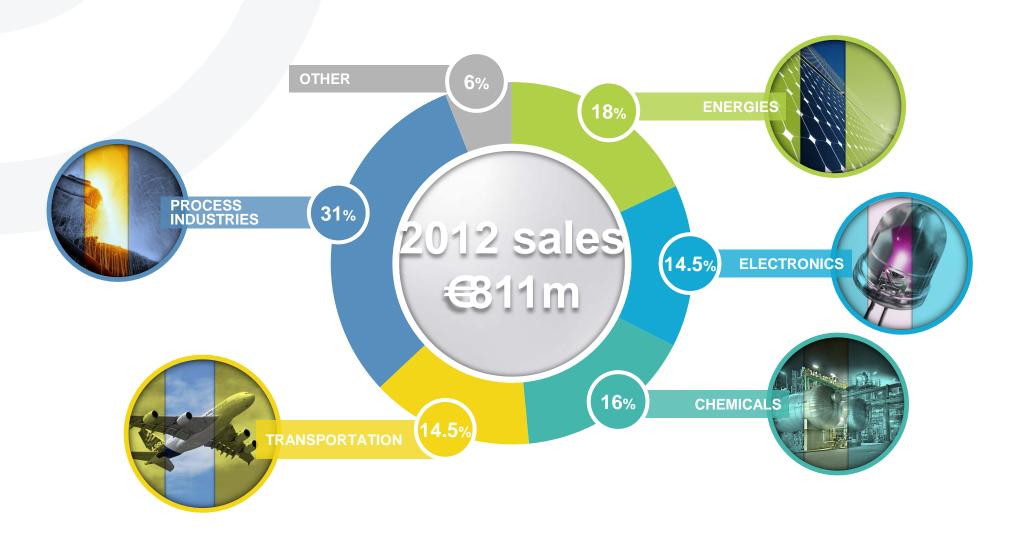
# 2012 FULL-YEAR RESULTS





# MERSEN: EXPOSURE TO 5 MAIN MARKETS





### **2012:** A YEAR OF MIXED ENVIRONMENT

### STRATEGIC MARKETS IN A TRANSITION PHASE



**ENERGIES** 

A year of transition for renewable energies (wind and especially solar)
Solid demand in conventional energies



**ELECTRONICS** 

Contribution from Eldre in power electronics Slowdown in certain investments (power grids and rail transportation) Lower semiconductor production

### **EXPANDING MARKETS**



**CHEMICALS** 

Sabic contract: critical noble metal equipment, customized range
AkzoNobel contract: skids, innovative heat recovery system
Shale gas: HCl manufacturing systems used for drilling



**TRANSPORTATION** 

**Aerospace:** powered by a market enjoying brisk growth (equipment and components for auxiliary motors)



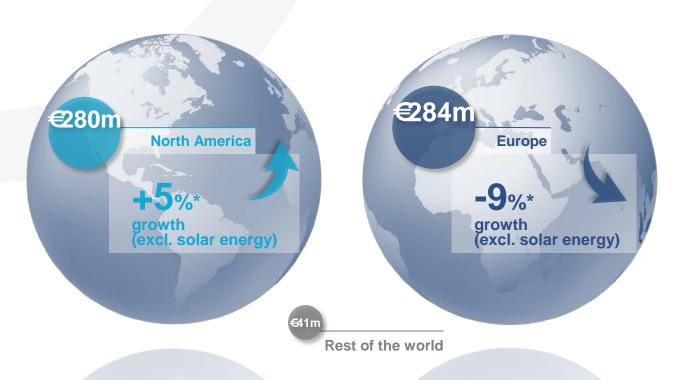
PROCESS INDUSTRIES

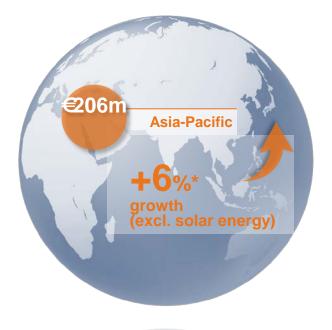
Extraction processes (gas, oil, minerals)

Processing of metals and materials (ceramics, glass, etc.)



# ASIA AND NORTH AMERICA: REGIONS THAT DELIVERED GROWTH IN 2012





United States
Canada
growing excluding solar energy\*

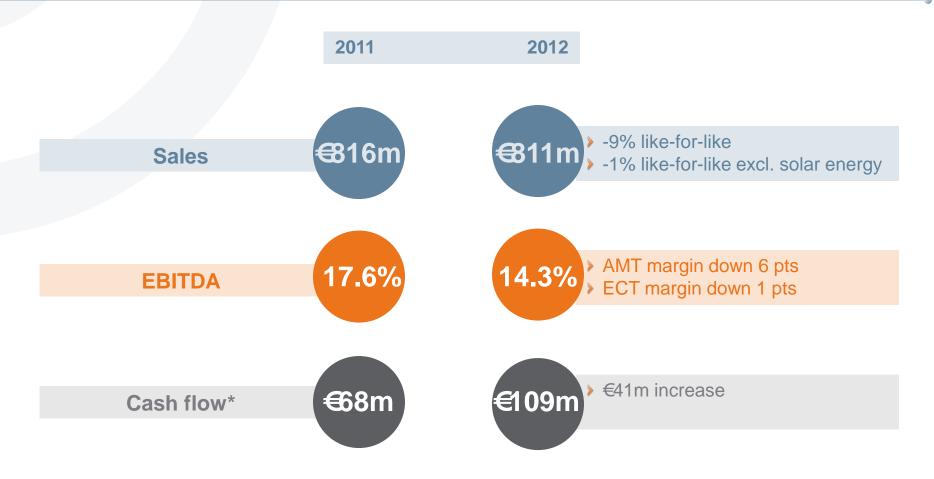
Europe\* France: -12% Germany: -9% China India Japan South Korea growing excluding solar energy\*

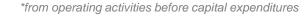
2012 sales

\*On a like-for-like basis excluding solar energy



### **OVERVIEW OF 2012 PERFORMANCE**







# A COMPLEX ENVIRONMENT TO WHICH MERSEN IS ADAPTING

- 1 Further streamlining of production operations
- 2 Selective investments
- 3 Adjustments to current demand
- 4 Streamlining of the business portfolio



# FURTHER STREAMLINING OF PRODUCTION OPERATIONS...

### **United States:**

Relocation of production (mid-2013)
R&D center and marketing to be retained



### Mexico:

Service platform serving distributors Improvement in the logistics chain





### **Germany:**

Further integration of M.Schneider Facility scheduled to close in early 2013



### **Hungary:**

Production platform (joint venture with Hager)

# ...TO BOLSTER COMPETITIVENESS OF THE MANUFACTURING BASE



### **SELECTIVE INVESTMENTS**

Focus investments on expanding regions and strategic markets



- Machining capacity (graphite)
- SiC coating (compound electronics)



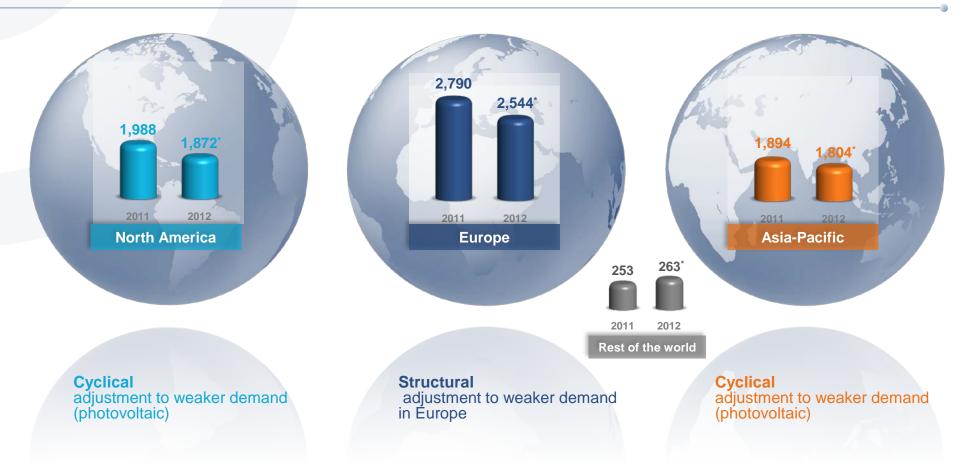
- Busbar production workshop
- > Graphite capacity
- Purification workshop (graphite)

9%\* Europe



<sup>\*</sup> Breakdown of 2012 investments excl. maintenance

### **ADAPTING TO DEMAND**



6% REDUCTION IN THE WORKFORCE IN 2012 CONTINUED EXECUTION OF THE PLAN IN 2013 (FURTHER 3% IN CUTS)

\*Headcount excluding changes in the scope of consolidation



# STREAMLINING OF THE PRODUCT PORTFOLIO: DRIVE TO REFOCUS ON THE CORE BUSINESS

- Businesses concerned by the divestiture project
  - Boilermaking equipment for nuclear power market (1 site in Grésy)
  - Welded plate heat exchangers and stirrers & mixers (1 site in Brignais)



2012 sales: €19m

Headcount: 85

### Why?

- Not a core business for the Material segment (neither high temperature, nor anticorrosion equipment), especially nuclear power
- Lack critical mass in their respective markets: challenging positioning and development prospects





# TRENDS AND OUTLOOK IN TWO STRATEGIC MARKETS





### SOLAR ENERGY: A CONSOLIDATING MARKET

### Mersen's sales in solar energy

(polysilicon, cells and electrical protection product market)



### 2012

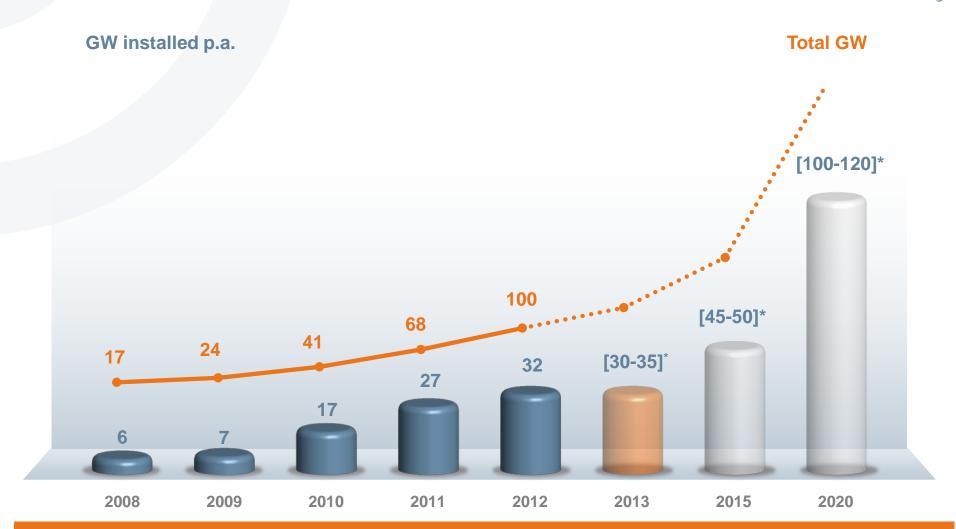
- ─Low utilization rate at solar cell plants
- → Anti-dumping measures introduced in the US, initiated in Europe
- → Deterioration in cell manufacturers' finances
- → Plant closures in Europe and the United States

### 2013

- + Chinese plan to roll out solar energy
- +Low cell inventories at our customers
- → Cutbacks on investments in polysilicon
- → Anti-dumping measures on the way in Europe and in China



# SOLAR ENERGY: INSTALLATIONS CONTINUE AT A RAPID PACE



2012: NEW INSTALLATIONS ACCELERATING IN ASIA (GROWTH OF 150%) AND NORTH AMERICA (140%)
AS EXPECTED, SLOWDOWN IN EUROPE (25% FALL)





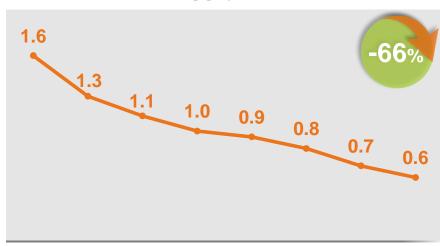
# SOLAR ENERGY: BECOMING INCREASINGLY COMPETITIVE





Q1 2011 Q2 2011 Q3 2011 Q4 2011 Q1 2012 Q2 2012 Q3 2012 Q4 2012

### Module prices USD/W



Q1 2011 Q2 2011 Q3 2011 Q4 2011 Q1 2012 Q2 2012 Q3 2012 Q4 2012

- State of the market improving
- No more subsidy issues in a large number of countries
  - Positive effects from module volumes installed going forward
- Positive for Mersen
  - Strong position in China where 80% of cells are manufactured (graphite, AMT segment)
  - Benefits of Mersen's global network for module installers (electrical protection)

STILL A STRATEGIC MARKET FOR MERSEN

Source: PV Insights



### **ELECTRONICS, A MARKET IN A DEEP CHANGE**

### Mersen's sales in the electronics market

(including power electronics for energy and transportation)



### 2012

- **+** Brisk investments in (VHV and HV) grids
- +Contribution from Eldre
- → Slowdown in investments in power conversion for rail traction
- **⊖**Lower semiconductor production

### 2013

- +Further penetration achieved by new substrates
- **+** Expansion of the power electronics range (Eldre's impact)
- **+**HV and VHV projects in China
- **○Pending investments in large contracts**



# POWER ELECTRONICS: POSITIONING ENHANCED BY ADDITION OF ELDRE

- Acquisition completed in early 2012 (bus bars)
- Broader range of power electronics products
  - Eldre successfully integrated
  - Manufacturing base expanded to China
- Organizational adjustments
  - Sales force dedicated to power electronics
- Improved coverage for customers

### **Commercial successes in power electronics**

Rail: Zefiro (Bombardier) and Pendolino (Fiat) trains

Wind Energy: Siemens Wind Energy

HVDC: Ronxing (China)



# **ELECTRONICS:**STRONG POTENTIAL IN MEDIUM AND LONG TERM

### **Power electronics**

- > Energy efficiency: power conversion (Rail transportation, electric networks)
- Energy storage (Li-ion batteries)
- Fast-expanding markets : data centers, navy, aeronautics, medical

### **Substrates**

- Market driven by growth in mobile communications, networks and the development of energy-efficient solutions (inverter performance)
- Longer-term potential with EV/HEV

STILL A STRATEGIC MARKET FOR MERSEN



### **CHEMICALS: A HIGHLY CONTRIBUTIVE MARKET**



125M€\*

+26% vs 2011 (reported figures) +17% vs 2011 (like-for-like)

- Significant contracts in Asia
  - Organic Chemicals / Plastics
  - Viscose
- Sustained activity in systems
  - In particular, shale gas in the US
- High level of activity maintained in 2013
  - Continued delivery of contracts announced in 2012 (Sabic, AkzoNobel)
  - Significant potential in PVC market in the US
  - Sustained activity in systems, boosted by technology changes in chlorine soda industry



<sup>\*</sup> CA 2012

# FINANCIAL RESULTS

THOMAS BAUMGARTNER CHIEF FINANCIAL OFFICER

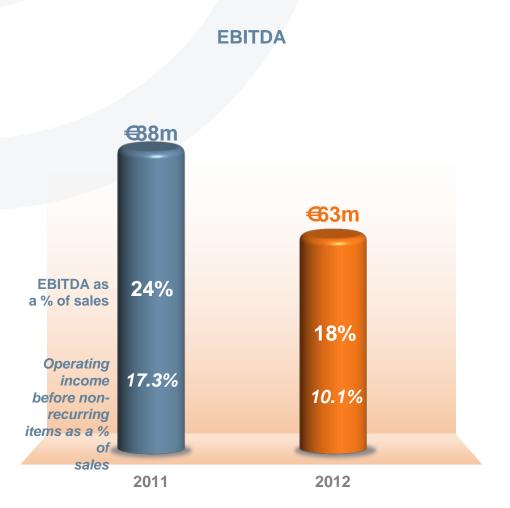


### **2012 SALES**





# ADVANCED MATERIALS AND TECHNOLOGIES: IMPACT OF THE VOLUME CONTRACTION



### Adverse volume effect and sales mix

- Production capacity utilization rate averaging65% during the year
- Unfavorable product mix: larger contribution from lower-margin chemicals business
- Pricing pressures in late 2012
- Positive impact of adaptation plans



# ELECTRICAL COMPONENTS AND TECHNOLOGIES: GREATER RESILIENCE TO VOLUME CONTRACTION





- Negative volume effects
- Pricing power (prices maintained amid tough conditions)
- Positive impact of the adaptation plans



### TREND IN EBITDA

As a %	
2011 EBITDA margin	17.6%
Volume/mix effects	-3.6%
Net impact of prices and raw material costs	-0.5%
Impact of adaptation plans net of inflation	+0.7%
Impact of currency effects and changes in scope	+0.1%
2012 EBITDA margin	14.3%



### **ADAPTATION PLAN**

# €17m savings in 2012

## Initial benefits of adaptation measures

- Business relocations
- Streamlining of production operations
- Workforce reductions

### **Procurement savings**

- Redesign to cost
- Sourcing
- Integration of suppliers in productivity plan processes

### **Cost savings**

- > Travel expenses
- Professional fees

60% FIXED COSTS
40% VARIABLE COSTS

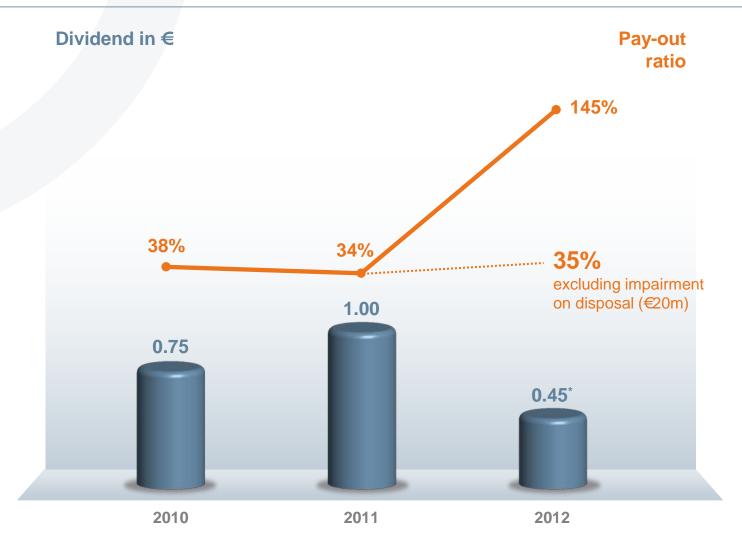


### **NET INCOME**

€m	2011 pro forma	2012	
Operating income before non-recurring items	107	<b>76</b>	
% of sales	13.1%	9.4%	
Non-recurring income and expense	(4)	(11)	Restructuring, as anticipated
Amortization of intangible assets	(1)	(1)	
Net finance income/(costs)	(10)	(13)	Increase in average net debt and maturity
Income tax	(30)	(17)	Effective tax rate of 33%, as in 2011
Net income from continuing operations	62	34	
Loss from assets held for sale and discontinued operations	(3)	(28)	Plan to dispose of non- core assets
Net income	60	6	
Net income attributable to Mersen's shareholders	57	6	



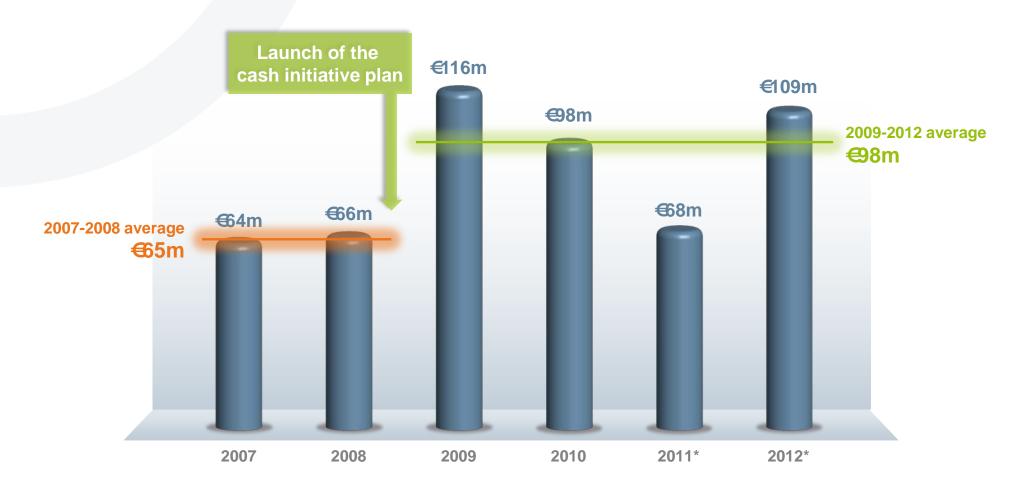
### PAYOUT RATIO MAINTAINED, DESPITE TOUGH CONDITIONS





### SUBSTANTIALLY IMPROVED CASH FLOW PROFILE

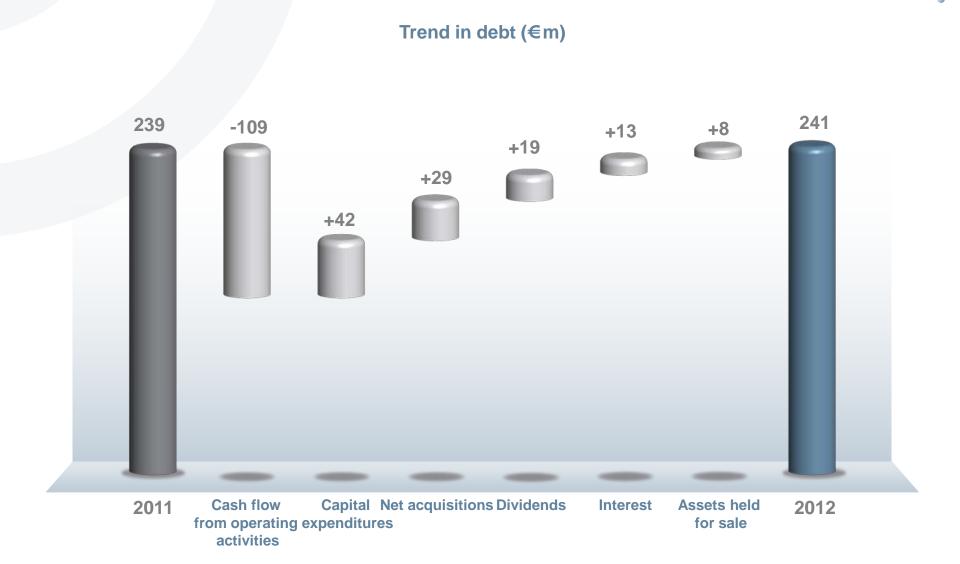
**Cash flow from operating activities before capital expenditures** 





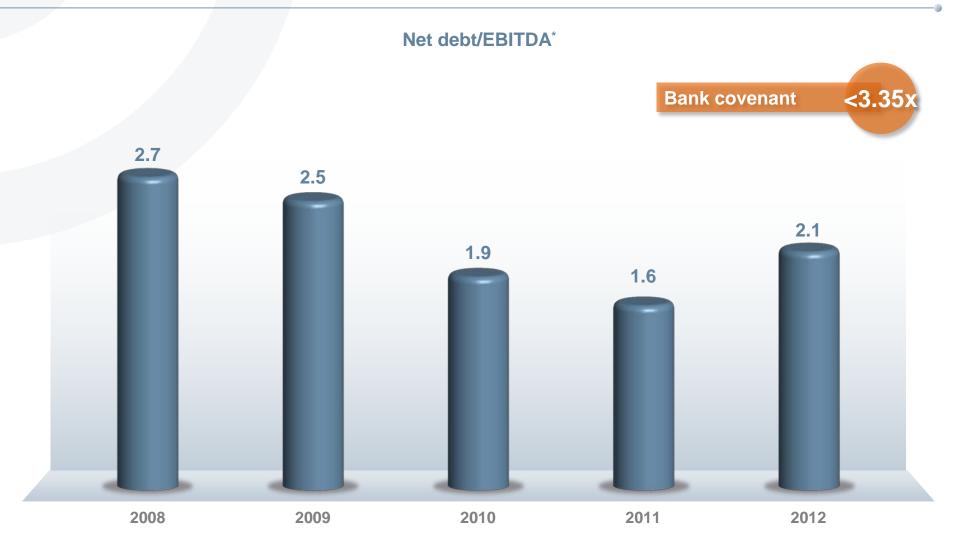
<sup>\*</sup> From continuing operations

# STABLE NET DEBT AFTER ACQUISITIONS AND CAPITAL EXPENDITURES





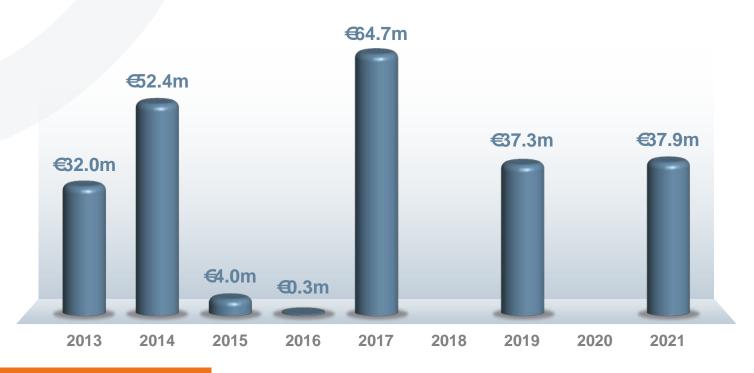
### SOLID FINANCIAL STRUCTURE







# REPAYMENT PROFILE OF CONFIRMED CREDIT LINES\*



Average life of 4.6 years

Available lines (€183m) cover repayments due in the short term



# OUTLOOK

LUC THEMELIN
CHAIRMAN OF THE MANAGEMENT
BOARD



### **OUTLOOK FOR 2013**

### **Business**

- Start of yearon a par with H2 2012trends
- Recovery anticipated in second half

### Costs

- Benefits of restructuring
- Savings plans
- Pricing pressures and unfavorable product mix in AMT segment

### **Cash flow**

- End of cycle of capacity investments
- Lower investments, focused on expanding markets /regions
- Continued implementation of the Cash Initiative plan

SALES COMPARABLE WITH 2012 LEVEL

**EBITDA Margin of Around 14%** 

**OPERATING MARGIN\* OF AROUND 9%** 

Mersey

# BUSINESS MODEL OPTIMIZED TO DELIVER GROWTH AND PROFITABILITY

### **Optimized operational profile**

- Adjustments to demand
- Streamlining of production operations
- Swift response by teams
- Finalization of disposal projects underway

### **Balanced financial profile**

- Ability to generate cash flow
- Solid finances, lengthy debt maturity

A TECHNOLOGICAL LEADER WITH STRENGTHS THAT SET IT APART

