



Continuously Improving.

LeadIng.

Stockholm, 22 September 2011 Dr Sven Schneider – Head of Group Treasury Dr Dominik Heger – Head of Investor Relations

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THE LINDE GROUP

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Agenda



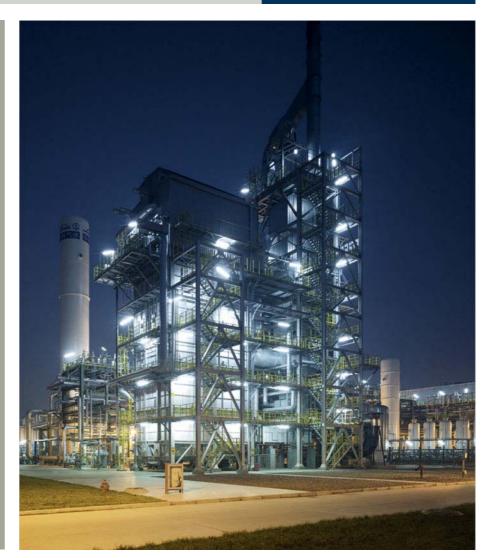
- 1. The Linde Group
- 2. Operational Performance
- 3. Strategic Focus:
 - Growth Markets
 - Energy / Environment
 - Healthcare
- 4. Debt Story and Financial Policy
- 5. Outlook

Appendix

The Linde Group: 2010 financial year Linde achieves record levels and is set for further growth

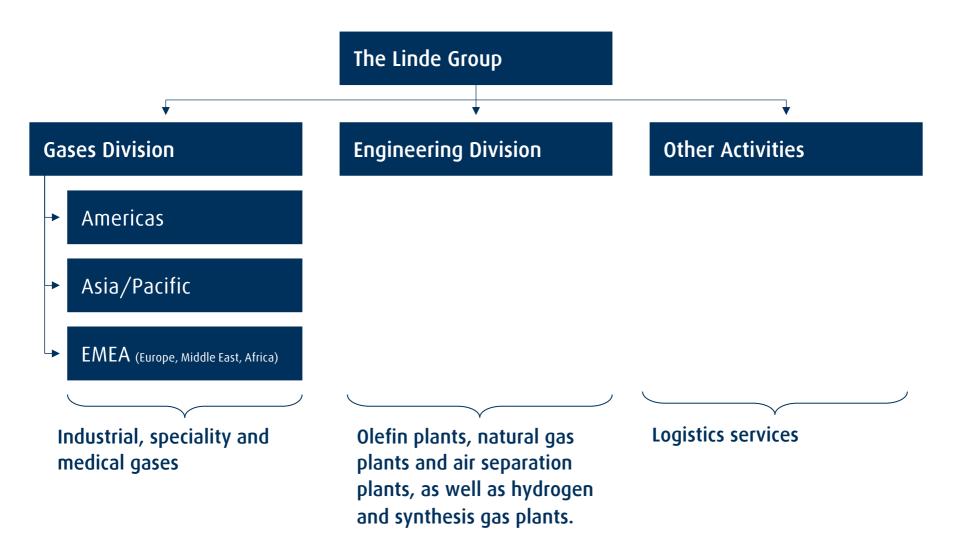


- Group sales up 14.8 percent to EUR 12.868 bn
- Group operating profit increases at a faster rate than sales, by 22.6 percent to EUR 2.925 bn
- Operating margin up by 140 bp to 22.7%,
 Gases operating margin further improved to 27%
- Medium-term targets for 2014: Group operating profit of at least EUR 4 bn and ROCE of at least 14 percent



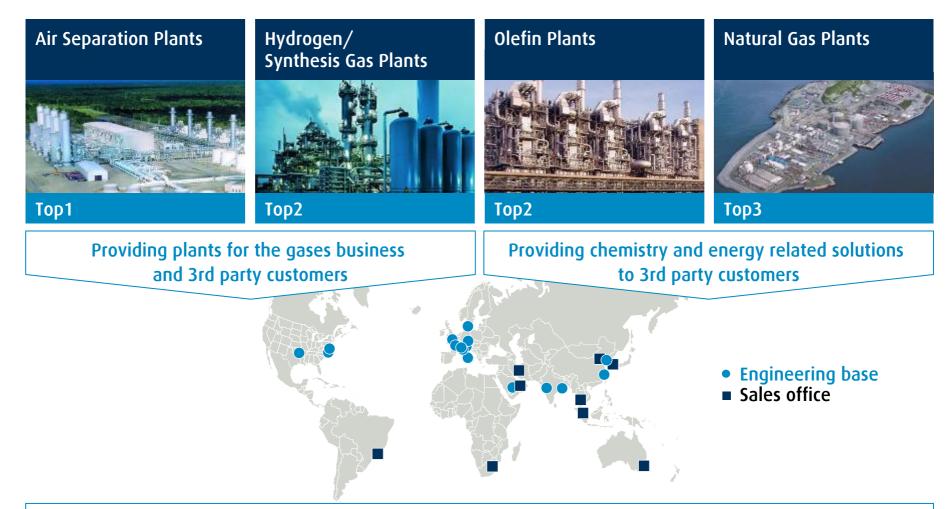
Group Profile Organisational structure





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

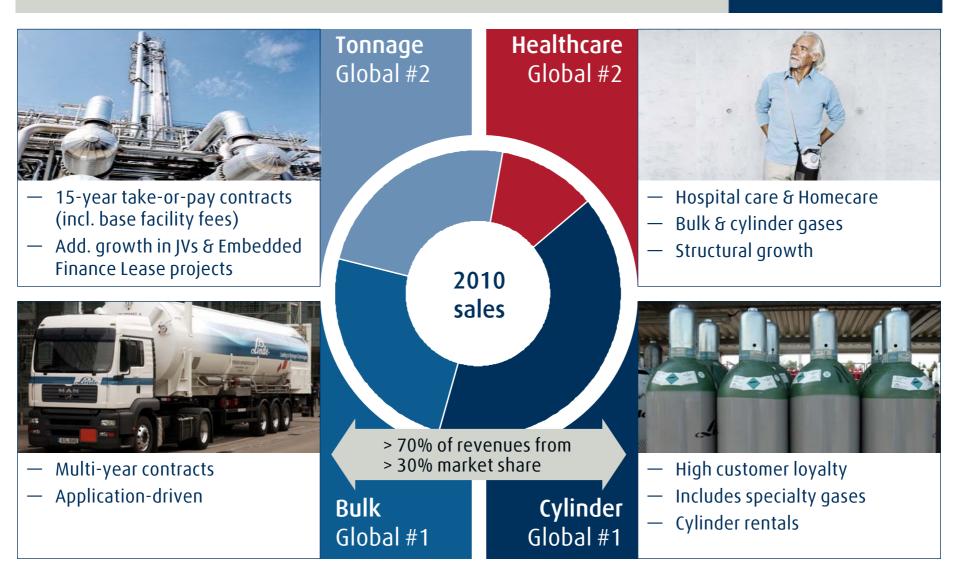




Supporting the energy/environmental mega-trend and leveraging customer relations for gas projects

Gases Division Various distribution mix served from one product source





Gases Division, local business model Global presence in more than 100 countries

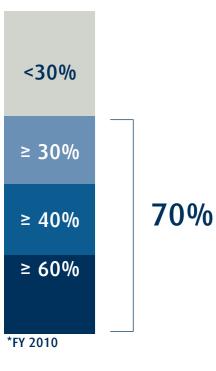


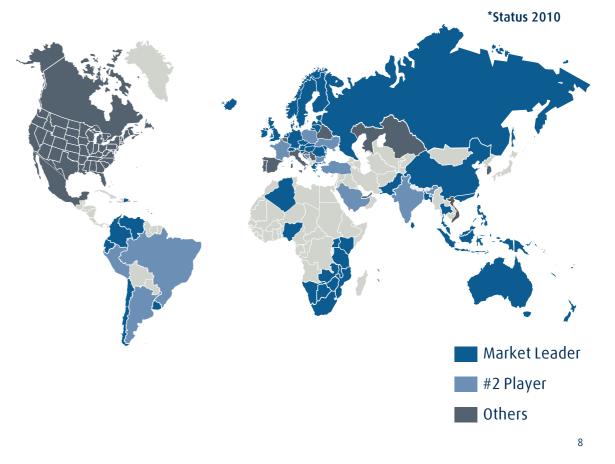
In bulk & cylinder: >70% of revenues from >30% market share positions

Sales split by market shares

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



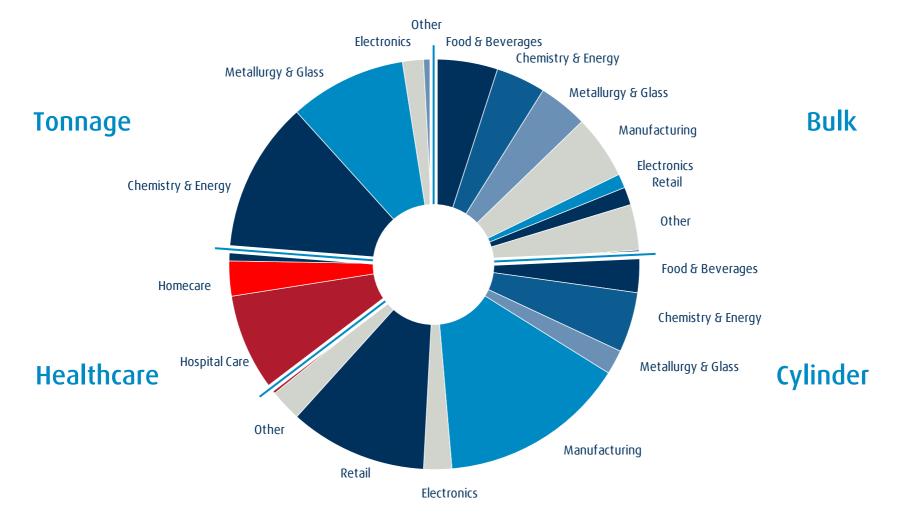




Gases Division Stability driven by a broad customer base



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



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Highlights – 6M 2011



Continuously Improving.

Ongoing growth momentum drives Group sales up 11.0% to € 6,774 m Group operating profit grows over-proportionately by 11.7% to € 1,559 m Continuous strong increase of reported EPS by 26.2% to € 3.32 and of adjusted EPS by 20.3% to € 3.79 Operating Cash Flow increases by 8.3% to € 977 m

Solid growth in all regions

Growth Markets continue their strong momentum Accelerated growth in mature regions Operating margin of the Gases Division at 27.3% (+20 bp)

2011 Outlook reinforced

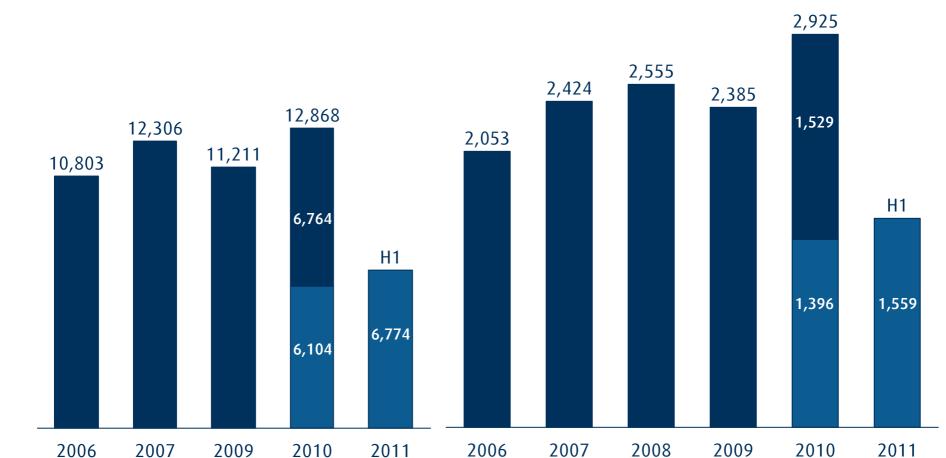
Growth in sales and operating profit vs. record year 2010 HPO: € 650-800 m of gross cost savings in 2009-2012

Group Sales & Operating Profit



Group Sales € m, as reported





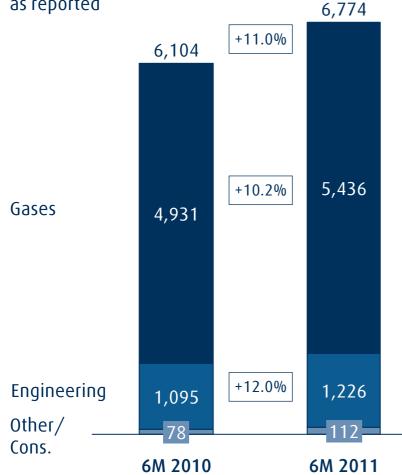
Operating Profit

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Group, sales by Divisions Unchanged growth momentum drives group sales up 11.0%



in € million, as reported



Gases Division

- Growth momentum continues: comparable* sales further increase to 8.5%
- Growth in all product areas:
 bulk and cylinder further accelerated

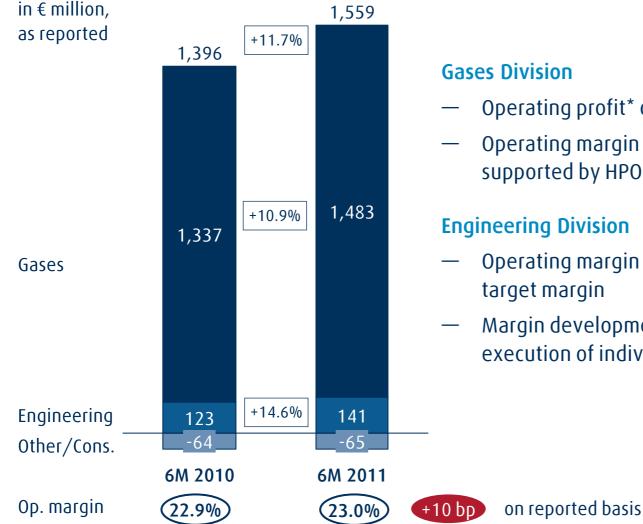
Engineering Division

- Sales increased in particular for air separation units, hydrogen/synthesis gas and natural gas plants
- Order backlog remains on high level

*excluding currency, natural gas price and consolidation effect

Group, operating profit by Divisions Group margin of 23.0%

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Gases Division

- Operating profit* on double-digit growth track
- Operating margin up by 20 bp to 27.3% supported by HPO

Engineering Division

- Operating margin of 11.5% again well ahead of target margin
- Margin development driven by successful execution of individual projects

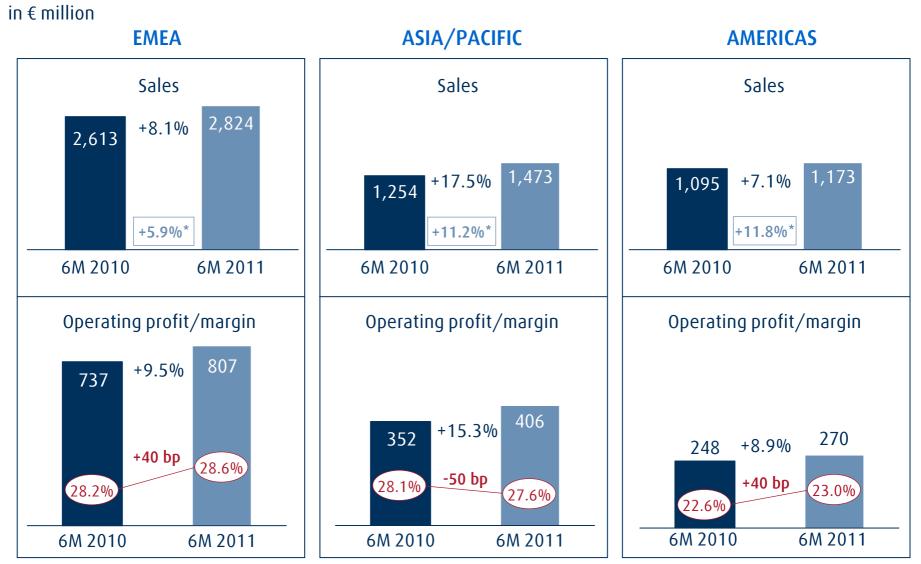
Group, operating cash flow Operating Cash Flow increases by 8.3% to € 977 m



in € million	Q1 11	Q2 11	H1 11	H1 10
Operating profit	761	798	1,559	1,396
Change in Working Capital	-180	6	-174	-101
Other changes	-141	-267	-408	-393
Operating Cash Flow	440	537	977	902
Investments in tangibles/intangibles	-237	-310	-547	-503
Acquisitions/Financial investments	-13	-1	-14	-15
Other	43	33	76	82
Investment Cash Flow	-207	-278	-485	-436
Free Cash Flow before Financing	233	259	492	466
Interests and swaps	-45	-114	-159	-142
Dividends and other changes	-2	-385	-387	-304
Net debt increase (+)/decrease (-)	-186	240	54	-20

Gases Division, sales and operating profit by operating segment Growth momentum continues in all regions



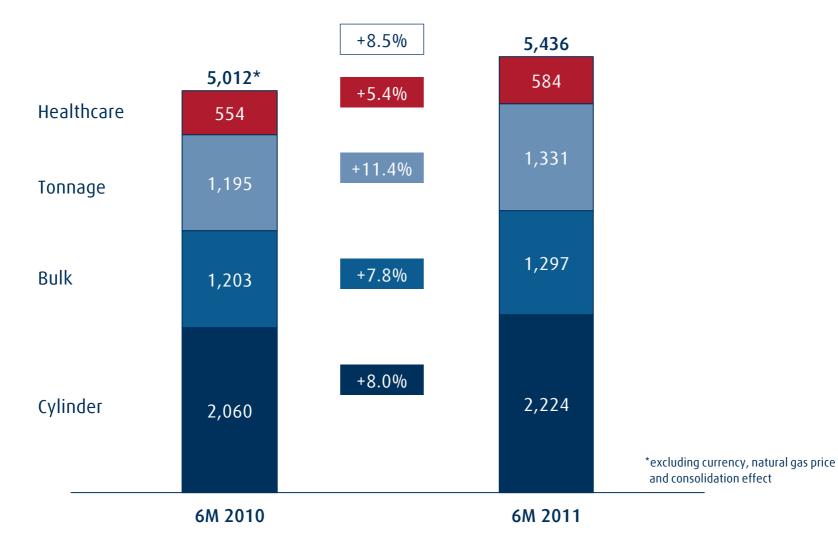


*excluding currency, natural gas price and consolidation effect

Gases Division, sales by product areas Growth accelerated in Cylinder and Bulk

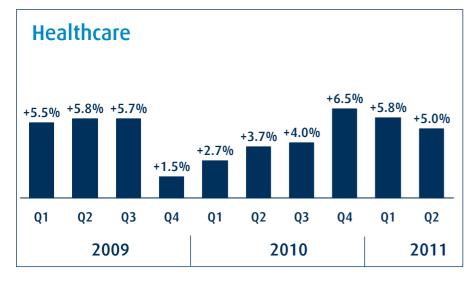


in € million, comparable*, consolidated



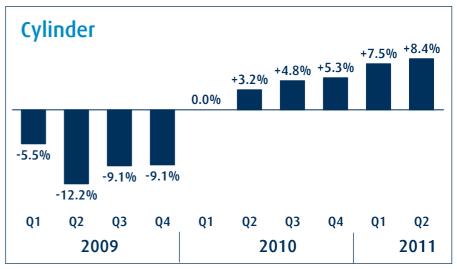
Gases Division, product areas (comparable yoy growth) Cylinder business continues to grow











Engineering Division, key figures Order intake up by 19.4%



- Order intake mainly driven by Asia/Pacific and air separation units
- Order backlog stays strong at € 3,763 bn (year-end 2010: € 3,965 bn)
- As a result of very successful execution of individual projects the margin expectation for 2011 is at least 10%

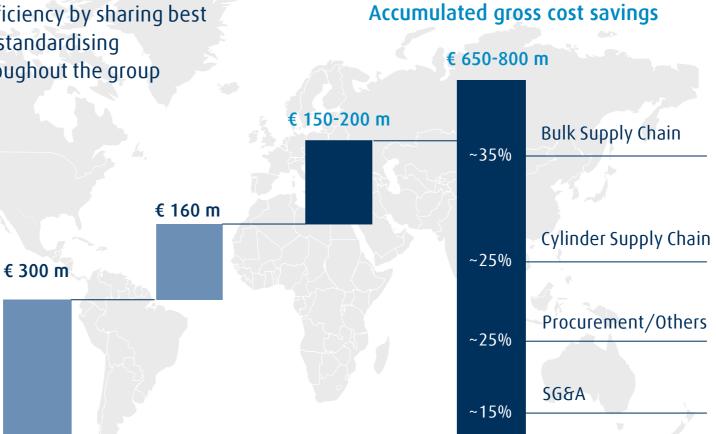
in € million	6M 10	6M 11	Δ ΥοΥ
Order intake	962	1,149	+19.4%
Sales	1,095	1,226	+12.0%
Operating profit*	123	141	+14.6%
Margin	11.2%	11.5%	+30 bp

*EBITDA incl. share of net income from associates and joint ventures

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



2010

2012

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Growth opportunities Product portfolio serving mega trends





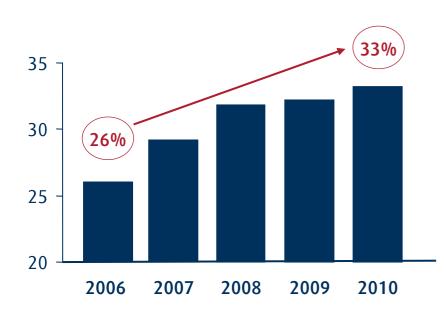
Leveraging Gases & Engineering business synergies

22

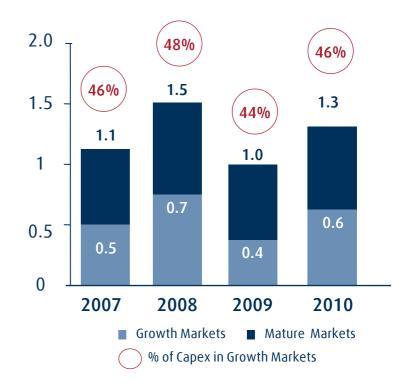
Mega-trend Growth Markets Growth trend leveraged by strong investment decisions

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



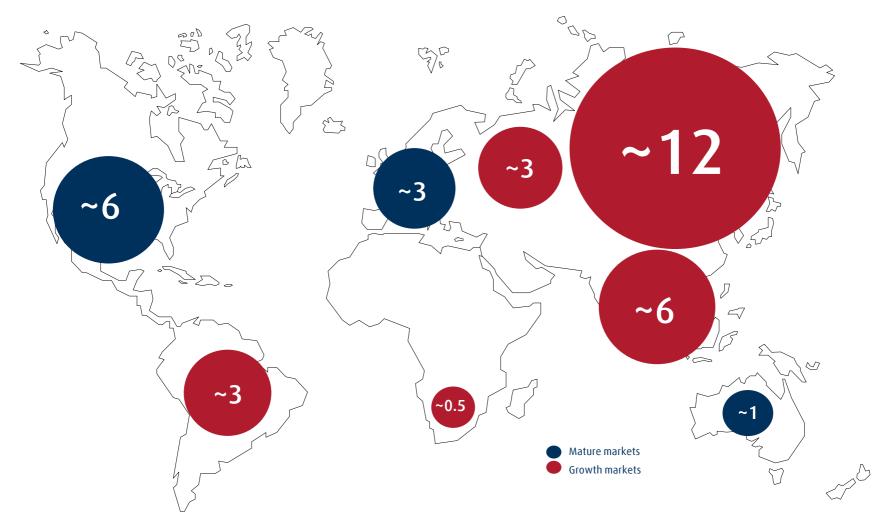
Gases Capex 2007 – 2010 in € bn



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

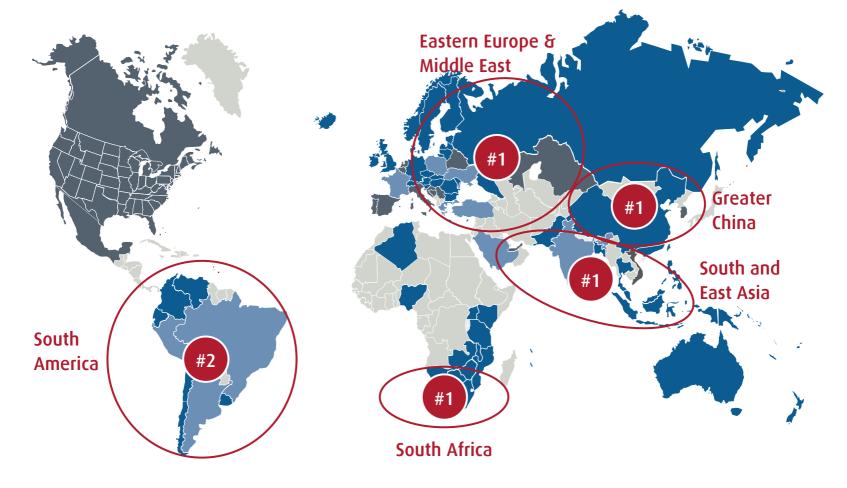




Mega-trend Growth Markets LeadIng Gases set-up in local growth markets



Market leader in 4 out of 5 Growth Markets



Gases Division, project pipeline Solid basis for sustainable growth

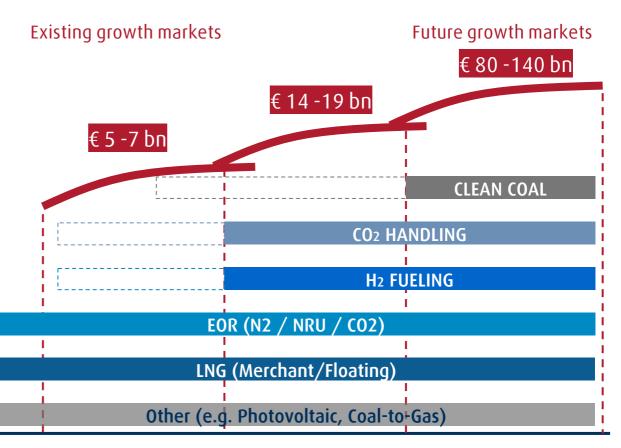
- Project amount for 2012 further increased in the first six months by € 150 m to € 700 m
- Around € 2.8 bn investments between 2009-2012 (thereof € 0.6 bn in JVs @ share)
- Close to 70% of total project-capex allocated to Growth Markets
- Project opportunities 12 months forward as published in March 2011 around € 4 bn with a large portion in Growth Markets



Project amount by on-stream date (incl. JVs) in € m

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



Energy/Environment annual market revenue estimates in € bn*

*Assuming 100% Build Own Operate and excluding sale of equipment and plants 2015 2020 Annual market revenue in the respective year [11] Pilot projects and small volumes (Plea

(Please find assumptions for estimates on page 57)

2030

Mega-Trend Energy/Environment LNG-terminal Nynäshamn/Sweden



grid in the Baltic region



May 2011

- First LNG import terminal in the Baltics completed: ~ € 100 m
- Located 60 km south of Stockholm
- Storage of up to 20,000 cubic metres LNG at minus 162 degree Celsius (~12 m cubic metres natural gas)
- Main source LNG plant of Skangass in Norway
- Direct supply of customers or to customer network feed points via bulk transports
- LNG replaces LPG, light and heavy fuel oil for the transportation and marine market to reduce sulphur and NOx emissions

One-Stop-Provider in LNG-business

LNG terminal built by Linde Engineering

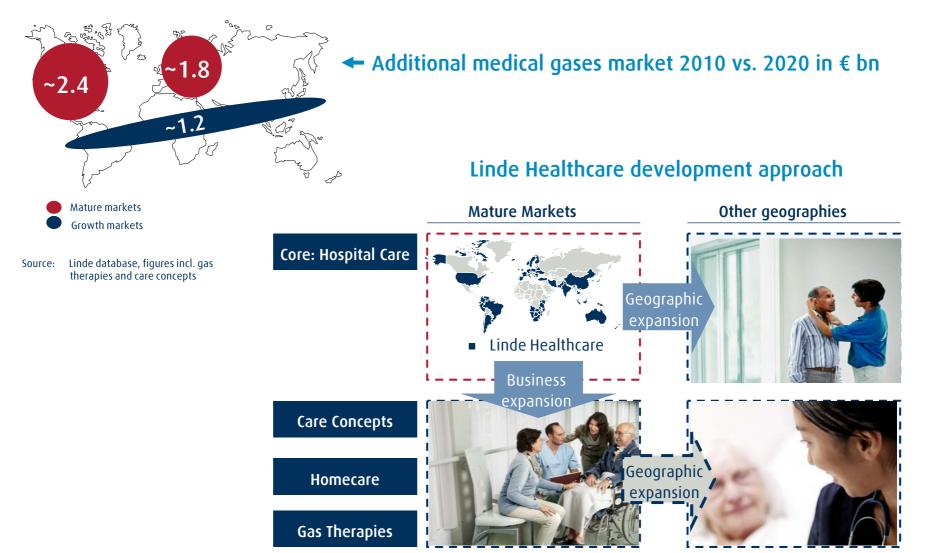
LNG terminal owned and operated by Linde Gas

LNG-plant designed and built by Linde Engineering

Distribution technology by Linde Engineering Sales and distribution by Linde Gas

Mega-trend Healthcare Growth through innovation and regional expansion





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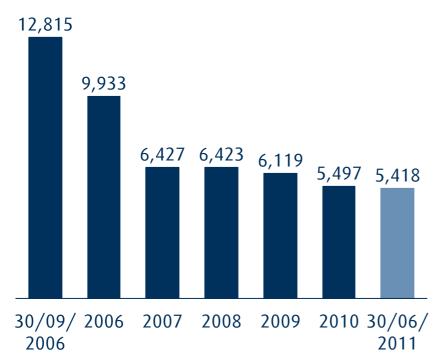
Appendix

Linde's debt story and financial policy Sound financial strategy

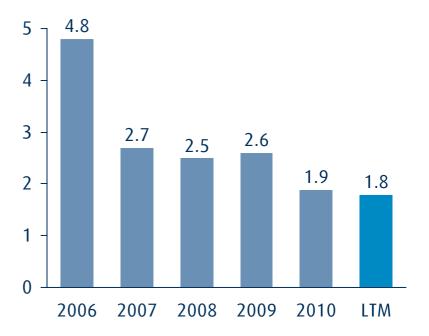


Continuously improving financial profile

Net debt in € bn



Net debt/EBITDA



Linde's debt story and financial policy Net debt reduction of € 622 million in FY 2010



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

in € million

31/12/2009

Cash Flow

investment activities

32

31/12/2010

Linde's debt story and financial policy Strong focus on safeguarding liquidity – FY 2010

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\pounds 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

Linde's debt story and financial policy Efforts to broaden scope of financing instruments – FY 2010

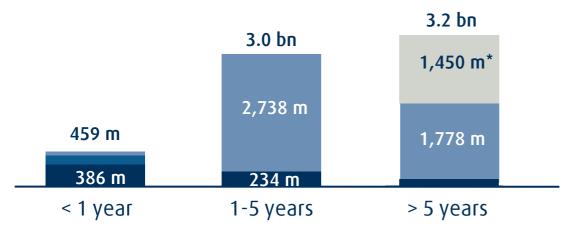
Well-spread and long-dated maturity profile

- 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

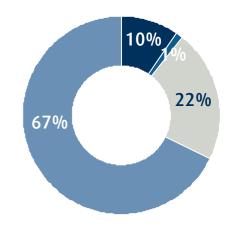
- Long-term bond financing covers approx. 90% of financial debt
- Strategic funding in EUR, GBP, USD and AUD

Financial debt, by maturity (in € / FY 2010)



Financial debt, by instrument (FY 2010)

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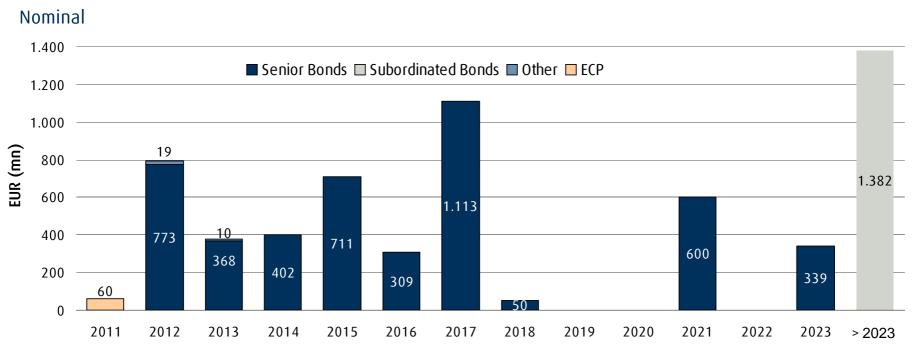
- Senior Bonds
- Subordinated Bonds (*callable in 2013/2016)
- Commercial Paper
- Bank Loans

Linde's debt story and financial policy Long-dated and well balanced maturity profile

Proactive liability management

- Rationale: Extension of the maturity profile and increase of the liquidity reserve
- ~€ 360 m partial buyback of € 1.3 bn bonds maturing in 2012 and 2013
- Issuance of € 600 m 3.875 % bond maturing in 2021

Maturity profile of capital markets debt (nominal value as of 31 August 2011)



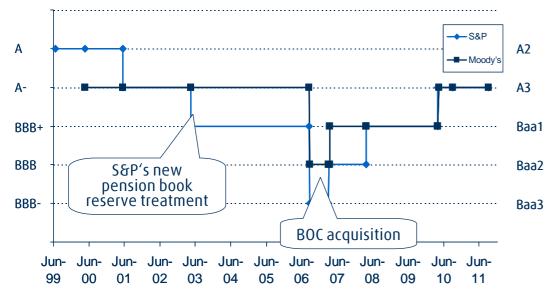
Year

Linde's debt story and financial policy Proven resilience during the business cycle

Linde's Current Credit Ratings

	Moody's	S&P
Linde AG	A3/P-2 (stable)	A-/A-2 (stable)

Linde's Credit Rating History



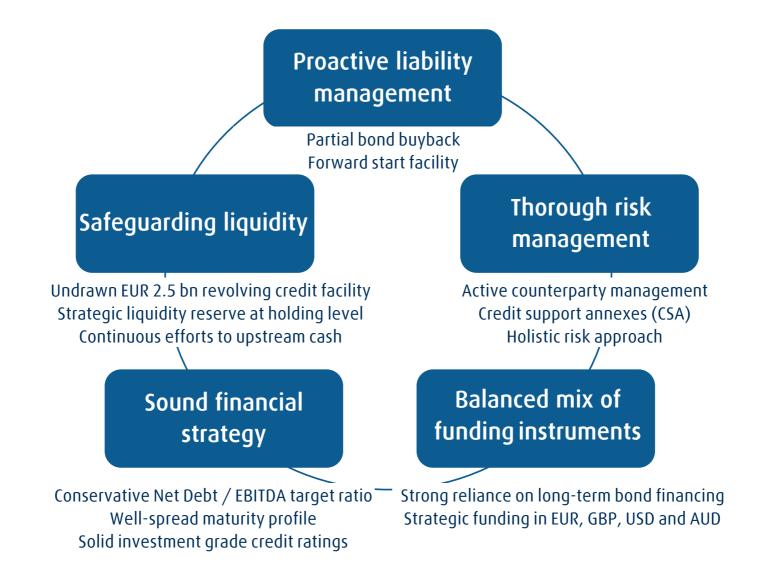
 S&P has confirmed Linde's A-/A-2 rating in August 2011

- Ongoing improvement in credit quality since BOC acquisition in 2006 reflects conservative leverage policy and stable cash flow generation
- Published target credit rating: solid investment grade
- Linde Group's credit risk is in line with its industrial gases peer group



Linde's debt story and financial policy Key cornerstones





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Outlook



2011	Group	 Growth in sales and operating profit vs. 2010 Confirmation of HPO-program: € 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 10%

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

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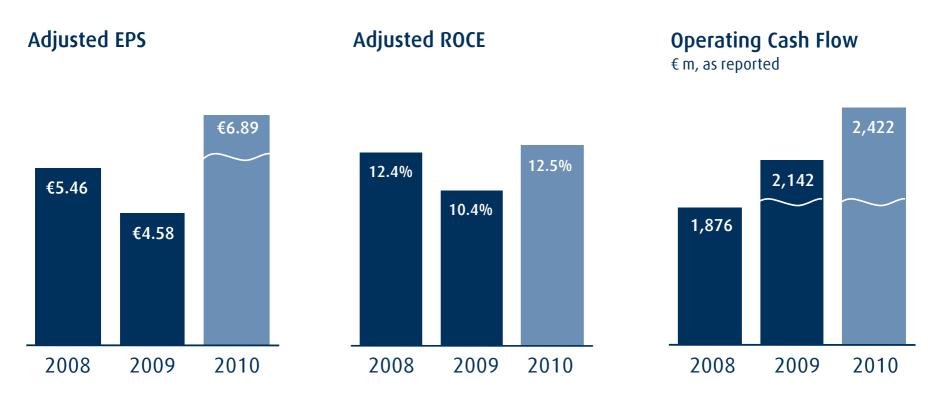
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Further improvement in all our three key financial indicators

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



Group Financial Highlights – FY 2010



in € million	2009	2010	Δ in %
Sales	11,211	12,868	14.8
Operating Profit	2,385	2,925	22.6
Margin (in %)	21.3	22.7	
EBIT before PPA depreciation	1,460	1,933	32.4
PPA depreciation	-293	-254	
EBIT	1,167	1,679	43.9
Financial Results	-329	-280	14.9
Taxes	-185	-335	81.1
Net income	653	1,064	62.9
Net income – Part of shareholders Linde AG	591	1,005	70.1
EPS in €	3.51	5.94	69.2
Adjusted EPS in €	4.58	6.89	50.4

Group Financial Highlights – H1 2011

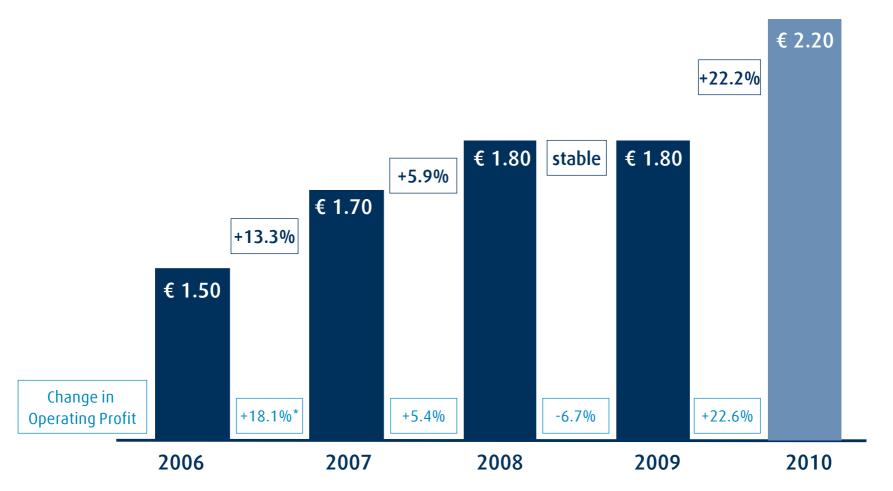


in € million	H1 10	H1 11	Δ in %
Sales	6,104	6,774	11.0
Operating profit	1,396	1,559	11.7
Margin (in %)	22.9	23.0	
EBIT before PPA depreciation	922	1,039	12.7
PPA depreciation	125	121	
EBIT	797	918	15.2
Financial Result	-151	-126	16.6
Taxes	-163	-194	19.0
Net income	483	598	23.8
Net income – Part of shareholders Linde AG	445	566	27.2
EPS in €	2.63	3.32	26.2
Adjusted EPS in €	3.15	3.79	20.3

Group Dividend increased by 22.2% to € 2.20



Consistent dividend policy

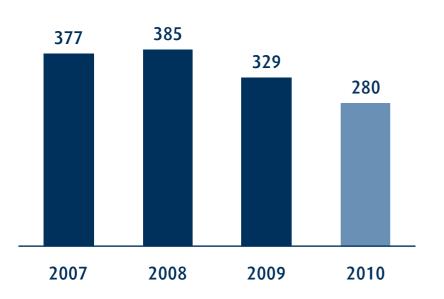


* Comparable change: prior year figures including twelve months of BOC

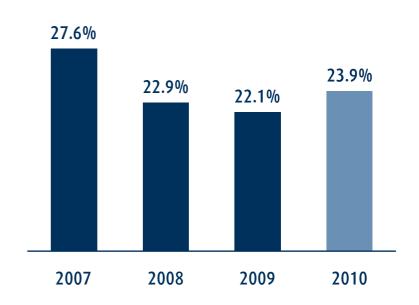
Group Financial Result and Tax Rate



Financial Result (in € million)



Tax Rate



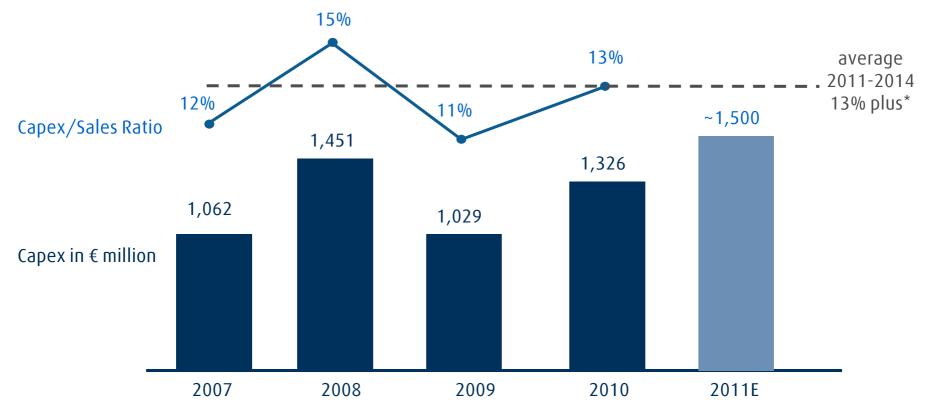
Group Cash Flow – FY 2010



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
Interests and swaps	-22	-120	-98	-58	-298	-301
Dividends and other changes	-1	-303	-4	28	-280	-329
Net debt increase (+) / decrease (-)	-183	163	-302	-457	-779	-522

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

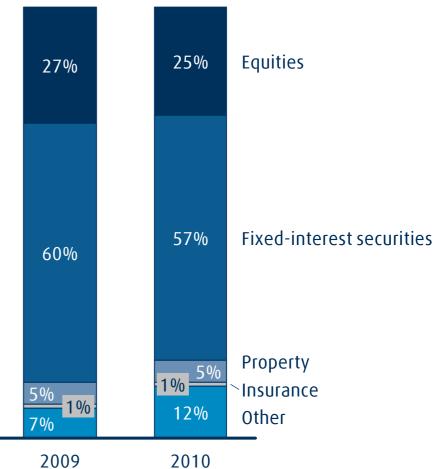
Group Pensions – Key figures



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 Operating Segments – Historical data 2010



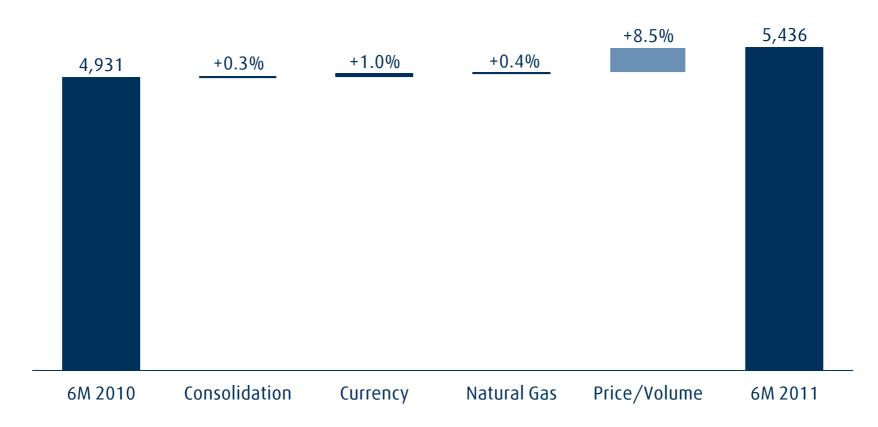
EMEA (€ m)	Q1 2010	Q2 2010	Q3 2010	Q4 2010	FY 2010
Sales	1,264	1,349	1,365	1,352	5,330
Operating profit [*]	351	386	389	387	1,513
Operating margin	27.8%	28.6%	28.5%	28.6%	28.4%
Asia/Pacific (€ m)	Q1 2010	Q2 2010	Q3 2010	Q4 2010	FY 2010
Sales	577	677	711	727	2,692
Operating profit [*]	162	190	200	202	754
Operating margin	28.1%	28.1%	28.1%	27.8%	28.0%
Americas (€ m)	Q1 2010	Q2 2010	Q3 2010	Q4 2010	FY 2010
Sales	514	581	605	579	2,279
Operating profit [*]	112	136	129	122	499
Operating margin	21.8%	23.4%	21.3%	21.1%	21.9%

* EBITDA before non-recurring items, including share of net income from associates and joint ventures

Gases Division 6M 2011 sales increase of 8.5% on comparable basis



in € million



Gases Division Joint Ventures



in € million

Proportionate Sales

(not incl. in the Group top-line)

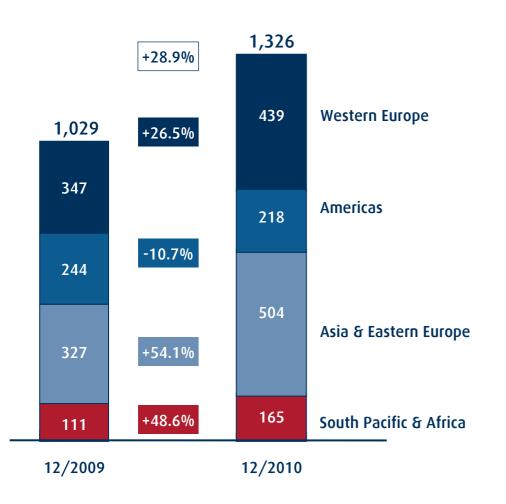
Share of Net Income (contribution to operating profit)



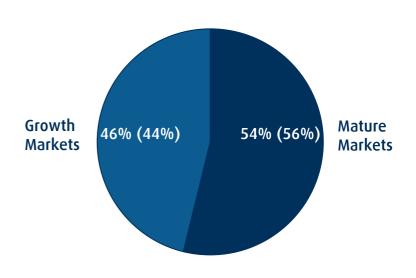
Gases Division Split of Capex by operating segment



in € million



Split Capex by markets 2010 (2009)



Linde Gases Division in Greater China Important project wins in 2011





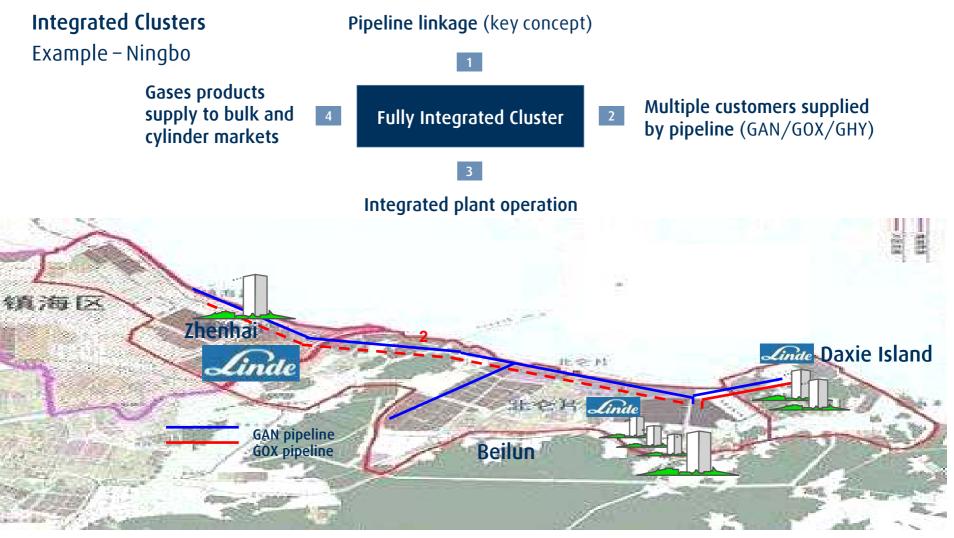
Mega-trend Growth Markets Leading player in Greater China





Gases Division in China Integrated offer in selected industrial poles





Clean Energy market estimation 2020 & 2030 top down

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General assumptions:

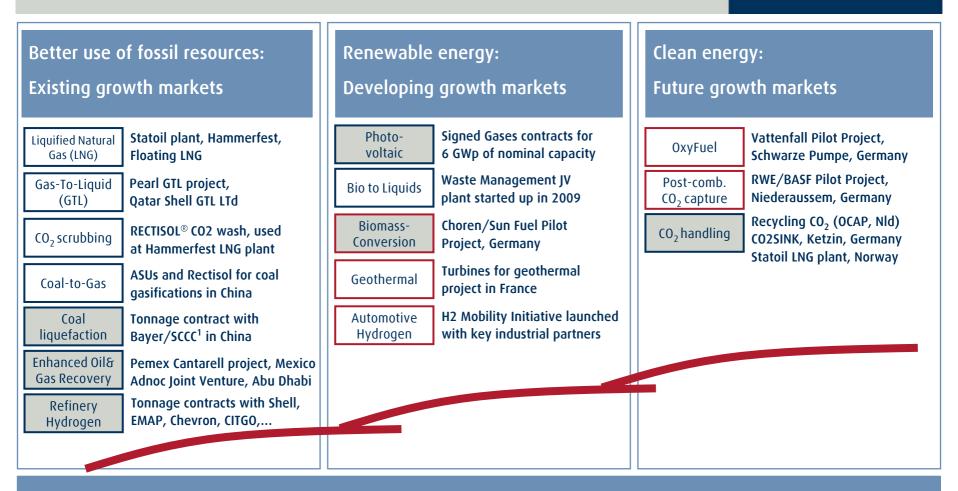
- Market numbers are directional only and w/o inflation or fx
- Oil price development at 80-100 USD/bll
- Outsourced gases market only (excl. captive market or equipment sales),

	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

THE LINDE GROUP



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

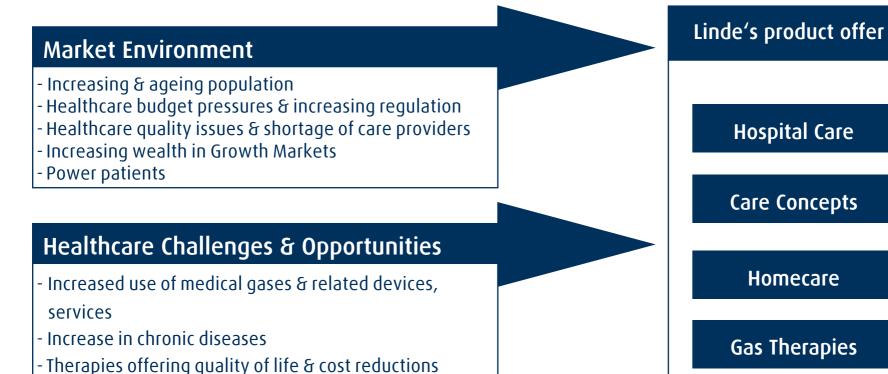
Mega-trend Healthcare High potential for medical gases and related services



Linde Global Business Unit Healthcare :

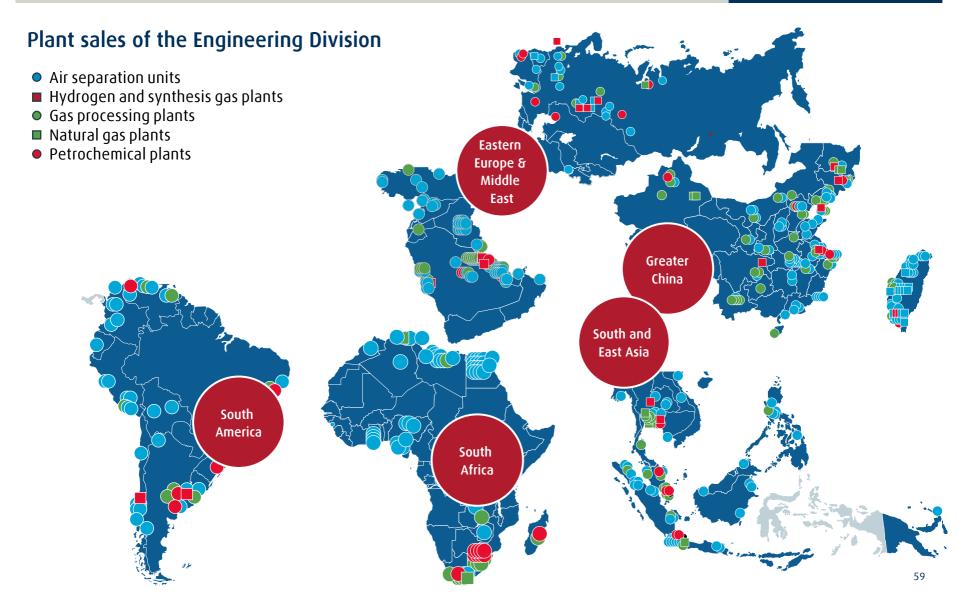
- Privatization of care/outsourcing of services

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



Mega-trend Growth Markets Strong customer relationships in Engineering

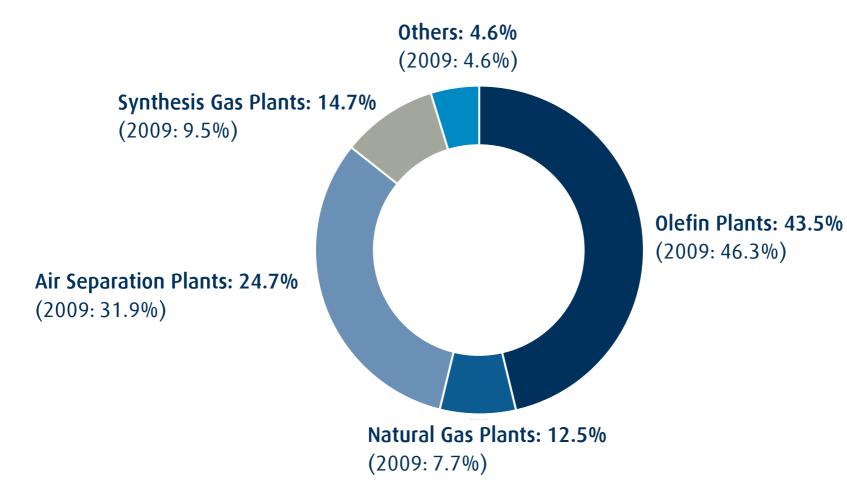




Engineering Division Order backlog diversified and of high quality

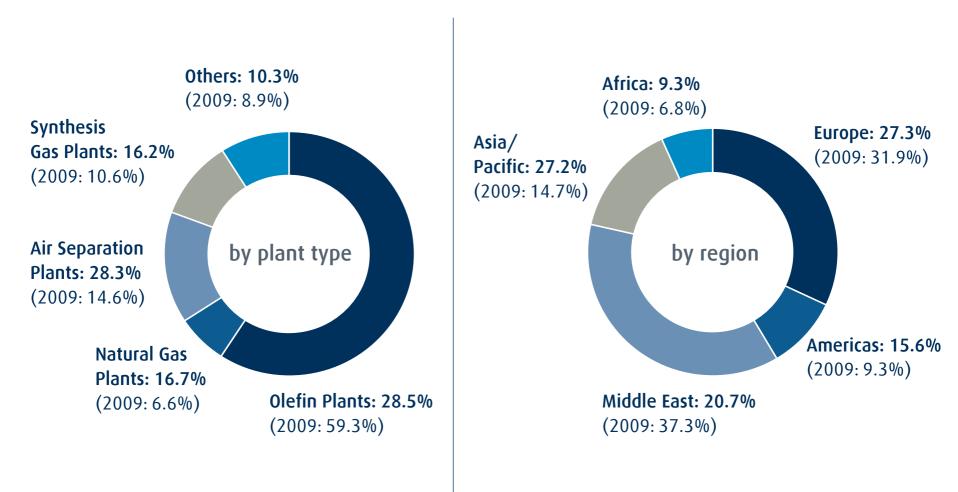


Order backlog by plant type (31/12/2010)



Engineering Division FY 2010 order intake by plant type and region





Group, selected public bond issues



Issuer	Issue Rating	Volume (mn)	Interest in percent	Maturity	ISIN
Senior Bonds ⁽¹⁾					
Linde Finance B.V.	A3 / A-	EUR 723	4.375	04/24/2012	XS0297698853
Linde Finance B.V.	A3 / A-	EUR 216	5.375	09/12/2013	XS0387377756
Linde Finance B.V.	A3 / A-	USD 400	3.625	11/13/2014	XS0465484938
Linde Finance B.V.	A3 / A-	EUR 600	6.750	12/08/2015	XS0403540189
Linde Finance B.V.	A3 / A-	EUR 1,000	4.750	04/24/2017	XS0297699588
Linde Finance B.V.	A3 / A-	EUR 600	3.875	06/01/2021	XS0632659933
Linde Finance B.V.	A3 / A-	GBP 300	5.875	04/24/2023	XS0297700006
Subordinated Bonds ⁽¹⁾⁽²⁾					
Linde Finance B.V.	Baa2 / BBB	EUR 400	6.000	Perpetual / Call Right from 2013 on	XS0171231060
Linde Finance B.V.	Baa2 / BBB	EUR 700	7.375	07/14/2066 / Call Right from 2016 on	XS0259604329
Linde Finance B.V.	Baa2 / BBB	GBP 250	8.125	07/14/2066 / Call Right from 2016 on	XS0259607777

(1) Guaranteed by Linde AG

(2) Not issued under the Debt Issuance Program



Purchase Price Allocation (PPA)

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Impact in 6M 2011: € 121 m (6M 2010: € 125 m)
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Expected impact FY 2011: ~ € 250 m (upper end of guidance due to enforced one-brand strategy)

Background:

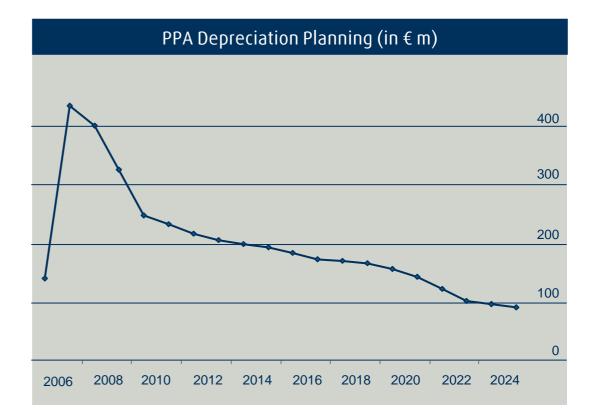
- The difference between the purchase cost of BOC and related acquisitions in Asia and their net asset value has been allocated to assets on the Linde balance sheet (for BOC, see Linde 2007 annual report, p. 99).
- The revaluation of these assets leads to additional depreciation and amortisation charges according to the useful life of the assets.
- Goodwill is not amortised but subject to a yearly impairment test.
- Depreciation & Amortisation from PPA is excluded from the calculation of Adjusted EPS.

Group PPA – Expected Depreciation & Amortisation



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

Expected range				
2011	> 200 - 250			
2012	> 175 - 225			
2022	< 125			



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 EPS	Return	earnings after tax and minority interests + depreciation/amortization from purchase price allocation +/- special items
	Shares	average outstanding shares

Investor Relations



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Financial Calendar

- Interim Report January to September: 28 October 2011
- Annual General Meeting: 04 May 2012