



SMART SOLUTIONS TO DRIVE THE FUTURE

SINGULUS TECHNOLOGIES AG - Optical Disc and Solar

First Half Year 2011

SINGULUS 

in million €	1st Half Year 2010	1st Half Year 2011
Revenues	49.3	64.6
Order Intake	67.4	115.0
Order Backlog (30.06.)	45.5	85.9
EBIT	-8.0	-0.2
EBITDA	0.9	5.4
Profit Before Tax	-10.2	-1.6
Net Profit	-7.9	-2.7
Operating Cash Flow	-11.6	7.5

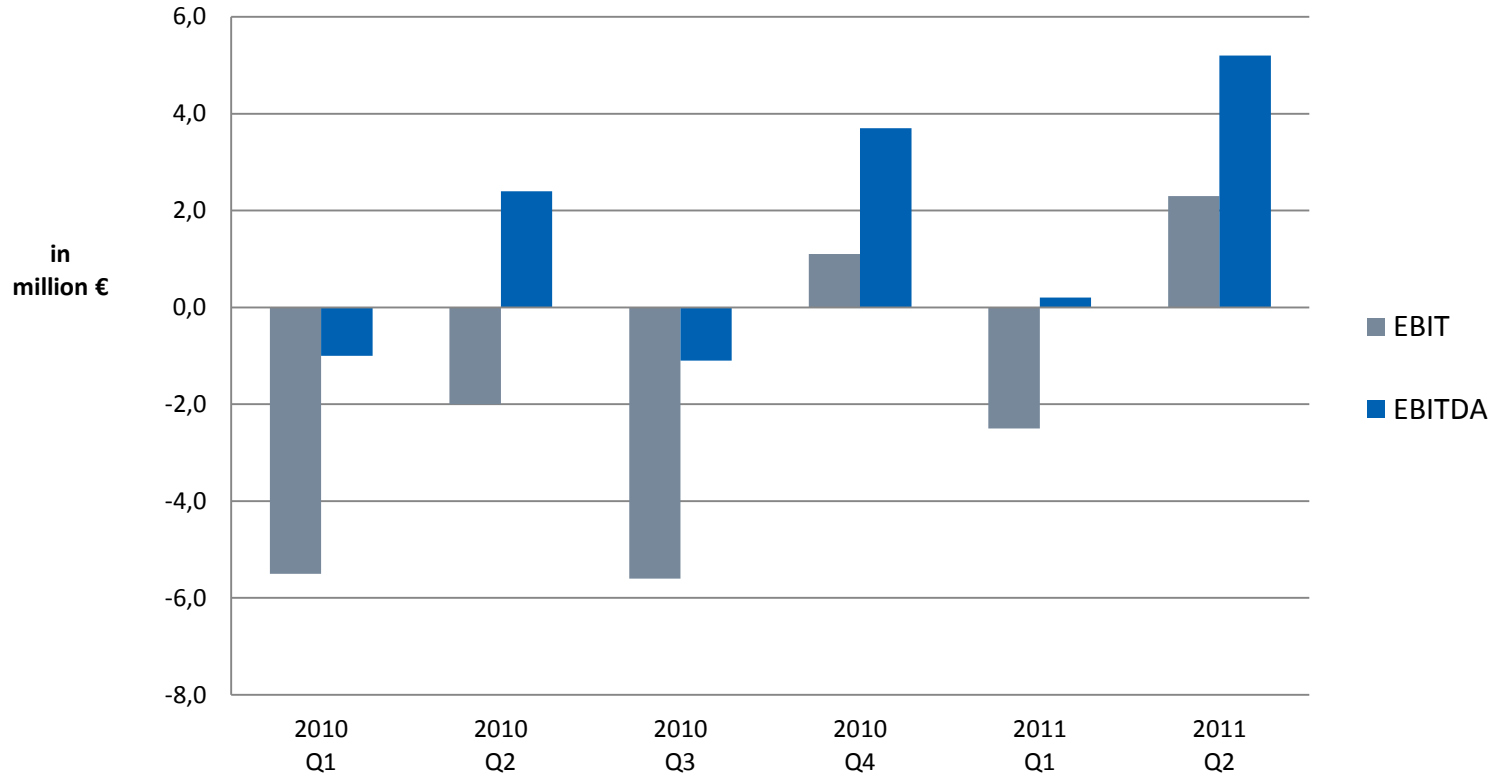
in million €	Total	Optical Disc	Solar	Semicon
Revenues	64.6	40.5	21.4	2.7
EBIT	-0.2	4.1	-3.1	-1.2
EBITDA	5.4	7.1	-0.6	-1.1

in million €	Q2 2010	Q2 2011
Revenues	27.8	44.8
Order Intake	27.6	49.1
Order Backlog (30.06.)	45.5	85.9
EBIT	-2.5	2.3
EBITDA	1.9	5.2
Profit Before Tax	-3.5	1.5
Net Profit	-2.2	1.1
Operating Cash Flow	-8.9	2.5

Profit & Loss Statement Q2 2011

in million €	Q2 2010	Q2 2011
Gross Revenue	27.8	44.8
Net Revenue	27.5	44.2
Gross Profit (in % of Net Revenues)	7.2 (26.2%)	12.7 (28.7%)
OPEX (Total)	-9.7	-10.4
- R+D	-3.2	-3.0
- Sales & Customer Service	-4.6	-4.3
- GM & A	-3.3	-3.1
- Other Income/Expenses	1.4	0.0
EBIT	-2.5	2.3
Net Income	-2.2	1.1
EPS basic (in €)	-0.05	0.03

EBIT and EBITDA*



* adjusted by one time effects

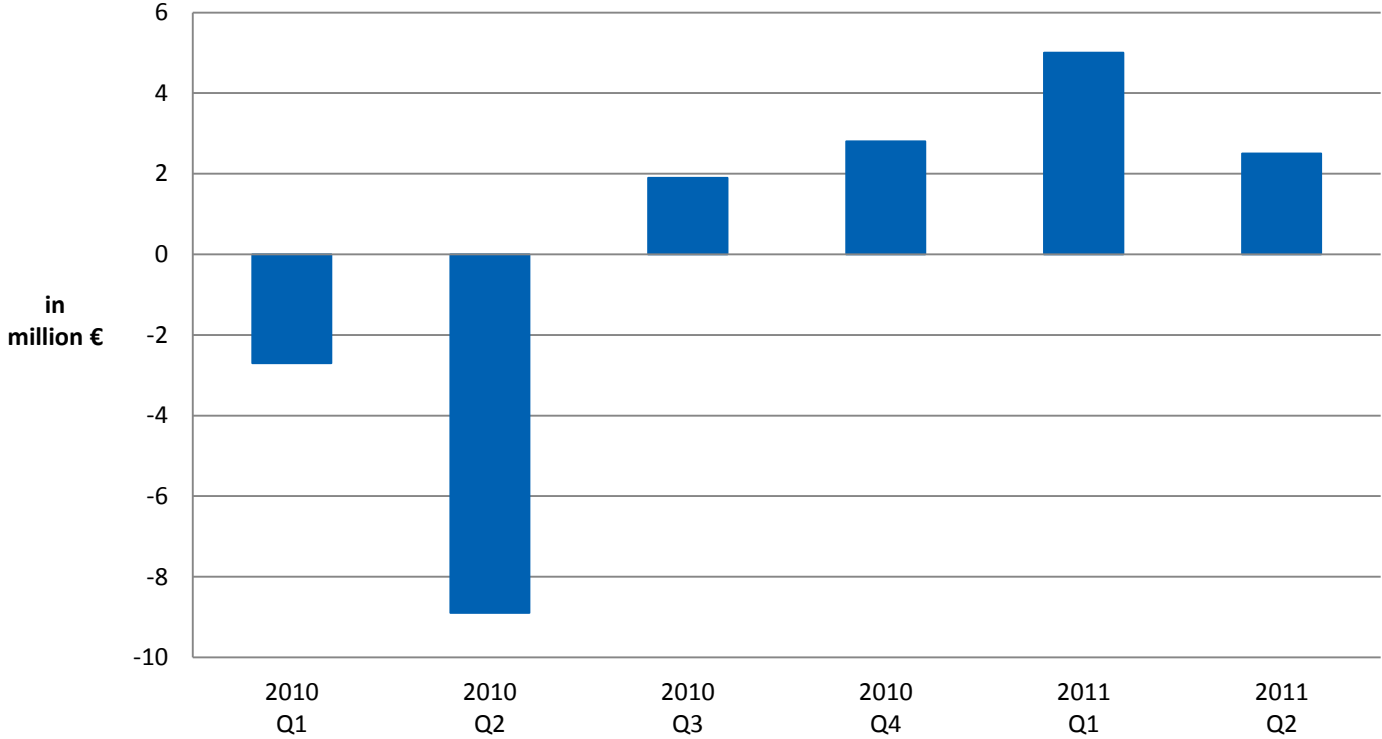
Balance Sheet

in million €	Dec. 31, 2010	June 30, 2011
Cash and Cash Equivalents	12.3	18.6
Total Receivables and Other Current Assets	47.3	54.4
Total Inventories	47.7	54.8
Non Current Assets	74.6	72.9
Total Assets	181.9	200.7
Total Current Liabilities	54.6	57.4
Total Non-Current Liabilities	21.1	16.9
Total Equity	106.2	126.4
Equity and Liabilities	181.9	200.7

Cash flow Development

in million €	6M 2010	6M 2011
Cash flow from Operating Activities	-11.6	7.5
Cash flow from Investing Activities	4.9	-0.9
Cash flow from Financing Activities	21.5	-0.2
Total Cash flow	14.8	6.4
Cash and Cash Equivalents at the Beginning of the Period	15.2	12.3
Effect of Exchange Rate Changes	0.5	-0.1
Cash and Cash Equivalents at the End of the Period	30.5	18.6

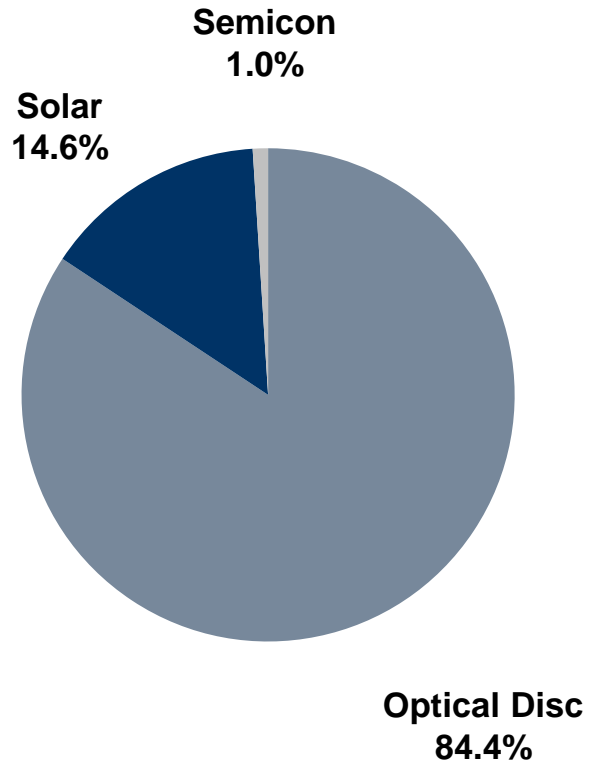
Operating Cash Flow



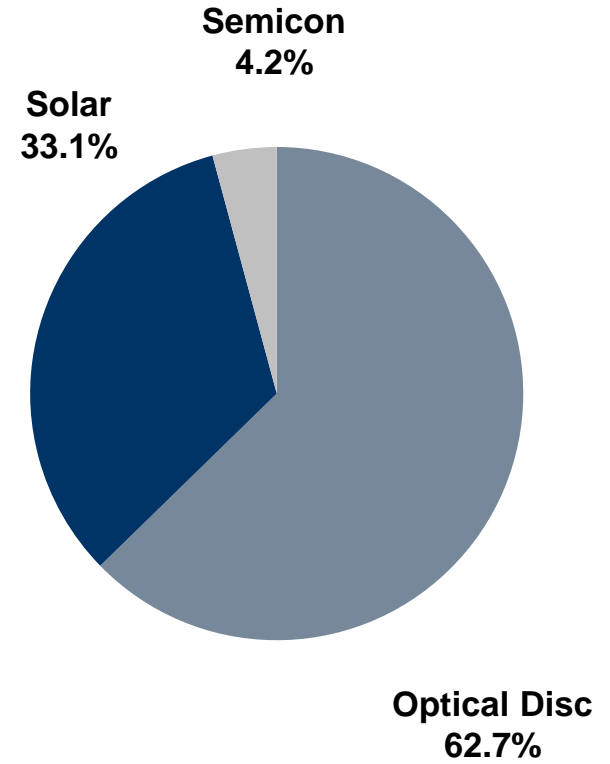
	March 31, 2011	June 30, 2011	Δ
STANGL	135	132	-3
SINGULUS	329	331	+2
SINGULUS Group	464	463	-1
Domestic	350	351	+1
Abroad	114	112	-2

Sales Split by Products

1st Half Year 2010

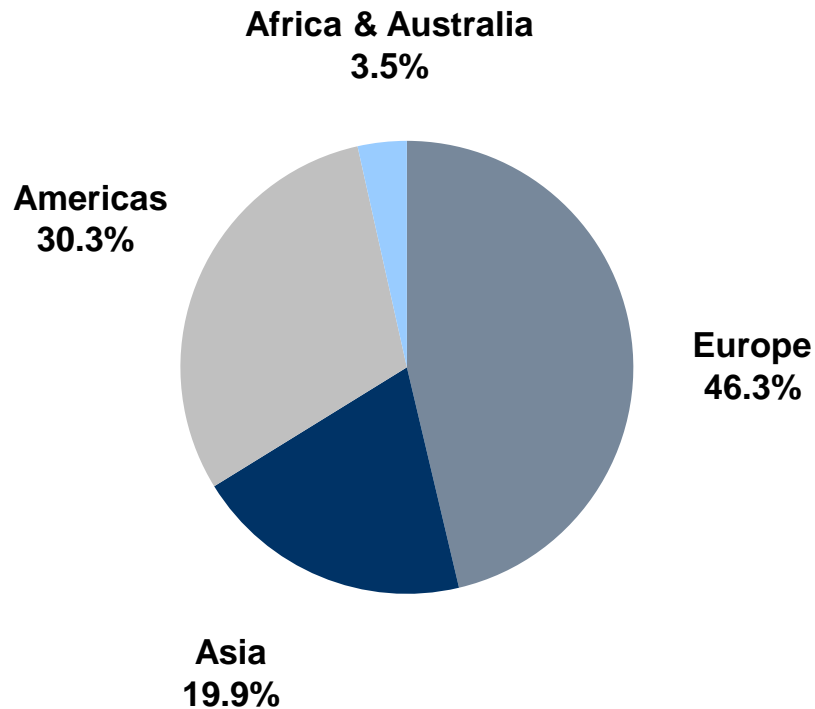


1st Half Year 2011

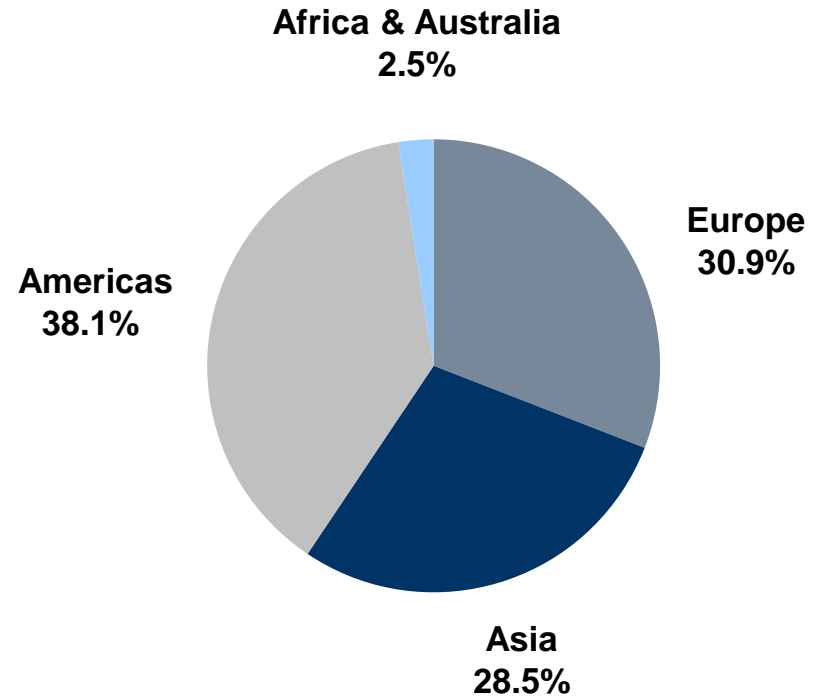


Sales Split by Region

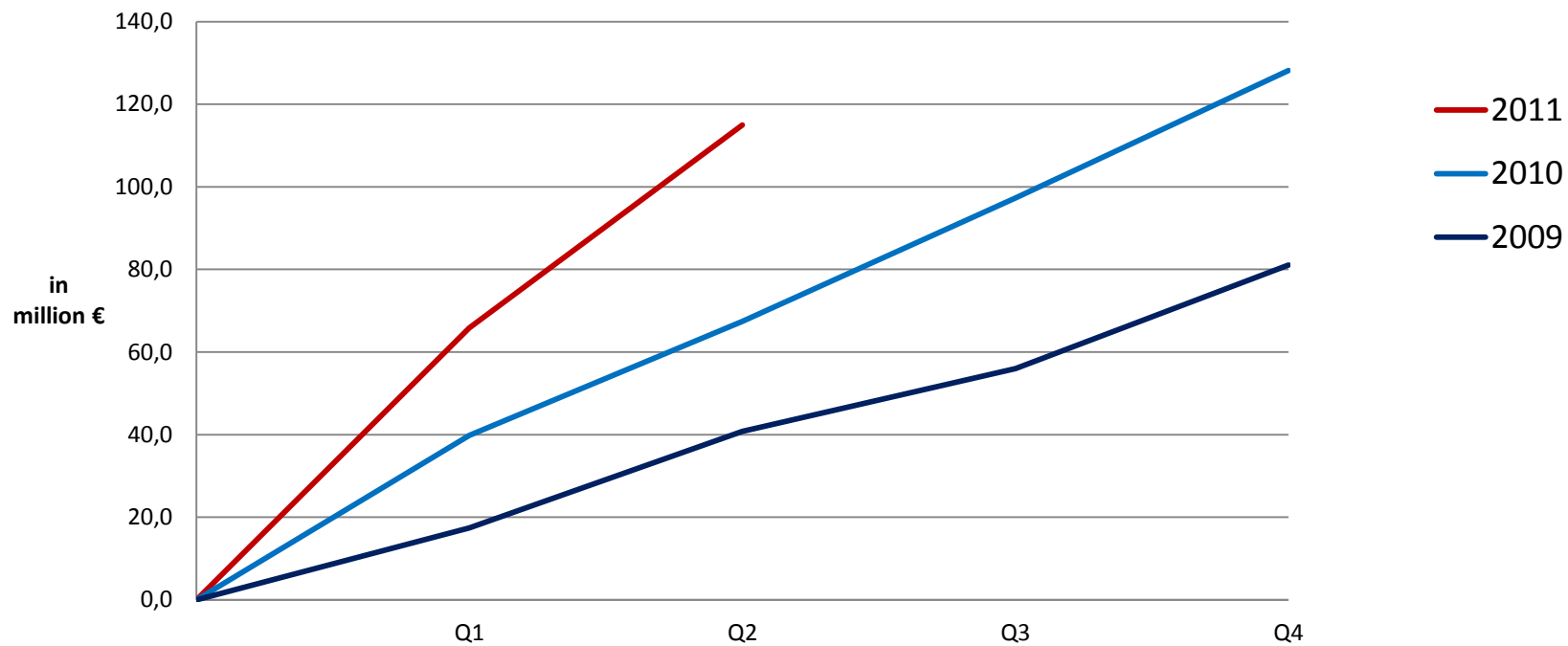
1st Half Year 2010



1st Half Year 2011



Accumulated Order Intake



The Total Solution for Optical Disc



Mastering Systems

Molding Systems



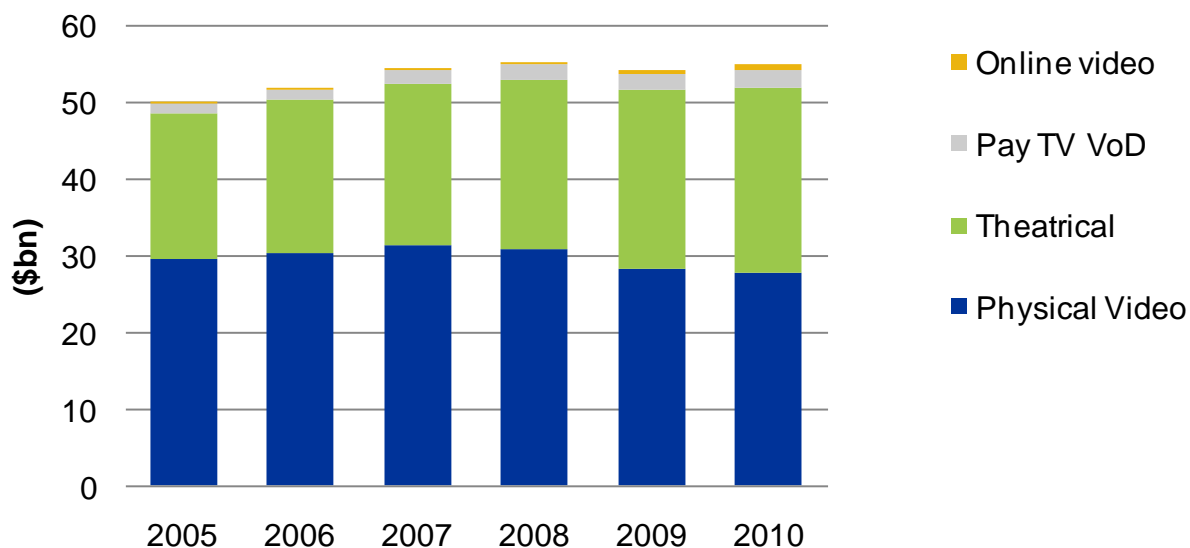
SKYLINE for CD SPACELINE for DVD

BLULINE for Blu-ray

Packaged Media Generated above Half of all Movie Spending

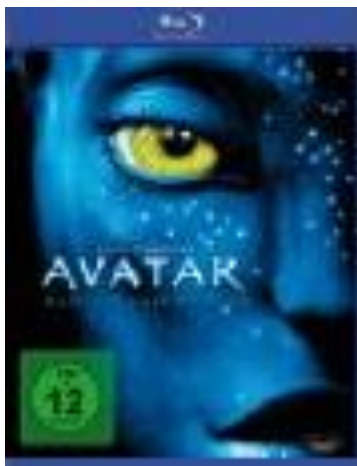
The prevalence of the retail business model means packaged media's share of volume is even greater up to 60 %

Global movie spending by platform 2005 - 2010



Blu-ray – Coming Soon

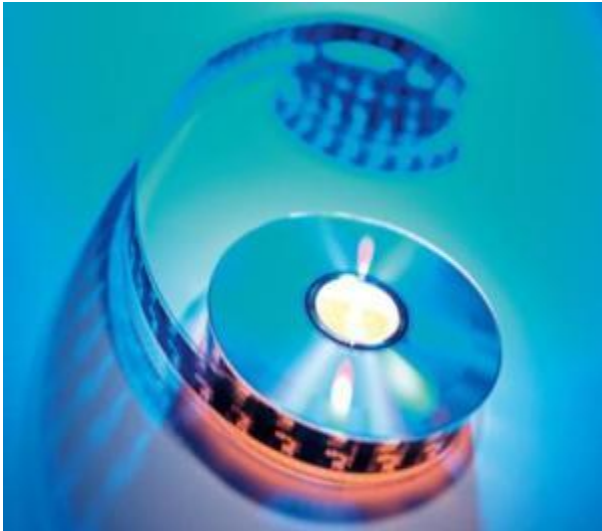
Coming soon: Harry Potter blockbuster on BD, Star Wars Saga on BD and later on BD 3D, Lord of the Rings on BD 3D and more...



Our Major Segments

Optical Disc

- Mastering
- Molding
- Replication



Solar

- Coating
- Wet Processing
- Systems Business



CISARIS Inline Diffusion Furnace for CIS/CIGS Solar Cells

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Q2-2011

- 18 -

- Product introduced 2010
- 8 Machines already sold with an order intake of about € 50 million
- 2nd Generation for inline diffusion furnace with optimized cycle time



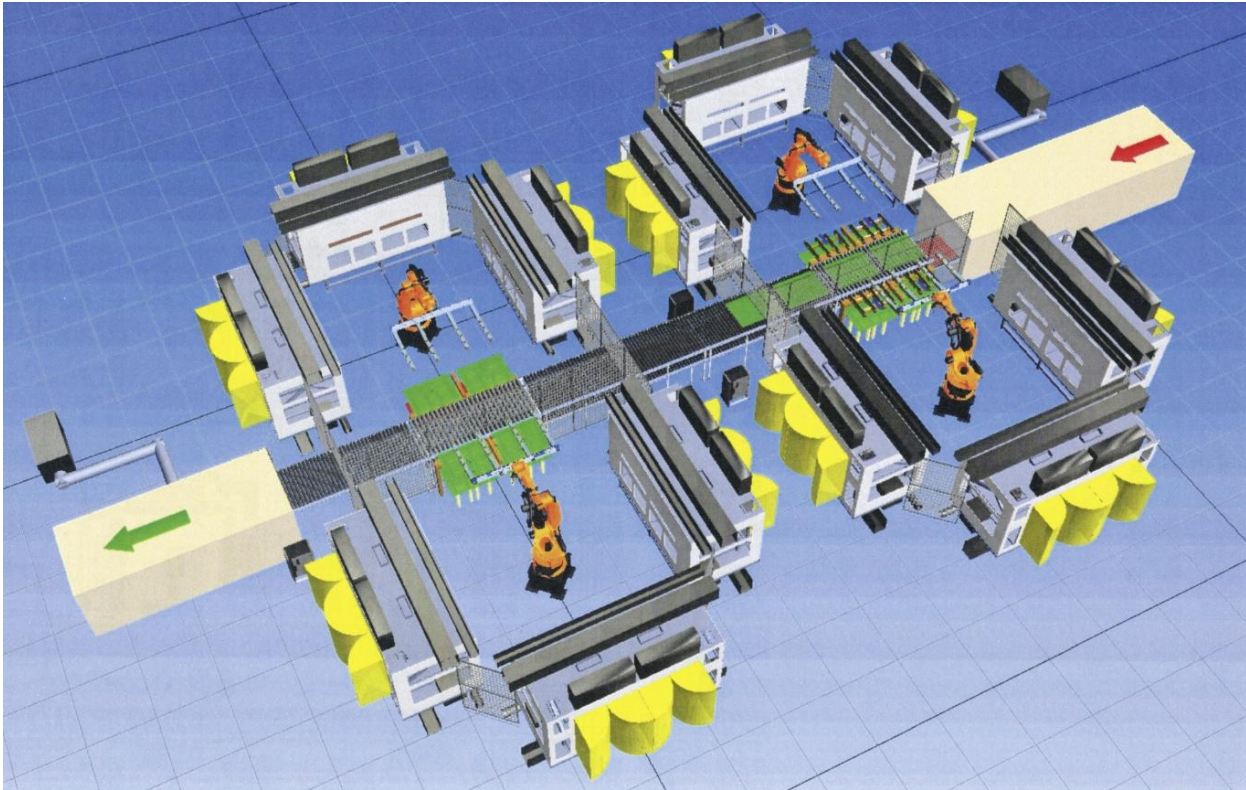
VITRUM GEN 2 - Wet Processing System for Washing, Cleaning & Etching (CdTe / CIGS)

- New design
- Lowest cost of ownership on the market
- High availability (uptime > 98%)
- New optimized design
- Better accessibility
- Small footprint
- High market demand

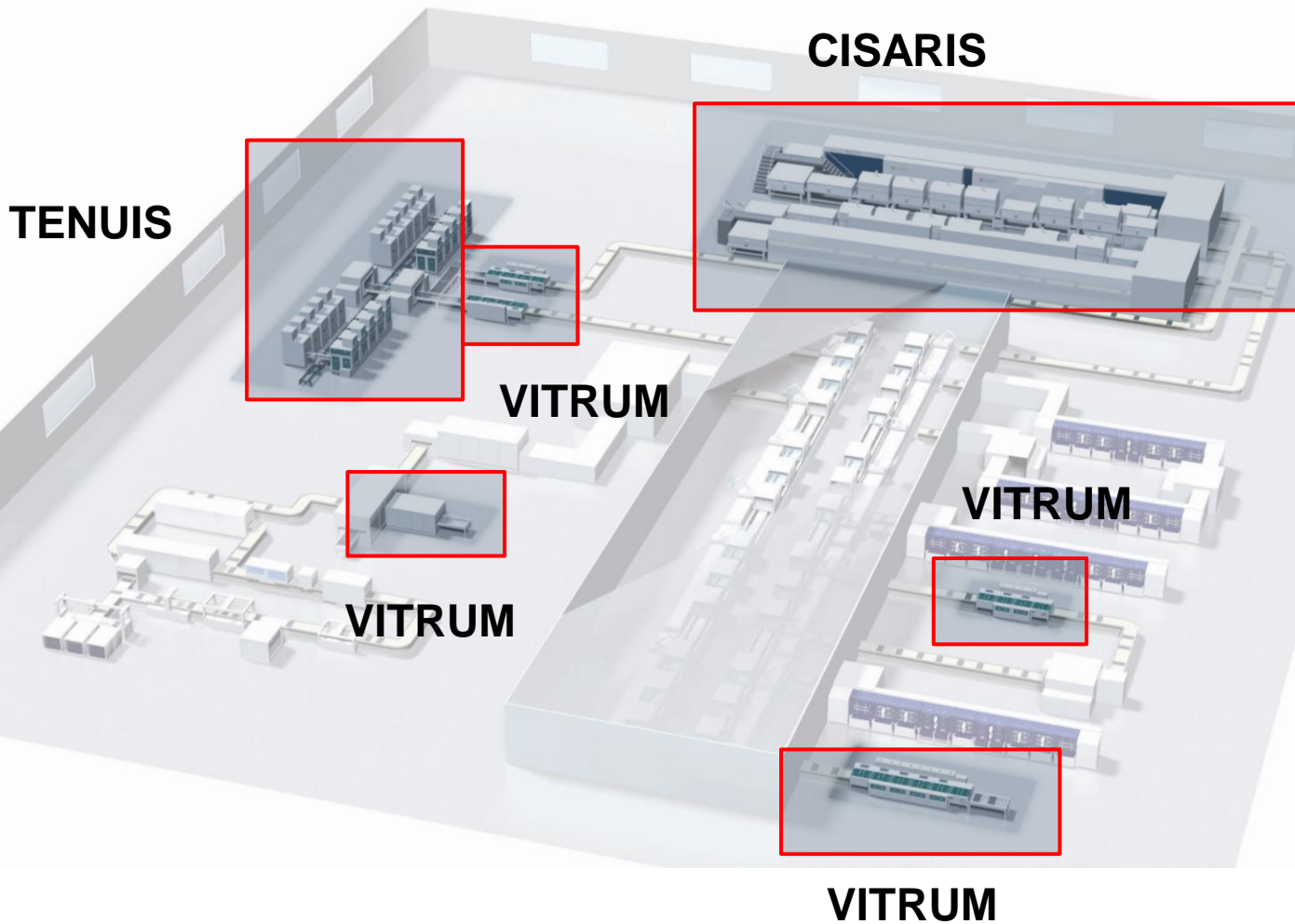


TENUIS GEN 2 for Deposition of Buffer Layer

- Market leader with installed system (market share 70-80 %)
- Patented process know how for deposition
- Production capacity 60 MW, with modular concept to increase throughput up to 180 MW and 500 MW
- Low chemical consumption on the market (2.5 million EUR per year economics by chemical reduction)



SINGULUS covers the main process steps of CIS/CIGS manufacturing



Well Positioned for the Future

Optical Disc

- Excellent products with outstanding technology
- Only one-stop supplier and No. 1 for Blu-ray equipment globally
- Increasing sales of Blu-ray machines – 40 - 50 machines for 2011
- Strong growth for Blu-ray in the next years
- Production know-how for the coming market of rewritable/recordable Blu-ray (BD-RE/BD-R)
- Set for growth and good profitability

Solar

- Well positioned in the growing solar market
- Optical Disc know-how transferred
- SINGULUS AR coating technology for new high performance Si solar cells
- Successful market introduction of selenization furnace with orders about 50 million €
- New wet processing systems introduced 2011 with first orders
- Selling complete systems
- Growing market share in thin-film solar
- Solar segment expected to break-even in 2011

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