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Risk

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Mitigating risks

Hawiyah NGL Recovery Plant, Hawiyah field, Saudi Arabia
Aramco carefully manages risk through its risk management framework, with oversight provided by the Board of Director's Sustainability, Risk and HSE Committee.

The Company has constantly evolving systems in place to anticipate, prepare for, and respond to potential risks related to Aramco's operations and activities, its legal and regulatory environment, and the Kingdom.

Managing risk exposure

Risk objectives

Aramco operates in an industry characterized by market volatility, hazardous operations, and uncertain project outcomes. Taking informed risks is an inherent and necessary part of doing business. Aramco manages its strategic, operational, compliance, and financial risks by continuously assessing them and undertaking appropriate responses.

Risk management framework

The Board of Directors provides risk oversight as a component of its strategic leadership. The Sustainability, Risk and HSE Committee of the Board oversees the risk management framework and monitors specific risks.

The primary role of the Sustainability, Risk and HSE Committee is to monitor the Company's overall risk management and to assist the Board of Directors with:

(i) Leadership, direction, and oversight with respect to the Company's risk appetite, risk tolerance, risk framework, and risk strategy;

(ii) Governance and management of strategic, operational, sustainability, and ESG related risks; and,

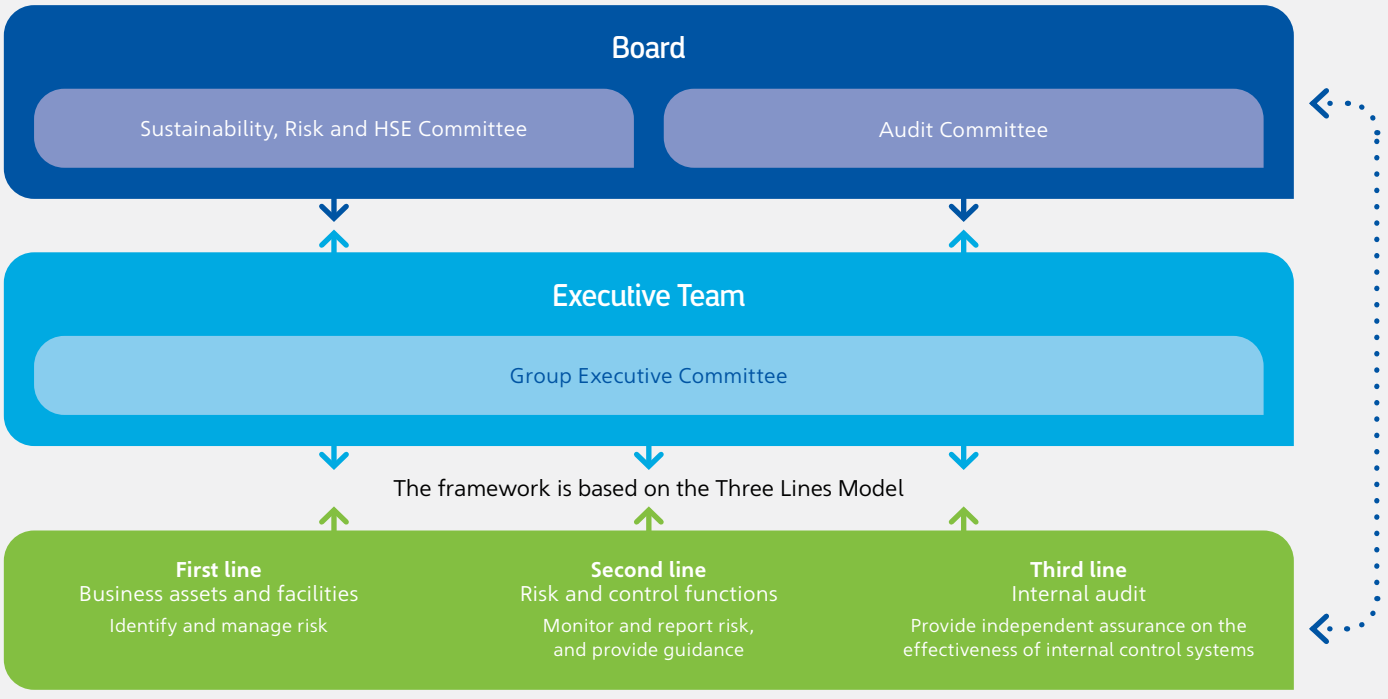
(iii) Fostering a culture within the Company that emphasizes and demonstrates the benefits of risk management.

Aramco's ERM framework consists of a set of policies, procedures, systems, and organizational structure to manage risks holistically, and follows the Three Lines Model. The operating businesses and support organizations form the first line, as risk owners, and have primary responsibility for identifying and managing their risks. The second line comprises dedicated risk management functions, responsible for monitoring and reporting on risks, and providing guidance to risk owners. Risk management functions include Loss Prevention, Environmental Protection, Information Security, Corporate Emergency Management and Continuity, Corporate Compliance, and Financial Risk Management organizations, as well as the Group Risk Management function. Internal Audit, as the third line, provides management and the Audit Committee with independent assurance on the effectiveness of internal control systems.

Aramco's Global ERM Policy requires subsidiaries[1] and operationally controlled entities to manage risks in a structured manner, overseen by their respective Boards of Directors. The same ERM principles and practices are recommended for affiliates that Aramco does not control.

Management-level oversight of the ERM framework is provided by the Group Executive Committee, chaired by the President & CEO. He also chairs the GHSSE Committee, which oversees health, safety,

Enterprise risk management framework



security, environmental, and cybersecurity risk management; the Group Strategy Committee, which reviews matters of strategic risk; and the Conflicts of Interest and Business Ethics Committee. Various other management-level committees oversee specific risk-related topics, such as the Sustainability Steering Committee.

Business risk assessment

The process by which individual organizations identify, assess, mitigate, monitor, and report risks to the achievement of business objectives is integrated into Aramco's annual planning cycle through a system based on ISO 31000 principles and guidelines. This includes the escalation, as appropriate, of risk ownership through Aramco's organizational levels, resulting in a hierarchy of risks from individual departmental risks to corporate risks. Annually, the Group Executive Committee reviews the composition of the top risks, taking into consideration risks reported from the businesses and a top-down assessment of emerging risks. The Group Executive Committee is updated quarterly on individual risks, and every year several risks are presented in detail to the Group Executive Committee and the Board's Sustainability, Risk and HSE Committee.

Decision making

To reduce planning uncertainty and help manage the variability of outcomes, Aramco has embedded risk assessment into its strategic and investment planning. Strategic scenarios are stress tested, and individual projects and investments pass through a gated decision process that includes risk assessments and value assurance reviews. This ensures risk-informed decisions related to potential opportunities are taken throughout the Company.

Principal risk categories

Risks related to Aramco's operations and activities

- Crude oil supply and demand
- Competitive environment
- Climate change
- Economic or political developments in Asia
- Operational risks and hazards
- Delivery of current and future projects
- Insufficient insurance
- Terrorism and armed conflict
- Hydrocarbon reserves
- Epidemics and pandemics
- Acquisition benefits and integration
- Operating in several countries
- Senior Management and key personnel
- Dependency on IT systems

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Risks related to the legal and regulatory environment

- Litigation
- Regulatory changes
- Sanctions and trade restrictions
- Government licenses and permits
- Environmental regulations
- Mechanism of equalization compensation

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Risks related to the Kingdom

- Government directive of MSC
- Domestic gas demand
- Hydrocarbon industry
- Political and social instability
- Pegging SAR to U.S. Dollar
- Government projects

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1. For the purpose of the Global ERM policy, Aramco defines subsidiaries as those entities that are classified as such under IFRS Accounting Standards.

Understanding risks

The following risks do not necessarily comprise all the risks affecting Aramco. There may be additional risks that Aramco is currently not aware of, or that Aramco currently believes are immaterial, which may in the future become material or affect Aramco's business, financial position and results of operations, or the market price of its securities. As a result of these and other risks, the forward-looking events and circumstances discussed in this Annual Report might not occur in the way Aramco expects, or at all. All forward-looking statements in this Annual Report should be considered in light of these explanations and shareholders should not put undue reliance on forward-looking statements.

The risks described in this section are not necessarily presented in order of priority based on their importance or expected effect on Aramco.

Risks related to Aramco's operations and activities

Crude oil supply and demand

Aramco's results of operations and cash flow are significantly impacted by international crude oil supply and demand and the price at which it sells crude oil.

Sales of crude oil are the largest component of Aramco's consolidated revenue and other income related to sales, accounting for 44.2% and 47.0% for the years ended December 31, 2025 and 2024, respectively. Accordingly, Aramco's results of operations and cash flow are significantly impacted by the price at which it sells crude oil.

International crude oil supply and demand and the sales price for crude oil are affected by many factors that are beyond Aramco's control, including:

- Market expectations with respect to future supply, demand, and price of petroleum and petroleum products;
- Global economic and political conditions and geopolitical events, including any that impact international trade (including trade routes) or other producing states;
- Decisions regarding production levels by the Kingdom or other producing states (the Kingdom is a member country of OPEC);
- The impact of natural disasters and public health pandemics or epidemics on supply and demand for crude oil, general economic conditions, and the ability to deliver crude oil;
- The discovery of new oil and gas supply sources and the ability of enhanced recovery from existing sources which were not previously considered economically viable;
- The development of new crude oil exploration, production, and transportation methods, or technological advancements in existing methods;
- Capital investments of oil and gas companies relating to the exploration, development, and production of crude oil reserves;
- The impact of climate change on the demand for, and price of, hydrocarbons (see risk – Climate change);
- Changes to environmental or other regulations or laws applicable to crude oil and related products or the energy industry (see risk – Environmental regulations);
- Prices and availability of alternative energies, including renewable energy;
- The electrification of transportation, technological developments in the cost or endurance of fuel cells for electric vehicles and changes in transportation-mode preferences;
- Weather conditions affecting supply and demand;
- Fluctuations in the value of the U.S. Dollar, the currency in which crude oil is priced globally; and,
- Crude oil trading activities.

International crude oil prices have fluctuated significantly in the past and may do so in the future. For example, Brent prices rose significantly in February 2022 in response to the Russia-Ukraine conflict, related international sanctions, and other macroeconomic factors. Since then, Brent prices generally fluctuated between $75 and $100 per barrel. As of December 31, 2025, the ICE Brent price was $60.9 per barrel[1].

Fluctuations in the price at which Aramco sells crude oil, have in the past and could in the future, cause its results of operations and cash flow to vary significantly. In addition, decreases in the price at which Aramco is able to sell its crude oil could have a material adverse effect on Aramco's results of operations and cash flow.

1. Market View, Intercontinental Exchange (ICE).

Competitive environment

Aramco operates in a highly competitive environment. Competitive pressure could have a material adverse impact on the price at which it sells crude oil and other products.

The sale of crude oil outside the Kingdom is very competitive. Aramco's primary competitors for the sale of crude oil outside the Kingdom include national and international oil companies, many of which have substantial crude oil reserves and financial resources. The primary factors affecting competition are the price, reliability, quantity, quality, and geographic location of crude oil produced. Increased competitive pressures could have a material adverse impact on prices at which Aramco can sell crude oil and its regional and global market share.

In addition, outside the Kingdom, refining and petrochemical plants in Aramco's Downstream segment are subject to competition in the geographies into which they sell refined and chemicals products. Competitors include, but are not limited to, refining and petrochemical plants located in, or in close proximity to, relevant markets, and in the case of refining and petrochemical plants that are net importers, from other international producers. Operating efficiencies and production costs are key factors affecting competition for refined and chemicals products. Accordingly, if the operating efficiencies and production costs of Aramco's refineries are not sufficiently competitive in the geographies they serve, Aramco's business, financial position, and results of operations could be materially and adversely impacted.

Climate change

Climate change concerns and impacts could reduce global demand for hydrocarbons and hydrocarbon-based products and could cause Aramco to incur costs or invest additional capital. In addition, Aramco may not fully meet its net-zero ambition to achieve Scope 1 and Scope 2 GHG emissions across its wholly-owned operated assets by 2050.

Climate change concerns manifested in public sentiment, government policies, laws and regulations, international agreements and treaties, lawsuits against energy companies, company net-zero and other ambitions, fossil fuel divestment campaigns, and other actions may reduce global demand for hydrocarbons and hydrocarbon-based products and propel a shift toward lower carbon intensity fossil fuels, such as gas, or alternative energy sources. In particular, increasing pressure on governments, businesses, organizations, and individuals to reduce GHG emissions has led to a variety of actions that aim to reduce the use of fossil fuels, and the implementation of international agreements to limit or reduce GHG emissions. In addition, the landscape of GHG related laws and regulations has been in a state of constant reassessment and it is difficult to predict the ultimate impact that GHG related laws, regulations, and international agreements will have on Aramco. Furthermore, jurisdictions in which Aramco operates or its products are sold that are not currently subject to GHG regulation may become regulated and existing GHG regulations, in other jurisdictions, may become more stringent. As climate change concerns grow, investors may choose to allocate their funds toward other investments, such as renewable energy projects. This shift in investment priorities may also reduce the capital available for hydrocarbon-based projects and exploration. A reduction in demand for hydrocarbons and hydrocarbon-based products or limitations on the ability to raise capital for new projects or investments on favorable terms could have a material adverse effect on Aramco's business, financial position, and results of operations.

In line with the Kingdom's announced aims and the Saudi Green Initiative Forum, Aramco announced its ambition to achieve net-zero Scope 1 and Scope 2 GHG emissions across its wholly-owned operated assets by 2050 to support the Kingdom's 2060 net-zero goal through the circular carbon economy approach including, among other things, reducing carbon emissions and capturing, storing and using carbon dioxide to produce chemicals, fuels, and other products. Aramco may incur substantial costs and capital expenditures to achieve its net-zero ambition. In addition, Aramco may not fully meet its announced net-zero ambition by 2050.

Economic or political developments in Asia

The Company exports a substantial portion of its crude oil and refined and chemicals products to customers in Asia, and adverse economic or political developments in Asia could impact its results of operations.

The Company exports a substantial portion of its crude oil and refined and chemicals products to customers in Asia. In 2025 and 2024, customers in Asia, including Company's affiliated refineries located in Asia, purchased 82% and 81%, respectively, of its crude oil exports. The Company expects to export additional crude oil to Asia as new downstream assets in Asia commence operations. In addition, the refined, chemical, petrochemical, base oil, and finished lubricant products that are produced at the Company's joint ventures and international operations in Asia are generally sold locally and exported to other Asian countries.

If there is a slowdown in economic growth, an economic recession, or other adverse economic or political developments in Asia, Aramco may experience a material reduction in demand for its products by its customers located in the region. Moreover, any such development in other parts of the world (including political and social instability or armed conflict) may result in other producers supplying surplus capacity to Asia, thereby increasing competition for customers in Asia, which could negatively impact the prices at which Aramco sells its products to customers there. A significant decrease in demand for Aramco's products in Asia could have a material adverse effect on its business, financial position, and results of operations.

Operational risks and hazards

Aramco is subject to operational risks and hazards that may have a significant impact on its operations or result in significant liabilities and costs.

Aramco is subject to operational risks common in the oil and gas and petrochemical industries, including:

- Crude oil or gas spills, pipeline leaks and ruptures, storage tank leaks and accidents involving explosions, fires, blowouts, and surface cratering;
- Power shortages or failures;
- Mechanical or equipment failures;
- Transportation interruptions and accidents;
- Tropical monsoons, storms, floods, and other natural disasters (including weather conditions associated with climate change); and,
- Chemical spills, discharges, or releases of toxic or hazardous substances or gases.

These risks could result in damage to, or destruction of, Aramco's properties and facilities, death or injury to people, and harm to the environment, which could have a significant impact on its operations or result in significant liabilities and remediation costs. In addition, Aramco is not insured against all risks and insurance in connection with certain risks and hazards may not be available (see Risk – Insufficient insurance). To the extent a subcontractor is responsible for the damage, Aramco's recourse to the relevant subcontractor may be limited by contract or the financial viability of such subcontractor. Such occurrences could also interrupt Aramco's operations, delay Aramco projects, or damage its reputation, which could have a material adverse effect on its business.

Furthermore, the majority of Aramco's assets are located in the Kingdom and it relies heavily on a cross-country pipeline system and terminal facilities to transport crude oil and products through the Kingdom. Aramco also depends on critical assets to process its crude oil, such as the Abqaiq facility, which is its largest oil processing facility and processes a significant amount of Aramco's daily produced crude oil. The East-West pipeline, the Shaybah NGL facility, the Abqaiq facility, and the Khurais processing facility were subject to attacks in 2019. If Aramco's critical transport systems or processing facilities were subject to a significant disruption, it could have a material adverse effect on Aramco's business, financial position, and results of operations (see Risk – Terrorism and armed conflict).

Delivery of current and future projects

Aramco's ability to achieve its strategic growth objectives depends on the successful delivery of current and future projects and achieving these objectives may not have the anticipated impact.

Aramco's ability to achieve its strategic growth objectives depends, in part, on the successful, timely and cost-effective delivery of capital projects, which are carried out by Aramco or by it along with joint ventures or partners and affiliates. Aramco faces challenges in developing such projects, including:

- Fluctuations in the prices for hydrocarbons, which may impact its ability to finance its projects from its cash flow from operating activities or make projects less economically feasible or rendered uneconomic;
- Making economic estimates or assumptions based on data or conditions, including demand and price assumptions, which may change;
- Constraints on the availability and cost of skilled labor, contractors, materials, equipment, and facilities;
- Its ability to obtain funding necessary for the implementation of the relevant project on terms acceptable to it, or at all;
- Uncertainty regarding the implementation and duration of regulations and incentives that support investments to mitigate GHG emissions;
- Difficulties in obtaining necessary permits, complying with applicable regulations and changes to applicable law or regulations;
- Difficulties coordinating multiple contractors and subcontractors involved in complex projects;
- Its ability to find major global industry partners and new opportunities for downstream investments globally;
- Market factors outside of its control affecting its ability to fund such projects, including constraints that prevent or limit financing providers' ability to invest in hydrocarbons-related projects; and,
- Undertaking projects or ventures in new lines of business or technological initiatives including the use of artificial intelligence, in which Aramco has limited or no prior operating experience.

These challenges have led, and could lead, to delays in the completion of projects and increased project costs. If projects are delayed, cost more than expected, or do not generate the expected return, Aramco's operations and expected levels of production could be impacted. These occurrences could result in Aramco recognizing impairments on its projects, assuming liabilities of joint ventures or partners and affiliates, or other consequences, any of which could have a material adverse effect on Aramco's business, financial position, and results of operations.

Aramco is pursuing lower carbon intensity products and operations to help address climate-related risks and opportunities. However, other oil and gas companies may benefit from governmental incentives, subsidies, or regulatory frameworks in certain jurisdictions that support investments in lower-carbon energy solutions, which could impact Aramco's competitive position. In addition, Aramco's ability to develop lower-carbon products and solutions will also depend on the market acceptance of and regulatory support for these products.

The financial impact resulting from some of Aramco's strategic growth projects is uncertain. There is a risk that even if Aramco is able to achieve its strategic growth objectives, their impact on its business may not be as profitable or as beneficial as anticipated, which may have a material adverse effect on its business, financial position, and results of operations.

Furthermore, many of Aramco's projects require significant capital expenditures. If cash flow from operating activities and funds from external financial resources are not sufficient to cover Aramco's capital expenditure requirements, Aramco may be required to reallocate available capital among its projects or modify its capital expenditure plans, which may result in delays to, or cancellation of, certain projects or deferral of certain capital expenditures. Any change to Aramco's capital expenditure plans could, in turn, have a material adverse effect on Aramco's growth objectives and its business, financial position, and results of operations.

Insufficient insurance

Aramco could be subject to losses from risks related to insufficient insurance.

Aramco insures against risk primarily by self-insuring through its captive insurance subsidiary, Stellar, which provides insurance exclusively to Aramco. Aramco also obtains insurance in certain areas from third-party providers in excess of the coverage provided through Stellar.

Aramco does not insure against all risks and its insurance may not protect it against liability from all potential events, particularly catastrophic events such as major crude oil spills, environmental disasters, terrorist attacks, or acts of war. In addition, it does not maintain business interruption insurance for disruptions to its operations and certain operations are insured separately from the rest of its business. Furthermore, there can be no assurance that Aramco can continue to renew its existing levels of coverage on commercially acceptable terms, or at all. As a result, it could incur significant losses from uninsured risks or risks for which its insurance does not cover the entire loss. Any such losses could have a material adverse effect on Aramco's business, financial position, and results of operations.

Terrorism and armed conflict

Terrorism and armed conflict may materially and adversely affect Aramco.

Aramco's facilities have been targeted by terrorist and other attacks. In March 2022, a storage facility in Jeddah was subject to attack by unmanned aerial vehicles and missiles and, in March 2021, the Riyadh refinery was subject to an attack by unmanned aerial vehicles. In addition, in September 2019, the Abqaiq facility and the Khurais processing facility were subject to attack by unmanned aerial vehicles and missiles. As a result of the attacks on the Abqaiq facility and the Khurais processing facility, crude oil production and associated gas production were temporarily reduced and Aramco took a number of actions to minimize the impact on lower Arabian Light and Arabian Extra Light production by tapping into Aramco's inventories located outside of the Kingdom and swapping crude oil grades of deliveries to Arabian Medium and Arabian Heavy.

Furthermore, in both May and August 2019, the East-West pipeline and the Shaybah field, respectively, were targeted by unmanned aerial vehicle attacks. These attacks resulted in a brief shutdown of the pipeline and fires and damage to the processing and cogeneration infrastructure at the Shaybah NGL facility.

Additional terrorist or other attacks or armed conflict could impact Aramco's operations and have a material adverse effect on Aramco's business, financial position, and results of operations, could cause Aramco to expend significant funds and could impact the market price of the shares.

Hydrocarbon reserves

Estimates of proved hydrocarbon reserves depend on significant interpretations, assumptions, and judgments. Any significant deviation or changes in existing economic and operating conditions could affect the estimated quantity and value of Aramco's proved reserves.

Aramco's reserve estimates conform to the SPE-PRMS definitions and guidelines, which are internationally recognized industry standards promulgated by the Society of Petroleum Engineers, the World Petroleum Council, the American Association of Petroleum Geologists, the Society of Petroleum Evaluation Engineers, the Society of Exploration Geophysicists, the Society of Petrophysicists and Well Log Analysts, and the European Association of Geoscientists and Engineers. Reserve estimation is an inherently complex process that principally relies on a combination of knowledge, experience, and judgment. Aramco's estimates of the quantity of Aramco's proved hydrocarbon reserves depend on significant interpretations, assumptions, and judgments relating to available geological, geophysical, engineering, contractual, economic, and other information, and take into account existing economic and operating conditions and commercial viability as at the date the reserve estimates are made.

There can be no assurance that the interpretations, assumptions, and judgments utilized by Aramco to estimate proved reserves will prove to be appropriate or accurate. Any significant deviation from these interpretations, assumptions, or judgments could materially affect the estimated quantity or value of Aramco's proved reserves. In addition, these estimates could change due to new information from production or drilling activities, future adjustments to MSC, changes in economic factors, including changes in the price of hydrocarbons, changes to laws, regulations, or the terms of the Concession or other events. Further, declining hydrocarbon prices may cause certain proved reserves to no longer be considered commercially viable, which could result in downward adjustments to Aramco's estimates of its proved reserves, impairment of its assets, or changes to its capital expenditures and production plans. Moreover, proved reserve estimates are subject to change due to errors in the application of published rules and changes in guidance. Any material reduction in the quantity or value of Aramco's proved reserves could adversely affect Aramco's business and reputation.

Epidemics and pandemics

Future epidemics or pandemics and their impact on business and economic conditions may have negative effects on Aramco's business.

Future epidemics or pandemics may have a widespread impact on business and economic conditions and, in particular, on Aramco's business, including on the demand for crude oil, natural gas, refined and chemicals products. For example, in 2020, public health authorities and governments at local, national, and international levels implemented various measures in response to the COVID-19 pandemic, including restrictions on travel, voluntary and mandatory quarantines, reductions of nonessential personnel reporting into workplaces, and restrictions on business activities. These measures led to lower demand for crude oil, natural gas, refined and chemicals products, which had a direct impact on Aramco's business. In addition, an epidemic or pandemic may result in volatility in global capital markets and investor sentiment, which may affect the availability, amount, and type of financing available to Aramco.

Furthermore, if a significant percentage of Aramco's workforce is unable to work, or if Aramco is required to close facilities because of illness or government restrictions, Aramco's operations and business may be negatively affected.

Acquisition benefits and integration

Aramco may not realize some or all of the expected benefits of recent or future acquisitions.

Aramco has engaged in, and may continue to engage in, acquisitions of businesses, technologies, services, products, and other assets from time to time. Any such acquisition entails various risks, including that Aramco may not be able to accurately assess the value, strengths, and weaknesses of the acquisition or investment targets, effectively integrate the purchased businesses or assets, achieve the expected synergies or recover the purchase costs of the acquired businesses or assets. Aramco may also incur unanticipated costs or assume unexpected liabilities and losses in connection with any business or asset it acquires, including in relation to the retention of key employees, legal contingencies (such as, contractual, financial, regulatory, environmental, or other obligations and liabilities) and risks related to the acquired business, and the maintenance and integration of procedures, controls, and quality standards. These difficulties could impact Aramco's ongoing business, distract its management and employees, and increase its expenses, which could, in turn, have a material adverse effect on its business, financial position, and results of operations.

Operating in several countries

Aramco is exposed to risks related to operating in several countries.

A substantial portion of Aramco's downstream operations are conducted outside the Kingdom. Risks inherent in operating in several countries include, without limitation:

- Complying with, and managing changes to and developments in, a variety of laws and regulations, including, without limitation, with respect to price regulations, data privacy, cybersecurity, the environment, forced divestment of assets, expropriation of property, and cancellation or forced renegotiation of contract rights;
- Complying with tax regimes in multiple jurisdictions and the imposition of new or increased withholding or other taxes or royalties;
- The imposition of new, or changes to existing, transfer pricing regulations or the imposition of new restrictions on foreign trade, investment, or travel;
- Political and economic instabilities resulting in a material reduction in demand for its products by its customers located in that region;
- Adverse changes in economic and trade sanctions, import or export controls, and national security measures resulting in business disruptions, including delays or denials of import or export licenses, or blocked or rejected financial transactions;
- Conducting business with subsidiaries, joint operations, and joint ventures and their potential challenges implementing policies and procedures consistent with the Company's policies and procedures; and,
- Fluctuations in foreign currency exchange rates.

Operating in several countries also requires significant management attention and resources. The occurrence of any of these risks may be burdensome and could have a material adverse effect on Aramco's business, financial position, and results of operations.

Senior Management and key personnel

Aramco is dependent on Senior Management and key personnel.

Aramco operates in a competitive environment, and its success depends upon its ability to identify, hire, develop, motivate, and retain highly-qualified Senior Management and other key personnel. Aramco's Senior Management and other key personnel may voluntarily terminate their employment with Aramco or leave their positions due to reasons beyond Aramco's control. If Aramco experiences a large number of departures of its oil and gas experts in a relatively short period of time, attracting and retaining a sufficient number of replacement personnel may be challenging. If Aramco is unable to hire and retain Senior Management and other key personnel with requisite skills and expertise, it could have a material adverse effect on Aramco's business, financial position, and results of operations.

Dependency on IT systems

Aramco's operations are dependent on the reliability and security of its IT systems.

Aramco relies on the security of critical information and operational technology systems for, among other things, the exploration, development, production, storage, and distribution of hydrocarbons; the processing, use, and security of financial records, proprietary information, intellectual property, personal information, and operating data; and communications with management, personnel, and business partners. Cyber incidents may negatively impact these or other functions and, particularly in relation to industrial control systems, may result in physical damage, injury or loss of life and environmental harm. Aramco's systems are a high-profile target for sophisticated cyberattacks by nation states, and criminal hackers, and it routinely fends off malicious attempts to gain unauthorized systems access. While Aramco seeks to maintain a secure network infrastructure to protect against critical data loss and to ensure operational integrity and continuity, there is a risk that determined attackers with access to the necessary resources could successfully penetrate its systems. To date, none of these attempts have been material to Aramco's financial performance or reputation. Nonetheless, the nature and breadth of any potential future cyberattack remain unknown and the sophistication of cybersecurity threats and AI-powered cyberattacks such as deep fakes continues to increase which may increase the risk of cybersecurity incidents, data breaches, or cyberattacks. Such incidents could result in significant costs, including investigation and remediation expenses, regulatory scrutiny, legal liability, and the loss of personal or sensitive business or third-party information, and could have a material adverse effect on Aramco's operations and reputation.

Risks related to the legal and regulatory environment

Litigation

Aramco is and has been subject to significant litigation and other actions.

Aramco is and has been subject to significant litigation, primarily in the United States and the Kingdom. Some of the most significant U.S. litigation has involved allegations of violations of antitrust laws arising, in part, from the Kingdom's membership and participation in OPEC. Such antitrust litigation sought extensive relief, including treble damages, divestiture of assets in the United States, and disgorgement of profits. If granted, this relief could have had a material adverse impact on Aramco. To date, the OPEC-related antitrust lawsuits have been dismissed on the basis of various sovereign defenses under U.S. law. However, there is no assurance that Aramco will prevail on the basis of these defenses in the future in connection with OPEC-related or other lawsuits, and Aramco and its affiliates could be subject to similar claims elsewhere. In addition, there is a risk that laws could be enacted in the future that would expressly remove or weaken certain sovereign defenses.

Also, increasing attention on climate change concerns may result in increased litigation against Aramco and its affiliates. Claims relating to climate change matters have been filed against companies in the oil and gas industry by private parties, shareholders of such companies, public interest organizations, state attorneys general, cities and other localities, especially in the United States and Europe. These lawsuits seek a variety of remedies, including financial compensation for alleged past and future damages resulting from climate change and court orders requiring energy companies to reduce GHG emissions. Furthermore, oil and gas companies have been subject to a growing number of lawsuits alleging damages from the companies' contributions to climate change, failure to protect the environment from the effects of their operations, concealing information about the consequences of the use of their products on climate change and similar matters. Motiva has been named in several of these lawsuits, and Aramco and its affiliates may be named in similar lawsuits in the future.

In addition, oil and gas companies are also increasingly subject to lawsuits based on allegations that certain public statements regarding ESG matters or net-zero or carbon neutrality targets are false and misleading "greenwashing" campaigns or that climate-related disclosures made by companies are inadequate. Aramco could be subject to this type of lawsuit.

Litigation could result in substantial costs (including civil or criminal penalties, or both, damages or the imposition of import trade measures) and require Aramco to devote substantial resources and divert management attention, any of which may have a material adverse effect on its business, financial position, and results of operations.

Moreover, exports of crude oil and refined and chemicals products by Aramco or its affiliates to foreign countries may be affected by litigation, regulatory actions, investigations, disputes, or agreements that lead to the imposition of import trade measures, including anti-dumping and countervailing duties, safeguard measures, import licensing and customs requirements, and new or increased tariffs, quotas, or embargoes. The possibility and effect of any such measures will depend on the laws governing the foreign country to which the applicable products are being exported and applicable international trade agreements. Foreign countries may take such measures for political or other reasons, including reasons unrelated to Aramco's actions or operations. Because the majority of Aramco's products are exported, any such measures may have a material adverse effect on Aramco's business, financial position, and results of operations.

In addition, the Kingdom is a party to international trade agreements, such as World Trade Organization agreements, that include commitments by the Kingdom with respect to the composition of its laws, regulations, and practices that impact international trade. The Kingdom may become a party to other such agreements in the future. Compliance by the Kingdom with any such commitments may directly or indirectly impact Aramco and could cause it to alter its operations in a manner that is costly or otherwise has a material adverse effect on its business, financial position, or results of operations. If the Kingdom is deemed to be noncompliant, Aramco's business operations could be exposed to scrutiny and Aramco or its affiliates' exports could be subject to potential remedial measures, such as duties, which could have a material adverse effect on Aramco's business, financial position, and results of operations.

Regulatory changes

Aramco operates in a regulated industry and its business may be affected by regulatory changes.

The oil and gas industry in the Kingdom is a regulated industry. Any change in the Kingdom's laws, regulations, policies, or practices relating to the oil and gas industry could have a material adverse effect on Aramco's business, financial position, and results of operations. In addition, although the Concession provides for an initial period of 40 years, which will be extended by the Government for 20 years provided Aramco satisfies certain conditions commensurate with current operating practices (and may be amended and extended for an additional 40 years thereafter subject to Aramco and the Government agreeing on the terms of the extension), there is no assurance that the Government will not revoke the Concession in whole or in part or adversely change Aramco's rights in respect of the Concession, which would have a significant adverse effect on Aramco's business, financial position, and results of operations.

Additionally, Aramco's operations and products are subject to a number of laws and regulations in jurisdictions in which it operates or sells products. These laws and regulations result in an often complex, uncertain, and changing legal and regulatory environment for Aramco's global businesses and operations. Changes in laws or regulations, including how they are interpreted and enforced, can and does impact all aspects of Aramco's business.

Sanctions and trade restrictions

Sanctions and trade restrictions, as well as anti-bribery and anti-corruption laws, could adversely affect Aramco.

Aramco currently engages in business activities, and could in the future decide to take part in new business activities, involving locations subject to trade restrictions and where certain parties are subject to sanctions, as well as anti-bribery and anti-corruption laws, imposed by the United States, the European Union, the United Kingdom, and other sanctioning or regulatory bodies. Laws and regulations governing sanctions, trade restrictions, and bribery and corruption are complex and are subject to change. For example, sanctions against Russia, products therefrom, and Russian individuals and entities have increased following the start of the Russia-Ukraine conflict and additional sanctions could be imposed in the future.

Sanctions on parties with which Aramco does business or trade restrictions affecting its markets could have a material adverse effect on Aramco's business. In addition, there can be no assurance that Aramco's corporate governance, compliance, and ethics policies and procedures (including with respect to sanctions, trade restrictions, anti-bribery, and anti-corruption) will protect it from the improper conduct of its employees or business partners, which could result in substantial civil or criminal penalties, or otherwise have a material adverse effect on Aramco's business. Furthermore, if Aramco were to be sanctioned in the future, as a result of its transactions with other parties or otherwise, such sanctions could result in blocking measures or asset freezes against Aramco, restrictions on investors trading securities issued by Aramco, or other adverse consequences. Such penalties or sanctions could have a material adverse effect on Aramco's business, financial position, and results of operations.

Government licenses and permits

Aramco is required to obtain, maintain, and renew Governmental licenses, permits, and approvals in order to operate its businesses.

The rights granted to Aramco under the Concession constitute its licenses, permits, and approvals necessary to conduct hydrocarbons operations and related activities in the Kingdom. However, Aramco is required to obtain and maintain licenses, permits, and approvals required under the Hydrocarbons Law and the Energy Supply Law (which superseded the GSPR and became effective in March 2023). Additionally, Aramco is required to have licenses, permits, and approvals necessary to conduct business in jurisdictions in which it operates or sells products and with respect to certain activities unrelated to hydrocarbons operations.

There can be no assurance that Aramco will receive any necessary licenses, permits, or approvals. Any failure to obtain or maintain required licenses, permits, or approvals, or the revocation or termination thereof, may interrupt Aramco's operations, could result in financial and other penalties and could have a material adverse effect on Aramco's business, financial position, and results of operations.

Environmental regulations

Aramco's operations are subject to environmental protection, health, and safety laws and regulations. Increased concerns regarding the safe use of various materials, including chemicals and plastics, and their potential impact on the environment, have resulted in more restrictive regulations and could lead to the implementation of new regulations.

Aramco's operations are subject to laws and regulations relating to environmental protection, health, and safety. These laws and regulations govern, among other things, the generation, storage, handling, use, disposal, and transportation of hazardous materials, the emission and discharge of hazardous materials, groundwater use and contamination, and the health and safety of Aramco's employees and the communities in which it operates. Compliance with these obligations can result in significant expenditures. If Aramco fails to comply with applicable laws and regulations, it could be subject to fines or the partial or total shutdown of related operations. Aramco has, from time to time, shutdown certain facilities in order to ensure compliance with applicable laws and regulations.

The regulations relating to air quality in the Kingdom impose stringent limits on emissions from various types of facilities. If Aramco fails to comply with applicable laws and regulations, there is a risk that material corrective costs could be required to bring Aramco's facilities into compliance with these regulations. In addition, a stricter interpretation of existing laws and regulations, any changes in these laws and regulations or the enactment of new laws and regulations may impose new obligations on Aramco or otherwise adversely affect Aramco's business, financial position, and results of operations.

Aramco may also (i) incur significant costs associated with the investigation, clean up and restoration of contaminated land, water or ecosystems, as well as claims for damage to property and (ii) face claims of death or injury to persons resulting from exposure to hazardous materials or adverse impacts on natural resources and properties of others resulting from its operations (including potentially from the transportation of hazardous substances and products, feedstock, or chemical pollution). Any such costs or liabilities could have a material adverse effect on Aramco's business, financial position, and results of operations. In particular, in the United States, Motiva and other companies in the petroleum refining and marketing industry historically used MTBE as a gasoline additive. Motiva is a party to pending lawsuits concerning alleged environmental impacts associated with historic releases of MTBE in the United States, many of which involve other petroleum marketers and refiners. Plaintiffs in these MTBE lawsuits generally seek to spread liability among large groups of oil companies and seek substantial damages. Additional lawsuits and claims related to the use of MTBE, including personal-injury claims, may be filed in the future. Motiva could be subject to material liabilities relating to MTBE claims.

Moreover, concerns regarding chemicals and plastics, including their safe use and potential impact on the environment, and how plastics contribute to climate change, reflect a growing trend in societal demands for increasing levels of product safety, less plastic use, environmental protection, and recycling. These concerns have led to more restrictive regulations and could lead to new regulations. They could also manifest themselves in shareholder proposals, delays, or failures in obtaining or retaining regulatory approvals, increased costs related to complying with more restrictive regulations, delayed product launches, lack of market acceptance, lower sales volumes or discontinuance of chemicals or plastics products, continued pressure for more stringent regulatory intervention, and increased litigation. These consequences could also have an adverse effect on Aramco's business, financial position, results of operations, and reputation.

Mechanism of equalization compensation

The mechanism for equalization compensation Aramco receives from the Government in respect of domestic sales of certain hydrocarbons may be changed.

The Concession requires Aramco to meet domestic demand for hydrocarbons, petroleum products, and LPG through domestic production or imports. In addition, pursuant to the Kingdom's regulatory regime, Aramco is required to sell crude oil and certain refined products to third parties in the Kingdom at the Government's regulated prices. The regulated prices for these products have historically generated less revenue for Aramco than if the same product had been sold for export.

Pursuant to an equalization mechanism, the Government compensates Aramco for the revenue it directly forgoes as a result of selling these products in the Kingdom at regulated prices. Under this mechanism, Aramco receives compensation for the difference between regulated prices and equalization prices in respect of such sales.

Furthermore, in the Kingdom, natural gas prices are regulated by the Government and the price that domestic customers pay is traditionally set by the Council of Ministers.

Effective September 17, 2019, the Government implemented an equalization mechanism to compensate Aramco for the revenue it directly forgoes as a result of selling Regulated Gas Products in the Kingdom at Domestic Gas Prices to ensure Aramco receives a commercial rate of return on each project. Under this mechanism, Aramco receives compensation for the difference between Domestic Gas Prices and Blended Prices in respect of such sales.

No assurance can be given that either equalization mechanism will not be revoked or amended on terms less favorable to Aramco than the existing mechanism. In addition, in the event that the equalization price is less than the regulated price, in the case of liquids, or the Blended Price is less than the Domestic Gas Price, in the case of natural gas, the difference would be due from Aramco to the Government. Any such event could have a material adverse effect on Aramco's earnings, cash flow, financial position, and results of operations.

Risks related to the Kingdom

Government directive of MSC

The Government determines the Kingdom's maximum level of crude oil production and target MSC.

The Government determines the Kingdom's maximum level of crude oil production in the exercise of its sovereign prerogative. Accordingly, the Government may, in its sole discretion, increase or decrease the Kingdom's maximum level of crude oil production at any time based on its sovereign energy security goals or for any other reason.

In order to facilitate rapid changes in production volumes, the Government requires Aramco to maintain MSC in accordance with its exclusive authority to set MSC under the Hydrocarbons Law. Aramco incurs substantial costs to maintain MSC and has historically utilized a significant amount of this spare capacity. However, there can be no assurance that it will utilize spare capacity in the future. The Government has decided in the past and may in the future decide to adjust MSC.

On January 30, 2024, the Government (acting through the Ministry of Energy) directed Aramco to maintain MSC at the current level of 12.0 million barrels of crude oil per day. Future increases in MSC could require Aramco to incur significant additional capital expenditures.

The Government's decisions regarding maximum level of crude oil production and MSC, and Aramco's costs of complying with such decisions, may not maximize returns for Aramco. For example, Aramco may be precluded from producing more crude oil in response to either a decrease or increase in prices, which may limit its ability to generate additional revenue or to increase its production of downstream products. Any of these actions could have a material adverse effect on Aramco's business, financial position, and results of operations.

Domestic gas demand

If growth in domestic gas demand is less than expected, Aramco may not receive its expected return on its gas infrastructure investments.

The Concession requires that Aramco meet domestic demand for gas, which is expected to grow substantially by 2030 due to continued economic and industrial development and the Government's plans to substitute liquids burning with gas in the utility sector. In response to the expected increase in demand for gas in the Kingdom, Aramco is undertaking several projects to grow its gas supply. Aramco's gas infrastructure investment costs may include costs related to well drilling, upgrades to existing facilities, and the construction of new facilities to handle additional volumes, including gas processing facilities, pipelines and distribution networks including MGS, and storage facilities. Aramco is compensated for its sales of natural gas to domestic consumers based on usage. Therefore, if the forecasted growth in domestic demand for natural gas is less than expected, Aramco may not receive its expected return on its gas infrastructure investments, which may have a material adverse effect on its business, financial position, and results of operations.

Hydrocarbon industry

The Kingdom's public finances are highly connected to the hydrocarbon industry.

The oil sector accounted for 25.9% and 26.1%[1] of the Kingdom's real GDP in the years ended December 31, 2025 and 2024, respectively. In addition, the oil sector was estimated for 54.2% and accounted for 60.1%[1] of the Government's total revenues in the years ended December 31, 2025 and 2024, respectively.

The Government is expected to continue to rely on royalties, taxes, and dividends from Aramco and other income from the hydrocarbon industry for a significant portion of its revenue. Any change in crude oil, condensate, NGL, oil product, chemical, and natural gas prices, or other occurrences that negatively affect Aramco's results of operations could materially affect the macroeconomic indicators of the Kingdom, including GDP, balance of payments, foreign trade, and the amount of cash available to the Government. A shortfall in funding to the Government or a decision to seek more revenue from hydrocarbons may lead the Government to change the fiscal regime to which hydrocarbon producers in the Kingdom, including Aramco, are subject. Any such change could have a material adverse effect on Aramco's business, financial position, and results of operations.

1. Comparative figures have been adjusted to reflect actual data, where applicable.

Political and social instability

Political and social instability and unrest and actual or potential armed conflicts in the MENA region may affect Aramco's results of operations and financial position.

Aramco is headquartered and conducts much of its business in the MENA region. The MENA region is strategically important geopolitically and has been subject to political and security concerns and social unrest. For example, in recent years, a number of countries in the region have witnessed significant social unrest, including widespread public demonstrations and, in certain cases, armed conflict, terrorist attacks, diplomatic disputes, foreign military intervention, and change of government. Such social unrest and other political and security concerns may not abate, may worsen, and may spread to additional countries. Some of Aramco's facilities, infrastructure, and reserves are located near the borders of countries that have been or may be impacted. No assurance can be given that these political or security concerns or social unrest will not have a material adverse effect on Aramco's business, financial position, and results of operations.

In addition, the majority of Aramco's crude oil production is exported using international supply routes. In particular, the Strait of Hormuz, the Red Sea, and the Suez Canal are key shipping routes for Aramco's crude oil and are located in areas subject to political or armed conflict from time to time. For example, on April 27, 2023 and May 3, 2023, two oil tankers belonging to other oil companies were seized by Iranian forces in the Strait of Hormuz. In addition, in January 2024, drone and missile attacks in the Red Sea disrupted maritime trade through the Suez Canal. Any political or armed conflict or other event, including those described above, that impacts Aramco's use of the Strait of Hormuz, the Red Sea, Suez Canal, or other international shipping routes could have a material adverse effect on Aramco's business, financial position, and results of operations.

Moreover, the majority of Aramco's assets and operations are located in the Kingdom and accordingly, may be affected by the political, social, and economic conditions from time to time prevailing in or affecting the Kingdom or the wider MENA region. Any unexpected changes in political, social, or economic conditions may have a material adverse effect on Aramco, which could in turn have a material adverse effect on Aramco's business, financial position, and results of operations or investments that Aramco has made or may make in the future.

Furthermore, any of the events described above may contribute to instability in the MENA region and may have a material adverse effect on investors' willingness to invest in the Kingdom or companies that are based in the Kingdom, which may in turn adversely affect the market value of the shares.

Pegging SAR to U.S. Dollar

Aramco's financial position and results of operations may be adversely affected if the Kingdom stops pegging the SAR to the U.S. Dollar.

Aramco has determined that the U.S. Dollar is its functional currency because a substantial amount of its products are traded in U.S. Dollars in international markets. A portion of Aramco's capital expenditures and operating expenses are denominated in Saudi Riyals, while a significant portion of its revenues and long-term liabilities are denominated in U.S. Dollars. The Saudi Riyal has been pegged to the U.S. Dollar in the Kingdom since 1986. If the Kingdom's policy of pegging the SAR to the U.S. Dollar were to change in the future and the SAR were to become stronger relative to the U.S. Dollar, Aramco may experience an increase in the SAR denominated costs of its operations. Such an increase could have a material adverse effect on Aramco's business, financial position, and results of operations. In addition, Aramco pays dividends to the Government, in its capacity as a shareholder of the Company, in U.S. Dollars and to other shareholders in SAR. If the SAR is no longer pegged to the U.S. Dollar and the SAR were to become stronger relative to the U.S. Dollar, Aramco may be required to expend additional cash to fund its SAR denominated dividends. Such changes could have a material adverse effect on Aramco's financial position.

Government projects

The Government may direct Aramco to undertake projects or provide assistance for initiatives outside Aramco's core business, which may not be consistent with Aramco's immediate commercial objectives.

The Government has directed, and may in the future direct, Aramco to undertake projects or provide assistance for initiatives outside Aramco's core business in furtherance of the Government's macroeconomic, social or other objectives, leveraging Aramco's know-how, resources, and operational capabilities. For instance, the Government has previously directed Aramco to develop and construct large infrastructure projects and provide management, logistical, and other technical assistance for certain Government initiatives. The Concession requires that all Aramco contracts with any Government agency or any arrangement for the furnishing of hydrocarbons, services, or otherwise shall be on a commercial basis and, on September 5, 2019, Aramco and the Government entered into a framework agreement to govern the furnishing of services by Aramco to the Government. While these projects and initiatives have generally been of national importance to the Kingdom and in Aramco's long-term commercial interests, they have often been outside of Aramco's core businesses and have not always been consistent with its immediate commercial objectives. If the Government directs Aramco to undertake future projects other than on a commercial basis, Aramco's financial position and results of operation may be materially and adversely affected.