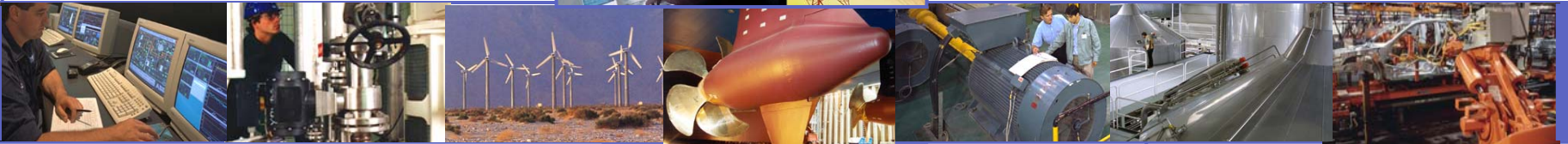


Dinesh Paliwal
Head of Automation
Technologies Division



2005 First Quarter Results

Automation Technologies



Safe-harbor statement

This presentation includes forward-looking information and statements that are subject to risks and uncertainties that could cause actual results to differ. These statements are based on current expectations, estimates and projections about global economic conditions, the economic conditions of the regions and industries that are major markets for ABB Ltd and ABB Ltd's lines of business. These expectations, estimates and projections are generally identifiable by statements containing words such as "expects," "believes," "estimates" or similar expressions. Important factors that could cause actual results to differ materially from those expectations include, among others, economic and market conditions in the geographic areas and industries that are major markets for ABB's businesses, market acceptance of new products and services, changes in governmental regulations, interest rates, and fluctuation in currency exchange rates. Although ABB Ltd believes that its expectations reflected in any such forward looking statement are based upon reasonable assumptions, it can give no assurance that those expectations will be achieved.



Overview: Automation Technologies



Automation Products

- Low-voltage products and systems, motors, instrumentation, drives, power electronics
- Main customers: Industry, construction, transportation
- 2004 revenues: \$5.2 bn
- Employees: 28,500



Process Automation

- Integrated process control and information management systems, service
- Main customers: Pulp & paper, minerals, chemicals & pharma, oil & gas, utilities, marine & turbocharging
- 2004 revenues: \$4.4 bn
- Employees: 20,500



Manufacturing Automation

- Robotics products, systems, services
- Main customers: Automotive manufacturers and sub-suppliers, other manufacturers
- 2004 revenues: \$1.4 bn
- Employees: 6,000

Revenue development Q1 2005

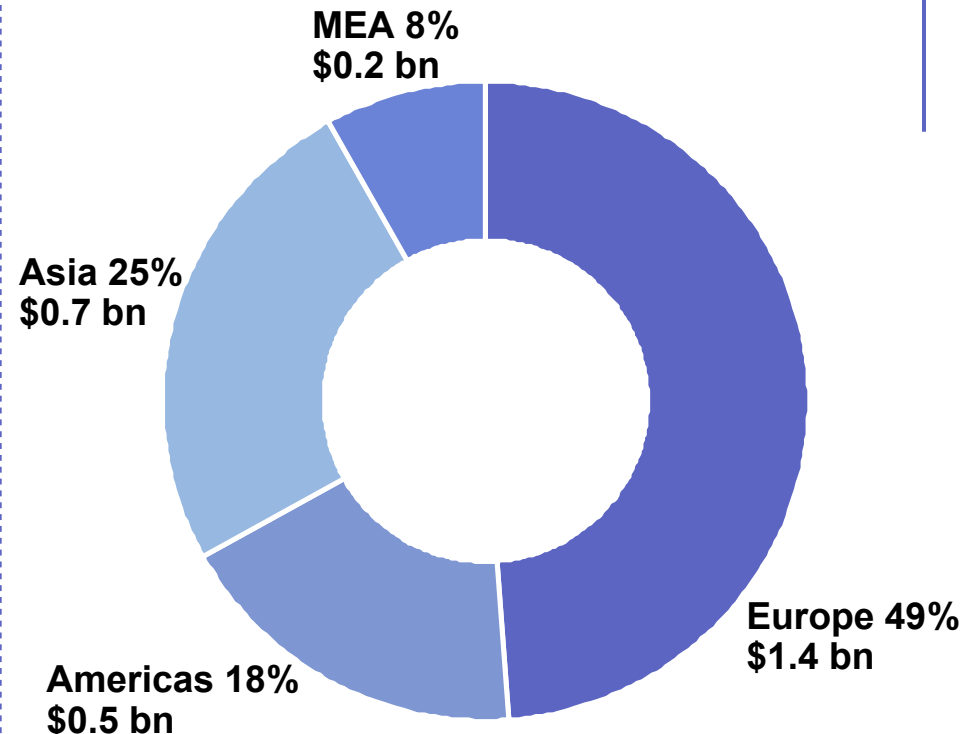
Region

- Strong growth in E. Europe, W. Europe flat
- Double-digit growth in Americas
- Continued double-digit growth in Asia led by India and China
- Double-digit growth in Middle East and Africa

Industry

- Oil & Gas, Chemicals and metals & mining continued growth
- Pulp & paper revenues increased
- Automotive revenues continued growing; packaging & electronics also picked up

Q1 2005 revenues
by destination region



Q1 business overview: Growth in all BAs



Automation Products

- Order Increase in all regions
- India demand grew across all major product groups
- 15% revenue growth led by drives, power electronics, LV systems and machines



Process Automation

- Strong base and large order growth
- Revenue growth in chem/pharma, oil and gas and pulp and paper
- India increased revenues by nearly 80%



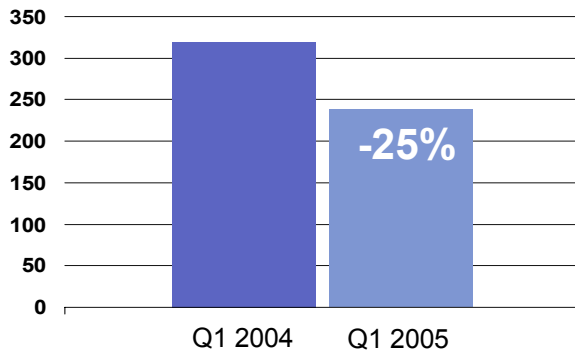
Manufacturing Automation

- Orders up almost 20%, Americas up more than 100%
- Demand down in Europe
- 9% revenue growth led by robot products and automotive products

Improved order performance in Q1 2005

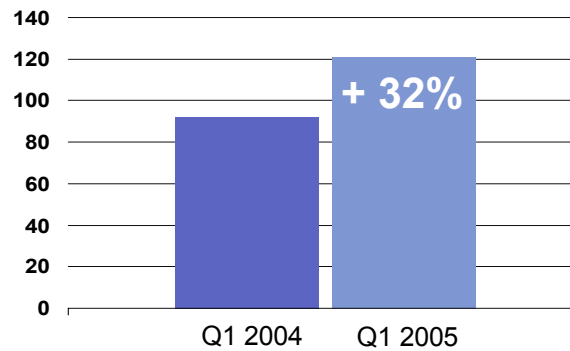
Nominal rates – consolidated division numbers

China



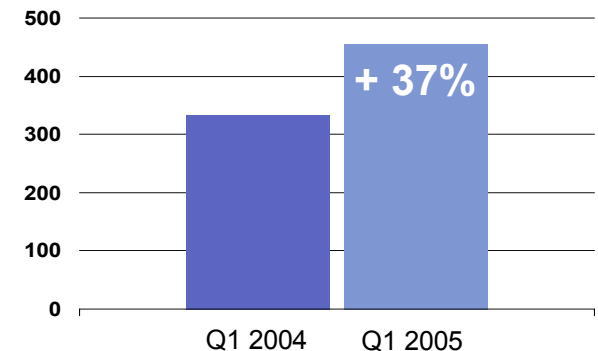
- Q1 2004 extremely strong

Central/Eastern Europe



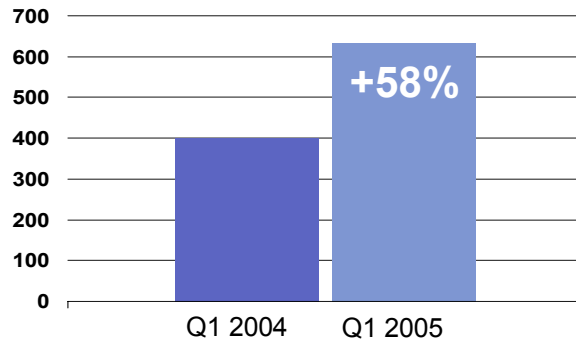
- Increase in metals & mineral market and Performance Services

Asia excl. China



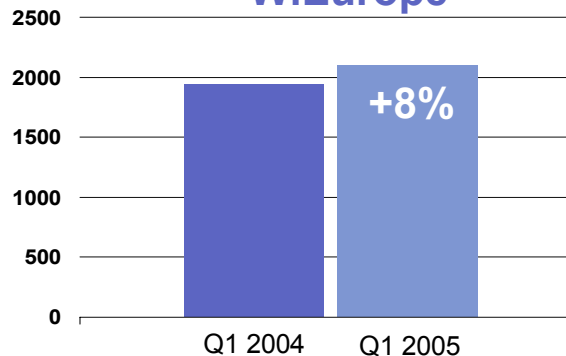
- Strong growth in India

Americas



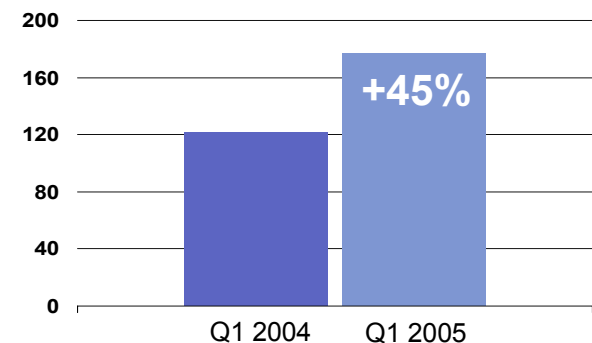
- Strong increase in both North and South America

W.Europe



- Strong large order growth

MEA



- Increase in Automation Products and Process Automation

2005 Q1 summary - Automation Technologies

US\$ millions	Q1 05	Q1 04	Change*	Local
Orders	3,524	2,995	18%	11%
Revenues	2,817	2,498	13%	7%
EBIT	307	216	42%	
EBIT Margin	10.9%	8.6%		
Cash flow from operations	131	163		

* Nominal

- Ten straight quarters of top and bottom line growth
- Orders and revenues up across all business areas and regions
- Substantial margin improvement in all business areas
- Cost migration critical for continuous improvement and restructuring expected to increase throughout remainder of 2005
- Cash flow reflects increased working capital to support sales growth

Market expectations for 2005

Regions

- **W. Europe:** Modest growth across most customer segments; automotive to remain flat
- **E. Europe:** Continued strong growth
- **Americas:** Higher demand seen in most sectors in North America; strong growth in Latin America
- **Asia:** In China and India, strong demand continues in most sectors, although some slowdown compared to 2004 growth rate
- **Middle East and Africa:** Growth, especially in minerals and chemicals

Business Areas

- **Automation Products:** Steady demand improvement across most industries; building industry remains sluggish in Europe
- **Process Automation:** Strongest sectors will be Marine, Minerals, Chemicals, and Pharmaceuticals; Oil & Gas to remain on current high level; Pulp & Paper still flat
- **Manufacturing Automation:** U.S. and Asia automotive to maintain momentum, little improvement seen in Europe



Revenue growth and EBIT margin targets*

Automation Technologies

	2003	2004	Q1 2005	Target 2005
Revenue growth <i>(local)</i>	2.8%	6.3%	6.6%	3.3%**
EBIT margin <i>(nominal)</i>	7.7%	9.3%	10.9%	10.7%

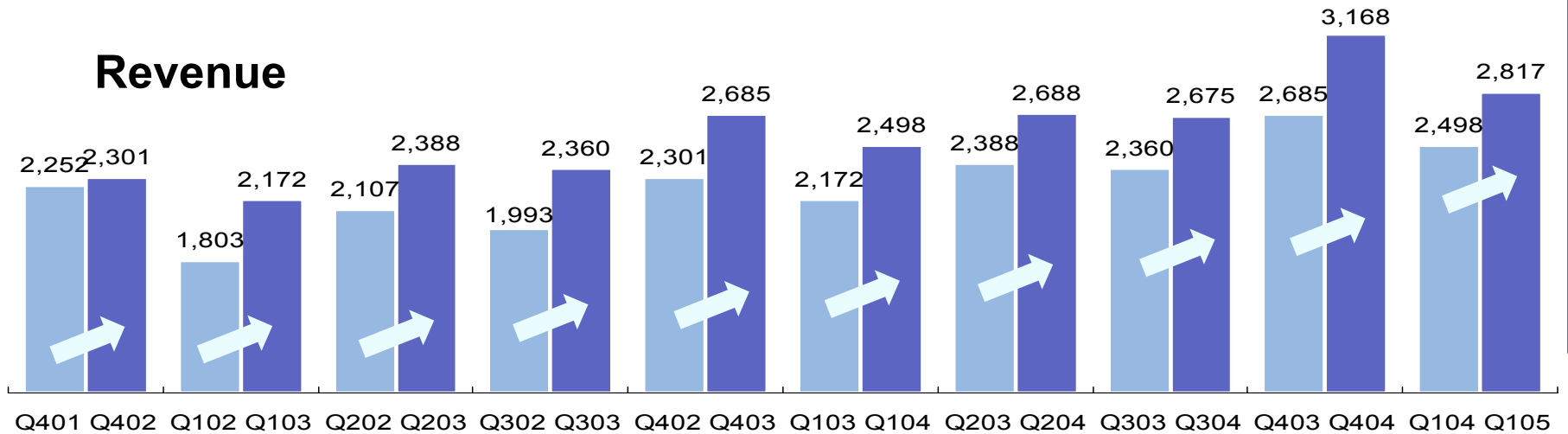
* Targets exclude major acquisitions, divestments and business closures.

** Compound annual growth rate 2002-2005

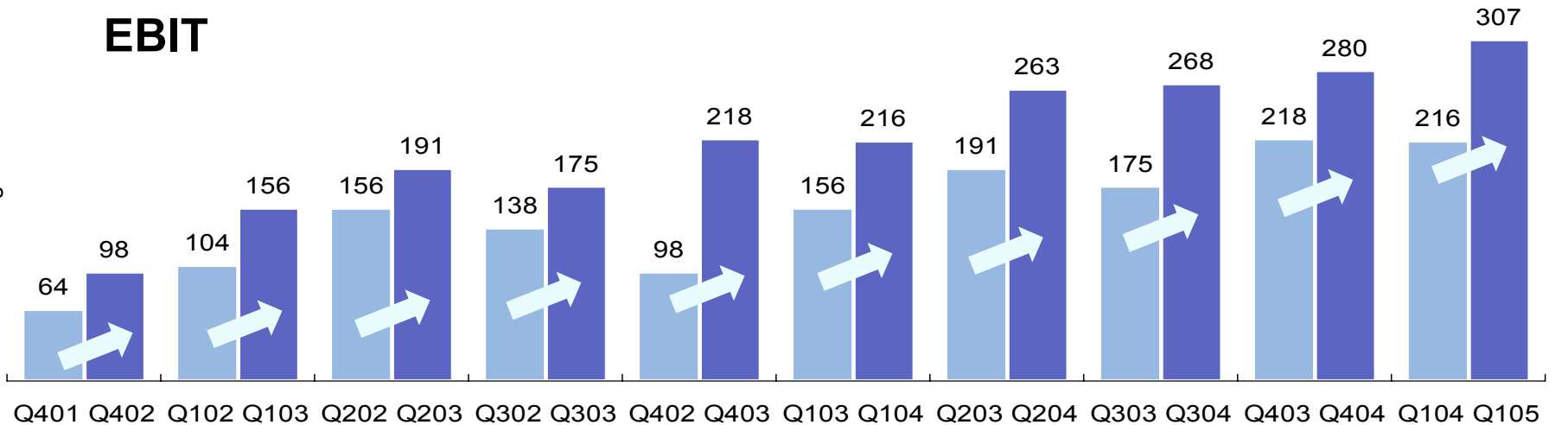


Validating our strategy across ten straight quarters

Revenue



EBIT



ABB

Macro trends for 2005 and beyond



North America

- Industrial growth expected to continue in most sectors at least through 2005



Europe

- Positive development expected in most countries, slower in Germany, strong in eastern Europe



China

- GDP strong enough to sustain growth, even with some cooling down through government measures



India

- GDP growth to accelerate further in 2005

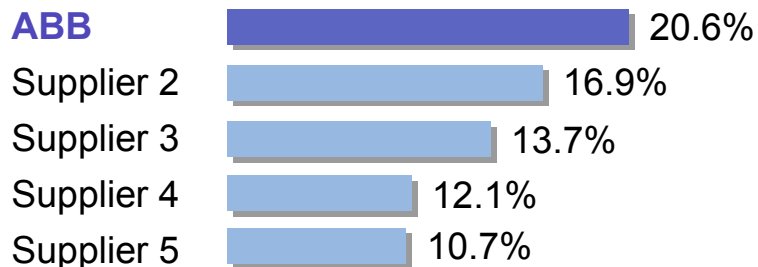


Middle East/Africa

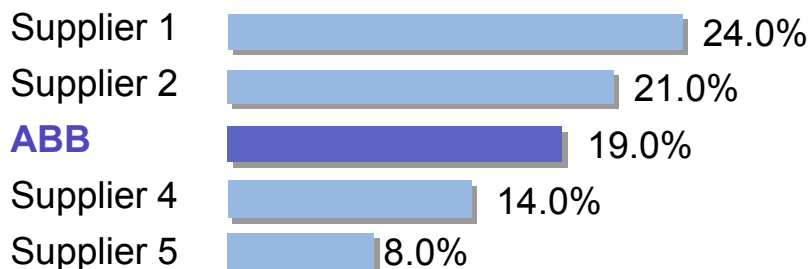
- Strength in oil & gas continues to drive growth at current pace

Automation product market positions

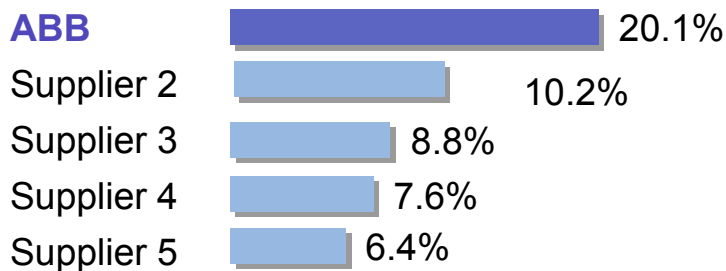
Distributed Control Systems



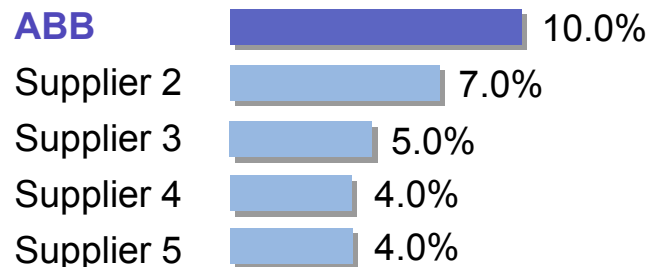
Robotics



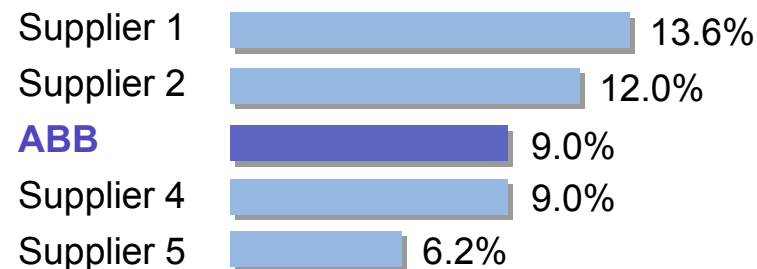
High-Power AC Drives



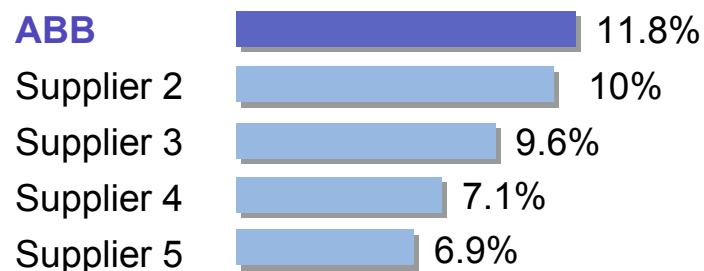
Electrical Machines



Low Voltage Products



Low-Power AC Drives

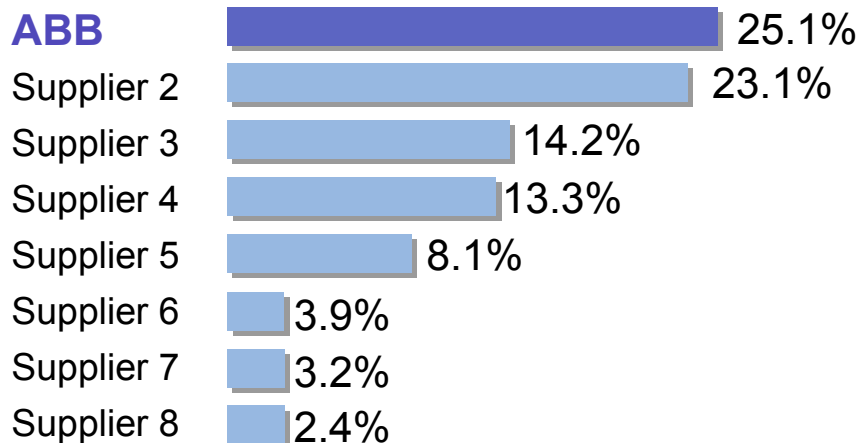


Source: ARC Advisory Group and ABB - Chart Date 16 Feb 05
DCS and Robotics Data: 2003 Revenues; Others: 2002 Revenues

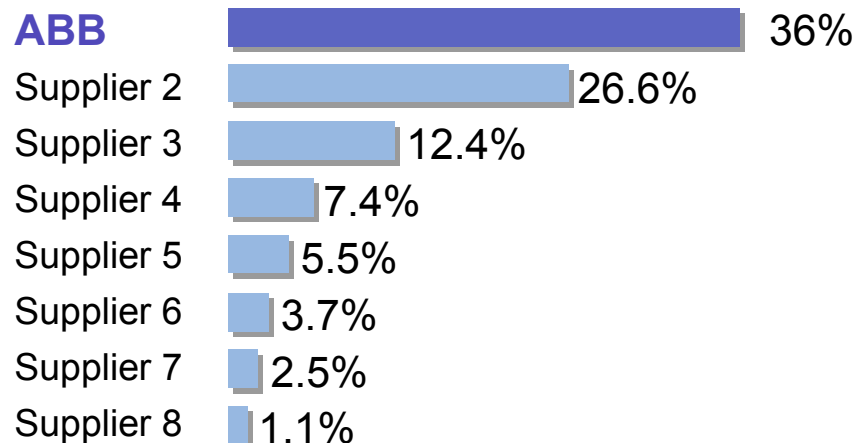


Automation industry market positions

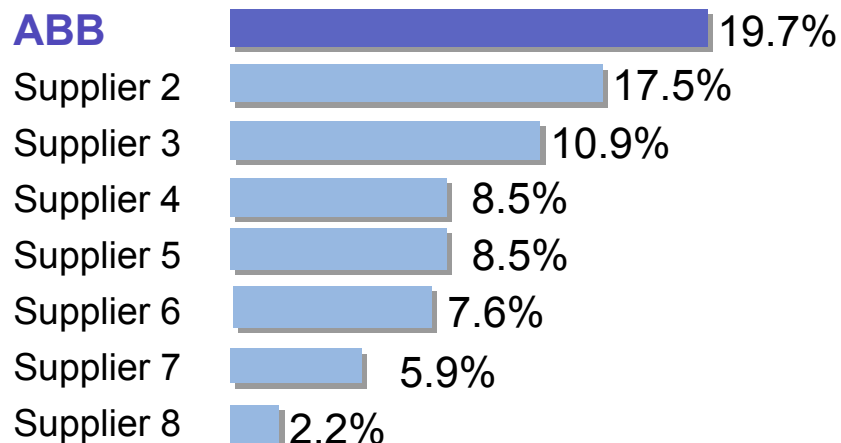
Power Industry



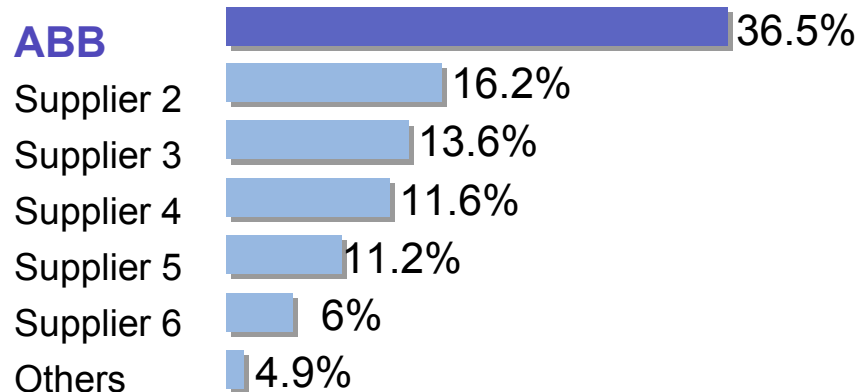
Pulp & Paper



Cement & Glass



Oil & Gas



Source: ARC Advisory Group (2003 revenues) Chart Date 16 Feb 05

