



Exane BNP Paribas 6th Basic Materials Seminar

Continuously Improving.

LeadIng.

THE LINDE GROUP

London, 23 March 2011 Georg Denoke Member of the Executive Board and CFO This presentation contains forward-looking statements about Linde AG ("Linde") and their respective subsidiaries and businesses. These include, without limitation, those concerning the strategy of an integrated group, future growth potential of markets and products, profitability in specific areas, the future product portfolio, anti-trust risks, development of and competition in economies and markets of the group.

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Agenda



- 1. 2010 Operational and Financial Performance
- 2. Strategic Focus:
 - Growth Markets
 - Energy / Environment
 - Healthcare
- 3. Outlook

Appendix



Group sales and profit on record level

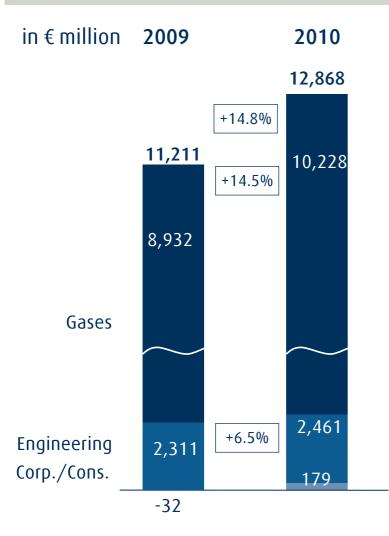
Group sales up 14.8% to \leq 12.868 bn Group operating profit increased by 22.6% to \leq 2.925 bn Operating margin up by 140 bp to 22.7%, Gases operating margin further improved to 27% Strong operating cash flow further improved by 13.1% to \leq 2.422 bn Net debt down by \leq 622 m to \leq 5.497 bn

Double-digit earnings growth driven by recovery and our HPO initiatives Growth markets keep their strong momentum, led by Greater China Mature regions in Western Europe and the US also show improvements HPO savings support improvement of operating margin

Outlook

New mid-term targets launched for 2014

Group, sales by Divisions Recovery above pre-crisis level proves potential of our set-up



Gases Division

- Comparable* sales increase of 5.7%
- Demand recovery visible in all product areas

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 Ongoing currency support from weaker Euro: major translational effects on AUD and ZAR

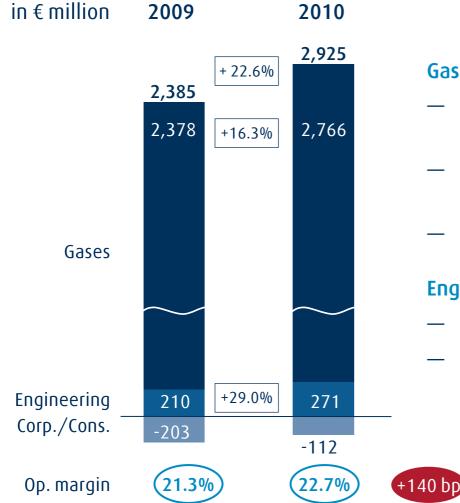
Engineering Division

- Sales above last year's level
- Execution of order backlog fully on track

*excluding currency, natural gas price and consolidation effects

Group, operating profit by Divisions Continuous strong margin performance in all Divisions





Gases Division

- Operating profit 16.3% above 2009
 (14.4% above record year 2008)
- Further profitability improvement with full year margins up by 40 bp to 27.0%
- Successful continuation of HPO

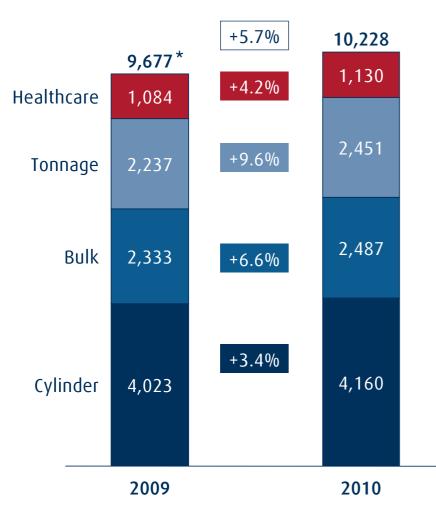
Engineering Division

- Margin of 11.0%, ahead of our 8% target
- Strong margin performance driven by successful project execution

Gases Division, sales by product areas Balanced mix as basis for growth

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in € million, comparable* (consolidated)



Healthcare continuous growth

— The Mega-trend continues with clear growth opportunities

Tonnage sales above year 2008 record level

- Strong growth of take-or-pay contracts
- Continuous contribution from project ramp-ups
- Increased opportunities in particular in Growth Markets

Positive performance of the merchant business

- Solid growth in bulk business
- Late cyclical cylinder business growth gains speed

*excluding currency, natural gas price and consolidation effect

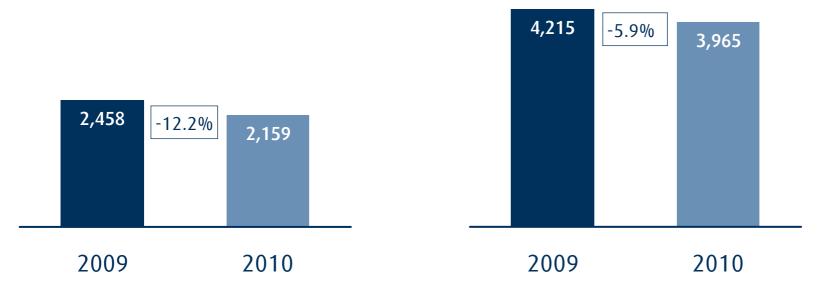
Engineering Division Order backlog remains high at € 4 bn



- Q4 order intake of \in 621 m shows the engineering business further recovers
- Order backlog remains high with almost € 4 bn and an increased number of midsize and also smaller projects

Order intake € 2,159 million

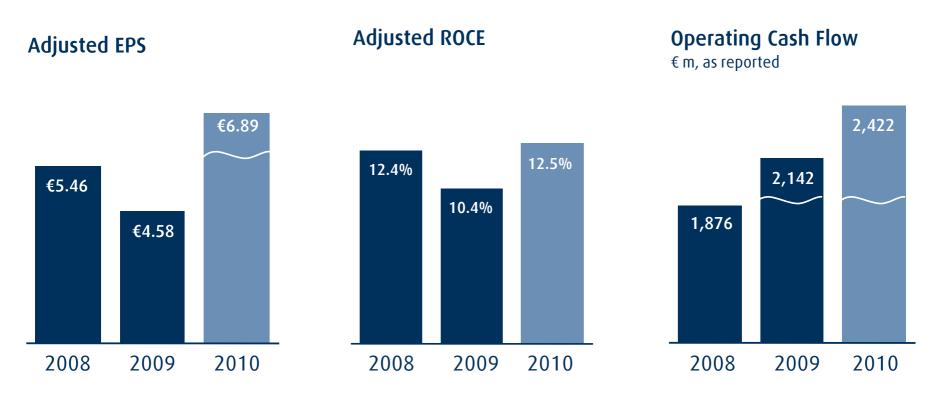
Order backlog Successful project executions





Further improvement in all our three key financial indicators

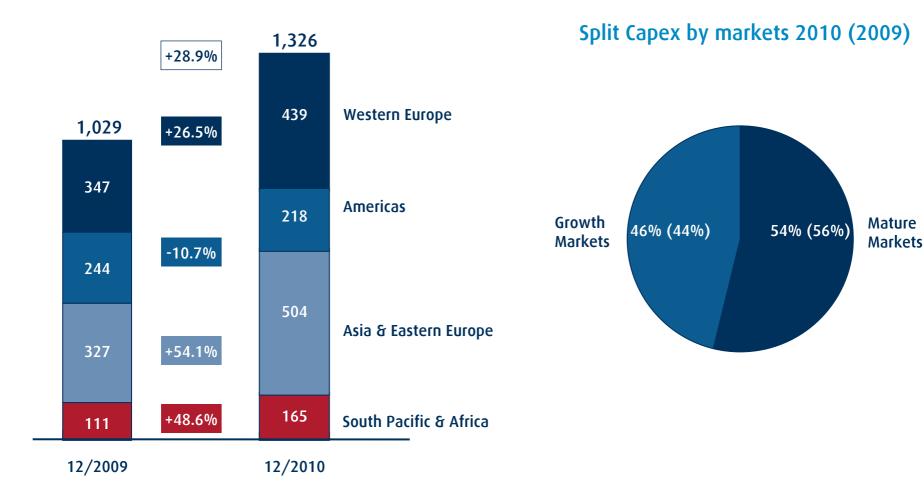
- Profitable growth for our shareholders: adjusted EPS and adjusted ROCE
- Strong cash flow generation further improved: OCF up by 13.1%



Gases Division Split of Capex by operating segment



in € million

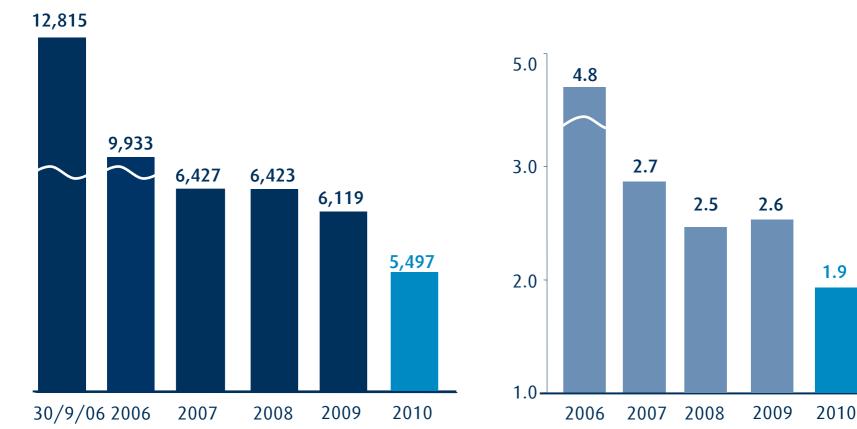


Group, solid financial position Successful execution of our de-leveraging schedule

- 2010 Net debt/EBITDA ratio of 1.9x
- Rating upgrade by S&P and Moody's towards A- and A3 respectively, both with stable outlook

Net debt in € bn

Net debt/EBITDA



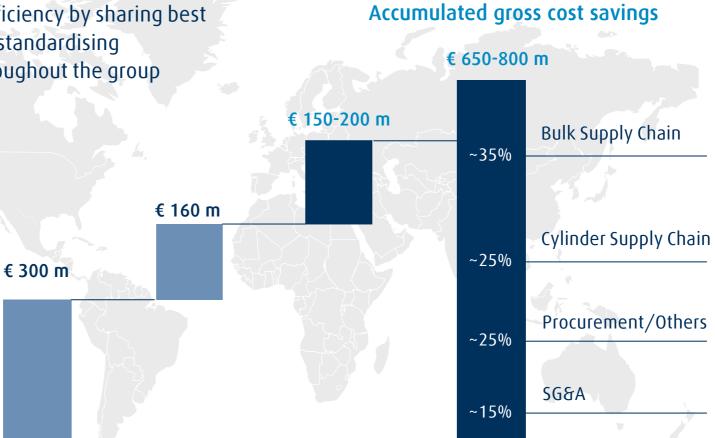
HPO (High Performance Organisation) Covering the full value chain in all regions



- Successful start and continuation with savings of ~ € 460 m
- Increase of efficiency by sharing best practices and standardising processes throughout the group

2009

2010



2011

2012

Agenda



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Mega-trends Leveraging growth with our Gas & Engineering set-up



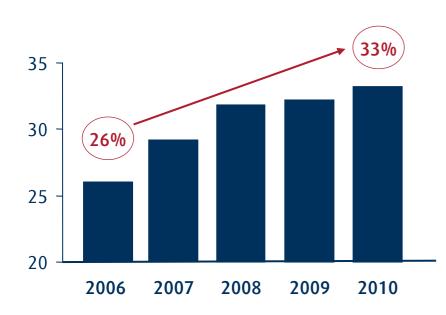


Leveraging Gases & Engineering business synergies

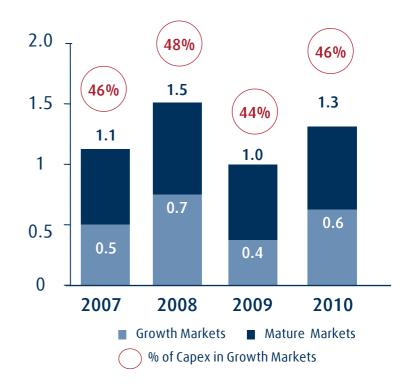
Mega-trend Growth Markets Growth trend leveraged by strong investment decisions

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Growth market sales, excl. JVs (% of total Gases sales)



Gases Capex 2007 – 2010 in € bn



Further increasing footprint in Growth Markets Nearly half of Capex allocated to Growth Markets

Mega-trend Growth Markets Additional industrial gases market 2010 vs. 2020 in € bn



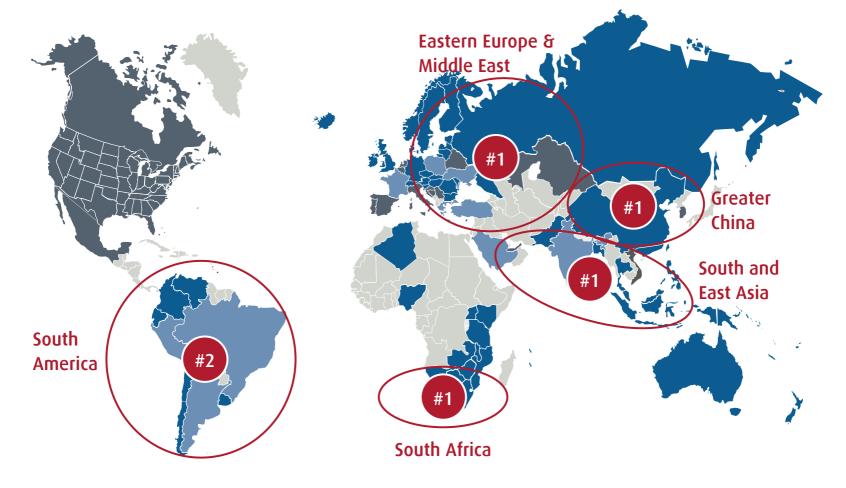


Source: Linde database, figures excl. Equipment, healthcare and major impact out of future growth markets of the energy/environment sector

Mega-trend Growth Markets LeadIng Gases set-up in local growth markets



Market leader in 4 out of 5 Growth Markets

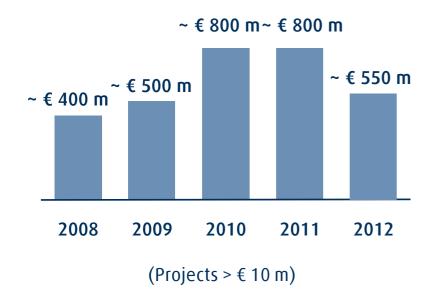


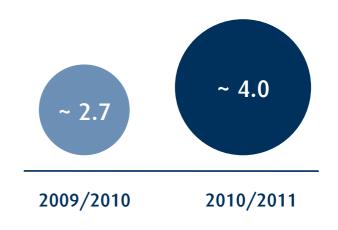
Gases Division, project pipeline Good basis for sustainable growth



- € 3 bn investments between 2008-2012 (thereof \in 0.6 bn in JVs @ share)
- Project amount 2012 further increased to € 550 m
- Close to 70% of total project-Capex allocated to Growth Markets
- Increasing number of project opportunities with a large portion in Growth Markets

Project amount by on-stream date (incl. JVs) Project opportunities amount 12 months forward in € bn

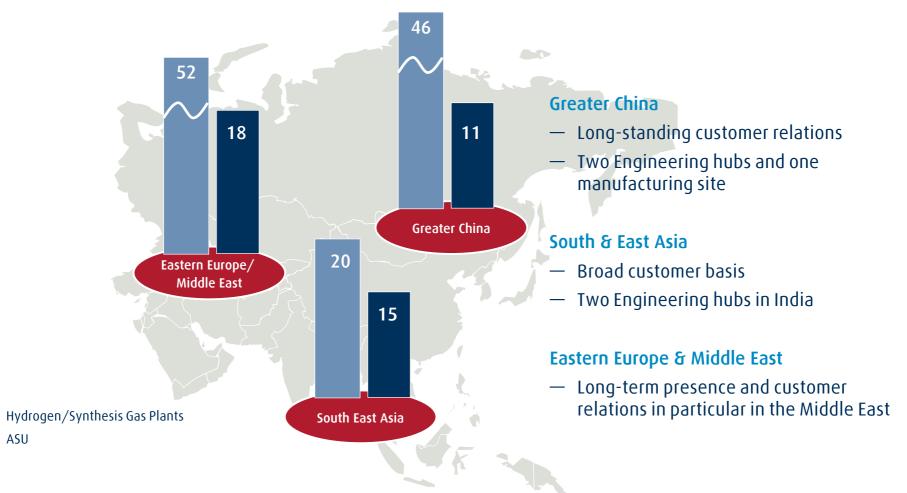




Mega-trend Growth Markets Long-term Engineering footprint in Asia enables growth

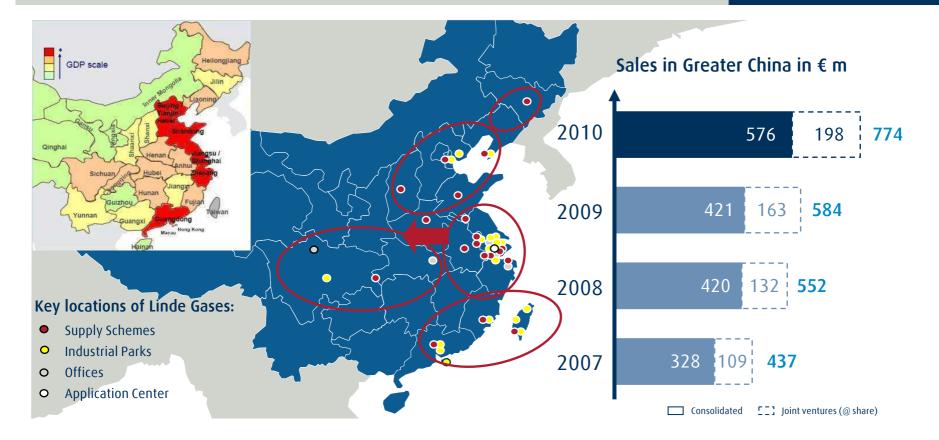


Number of ASU and hydrogen/synthesis gas plants sold by Engineering in Middle East and Asia to external customers since the year 2000*



Mega-trend Growth Markets Leading player in Greater China





- First international gases company in China in the 1980s
- Over 4,000 employees / around 50 wholly-owned companies and JVs / around 150 operational plants
- Serving pillar industries chemical, oil & petrochemicals, metallurgy, manufacturing, electronics
- Industry-leading remote operations center, nation wide monitoring capabilities based in Shanghai

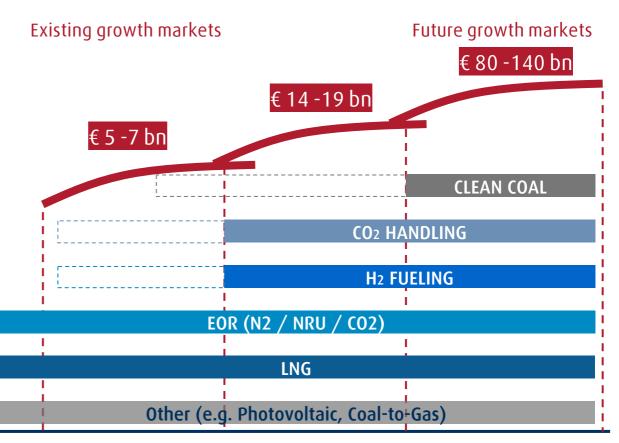
Mega-trend Growth Markets Leading player in Greater China





Mega-trend Energy/Environment Potential Energy/Environment market is huge

- Competitive advantage due to LeadIng
 Engineering know-how and in particular also development of equipment
- Better use of fossil resources, e.g. enhanced oil & gas recovery
- Renewable energy, e.g. hydrogen fueling
- Clean Energy, e.g. Clean Coal
- Other, e.g.
 Photovoltaic,
 Coal-to-Gas



2020

*Assuming 100% Build Own Operate and excluding sale of equipment and plants 2015
Annual market revenue in the respective year
Pilot projects and small volumes

(Please find assumptions for estimates on page 50)

2030

Energy/Environment annual market revenue estimates in € bn*

Mega-trend Energy/Environment Clean Energy development trends



Example: LNG-terminal Sweden



High market potential for merchant LNG:

- No natural gas pipeline grid on the Swedish East coast
- Swedish government focused on renewable energy with LNG as bridge technology
- LNG replaces LPG, light and heavy fuel oil
- LNG attractive as fuel for transportation to reduce sulphur and NOx emissions
- Supply provided by customer of Engineering Division in Norway



World's largest biofuel plant producing LNG from landfill gas:

- Plant has produced > 2 m gallons LNG since start-up in 2009
- Fuel for around 300 refuse trucks
- Carbon emission reduction by 97% compared to diesel and 95% compared to pipeline natural gas
- 2010 California Governor's
 Environmental and Economic
 Leadership Award



Reduction of CO₂ Emission by 170k tons per annum:

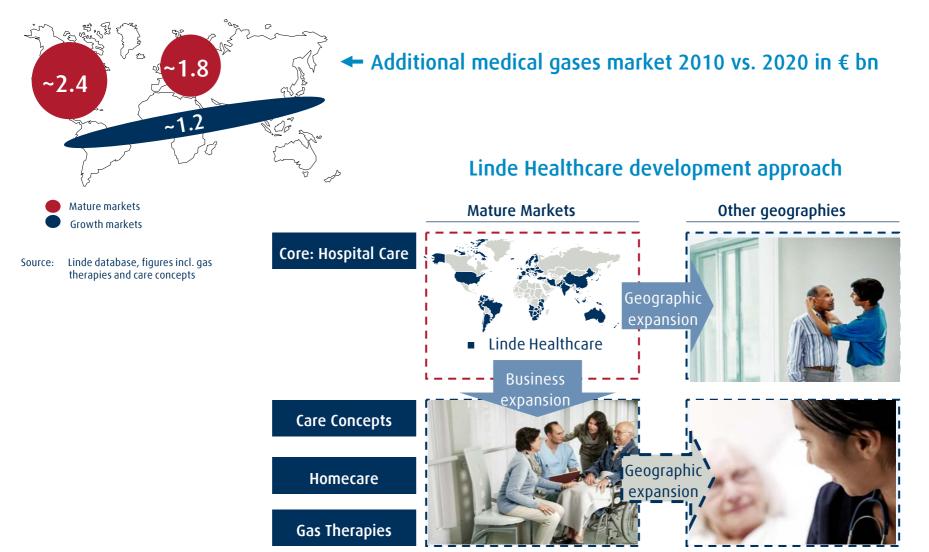
- Replacement of CO₂ generated by gas furnaces with CO₂ from a Shell refinery
- 85 km transportation pipeline with
 150 km of distribution lines
- Prevents combustion of 95 million cubic metres of natural gas

Future growth markets

Existing growth markets

Mega-trend Healthcare Growth through innovation and regional expansion





Agenda

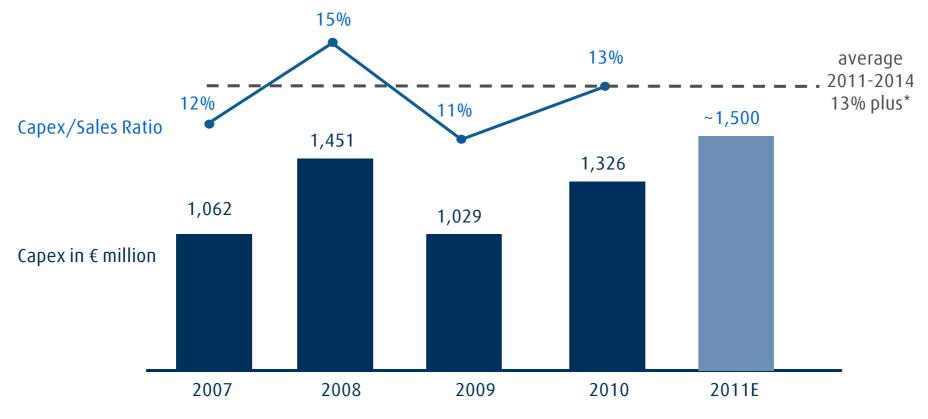


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Gases, Capex Development Capex Sales Ratio 2007 - 2010





Data 2007-2010 @ actual average fx rates at the end of the respective year;

* plus: additional potential for mega-projects

Outlook



2011	Group	 Growth in sales and operating profit vs. 2010 Confirmation of HPO-programme: € 650-800 m of gross cost savings in 2009-2012
	Gases	 Sales increase vs. 2010 Operating profit to grow at a faster pace than sales
	Engineering	 — Sales at the same level as in 2010 — Operating margin of at least 8%

2014	Group*	 — Operating profit of at least € 4 bn — Adjusted ROCE of 14% or above
	Gases	 Average capex/sales ratio 13% plus Revenue increase above market growth Further increase in productivity

Summary Continuously Improving.



New record levels achieved in 2010

Group sales and profit on record levels Group operating margin and Gases operating margin further improved Strong operating cash flow further improved Net debt reduced to € 5.5 bn (Net debt/EBITDA ratio of 1.9x) Proposed increase of dividend by 22.2% to € 2.20

Competitive set-up for sustainable profitable growth

Strong market position in Growth Markets Leveraging business synergies of Gases & Engineering Focus on Mega-trends Energy/Environment and Healthcare Based on sustainable cash flow generation and solid long-term financing Implementation of High Performance Organisation on track Well prepared for realisation of growth potentials

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 - Growth Potential Mega-trends
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Appendix

Group, FY 2010 Key P&L items



in € million	2009	2010	Δ in %
Sales	11,211	12,868	14.8
Operating Profit	2,385	2,925	22.6
Margin	21.3%	22.7%	+140bps
EBIT before PPA depreciation	1,460	1,933	
PPA depreciation	-293	-254	
EBIT	1,167	1,679	
Financial Results	-329	-280	
Taxes	-185	-335	
Net income – Part of shareholders Linde AG	591	1,005	
Net income adjusted	772	1,167	51.2
EPS in €	3.51	5.94	
EPS in € adjusted	4.58	6.89	50.4

Group, Q4 2010 Key P&L items

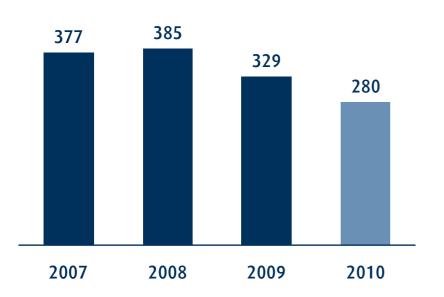


in € million	Q4/2009	Q4/2010	Δ in %
Sales	2,898	3,463	19.5
Operating Profit	644	780	21.1
Margin	22.2%	22.5%	+30bps
EBIT before PPA depreciation	381	509	
PPA depreciation	-72	-63	
EBIT	309	446	
Financial Results	-82	-50	
Taxes	-30	-80	
Net income – Part of shareholders Linde AG	174	307	
Net income adjusted	203	342	68.5
EPS in €	1.04	1.81	
EPS in € adjusted	1.20	2.01	67.5

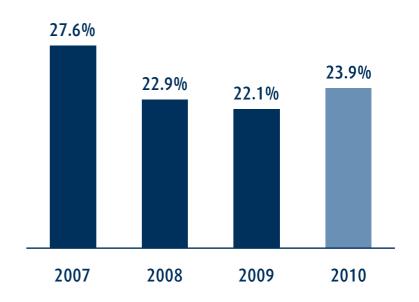
Group Financial Result and Tax Rate



Financial Result (in € million)



Tax Rate



Group, FY 2010 Cash flow statement



in € million	Q1/10	Q2/10	Q3/10	Q4/10	2010	2009
Operating Profit	641	755	749	780	2,925	2,385
Change in Working Capital	-98	-3	-25	210	84	160
Other changes	-146	-247	-93	-101	-587	-403
Operating Cash flow	397	505	631	889	2,422	2,142
Investments in tangibles / intangibles	-223	-280	-261	-428	-1,192	-1,104
Acquisitions / Financial investments	-6	-9	-20	-33	-68	-86
Other	38	44	54	59	195	200
Investment Cash flow	-191	-245	-227	-402	-1.065	-990
Free Cashflow before financing	206	260	404	487	1,357	1,152
Financing activities	-23	-423	-102	-30	-578	-630
Net debt increase (+) / reduction (-)	183	-163	302	457	-779	-522

Group Free Cash Flow before Financing (2010 vs. 2009)					C THE LINDE GROUP		
in € mil	llion	Investing CF	Operating CF	Fr	ee CF 2010 vs. 2009	Ð	
Q1	2010 2009	-191 -282	397 412		206 30 +58.5%		
Q2	2010 2009	-245 -254	505 429		260 75		
Q3	2010 2009	-227 -179	631 583		104 104 +0.0%		
Q4	2010 2009	-402 -275	889 718		487 443 +9.9%		
Total Total	2010 2009	-1,065 -990	2,422 2,142		1,357 1,152 +17.8%		

Group, dividends Proposed dividend increased by 22.2% to € 2.20



Consistent dividend policy



* Comparable change: prior year figures including twelve months of BOC

Group, solid financial position Net debt reduction of € 622 million



6,119 5,497 **88** 349 2,422 298 1,065 Net debt Dividends FX/Others Operating Cash Flow from Net interest Net debt 31/12/2009 **Cash Flow** investment 31/12/2010 activities

in € million

Group, solid financial position Stable long-term financing

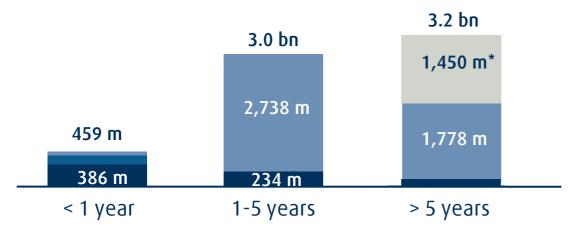
Well-spread and long-dated maturity profile

- Regular issues have continuously lengthened our refinancing schedule
- More than 90% of total financial debt is due beyond 2011
- Approx. 50% of total financial debt has a longer maturity than 5 years

Balanced mix of various financing instruments

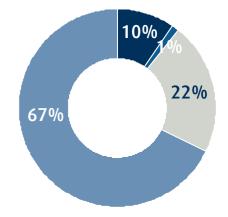
- Long-term bond financing covers approx. 90% of financial debt
- Strategic funding in EUR, GBP, USD and AUD

Financial debt, by maturity (in €)





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- Senior Bonds
- Subordinated Bonds (*callable in 2013/2016)
- Commercial Paper
- Bank Loans

Group, solid financial position Liquidity reserve further strengthened



€ 2.5 bn committed revolving credit facility maturing in 2015

- Arranged in May 2010 with 25 national and international banks
- Replaced € 2 bn syn loan maturing in 2011 and € 1.6 bn forward start facility 2011/2013
- 2,500 3,200 No financial covenants Fully undrawn More than € 1 bn cash Cash & **Securities** 31/12/10 Short-term **Financial debt** 1,159 31/12/10 in € million Credit Liquidity -459 Facility reserve

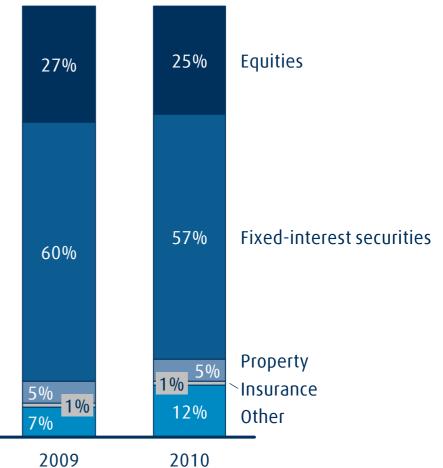
Group, Pensions Key figures



Net obligation

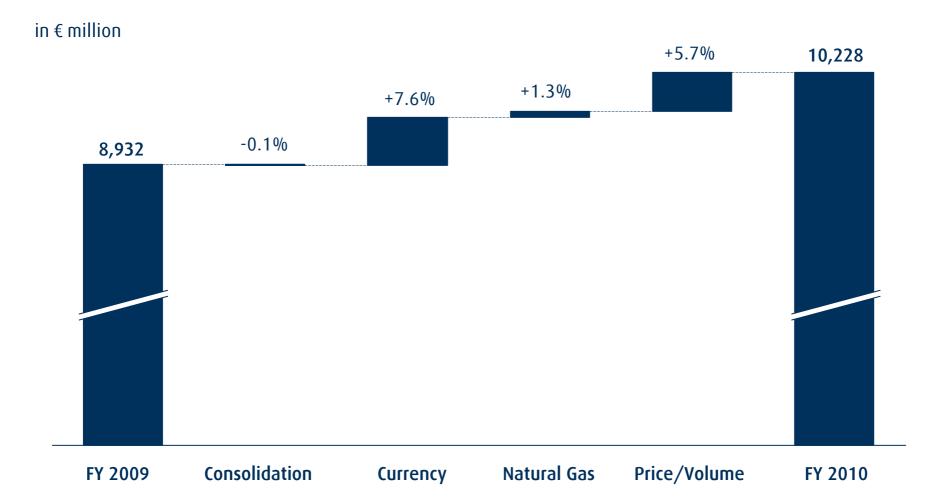
	DBO	Plan	Net
in € million		asset	obligation
01.01.2010	4,744	3,896	848
Service costs	93		93
Net financing	265	246	19
Actuarial gains/losses	-92	141	-233
Contributions/payments	-217	-9	-208
FX	209	200	9
Other	-31	-7	-24
31.12.2010	4,971	4,467	504

Pension plan assets portfolio structure



Gases Division, 2010 sales bridge Comparable growth of 5.7%



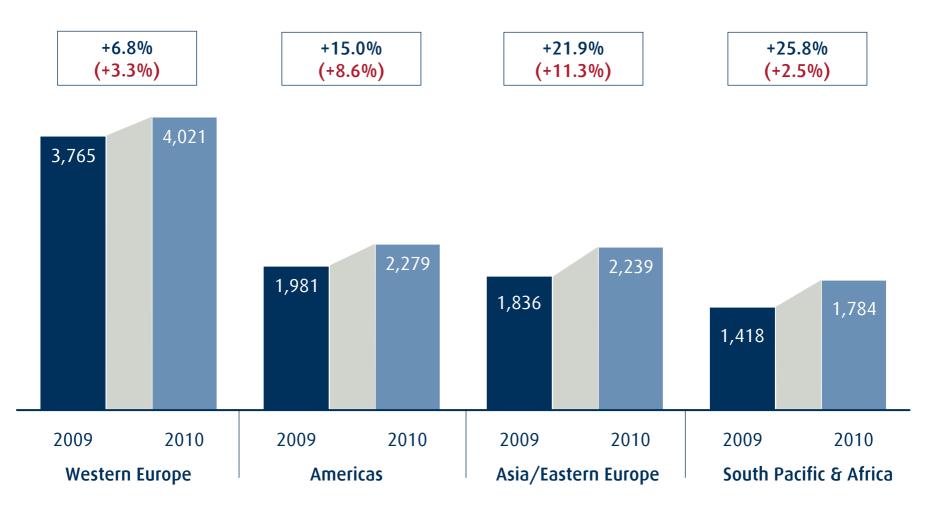


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Gases Division, sales by operating segment Growth markets show strongest momentum

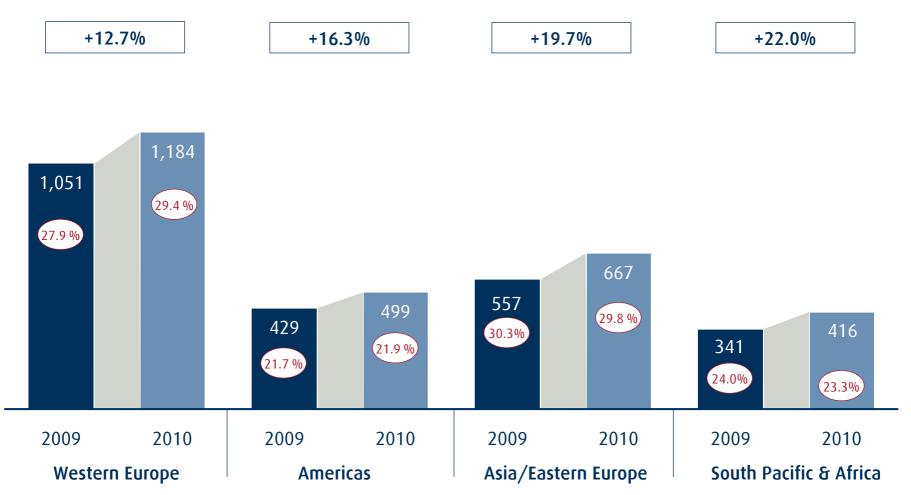


in € million (comparable*)



Gases Division, operating profit by operating segment Growth in all regions supported by HPO

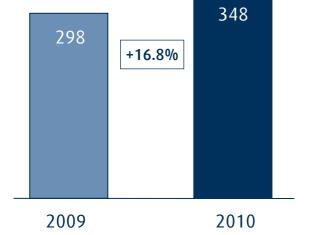
in € million ○ Operating margin



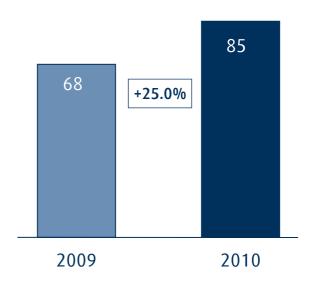
Gases Division Joint ventures

in € million

Proportionate Sales (not incl. in the Group top-line)



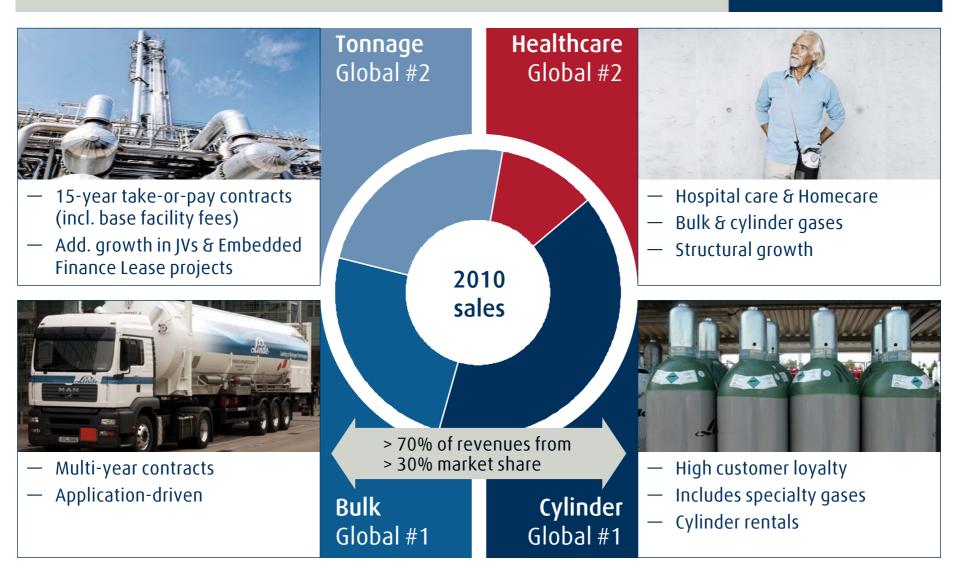
Share of Net Income (contribution to operating profit)





Gases Division, product areas Various distribution mix served from one product source



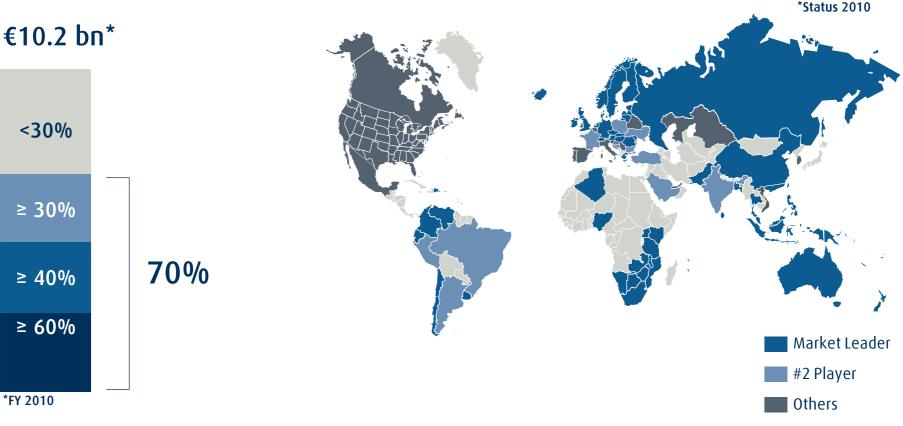




In bulk & cylinder: >70% of revenues from >30% market share positions

Sales split by market shares

Market leader in 47 of the 75 major countries, #2 Player in another 15

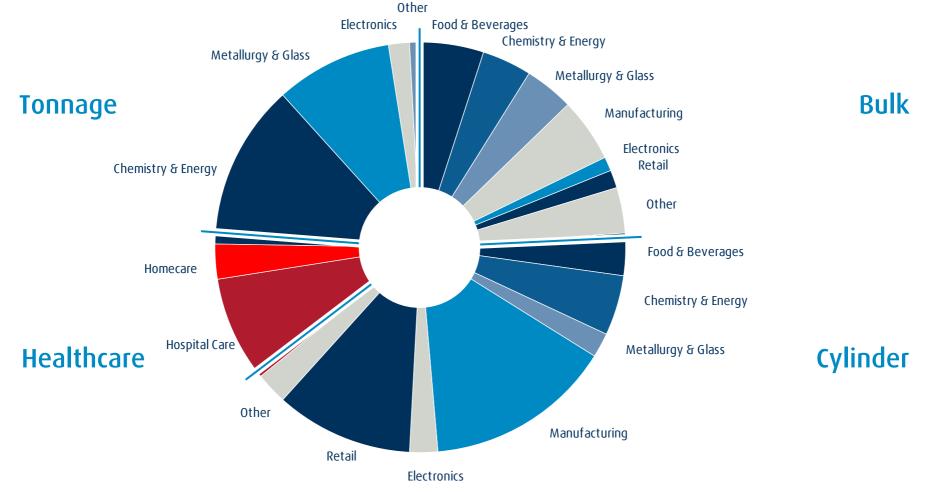


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Gases Division Stability driven by a broad customer base

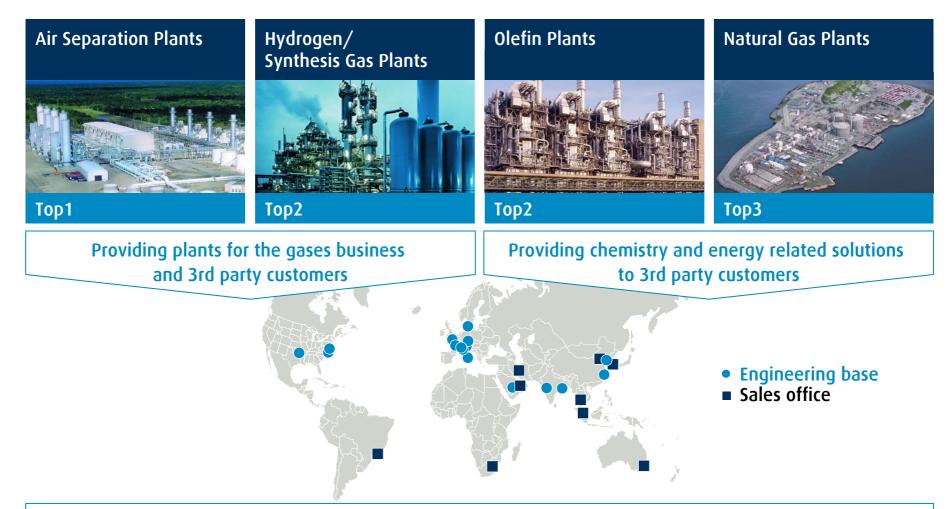


2010: Split of product areas by major end-customer groups



Engineering Division Global set-up with leading market position in all segments

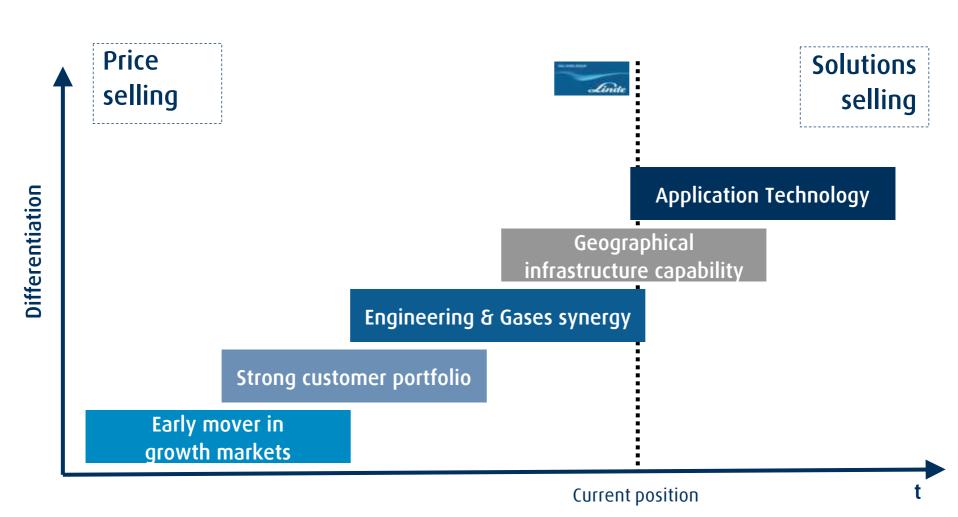




Supporting the energy/environmental mega-trend and leveraging customer relations for gas projects

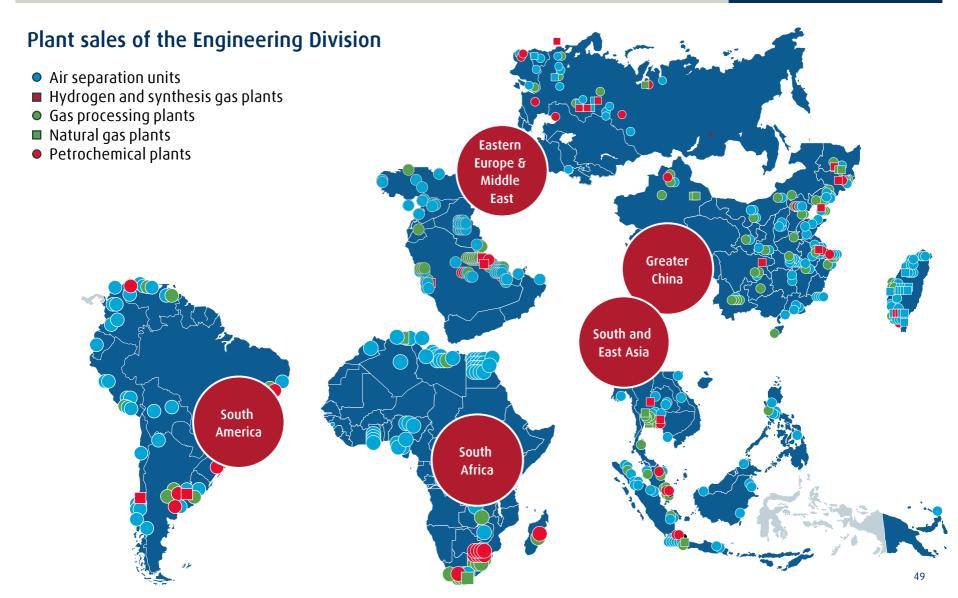
Mega-trend Growth Markets Business approach in Growth Markets





Mega-trend Emerging Markets Strong customer relationships in Engineering





Clean Energy market estimation 2020 & 2030 top down

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General assumptions:

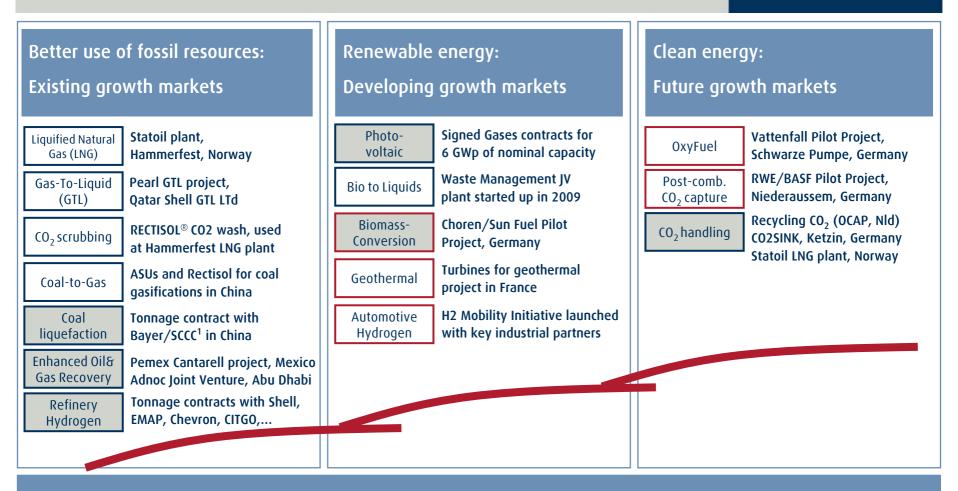
- Market numbers are directional only and w/o inflation or fx
- Oil price development at 80-100 USD/bll
- Outsourced gases market only (excl. captive market or equipment sales),

	Market size in € bn Assumptions for 2030	2015	2020	2030
LNG merchant/floating	 Based on penetration rate of LNG replacing existing fuels; Merchant LNG projects based on geographical set up and existing infrastructure Floating LNG projects 	3-4	6-10	11-23
Enhanced Oil Recovery Nitrogen Rejection Unit	 Single to double digit number of large N2 EOR/NRU projects Double digit number of large CO2 EOR projects including industrial CO2 capture and pipeline (overlapping w/CCS) 	1-1.5*	4-5*	18-35*
Carbon Capture & Clean Coal	 Triple-digit number of 1 GW Carbon Capture (1.5 Gt/a CO2 at EUR25-40/t) 			30-50
CO ₂ networks	 Installation of significant pipeline network and corresponding compression (1.5 Gt/a handling fee CO2 at EUR 10-15/t) 	small	1	15-25
Hydrogen fuelling	 Installation of a significant fuel station infrastructure Corresponding annual H2 consumption of some bn tons p.a. 	small	1	10-15
Photovoltaic	- Includes all gases used for manufacturing of photovoltaic cells only	1	2	3
	Range	5-7	14-19	80-140

* Assuming 100% Build Own Operate and excluding sale of equipment and plants

Mega-trend Energy/Environment Current and future growth markets for Gases & Engineering

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Higher efficiency in energy use: Sustained growth in traditional end markets REBOX® oxy-fuel (steel), WASTOX® (aluminium), Oxygen burner (glass), Water Treatment, ...

¹ Shanghai Cooking & Chemical Corporation

Mega-trend Healthcare High potential for medical gases and related services



Linde Global Business Unit Healthcare :

- Second largest global medical gas business
- Active in more than 50 countries with approx 3,000 employees



- Power patients

Healthcare Challenges & Opportunities

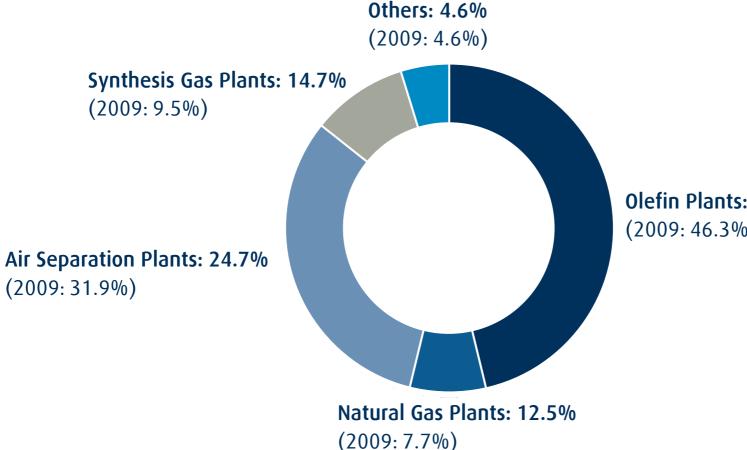
- Increased use of medical gases & related devices, services
- Increase in chronic diseases
- Therapies offering quality of life & cost reductions
- Privatization of care/outsourcing of services



Engineering Division Order backlog diversified and of high quality



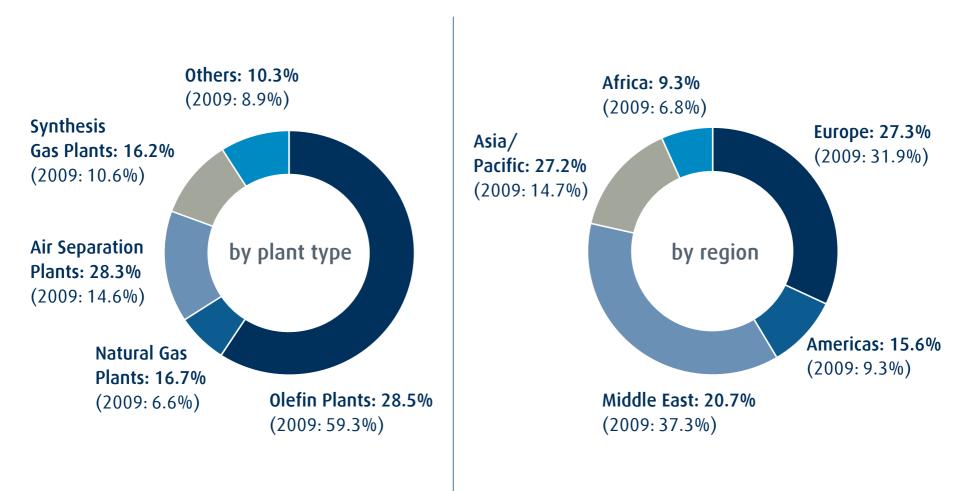
Order backlog by plant type (31/12/2010)



Olefin Plants: 43.5% (2009: 46.3%)

Engineering Division FY 2010 order intake by plant type and region





Group Reconciliation of Capital Employed



	31.12.2009	31.12.2010			
in € million	Key Financial Figures	As reported	Non-GAAP adjustment	Key Financial Figures	Effects
Equity incl. minority interest	8,235	11,362	-790	10,572	PPA and disposal effects
Plus: net debt	6,119	5,497		5,497	
Plus: liabilities from financial services	28	49		49	
Less: receivables from financial services	645	392		392	
Balance of financial debt	5,502	5,154		5,154	
Net pension obligations	887	552		552	
Capital employed	14,624	17,068	-790	16,278	
Average Capital employed	14,066	16,322		15,451	
Return on Capital Employed (ROCE)	10.4 %	10.3 %		12.5 %	

Group Reconciliation of EPS



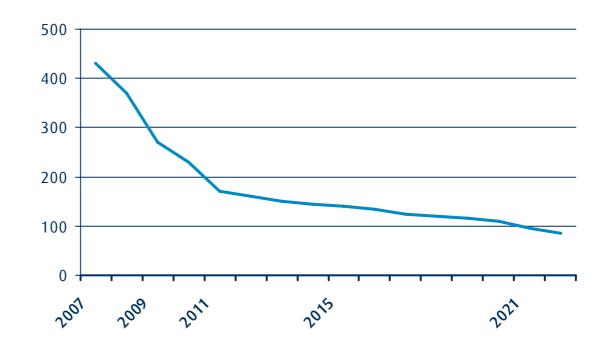
	31.12.2009	31.12.2010			
in € million	Key Financial Figures	As reported	Non-GAAP adjustment	Key Financial Figures	Effects
EBIT before special items	1,460	1,679	254	1,933	РРА
Taxes on income	-297	-335	-92	-427	deferred taxes on PPA
Earnings after taxes and minority interest	772	1,005	162	1,167	
EPS (in €)	4.58	5.94		6.89	
Weighted average no. of shares (in million)	168,6	169,3		169,3	

Group, Purchase Price Allocation Confirmation of expected Depreciation & Amortisation



Development of depreciation and amortisation (in € million) Impact in 2010: € 254 million

Expected range			
2011	> 200 - 250		
2012	> 175 - 225		
2022	< 100		



Group, Definition of financial key figures



Operating Profit	Return	EBITDA (incl. IFRIC 4 adjustment) excl. finance costs for pensions excl. special items incl. share of net income from associates and joint ventures
adjusted ROCE	Return	Operating profit - depreciation / amortisation excl. depreciation/amortization from purchase price allocation
	Average Capital Employed	equity (incl. minorities) + financial debt + liabilities from financial services + net pension obligations - cash and cash equivalents - receivables from financial services
adjusted Return EPS		earnings after tax and minority interests + depreciation/amortization from purchase price allocation +/- special items
	Shares	average outstanding shares

Investor Relations



Contact

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Financial Calendar

- Interim Report January to March: 4 May 2011
- Annual General Meeting: 12 May 2011
- Interim Report January to June: 29 July 2011
- Interim Report January to September: 28 October 2011