

RISK FACTORS

You should carefully consider all of the information set forth in this report and the following description of risks and uncertainties that we currently believe may exist. Our business, financial condition or results of operations could be adversely affected by any of these risks. Additional risks of which we are unaware or that we currently deem immaterial may also impair our business operations. This annual report also contains forward-looking statements that involve risks and uncertainties. Our results could differ materially from those anticipated in these forward-looking statements as a result of certain factors, including those described below and elsewhere in this annual report. See "Forward-Looking Statements."

Illegal behavior by any of our employees or agents could have a material impact on our consolidated operating results, cash flows, and financial position as well as on our reputation and our ability to do business.

Certain of our employees or agents have taken, and may in the future take, actions that violate or are alleged to violate the U.S. Foreign Corrupt Practices Act of 1977 ("FCPA"), legislation promulgated pursuant to the 1997 Organisation for Economic Co-operation and Development ("OECD") Convention on Combating Bribery of Foreign Public Officials in International Business Transactions, applicable antitrust laws and other applicable laws or regulations. For more information regarding investigations of past actions taken by certain of our employees, see "Item 8. Financial Information—Legal Proceedings." Such actions have resulted, and in the future could result, in governmental investigations, enforcement actions and civil and criminal penalties, including monetary penalties or other sanctions. It is possible that any governmental investigation or enforcement action arising from these matters could conclude that a violation of applicable law has occurred and the consequences of any such investigation or enforcement action may have a material impact on our consolidated operating results, cash flows and financial position. In addition, such actions, whether actual or alleged, could damage our reputation and ability to do business.

Further, detecting, investigating and resolving such actions could be expensive and could consume significant time and attention of our senior management. While we are committed to conducting business in a legal and ethical manner, our internal control systems have not been, and in the future may not be, completely effective to prevent and detect such improper activities by our employees and agents.

Our business is affected by global economic and political conditions.

Adverse changes in economic or political conditions could have a material adverse effect on our business, financial condition, results of operations and liquidity. The business environment is influenced by numerous political uncertainties, which will continue to affect the global economy and the international capital markets. In periods of slow economic growth or decline, our customers are more likely to decrease expenditures on the types of products and systems we supply and we are more likely to experience decreased revenues as a result. Our Power Products and Power Systems divisions are affected by the level of investments by utilities, and our Process Automation, Automation Products, and Robotics divisions are affected by conditions in a broad range of industries, including the automotive, pharmaceutical, pulp and paper, metals and minerals and manufacturing and consumer industries.

In addition, we are subject to the risks that our business operations in or with certain countries, including those identified as state sponsors of terrorism, may be adversely effected by trade or economic sanctions or other restrictions imposed on these countries and that actual or potential investors that object to these business operations may adversely effect the price of our shares by disposing of or deciding not to purchase our shares.

Our operations in emerging markets expose us to risks associated with conditions in those markets.

An increasing amount of our operations are conducted in the emerging markets of Latin America, Asia, the Middle East and Africa. In 2007, approximately 41 percent of our consolidated revenues were generated from these emerging markets. Operations in emerging markets can present risks that are not encountered in countries with well-established economic and political systems, including:

- Economic instability, which could make it difficult for us to anticipate future business conditions in these markets, cause delays in the placement of orders for projects that we have been awarded and subject us to volatile geographic markets;
- Political or social instability, which makes our customers less willing to make cross-border investments in such regions and complicates our dealings with governments regarding permits or other regulatory matters, local businesses and workforces;
- Boycotts and embargoes that may be imposed by the international community on countries in which we operate, which could adversely affect the ability of our operations in those countries to obtain the materials necessary to fulfill contracts and our ability to pursue business or establish operations in those countries;
- Foreign state takeovers of our facilities in these countries;
- Significant fluctuations in interest rates and currency exchange rates;
- The imposition of unexpected taxes or other payments on our revenues in these markets;
- The ability to obtain financing and/or insurance coverage from export credit agencies; and
- The introduction of exchange controls and other restrictions by foreign governments.

In addition, the legal and regulatory systems of many emerging market countries are less developed and less well-enforced than in industrialized countries. Therefore, our ability to protect our contractual and other legal rights in these countries could be limited. Consequently, our exposure to the conditions in or affecting emerging markets may adversely affect our business, financial condition, results of operations and liquidity.

Undertaking long-term fixed price or turnkey projects exposes our businesses to risk of loss should our actual costs exceed our estimated or budgeted costs.

We derive a portion of our revenues from long-term, fixed price or turnkey projects that are awarded on a competitive basis and can take many months, or even years, to complete. Such contracts involve substantial risks, including the possibility that we may underbid and the fact that we typically assume substantially all of the risks associated with completing the project and the post-completion warranty obligations. These risks include the project's technical risk, meaning that we must tailor our products and systems to satisfy the technical requirements of a project even though, at the time we are awarded the project, we may not have previously produced such a product or system. The revenue, cost and gross profit realized on such contracts can vary, sometimes substantially, from our original projections because of changes in conditions, including but not limited to:

- Unanticipated technical problems with the equipment being supplied or developed by us which may require us to incur incremental expenses to remedy the problem;
- Changes in the cost of components, materials or labor;
- Difficulties in obtaining required governmental permits or approvals;
- Project modifications which create unanticipated costs;
- Delays caused by local weather conditions;
- Customer delays;
- Shortages of construction equipment;
- Supply bottlenecks, especially of key components; and
- Suppliers' or subcontractors' failure to perform.

These risks are exacerbated if the duration of the project is extended because there is an increased risk that the circumstances upon which we originally bid and developed a price will change in a manner that increases our costs. In addition, we sometimes bear the risk of delays caused by unexpected conditions or events. Our project contracts often make us subject to penalties if we cannot complete portions of the project in accordance with agreed-upon time limits and guaranteed performance levels.

Our international operations expose us to the risk of fluctuations in currency exchange rates.

Exchange rate fluctuations have had, and could continue to have, a material impact on our operating results, the comparability of our results between periods, the value of assets or liabilities as recorded on our Consolidated Balance Sheet and the price of our securities. Changes in exchange rates can unpredictably and adversely affect our consolidated operating results, and could result in exchange losses.

Currency Translation Risk. The results of operations and financial position of most of our non-U.S. companies are initially recorded in the currency, which we call "local currency," of the country in which the respective company resides. That financial information is then translated into U.S. dollars at the applicable exchange rates for inclusion in our Consolidated Financial Statements. The exchange rates between local currencies and the U.S. dollar can fluctuate substantially, which could have a significant translation effect on our reported consolidated results of operations and financial position.

Increases and decreases in the value of the U.S. dollar versus local currencies will affect the reported value of our local currency assets, liabilities, revenues and costs in our Consolidated Financial Statements, even if the value of these items has not changed in local currency terms. These translations could significantly and adversely affect our results of operations and financial position from period to period.

Currency Transaction Risk. Currency risk exposure also affects our operations when our sales are denominated in currencies that are different from those in which our manufacturing or sourcing costs are incurred. In this case, if after the parties agree on a price, the value of the currency in which the price is to be paid were to weaken relative to the currency in which we incur manufacturing or sourcing costs, there would be a negative impact on the profit margin for any such transaction. This transaction risk may exist regardless of whether or not there is also a translation risk as described above.

Currency exchange rate fluctuations in those currencies in which we incur our principal manufacturing expenses or sourcing costs may adversely affect our ability to compete with companies whose costs are incurred in other currencies. If our principal expense currencies appreciate in value against such other currencies, our competitiveness may be weakened.

Our hedging activities may not protect us against the consequences of significant fluctuations in exchange rates, interest rates or commodity prices on our earnings and cash flows.

Our policy is to hedge material currency exposures by entering into offsetting transactions with third party financial institutions. Given the effective horizons of our risk management activities and the anticipatory nature of the exposures intended to be hedged, there can be no assurance that our currency hedging activities will fully offset the adverse financial impact resulting from unfavorable movements in foreign exchange rates. In addition, the timing of the accounting for recognition of gains and losses related to a hedging instrument may not coincide with the timing of gains and losses related to the underlying economic exposures.

As a resource-intensive operation, we are exposed to a variety of market and asset risks, including the effects of changes in commodity prices and interest rates. We monitor and manage these exposures as an integral part of our overall risk management program, which recognizes the unpredictability of

markets and seeks to reduce the potentially adverse effects on our business. Nevertheless, changes in commodity prices and interest rates cannot always be predicted or hedged.

If we are unable to successfully manage the risk of changes in exchange rates, interest rates or commodity price fluctuations or if our hedging counterparties are unable to perform their obligations under our hedging agreements with them, then substantial changes in these rates and prices could have an adverse effect on our financial condition and results of operations.

Increases in the costs of our raw materials may adversely affect our financial performance.

We purchase large amounts of commodity-based raw materials, including steel, copper, aluminum, and oil. Prevailing prices for such commodities are subject to fluctuations due to changes in supply and demand and a variety of additional factors beyond our control, such as global political and economic conditions. Historically, prices for some of these raw materials have been volatile and unpredictable, and such volatility is expected to continue. Therefore, commodity price changes may result in unexpected increases in raw material costs, and we may be unable to increase our prices to offset these increased costs without suffering reduced volumes, revenues or operating income. We do not fully hedge against changes in commodity prices and our hedging procedures may not work as planned.

We depend on third parties to supply raw materials and other components and may not be able to obtain sufficient quantities of these materials and components, which could limit our ability to manufacture products on a timely basis and could harm our profitability. We rely on a single supplier or a small number of suppliers to provide us with some raw materials and components. If one of these suppliers were unable to provide us with a raw material or component we need, our ability to manufacture some of our products could be adversely affected until we are able to establish a new supply arrangement. We may be unable to find a sufficient alternative supply channel in a reasonable time period or on commercially reasonable terms, if at all. If our suppliers are unable to deliver sufficient quantities of materials on a timely basis, the manufacture and sale of our products may be disrupted, we might have obligations under our performance guarantees and our sales and profitability could be materially adversely affected.

The weakening or unavailability of our intellectual property rights could adversely affect our business.

The weakening or unavailability of our trademarks, trade dress, patents and other intellectual property rights could adversely affect our business. Our intellectual property rights are fundamental to all of our businesses. We generate, maintain, utilize and enforce a substantial portfolio of trademarks, trade dress, patents and other intellectual property rights. We use our intellectual property rights to protect the goodwill of our products, promote our product recognition, protect our proprietary technology and development activities, enhance our competitiveness and otherwise support our business goals and objectives. However, there can be no assurance that the steps we take to obtain, maintain and protect our intellectual property rights will be adequate. Our intellectual property rights may fail to provide us with significant competitive advantages, particularly in foreign jurisdictions that do not have, or do not enforce, strong intellectual property rights.

We operate in very competitive markets and could be adversely affected if we fail to keep pace with technological changes.

We operate in very competitive environments in several specific respects, including product performance, developing integrated systems and applications that address the business challenges faced by our customers, pricing, new product introduction time and customer service. The relative importance of these factors differs across the geographic markets and product areas that we serve. The markets for our products and services are characterized by evolving industry standards (particularly for our automation technology products and systems), rapidly changing technology and increased competition

as a result of privatization (particularly for our power products and systems). For example, for a number of years, power transmission and distribution providers throughout the world have been undergoing substantial privatization. This has increased their need for timely product and service innovations that increase efficiency and allow them to compete in a deregulated environment. Additionally, the continual development of advanced technologies for new products and product enhancements is an important way in which we maintain acceptable pricing levels. If we fail to keep pace with technological changes in the industrial sectors that we serve, we may experience price erosion and lower margins.

The principal competitors for our automation technology products, systems and services include Emerson Electric Co., Honeywell International, Inc., Invensys plc, Schneider Electric S.A. and Siemens AG. We primarily compete with Areva S.A., Schneider Electric SA and Siemens AG in sales of our power technology products and systems to our utilities customers. The principal competitors with our Robotics business include Fanuc Robotics, Inc, Kuka Robot Group and Yaskawa Electric Corporation. All of our primary competitors are sophisticated companies with significant resources that may develop products and services that are superior to our products and services or may adapt more quickly than we do to new technologies, industry changes or evolving customer requirements. Our failure to anticipate or respond quickly to technological developments or customer requirements could adversely affect our business, results of operations, financial condition and liquidity.

Industry consolidation could result in more powerful competitors and fewer customers.

Competitors in the industries in which our business divisions operate are consolidating. In particular, the automation industry is undergoing consolidation that is reducing the number but increasing the size of companies that compete with us. As our competitors consolidate, they likely will increase their market share, gain economies of scale that enhance their ability to compete with us and/or acquire additional products and technologies that could displace our product offerings.

Our customer base also is undergoing consolidation. Consolidation within our customers' industries (such as the marine and cruise industry, the automotive, aluminum, steel, pulp and paper, pharmaceutical industries and the oil and gas industry) could affect our customers and their relationships with us. If one of our competitors' customers acquires any of our customers, we may lose its business. Additionally, as our customers become larger and more concentrated, they could exert pricing pressure on all suppliers, including ABB. For example, in an industry such as power transmission, which historically has consisted of large and concentrated customers such as utilities, price competition can be a factor in determining which products and services will be selected by a customer.

We are subject to environmental laws and regulations in the countries in which we operate. We incur costs to comply with such regulations, and our ongoing operations may expose us to environmental liabilities.

Our operations are subject to U.S., European and other laws and regulations governing the discharge of materials into the environment or otherwise relating to environmental protection. Our manufacturing facilities use and produce paint residues, solvents, metals, oils and related residues. We use petroleum-based insulation in transformers, PVC resin to manufacture PVC cable and chloroparaffine as a flame retardant. We use inorganic lead as a counterweight in robots that we produce. We have manufactured and sold, and we are using in some ABB factories, certain types of transformers and capacitors containing PCBs. These are considered to be hazardous substances in many jurisdictions in which we operate. We may be subject to substantial liabilities for environmental contamination arising from the use of such substances. All of our manufacturing operations are subject to ongoing compliance costs in respect of environmental matters and the associated capital expenditure requirements.

In addition, we may be subject to significant fines and penalties if we do not comply with environmental laws and regulations including those referred to above. Some environmental laws provide for joint and several strict liability for remediation of releases of hazardous substances, which could result in us incurring a liability for environmental damage without regard to our negligence or fault. Such laws and regulations could expose us to liability arising out of the conduct of operations or conditions caused by others, or for our acts which were in compliance with all applicable laws at the time the acts were performed. Additionally, we may be subject to claims alleging personal injury or property damage as a result of alleged exposure to hazardous substances. Changes in the environmental laws and regulations, or claims for damages to persons, property, natural resources or the environment, could result in substantial costs and liabilities to us.

We may be the subject of product liability claims.

We may be required to pay for losses or injuries purportedly caused by the design, manufacture or operation of our products and systems. Additionally, we may be subject to product liability claims for the improper installation of products and systems designed and manufactured by others.

Product liability claims brought against us may be based in tort or in contract, and typically involve claims seeking compensation for personal injury or property damage. If the claimant runs a commercial business, claims are often made also for financial losses arising from interruption of operations. Based on the nature and application of many of the products we manufacture, a defect or alleged defect in one of these products could have serious consequences. For example:

- If the products produced by our Power Products and Power Systems divisions are defective, there is a risk of fires, explosions and power surges and significant damage to electricity generating, transmission and distribution facilities.
- If the products produced by our Automation Products and Process Automation divisions are defective, our customers could suffer significant damage to facilities that rely on these products and systems to properly monitor and control their manufacturing processes.
- If the products produced by our Robotics division malfunction, then they could injure persons or damage other equipment or facilities.

If we were to incur a very large product liability claim, our insurance protection might not be adequate or sufficient to cover such a claim in terms of paying any awards or settlements, and/or paying for our defense costs. Further, some claims may be outside the scope of our insurance coverage. If a litigant were successful against us, a lack or insufficiency of insurance coverage could result in an adverse effect on our business, financial condition, results of operations and liquidity. Additionally, a well-publicized actual or perceived problem could adversely affect our market reputation which could result in a decline in demand for our products.

We may encounter difficulty in managing our business due to the global nature of our operations.

We operate in approximately 100 countries around the world and, as of December 31, 2007, employed approximately 112,000 people. As of December 31, 2007, approximately 53 percent of our employees were located in Europe, approximately 17 percent in the Americas, approximately 23 percent in Asia and approximately 7 percent in the Middle East and Africa. In order to manage our day-to-day operations, we must overcome cultural and language barriers and assimilate different business practices. In addition, we are required to create compensation programs, employment policies and other administrative programs that comply with the laws of multiple countries. We also must communicate and monitor group-wide standards and directives across our global network. Our failure to successfully manage our geographically diverse operations could impair our ability to react quickly to changing business and market conditions and to enforce compliance with group-wide standards and procedures.

We have retained liability for environmental remediation costs relating to businesses that we sold in 2000, and we could be required to make payments in respect of these retained liabilities in excess of established provisions.

We have retained liability for environmental remediation costs at two sites in the United States that were operated by our nuclear technology business, which we sold in April 2000 to British Nuclear Fuels plc ("BNFL"). We have retained all environmental liabilities associated with our Combustion Engineering subsidiary's Windsor, Connecticut facility and a portion of the liabilities associated with our former ABB C-E Nuclear Power, Inc. subsidiary's Hematite, Missouri facility. The primary environmental liabilities associated with these sites relate to the costs of remediating radiological and chemical contamination upon decommissioning the facilities. Based on information that BNFL has made available, we believe remediation may take until 2013 at the Hematite site and until 2011 at the Windsor site. At the Windsor site, we believe that a significant portion of such remediation costs will be the responsibility of the U.S. government pursuant to U.S. federal law, although the exact amount of such responsibility cannot reasonably be estimated. In connection with the sale of the nuclear business in April 2000, we established a provision of \$300 million in respect of estimated remediation costs related to these facilities. Expenditures charged to the remediation provision were \$3 million and \$4 million during 2007 and 2006, respectively. The provision balance was \$245 million and \$251 million at December 31, 2007 and 2006, respectively. It is possible that we could be required to make expenditures in excess of the provision in amounts that cannot reasonably be estimated. See "Item 5. Operating and Financial Review and Prospects—Environmental Liabilities."

If we fail to make the payments required under the Modified Plan of Reorganization for Combustion Engineering we could trigger an injunction default which would lead to the termination of the channeling injunction under the CE Plan.

Our Combustion Engineering, Inc. subsidiary ("CE") had been a co-defendant in a large number of lawsuits claiming damage for personal injury resulting from exposure to asbestos. Since early 2003, we and our subsidiaries have been seeking to resolve our asbestos-related personal injury liabilities related to CE. A plan of reorganization for CE was filed under Chapter 11 of the U.S. Bankruptcy Code and during 2006, the CE Plan became effective.

On the effective date of the CE Plan, the U.S. Bankruptcy Court issued an injunction, referred to as a channeling injunction, pursuant to which all asbestos-related personal injury claims against ABB Ltd and certain entities in the ABB group (including CE) arising out of CE's business operations will be settled or otherwise satisfied from the proceeds of the trust established for such purposes.

Under the CE Plan, ABB Ltd and certain of its subsidiaries have payment obligations. Failure to satisfy those payment obligations could lead to an injunction default which would lead to the termination of the channeling injunction under the plan. In such case, all claims which were previously subject to the injunction would need to be resolved through the tort system. This could also cause our credit ratings to be downgraded, restrict our access to the capital markets or otherwise have a material adverse effect on our financial condition, results of operations, cash flows and liquidity.

If we are unable to obtain performance guarantees from financial institutions, we may be prevented from bidding on, or obtaining, some contracts, or our costs with respect to such contracts could be higher.

In the normal course of our business and in accordance with industry practice, we provide performance guarantees on large projects, including long-term operation and maintenance contracts, which guarantee our own performance. These guarantees may include guarantees that a project will be completed or that a project or particular equipment will achieve defined performance criteria. If we fail to attain the defined criteria, we must make payments in cash or in kind. Performance guarantees frequently are requested in relation to bids for large projects in our core power and automation businesses.

Some customers require that performance guarantees be issued by a financial institution in the form of a letter of credit, surety bond or other financial guarantee. In considering whether to issue a guarantee on our behalf, financial institutions consider our credit ratings. If, in the future, we cannot obtain such a guarantee from a financial institution on reasonable terms, we could be prevented from bidding on or obtaining some contracts or our costs with respect to such contracts could be higher, which would reduce the profitability of the contracts. If we cannot obtain guarantees on commercially reasonable terms from financial institutions in the future, there could be a material impact on our business, financial condition, results of operations or liquidity.

If we cannot successfully implement the planned integration of our different ERP systems, then we may be unable to produce reliable accounts, and our business and reputation may be adversely affected.

In a number of specific countries, we are integrating our various ERP systems into country-wide ERPs in an effort to standardize and consolidate our accounting and reporting processes. A significant portion of these system integrations will occur during 2008 and 2009. If we cannot successfully implement the planned integration activities, we may be unable to produce reliable accounts and our business and reputation may be adversely affected.

If we are unable to successfully adapt our internal controls over financial reporting to changes in circumstance, our ability to report our financial results on a timely and accurate basis may be adversely affected. As a result, investors could lose confidence in our financial reporting, which may harm our business and the trading price of our stock.

We are required to include in this Annual Report on Form 20-F a report by our management regarding the effectiveness of our internal control over financial reporting. The report includes, among other things, an assessment of the effectiveness of our internal control over financial reporting as of the end of our fiscal year. This assessment must include disclosure of any material weaknesses in our internal control over financial reporting identified by management.

If we are unable to conclude that our internal control over financial reporting is effective in any future period (or if our auditors are unable to express an opinion on the effectiveness of our internal controls), we could lose investor confidence in the accuracy and completeness of our financial reports, which may have an adverse effect on our stock price.

If we are unable to attract and retain qualified management and personnel then our business may be adversely affected.

Our success depends in part on the abilities of our personnel, particularly our senior management team and key employees. If we are unable to attract and retain members of our senior management team and key employees this could have an adverse effect on our business.

Item 4. Information on the Company

INTRODUCTION

We are a global provider of power and automation technologies that enable utility and industry customers to improve performance while lowering environmental impact. We serve electric, gas and water utilities, as well as industrial and commercial customers, with a broad range of products, systems and services for power transmission, distribution and power plant automation. We also deliver automation systems for measurement, control, motion, protection and plant optimization across a full range of industries. We apply our expertise to develop creative ways of integrating our products and systems with our customers' business processes to enhance their productivity and efficiency.

History of the ABB Group

The ABB Group was formed in 1988 through a merger between Asea AB and BBC Brown Boveri AG. Initially founded in 1883, Asea AB was a major participant in the introduction of electricity into Swedish homes and businesses and in the development of Sweden's railway network. In the 1940s and 1950s, Asea AB expanded into the power, mining and steel industries. Brown Boveri & Cie. (later renamed BBC Brown Boveri AG) was formed in Switzerland in 1891 and initially specialized in power generation and turbines. In the early to mid-1900s, it expanded its operations throughout Europe and broadened its business operations to include a wide range of electrical engineering activities.

In January 1988, Asea AB and BBC Brown Boveri AG each contributed almost all of their businesses to newly formed ABB Asea Brown Boveri Ltd, of which they each owned 50 percent. In 1996, Asea AB was renamed ABB AB and BBC Brown Boveri AG was renamed ABB AG. In February 1999, the ABB Group announced a group reconfiguration designed to establish a single parent holding company and a single class of shares. ABB Ltd was incorporated on March 5, 1999, under the laws of Switzerland. In June 1999, ABB Ltd became the holding company for the entire ABB Group. This was accomplished by having ABB Ltd issue shares to the shareholders of ABB AG and ABB AB, the two publicly traded companies that formerly owned the ABB Group. The ABB Ltd shares were exchanged for the shares of those two companies, which, as a result of the share exchange and certain related transactions, became wholly owned subsidiaries of ABB Ltd, and are no longer publicly traded. ABB Ltd shares are currently listed on the SWX Swiss Exchange (traded on virt-x), the OMX Nordic Exchange Stockholm, and the New York Stock Exchange (in the form of American Depositary Shares).

Organizational Structure

Our business is international in scope and we generate revenues in numerous currencies. We operate in approximately 100 countries, and have structured our global organization into four regions: Europe, the Americas, Asia and the Middle East and Africa ("MEA"). We are headquartered in Zurich, Switzerland.

We manage our business based on a divisional structure. As of December 31, 2007, our core businesses comprised five divisions: Power Products, Power Systems, Automation Products, Process Automation and Robotics.