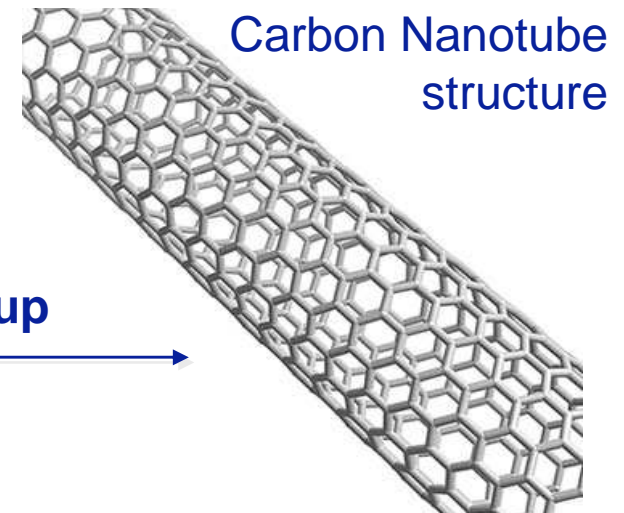


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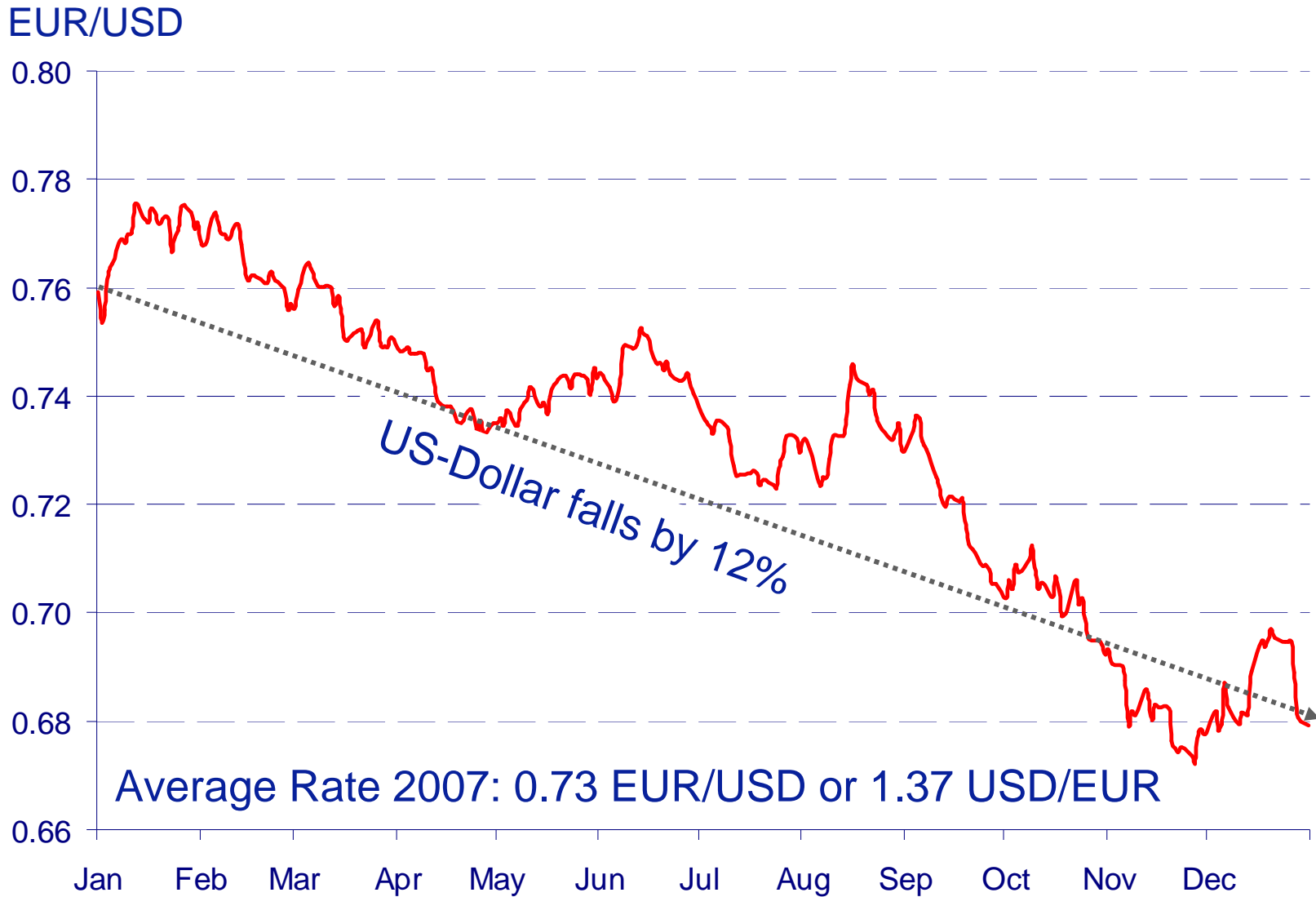
Financial Highlights 2007

- **2007 Total Revenues up 25% to €214.8m**
(2006: € 171.7m)
- **Gross Margin improvement to 40% for the year**
(2006: 37%)
- **2007 EBIT up to €20.6m, 9.6% Return on Sales**
(2006: €5.7m / 3.3%)
- **2007 Equipment Order Intake up 39% YoY to €247.7m**
(2006: € 178m)
- **Order Backlog up 55% to €132m**
(2006: €85.1m)
- **2007 Cash & Cash Equivalents up 54% YoY at €71.9m**
(2006: € 46.8m)

Key Group Financials 2007

(€ million)	2007	2006	Variance
Equipment Order Intake	247,7	178,0	39%
Equipment Order Backlog (end of period)	132,0	85,1	55%
Revenues	214,8	171,7	25%
Gross Profit	85,0	63,4	34%
Gross Margin	40%	37%	+3pp
EBIT	20,6	5,7	261%
EBIT Margin	10%	3%	+7pp
Net Result	17,3	5,9	193%
EPS (€)	0,20	0,07	186%
Cash & Cash Equivalents (end of period)	71,9	46,8	54%
Free Cash Flow	22,3	15,6	43%

Euro/US-Dollar Exchange Rate 2007



Group Income Statement 2007 (IFRS)

(€ million)	2007	2006	Variance
Revenues	214,8	171,7	25%
Cost of sales	129,8	108,3	20%
Gross profit	85,0	63,4	34%
Gross Margin	40%	37%	+3pp
Selling Expenses	27,2	23,4	16%
General & Admin. expenses	16,0	17,3	-8%
R&D	26,5	23,9	11%
Other operating income (expense)	5,3	6,8	-22%
EBIT	20,6	5,6	268%
EBIT Margin	10%	3%	+7pp
Result before tax	22,4	6,6	239%
Pre-Tax Margin	10%	4%	+6pp
Net result	17,3	5,9	193%
Net Return on Sales	8%	3%	+5pp

Group Cash Flow Statement (IFRS)

(€ million)	2007	2006
Cash Flow from operating activities	32,9	20,8
of which: net income (loss) after taxes	17,3	5,9
Cash Flow from investing activities	(10,5)	(5,1)
Cash Flow from financing activities [incl. exchange rate changes]	2,9	(0,3)
Net change in Cash & Cash Equivalents	25,2	15,3
Cash & Cash Equivalents at the end of period	71,9	46,8

Group Balance Sheet 2007 (IFRS)

(€ million)	Dec 31, 2007	Dec 31, 2006
Property, plant & equipment	35,1	36,4
Goodwill	59,0	65,1
Other intangible assets	12,5	15,1
Others	10,9	11,4
Non-current assets	117,5	128,0
Inventories	60,0	53,1
Trade receivables	33,5	27,7
Others	13,9	7,9
Cash & Cash Equivalents	71,9	46,8
Current Assets	179,3	135,5
Shareholders' equity	198,4	183,9
Non-current liabilities	2,4	3,1
Trade payables	23,8	29,9
Advanced payments from customers	50,0	31,4
Others	22,2	15,2
Current liabilities	96,0	76,5
Balance Sheet total	296,8	263,5

AIXTRON AG Key Financials (HGB)

(€ million)	2007	2006	Variance
Revenues	130.9	109.8	19%
Net result	10.9	2.8	289%
Retained earnings	1.4	0.0	-
Transfer (to)/from retained earnings	0.0	(1.4)	-
Accumulated net result	12.3	1.4	-
2007 dividend payment proposal	6.3	0.0	-
2007 dividend proposal per share (€)	0.07	0.00	-

First Quarter Key Financials

Year-on-year comparison

(€ million, unaudited)	Q1/2008	Q1/2007	Variance
Equipment Order Intake	85,5	40,5	111%
Equipment Order Backlog (end of period)	157,3	70,0	125%
Revenues	62,6	63,8	-2%
Gross Profit	24,5	24,2	1%
Gross Margin	39%	38%	+1 pp
EBIT	8,7	8,2	6%
EBIT Margin	14%	13%	+1 pp
Net Result	5,9	7,6	-22%
EPS (€)	0,07	0,09	-22%
Cash & Cash Equivalents (end of period)	68,6	43,7	57%
Free Cash Flow	12,9	(6,1)	

Changing to Registered Shares

Better Transparency & Communication

- Allow better & direct communication with shareholders
- We get to know our shareholders better

Less Cost

- Registered Shares save money due to direct invitation to AGM
- Registered Shares simplify Internet Voting

Safe, Comfortable, Free of Cost

- Shareholders are registered electronically
- Data is protected and safe
- No cost for shareholders involved

Full Flexibility

- Shares can be traded as before
- No Change to Shareholders Rights

Own Shares Purchase Resolution

What is covered by this resolution?

- Purchase up to 10% of the current share capital

Procedure of Purchase

- Shares may be purchased on the stock market at +/-10% of average closing price
- Shares may be purchased by way of public offer at +/- 20% of average closing price

Usage of Purchased Shares

- Fulfill subscription rights of options, warrants, convertible bonds to avoid dilution
- Use own shares for acquisitions purposes to avoid dilution

Share buy back program

- No plans for a buy back program to cancel or to hold shares

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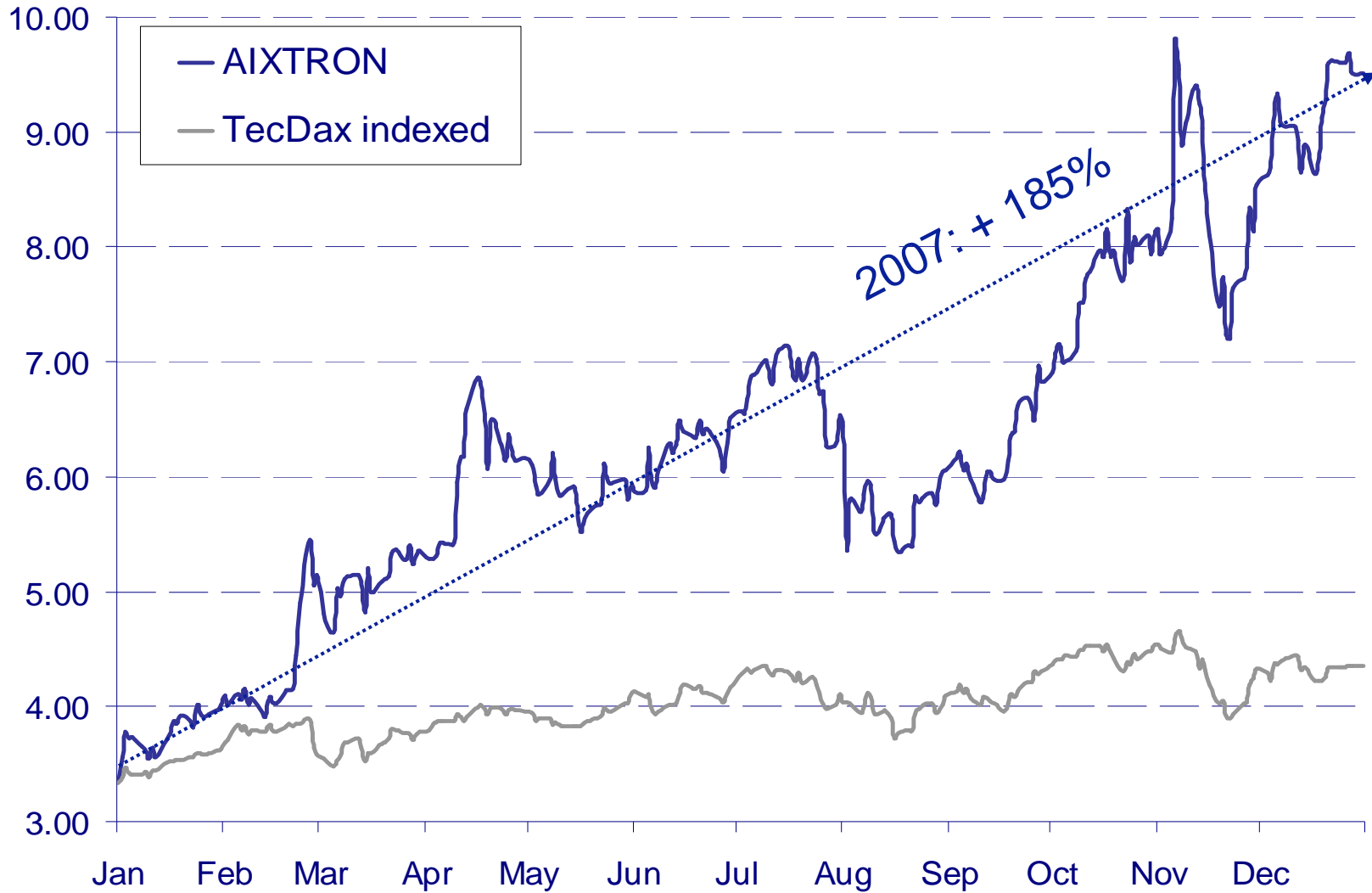
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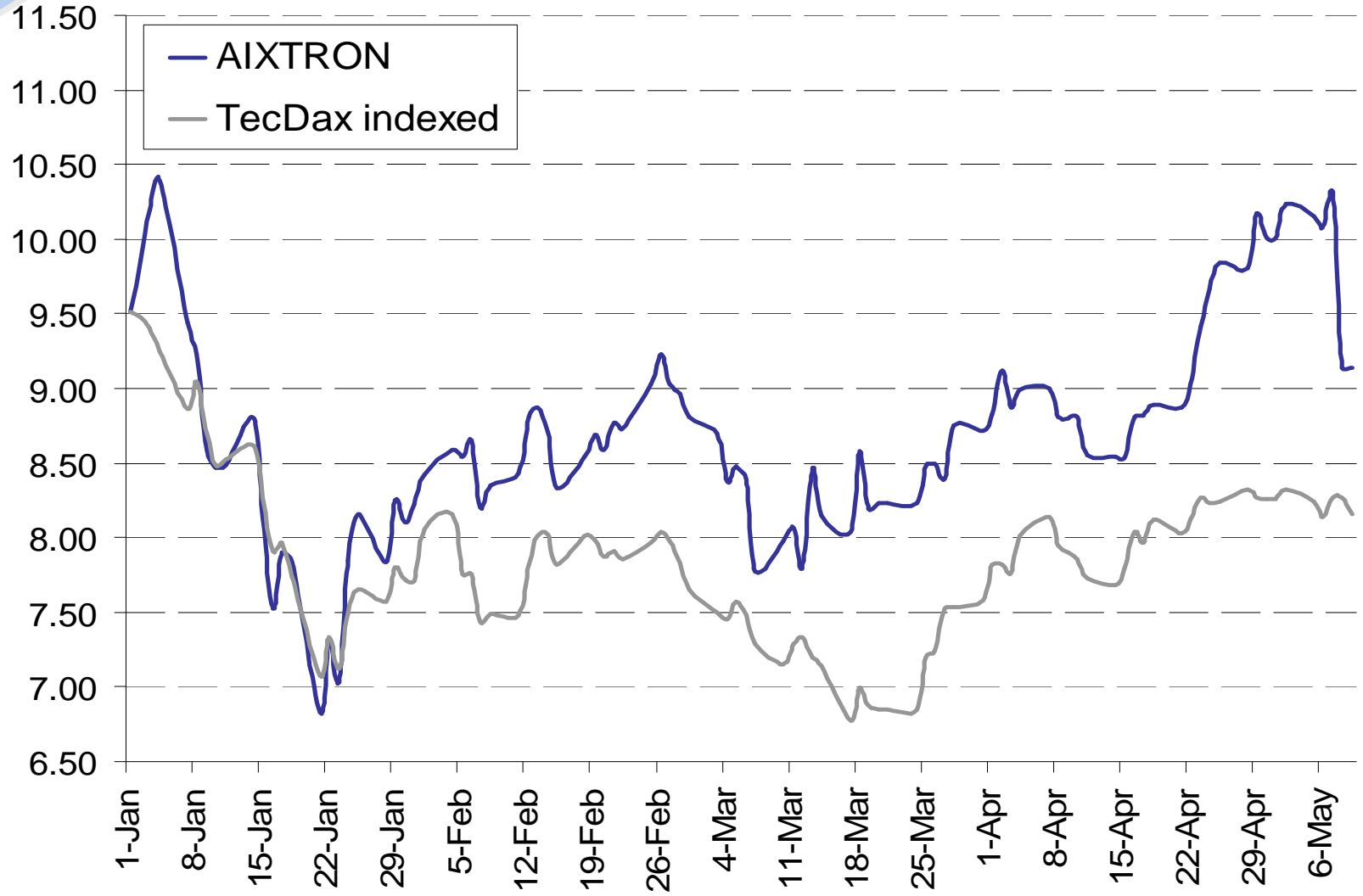
AIXTRON Share Price Development 2007



Q1/2008 Update

AIXTRON Share Price Development 2008

Share Price and Outlook



Q1/2008 Update

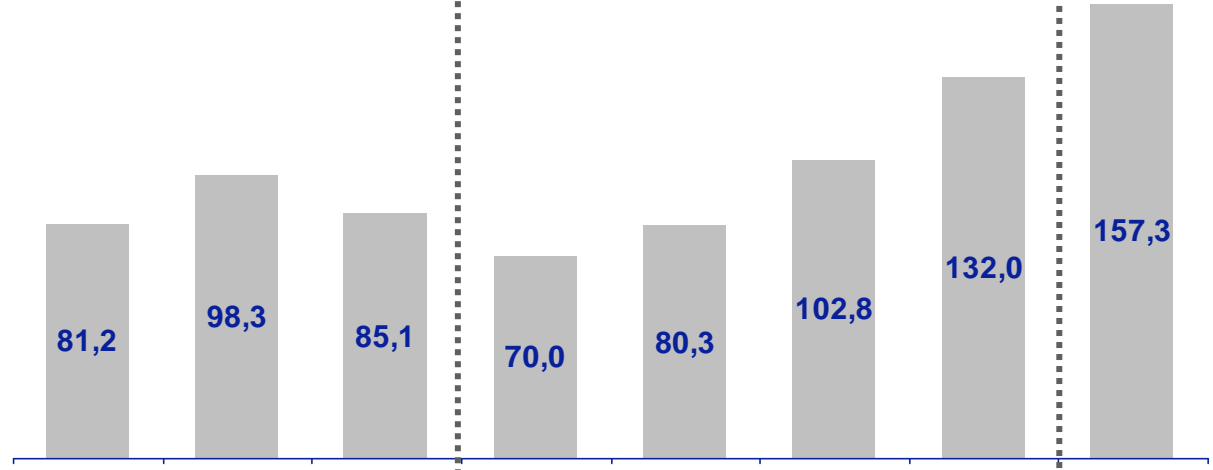
24 Months with Business Development

Share Price and Outlook

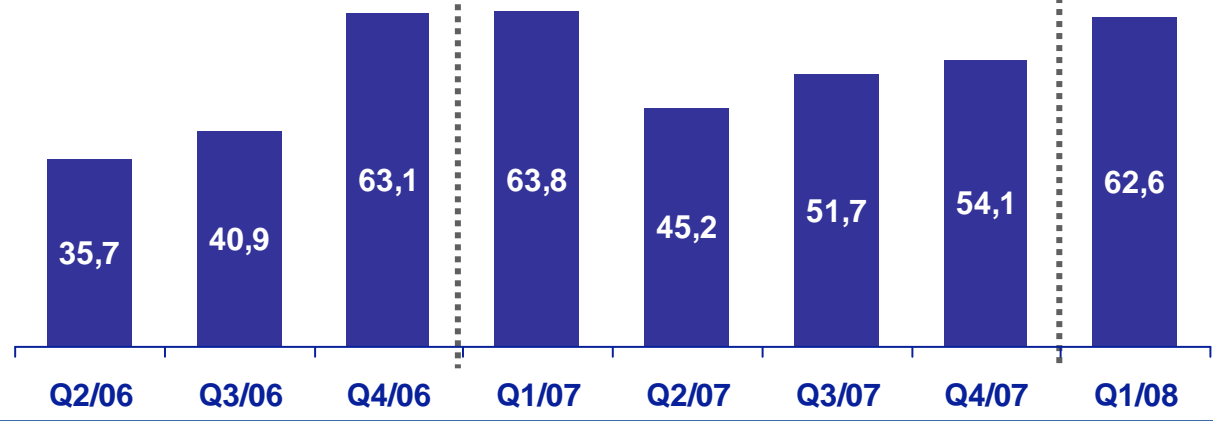
Equipment (only)
Order Intake



Equipment (only)
Order Backlog



Total Revenues
(incl. equipment,
service, spare parts)



(€ million)

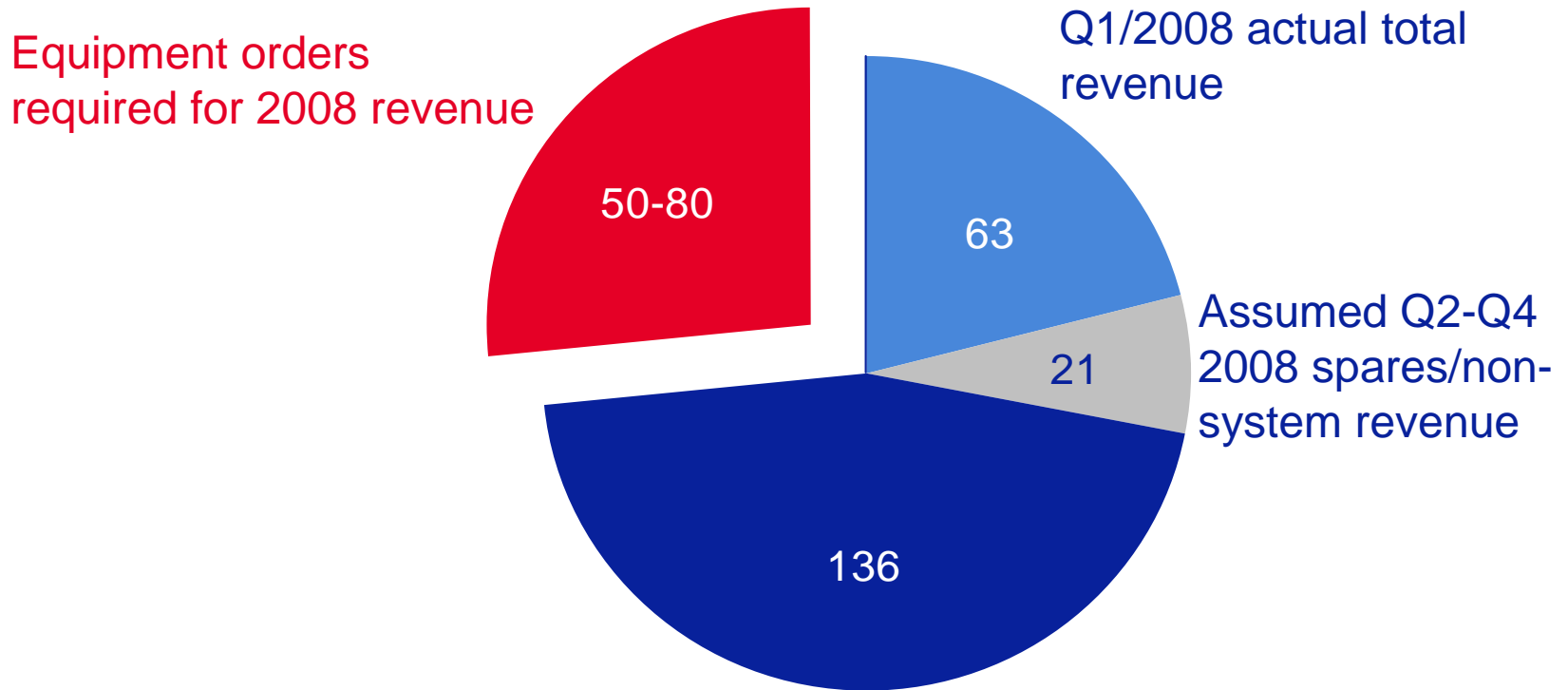


Q1/2008 Update

Share Price and Outlook

2008 Guidance Model

(€ million)



2008 Guidance:

- **€270 - 300m Revenues**
- **10-12% EBIT Margin**

New Technologies – New Opportunities

Short -Term

- LED backlighting for next generation LCD screens
- LEDs for increasing automotive applications
- Emerging LED external/street lighting applications

Mid-Term

- Emerging Solid State Lighting device applications
- Silicon carbide (SiC) hybrid automotive & solar applications
- CVD/ALD: NAND/DRAM memory – next generation applications
- Concentrator solar cells, III-V photovoltaics
- Development of plastic electronics/flexible TFT Backplanes

Long-Term

- OLED: Promising longer term development technology
- III-V – Silicon material convergence
- Development of applications using Carbon Nanotubes CNT

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