

### Full-year 2005 results

March 15, 2006





# Streamlined organisation, higher earnings

# A stronger Group, growth momentum



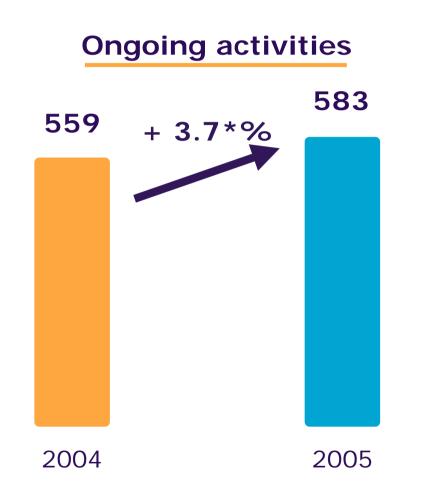
Streamlined organisation, higher earnings

<b>Operational income</b> :	+ 32%
Net income:	+31%
Gearing:	0.51

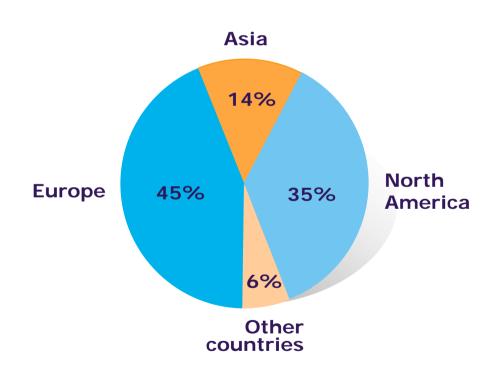


NB: ongoing activities



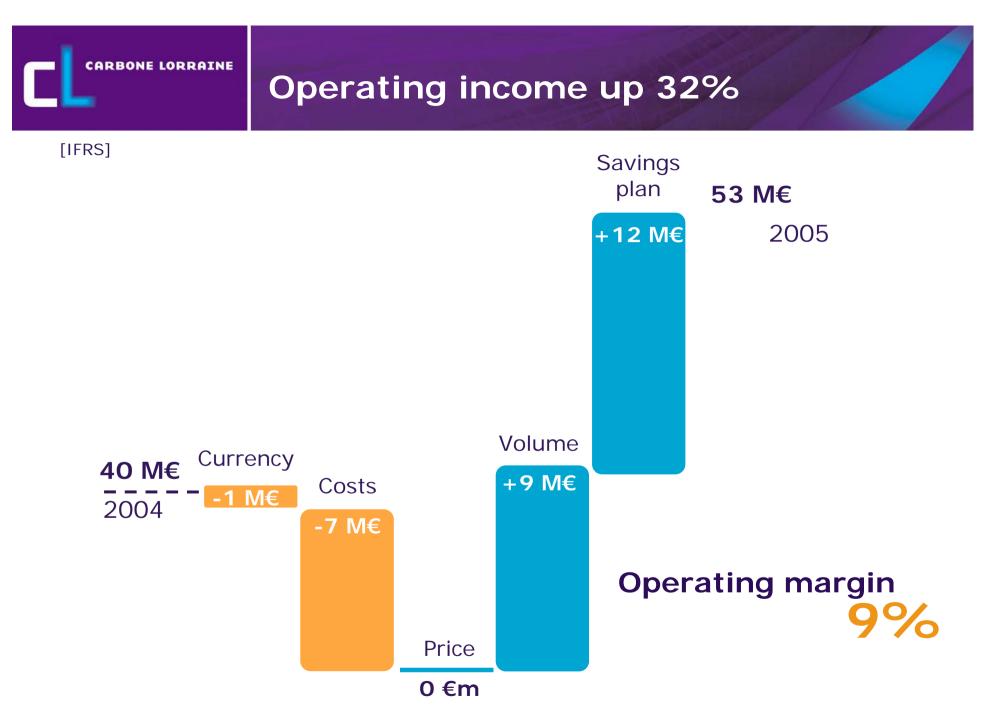


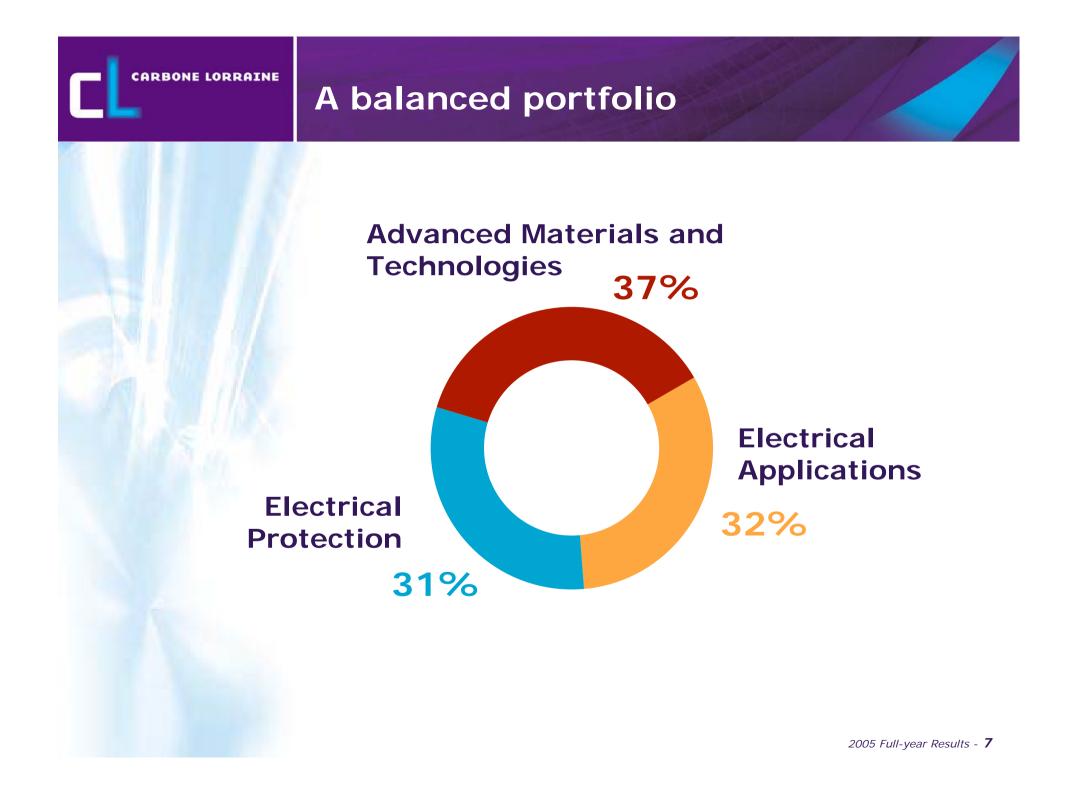
#### Geographic breakdown Sales 2005





2005 Full-year Results - 5





# **Advanced Materials and Technologies**



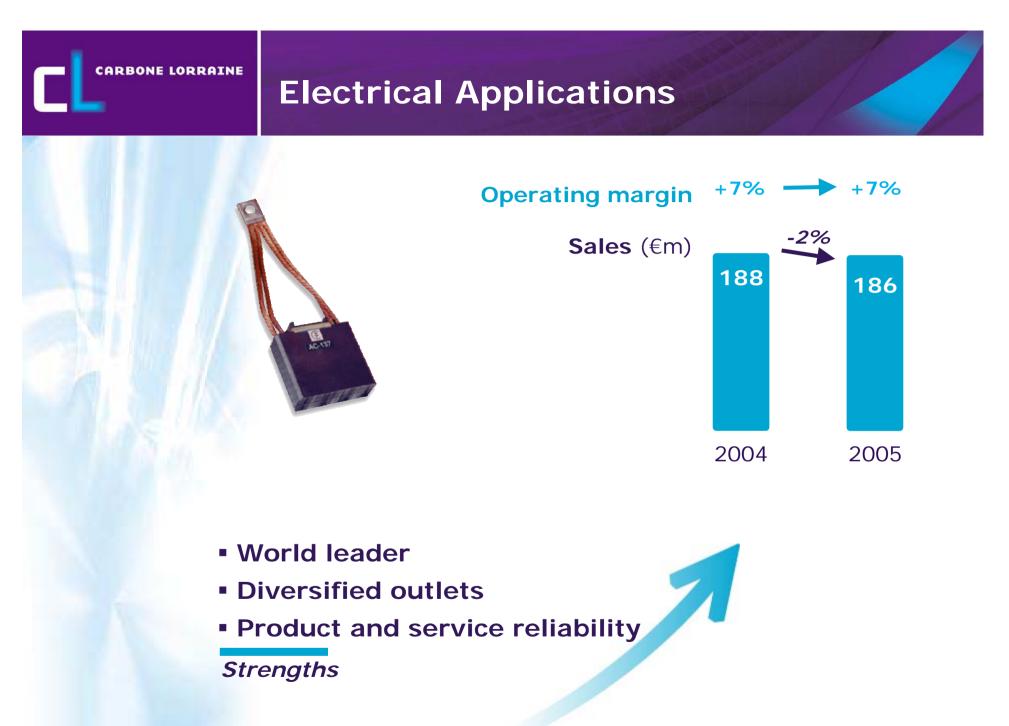


- Technical expertise
- Fast-expanding markets
- Lowest production costs

Strengths

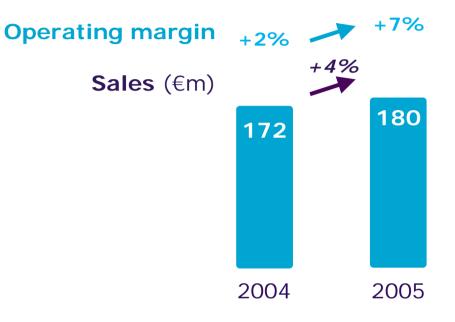


CARBONE LORRAINE









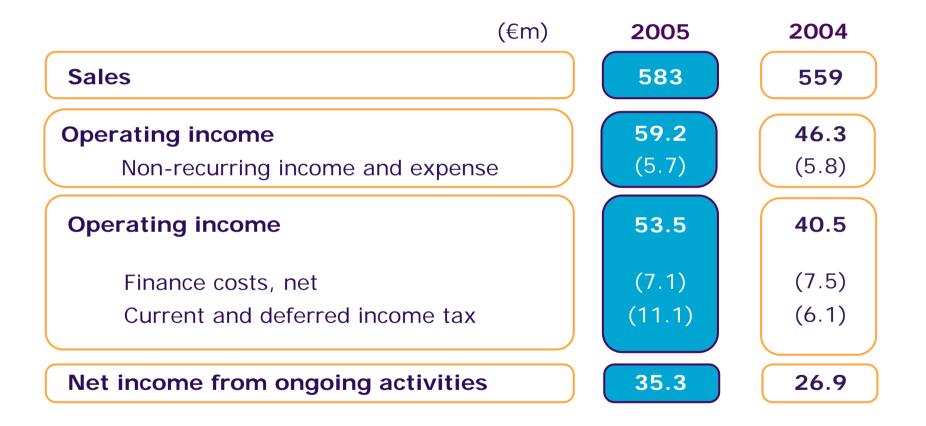
- Number two worldwide
- Streamlined manufacturing base
- Technical lead
- Strengths

CARBONE LORRAINE

# Net income from ongoing activities

[IFRS]

CARBONE LORRAINE





	(€m)	2005	2004
Net income from ongoing activitie	es	35.3	26.9
Net income from assets held for s discontinued operations	ale /	(12.8)	(7.1)
Net income		22.5	19.8

# Dividend €0.70



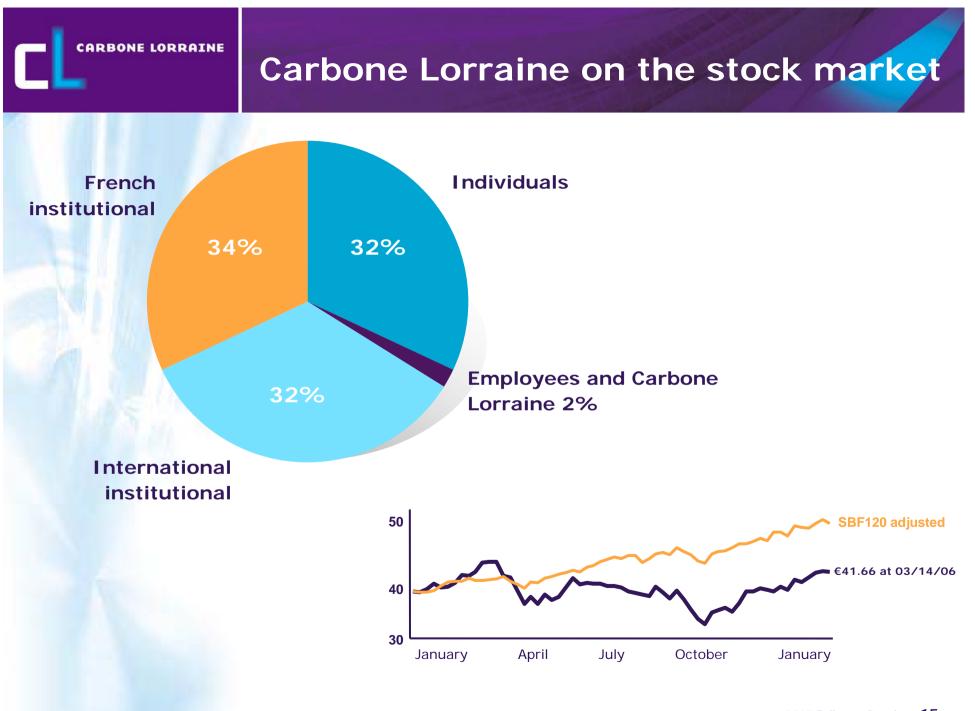
[IFRS]

	2005	(€m) <b>2004</b>
Operating activities	2005	2004
Cash flow Change in the WCR Tax	69.8 (8.3) (8.7)	47.3 (12.8) (6.2)
Cash flow	52.8	28.3
nvesting activities		
Increase in PPE Increase in financial assets Disposals of non-current assets	(24.5) (29.6) 3.0	(19.7) (15.5) 7.5
Cash flow	(51.1)	(27.7)
Cash flow before financing activities	1.7	0.6

CARBONE LORRAINE

#### **Balance Sheet**

[IFRS] (M€) 2005 2004 Non-current assets 374 332 142 136 Working capital requirement Deferred tax 23 22 Net assets held for sale/discontinued 4 Total assets 543 490 Equity 295 255 **Provisions** 49 60 Employee benefits 47 50 **Financial instruments** 2 Net debt 150 125 **Total equity and liabilities** 543 490 Net debt/equity 0.51 0.49



2005 Full-year Results - 15



## **Outlook for 2006**

- Favorable economic conditions in North America and Asia
  - Expansion in promising markets
  - Stable conditions in Europe
- High costs of raw materials

#### Earnings growth again in 2006



# A stronger Group, growth momentum





Major projects: CL Clad<sup>®</sup> and Brand Labeling

Isolor<sup>®</sup>: insulation for electronics

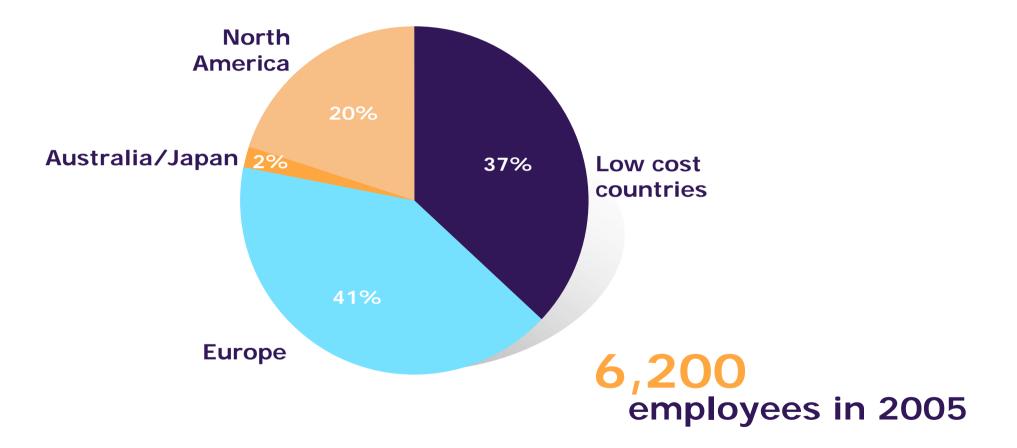
**BBPL**: protection for IT networks

#### **Dedicated Innovation, Dedicated Partner**



## **Operational excellence**







# **Operational excellence**

**Customer service** 

Expert team network

New partnerships with customers

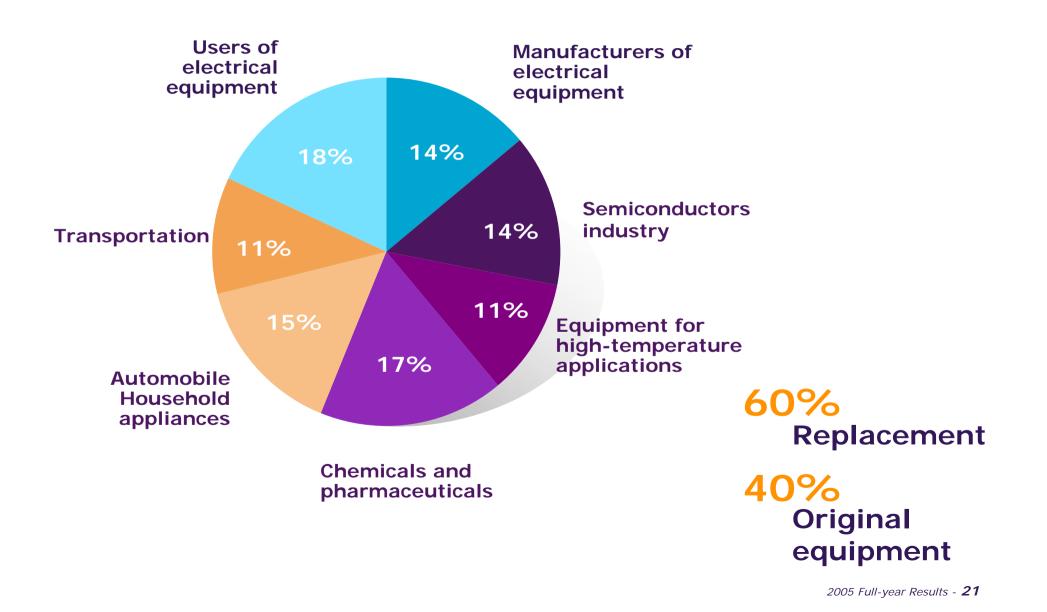
Innovative after-sales service

#### Customers at the heart of our strategy

CARBONE LORRAINE

# Profitable growth

#### Diversified markets





14 %

## Profitable growth Promising markets (1/4)

Manufacturers of electrical equipment

Carbone Lorraine's product offering

Brushes

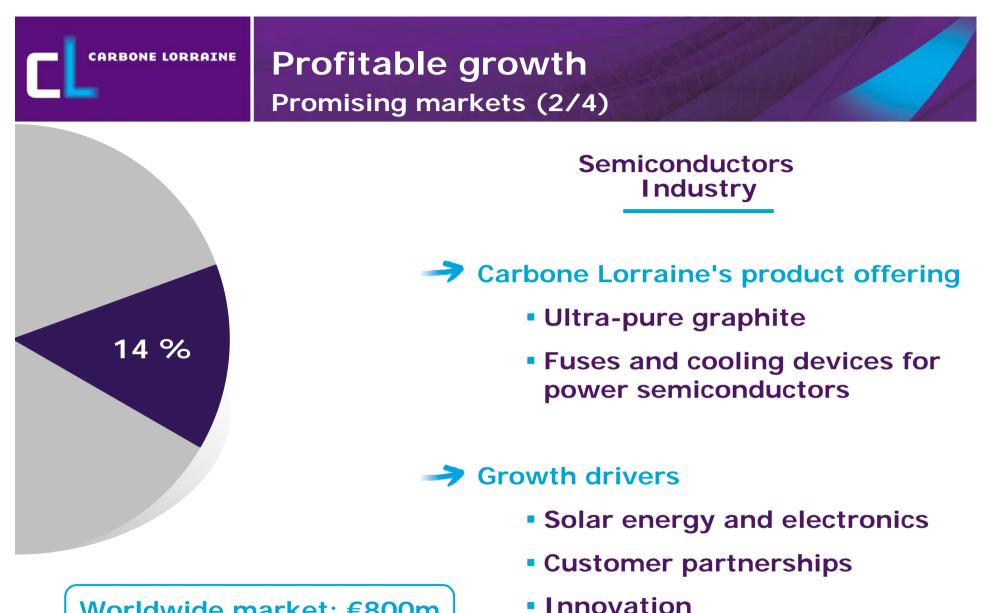
Fuses

Cooling devices, circuit breakers

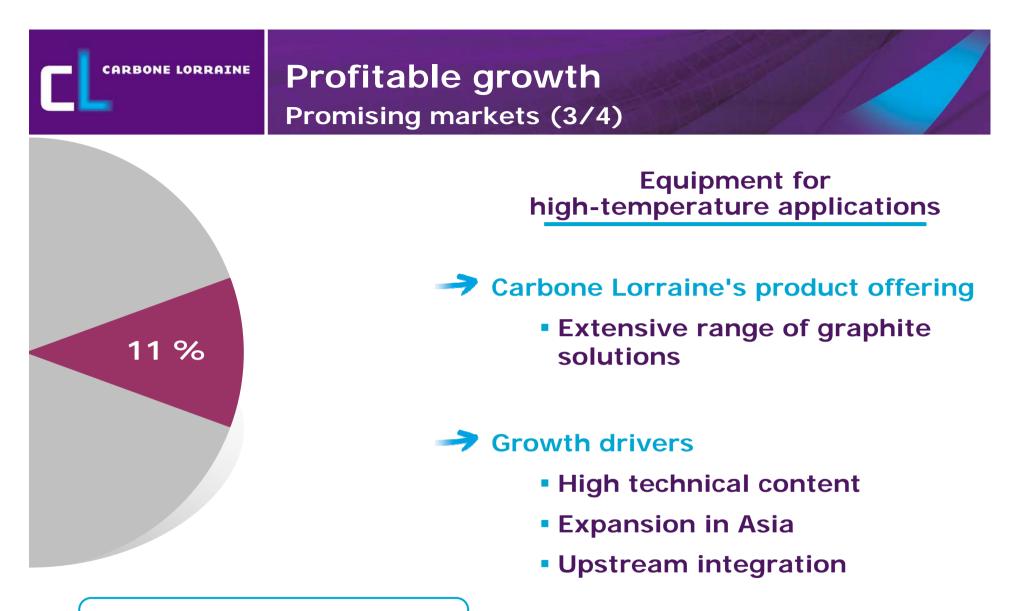
Growth drivers

- Customer partnerships
- Technological lead
- Expansion in Asia

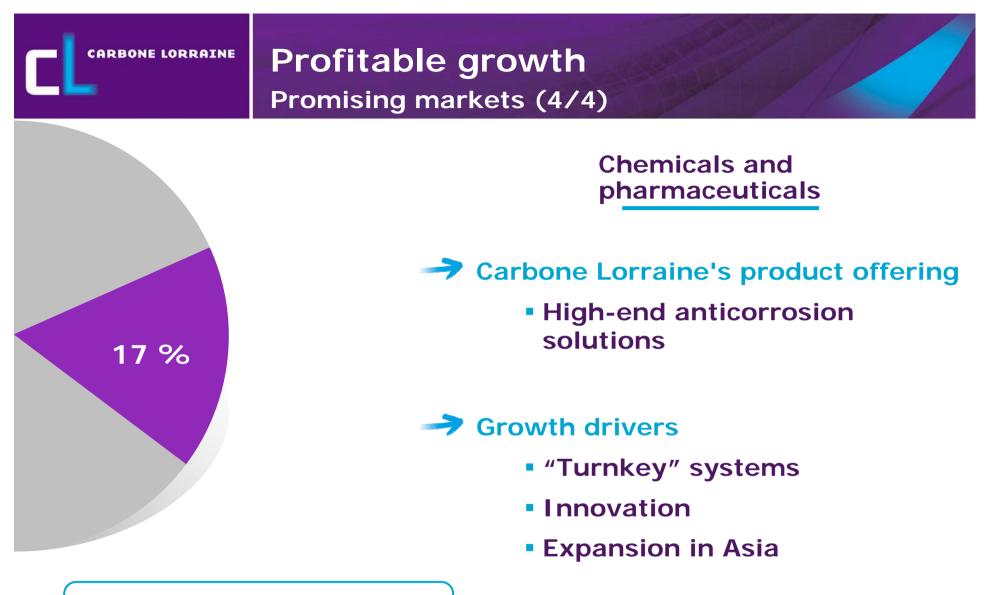
Worldwide market: €600m Growth: +3%



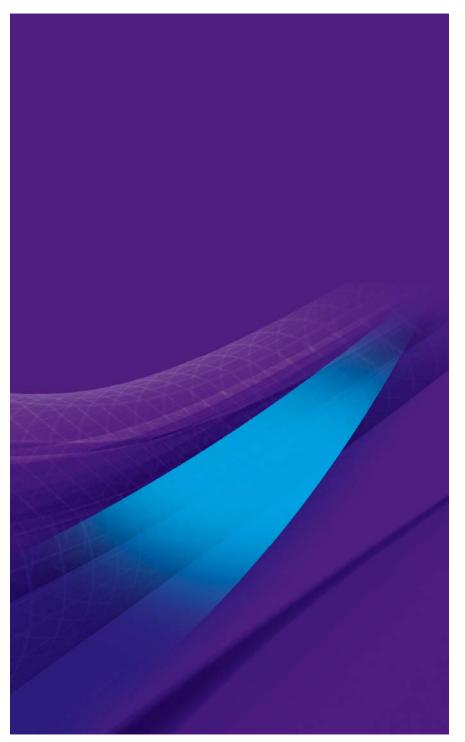
Worldwide market: €800m Growth: >7%



Worldwide market: €500m Growth: +4%



Worldwide market: €800m Growth: +3%



Major projects Asia CL CLAD® Modulostar®



# Profitable growth Major projects

#### **HIGH-TEMPERATURE APPLICATIONS PROJECT IN ASIA**

- Graphite block plant in Chongqing
- Expansion of the machine shop

Project

- Market: €300m
- Five-year target: market share of 15%
- Investment: €40m

Key figures

2005 Engineering H1 2006 Civil engineering H2 2006 Equipment assembly Q1 2007 Production



# Profitable growth Major projects

#### CL CLAD<sup>®</sup> PROJECT



High-end, low-cost anticorrosion material

Project

- Market: €300m
- Five-year target: Market share of 15%
- Investment: €7m

Key figures

H1 2006 Equipement assembly H2 2006 Production CARBONE LORRAINE

# Profitable growth Major projects

#### **MODULOSTAR® PROJECT**

 New range of fuses and fuseholders sold under our own and our partners' brand names

Project

- Market: €30m
- Five-year target: 40% market share
- Investment: €3m

Key figures

2005 Manual production H1 2006 Automated equipement assembly H2 2006 Automated production





## Profitable growth Acquisition-led growth

- Selective acquisitions:
  - Generating organic growth
  - Profitable in the short term

#### **Stronger momentum in 2006**



# Conclusion





# Appendix



CARBONE LORRAINE

# **IO French Gaap restated**

	2005			2004		
	Sales	OI 🤤	%01/sales	Sales	ΟΙ	%01/sales
Advanced Materials & Technologies	217	40.7	18.7%	200	35.0	17.5%
Electrical Applications	186	18.2	9.8%	188	19.8	10.6%
Electrical Protection	180	14.8	8.2%	172	7.4	4.3%
Magnets	72	1.4	1.9%	77	1.7	2.2%
Corporate overheads		(11.9)			(11.3)	
Total Group	655	63.2	9.6%	636	52.6	8.3%



11%

# Profitable growth Promising markets

#### Transportation

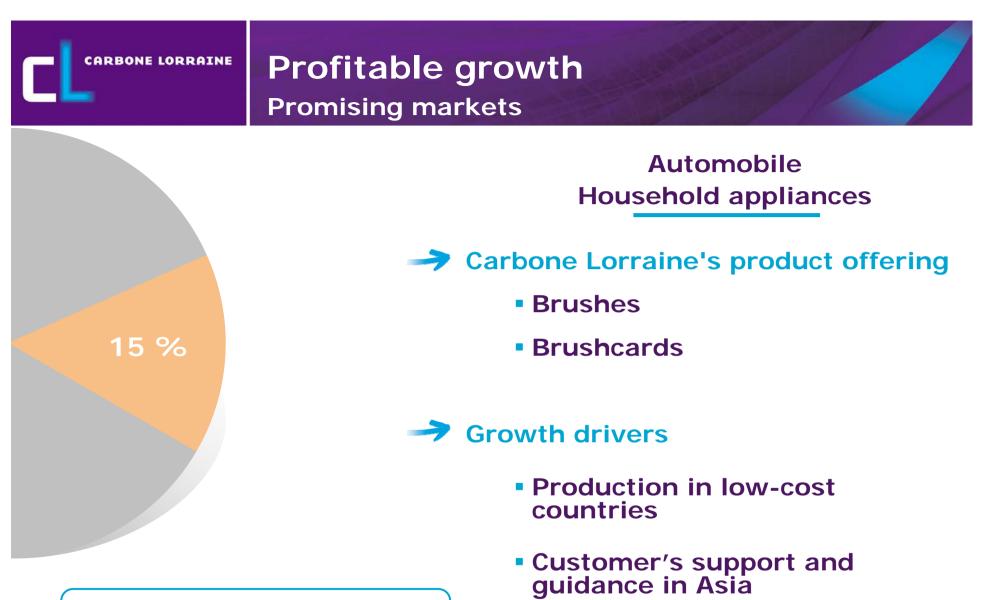
Carbone Lorraine's product offering

- High-energy braking
- Brushes for rail traction
- Electrical protection for rail

#### Growth drivers

- Expansion of high-speed train network
- Expansion of urban transports
- Expansion of marketing coverage

Worldwide market: €900m Growth: +4%



# Market excl.Asia: €500m Growth: 1%

Technical innovation



18 %

## Profitable growth Promising markets

# Users of electrical equipment

Carbone Lorraine's product offering

- Brushes for industrial motors
- Industrial fuses

#### Growth drivers

- Local coverage
- Technical expertise
- Reactivity and quality of service

Worldwide market: €700m Growth: 2%