

About the report

General information

This Integrated Annual Report of Samruk-Energy JSC for 2023 (the Report) is the 17th to disclose information on financial and economic, operational activities, as well as data on the Company's achievements in the field of sustainable development management. The document is addressed to a wide range of stakeholders. This Report has been prepared in accordance with GRI Standards.

The Report reflects financial and non-financial activities of Samruk-Energy JSC related to projects both in the Republic of Kazakhstan and abroad. Non-financial disclosure elements are shown mainly for subsidiaries and affiliates with the Company's ownership share of 50% and more, i.e. for the Group of companies of Samruk-Energy JSC.

GRI 2-4

Compared to the Company's Integrated Annual Report 2022, there have been changes in the Report with respect to certain indicators, as well as in the disclosure of additional indicators. Detailed explanations are given in the body of the Report.

The financial indicators are denominated in the national currency of Kazakhstan, KZT (tenge) and correspond to the IFRS audited consolidated financial statements.

The Report comprehensively reflects:

- implementation of the Development Strategy of Samruk-Energy JSC;
- management approaches to the Company's management;
- significant financial, economic and production plans and results by main types of activities;
- results in the field of labour safety, environmental protection;
- contribution to the development of the territory of presence, implementation of social policy and other aspects of sustainable development.

To designate Samruk-Energy Group (Samruk-Energy JSC and its subsidiaries), the Report uses the names: "Samruk-Energy", "Company", "Group", and "we".

Statutory Requirements

The Report discloses key data as required by the laws of the Republic of Kazakhstan, internal requirements and regulations of the Company, and international corporate governance practices. The Report relies on the following papers:

- Law No. 415-II of the Republic of Kazakhstan dated 13 May 2003 on Joint Stock Companies;
- Rules for information disclosure by the issuer, Requirements for the content of information to be disclosed by the issuer, and the terms for information disclosure by the issuer on the internet resource of the Depository of financial statements as approved by the Resolution No. 189 adopted by the Board of the National Bank of the Republic of Kazakhstan on 27 August 2018;
- Regulatory requirements of Kazakhstan Stock Exchange (KASE), and Astana International Exchange (AIX);
- International integrated reporting standard (IR International Framework);
- International standard for sustainable development reporting, Global Reporting Initiative, including GRI 12: Coal Sector;
- AA1000SES Stakeholder Engagement Standard;
- Ten principles of UN Global Compact;
- UN Sustainable Development Goals 2030;
- ISO 26000:2010 Social Responsibility Guidance Standard.

Recommendations of the TCFD (The Task Force on Climate-Related Financial Disclosures) Working Group of the Financial Stability Board (partial disclosure).

Samruk-Energy JSC endeavours to develop reporting in terms of applicable standards, disclosing GRI industry indicators and considering TCFD recommendations/ The key feature of this Report is its interactivity and cross navigation: you will find links not only to corporate documents, but also to the official website of Samruk-Energy JSC, where key management practices are presented.

Scope of the Report

GRI 2-3

The scope of the Report corresponds to the annual reporting cycle of the Company. The previous Report was published in July 2023. Electronic copies of the reports for the previous years are available on the [official website](#) of the Company. The current Report discloses the operations and performance of Samruk-Energy JSC for the period from 1 January 2023 to 31 December 2023.

For the purpose of internal control and risk management in financial reporting, the Samruk-Energy Management Board adopted Matrices of Risks and Controls in Accounting and Financial Reporting of Samruk-Energy JSC on 16 March 2020 (Minutes No. 5).

The matrix shows a map of accounting and financial reporting processes at all levels of the Group (subsidiaries, affiliates, joint ventures, and the Fund) and includes five stages:

- Formalisation of the financial reporting process;
- Reconciliation of intra-group and related-party transactions;
- Data collection for the consolidated financial statements;
- Preparation of consolidated financial statements;
- Approval of consolidated financial statements.

In general, the document includes matrices on the following processes:

- Preparation of financial statements;
- Procurements and settlements with creditors;
- Fixed and intangible assets accounting;
- Treasury accounting;
- Dividend accounting;
- Financial aid accounting;

- Tax accounting;
- Employee remuneration accounting;
- Accounting of business trip expenses;
- Investments;
- Borrowings;
- Inventories.

“The Financial Reporting Preparation” process adjusts for key risks and controls, from formalisation of financial reporting, period closure, preparation of separate financial statements, and preparation of consolidated financial statements to the preparation of financial disclosures. The matrix features 50 control procedures to minimise key 5 risks in preparations of consolidated financial statements.

The Company's high-risk culture based on three lines of defence and a focus on continuous improvements ensure that the risk matrix and checkpoints of the financial reporting process are observed and up to date.

The Report includes important facts that fall beyond the reporting period but are directly related to it, as well as the medium-term plans of the Group. The Report discloses information on the most significant results of the operations of Samruk-Energy JSC, its subsidiaries and associates. During data collection, all data of quantitative and qualitative nature across the entire Group, which can have a significant impact on making an informed decision on a significant issue, event, or decision, is considered and disclosed. We are consistently developing a system of work with sustainable development indicators and aims to align the disclosure perimeter with the financial data disclosure to the full amount in the near future.

GRI 2-2

Indicator	Disclosure*	Samruk-Energy JSC	Alatau Zharyk Company	Almaty Power Plants	Almaty EnergoSbyt	Shardara HPP	Moynak HPP	Ekibastuz GRES-1	Ekibastuz GRES-2
GRI 2: GENERAL DISCLOSURES 2021									
The Company and its reporting practices									
2-1	Organizational details								
2-2	Entities included in the organizations' sustainability reporting								
2-3	Reporting period, frequency, and contact point								
2-4	Restatements of information								
2-5	External assurance								
The company's activities and its employees									
2-6	Activities, value chain and other business relationships								
2-7	Employees								
2-8	Workers who are not employees of the organization								
Corporate governance									
2-9	Governance structure and composition								
2-10	Nomination and selection of the highest governance body								
2-11	Chair of the highest governance body								
2-12	Role of the highest governance body in overseeing the management impacts								
2-13	Delegation of responsibility for managing impacts								
2-14	Role of the highest governance body in sustainability reporting								
2-15	Conflict of interest								
2-16	Communication of critical concerns								
2-17	Collective knowledge of the highest governance body								
2-18	Evaluation of the performance of the highest governance body								
2-19	Remuneration policies								
2-20	Process to determine remuneration								
2-21	Annual total compensation ratio								

*The colored indicates the subsidiaries within the perimeter of disclosure

GRI 2-2

Indicator	Disclosure*	Samruk-Energy JSC	Alatau Zharyk Company	Almaty Power Plants	Almaty EnergoSbyt	Shardara HPP	Moynak HPP	Ekibastuz GRES-1	Ekibastuz GRES-2
Strategy, policies and practices									
2-22	Statement on sustainable development strategy								
2-23	Policy commitments								
2-24	Embedding policy commitments								
2-25	Process to remediate negative impacts								
2-26	Mechanisms for seeking advice and raising concerns								
2-27	Compliance with laws and regulations								
2-28	Membership associations								
2-29	Approach to stakeholder engagement								
2-30	Collective bargaining agreements								
GRI 3: Material topics									
3-1	Process to determine material topics								
3-2	List of material topics								
Economic performance									
GRI 201: Economic performance									
201-1	Direct economic value generated and distributed								
201-2	Financial implications and other risks and opportunities due to climate change								
201-4	Financial assistance received from government								
GRI 202: Market presence									
202-1	Ratios of standard entry level wage by gender compared to local minimum wage								
202-2	Proportion of senior management hired from the local community								
GRI 203: Indirect economic impacts									
3-3	Management of material topics								
203-1	Infrastructure investments and services supported								

*The colored indicates the subsidiaries within the perimeter of disclosure

Entity	Indicator 1	Indicator 2	Indicator 3	Indicator 4	Indicator 5	Indicator 6	Indicator 7	Indicator 8	Indicator 9	Indicator 10	Indicator 11	Indicator 12	Indicator 13
Samruk-Green Energy													
First Wind Power Plant													
Bukhtarminsk HPP													
Bogatyr Komir													
Ereymentau Wind Power													
Energy Solutions Center													
Qazaq Green Power													
Forum Muider B.V.													
ResursEnergoUgol													
Balkhsash HPP													
Shulbinsk HPP													
Ust-Kamenogorsk HPP													
Energia Semirechiya													
KazHydroTechEnergo													

GRI 2-2

Indicator	Disclosure*	Samruk-Energy JSC	Alatau Zharyk Company	Almaty Power Plants	Almaty EnergoSbyt	Shardara HPP	Moynak HPP	Ekibastuz GRES-1	Ekibastuz GRES-2
GRI 203: Indirect economic impacts									
203-2	Significant indirect economic impacts								
GRI 204: Procurement practices									
204-1	Proportion of spending on local suppliers								
GRI 205: Anti-corruption									
205-1	Operations assessed for risks related to corruption								
205-2	Communication and training about anti-corruption policies and procedures								
205-3	Confirmed incidents of corruption and actions taken								
GRI 206: Anti-competitive behavior									
206-1	Legal actions for anti-competitive behavior, anti-trust, and monopoly practices								
GRI 207: Tax									
207-1	Approach to tax								
207-3	Stakeholder engagement and management of concerns related to tax								
Ecology									
GRI 302: Energy									
302-1	Energy consumption within the organization								
302-4	Reduction of energy consumption								
GRI 303: Water									
3-3	Management of material topics								
303-1	Interactions with water as a shared resource								
303-2	Management of water discharge-related impacts								
303-3	Water withdrawal								
303-4	Water discharge								
303-5	Water consumption								
GRI 304: Biodiversity									
3-3	Management of material topics								

* The colored indicates the subsidiaries within the perimeter of disclosure

Samruk-Green Energy	First Wind Power Plant	Bukhtarminsk HPP	Bogatyr Komir	Ereymentau Wind Power	Energy Solutions Center	Qazaq Green Power	Forum Muider B.V.	ResursEnergUgol	Balkhsash HPP	Shulbinsk HPP	Ust-Kamenogorsk HPP	Energia Semirechiya	KazHydroTechEnerg



GRI 2-2

Indicator	Disclosure*	Samruk-Energy JSC	Alatau Zharyk Company	Almaty Power Plants	Almaty EnergoSbyt	Shardara HPP	Moynak HPP	Ekibastuz GRES-1	Ekibastuz GRES-2
GRI 304: Biodiversity									
304-1	Operations sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas								
304-2	Significant impacts of activities, products, and services on biodiversity								
304-3	Habitats protected or restored								
304-4	IUCN Red List species and national conversation list species with habitats in areas affected by operations								
GRI 305: Emissions									
3-3	Management of material topics								
305-1	Direct (Scope 1) GHG emissions								
305-2	Energy indirect (Scope 2) GHG emissions								
305-5	Reduction of GHG emissions								
305-7	Nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air emissions								
GRI 306: Waste									
306-1	Waste generation and significant waste-related impacts								
306-2	Management of significant waste-related impacts								
306-3	Waste generated								
306-4	Waste diverted from disposal								
306-5	Waste directed to disposal								
Social indicators									
GRI 401: Employment									
3-3	Management of material topics								

* The colored indicates the subsidiaries within the perimeter of disclosure

Samruk-Green Energy	First Wind Power Plant	Bukhtarminsk HPP	Bogatyr Komir	Ereymentau Wind Power	Energy Solutions Center	Qazaq Green Power	Forum Muider B.V.	ResursEnergUgol	Balkhsash HPP	Shulbinsk HPP	Ust-Kamenogorsk HPP	Energia Semirechiya	KazHydroTechEnerg

GRI 2-2

Indicator	Disclosure*	Samruk-Energy JSC	Alatau Zharyk Company	Almaty Power Plants	Almaty EnergoSbyt	Shardara HPP	Moynak HPP	Ekibastuz GRES-1	Ekibastuz GRES-2
Social indicators									
GRI 401: Employment									
401-1	New employee hires and employee turnover								
401-2	Benefits provided to full-time employees that are not provided to temporary or part-time employees								
401-3	Parental leave								
GRI 402: Labor/Management relations									
402-1	Minimum notice periods regarding operational changes								
GRI 403: Occupational health and safety									
3-3	Management of material topics								
403-1	Occupational health and safety management system								
403-2	Hazard identification, risk assessment, and incident investigation								
403-3	Occupational health services								
403-4	Worker participation, consultation, and communication on occupational health and safety								
403-5	Worker training on occupational health and safety								
403-6	Promotion of worker health								
403-7	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships								
403-8	Workers covered by an occupational health and safety management system								
403-9	Work-related injuries								
403-10	Work-related ill health								
GRI 404: Training and education									
404-1	Average hours of training per year per employee								
404-3	Percentage of employees receiving regular performance and career development reviews								

* The colored indicates the subsidiaries within the perimeter of disclosure

Samruk-Green Energy	First Wind Power Plant	Bukhtarminsk HPP	Bogatyr Komir	Ereymentau Wind Power	Energy Solutions Center	Qazaq Green Power	Forum Muidier B.V.	ResursEnergoUgol	Balkhsash HPP	Shulbinsk HPP	Ust-Kamenogorsk HPP	Energia Semirechiya	KazHydroTechEnergo



GRI 2-2

Indicator	Disclosure*	Samruk-Energy JSC	Alatau Zharyk Company	Almaty Power Plants	Almaty EnergoSbyt	Shardara HPP	Moynak HPP	Ekibastuz GRES-1	Ekibastuz GRES-2
GRI 405: Diversity and equal opportunity									
405-1	Diversity of governance bodies and employees								
405-2	Ratio of basic salary and remuneration of women to men								
GRI 406: Non-discrimination									
3-3	Management of material topics								
406-1	Incidents of discrimination and corrective actions taken								
GRI 408: Child labor									
408-1	Operations and suppliers at significant risk for incidents of child labor								
GRI 409: Forced or compulsory labor									
409-1	Operations and suppliers at significant risk for incidents of forced or compulsory labor								
GRI 413: Local communities									
3-3	Management of material topics								
413-1	Operations with local community engagement, impact assessments, and developed programs								
413-2	Operations with significant actual and potential negative impacts on local communities								
GRI 418: Customer privacy									
418-1	Substantiated complaints concerning breaches of customer data								

* The colored indicates the subsidiaries within the perimeter of disclosure

Samruk-Green Energy	First Wind Power Plant	Bukhtarminsk HPP	Bogatyr Komir	Ereymentau Wind Power	Energy Solutions Center	Qazaq Green Power	Forum Muidir B.V.	ResursEnergUgol	Balkhsash HPP	Shulbinsk HPP	Ust-Kamenogorsk HPP	Energia Semirechiya	KazHydroTechEnerg

For the purpose of a unified approach, when compiling the Report on the results of financial and economic activities, the Group of companies of Samruk-Energy JSC uses the equity method in consolidation. In addition, in accordance with the current accounting policy, fixed assets and intangible assets are reflected at their original cost, that is, excluding revaluation. Subsidiaries are included in the consolidated financial statements using the acquisition method. Identifiable assets acquired, as well as liabilities and contingent liabilities received in a business combination, are carried at fair value at the acquisition date, regardless of the size of the non-controlling interest.

Based on the above, when using the equity method in the consolidated balance sheet, the turnover

of such large companies as EGRES-2 JSC, the company of coal assets Forum Muider B.V., in which the ownership share of Samruk-Energy JSC is 50%, is excluded. When forming the consolidated financial result of Samruk-Energy JSC, the share of profit for these companies is reflected in the article share of profit/loss of organizations accounted for using the equity method and impairment of investments.

According to the indicators that have passed independent certification, data consolidation was carried out using the operational control method (GRI 2-7, 2-30, 201-1, 203-1, 203-2, 205-1, 205-2, 302-1, 302-3, 302-4, 303-3, 303-4, 303-5, 305-1, 305-2, 305-4, 305-5, 305-7, 401-1, 401-3, 403-8, 403-9, 404-1, 404-3).

Principles of ensuring the quality of the Report

The quality of the Report is ensured by the application of the key principle of the GRI Standards:

Principles	Description
Context of sustainable development	The Report provides information on the Company's contribution in terms of economic, environmental, and social aspects. Information on the degree of contribution of Samruk-Energy JSC to 17 Sustainable Development Goals by the end of 2023 has been disclosed.
Balance	This Report reflects the positive and negative aspects of the Company's results for the reporting year.
Completeness	The indicators and content of the Report are sufficient to reflect the significant impact of the Company on the economy, the environment and society.
Comparability	The Report contains information on the dynamics over several years, which allows stakeholders to get an idea of all the important indicators for them.
Clarity	The Report is conducted in the most accessible language, understandable to a wide audience, and also contains a glossary.
Reliability	All information for the Report is provided by the relevant departments of the Company and is verified for accuracy. The text of the Report contains links to data sources.
Accuracy	Information on all significant topics is presented in detail and allows interested parties to evaluate the results of the Company's activities. All data are officially recognized by Samruk-Energy JSC and are confirmed by internal and public documents.
Timeliness	The Report provides information for the year 2023 and is published in 2024.

Feedback

Samruk-Energy JSC is interested in receiving feedback for further improvement of the integrated Annual Report and qualitative disclosure of information to interested parties. The Company would appreciate completing the online questionnaire posted on the website of Samruk-Energy JSC in the interactive version of this Report.

GRI 2-3

You can share your feedback on the 2023 Report and ask questions about the Report by contacting the contacts listed below.

Madina Aisarieva, Head of the Corporate governance and sustainable development department
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e-mail: m.aisarieva@samruk-energy.kz

Independent assurance

GRI 2-5

Samruk-Energy JSC ensures transparency and independent confirmation of the disclosed information. In the reporting year, external assurance was conducted by PricewaterhouseCoopers in relation to financial information included in the Integrated Annual Report for 2023 and in relation to selected non-financial information.

PricewaterhouseCoopers has conducted an audit of the financial statements that was prepared in accordance with applicable law and International Financial Reporting Standards (IFRS) adopted in the United Kingdom and issued by the IASB.

In addition, PwC provided assurance regarding selected non-financial information published in accordance with GRI Standards.

Forward-looking statements

This Report should be read in its entirety, taking into account the contents of all its sections, as well as the notes and explanations contained therein, including consideration of the information set out in this section.

This Report was prepared on the basis of information available to Samruk-Energy JSC as of December 31, 2023, unless otherwise follows from the meaning or content of such information.

Forward-looking statements are not based on current circumstances and include all statements regarding intentions, opinions or current expectations The Company in relation to the results of its activities and the implementation of its development strategy. By their nature, such forward-looking statements are characterized by risks and uncertainties, as they relate to events and depend on circumstances that may not occur in the future.

Wordings such as "assume", "consider", "expect", "predict", "intend", "plan", "project", "consider", "could", along with other similar or similar expressions, as well as those used with negation, usually indicate the forward-looking nature of the statement. These assumptions contain risks and uncertainties that are foreseen or not foreseen by the Company. Thus, future performance may differ from current expectations, so recipients of the information presented in the Report should not base their assumptions solely on it.

Samruk-Energy JSC makes no guarantees that the actual results, scope or performance of its activities or the industry in which the Company operates will be consistent with the results, scale or performance indicators expressed or implied in any forward-looking statements contained in this Report or elsewhere.

Samruk-Energy JSC shall not be liable for any losses and damages that may arise from any person due to the fact that such a person relied on forward-looking statements. Except as expressly provided by applicable law, the Company assumes no obligation to distribute or publish any updates or changes to forward-looking statements reflecting any changes in expectations or new information, as well as subsequent events, conditions, or circumstances.