



MINISTRY OF ENERGY
OF THE REPUBLIC
OF KAZAKHSTAN



MEMORANDUM OF UNDERSTANDING

BETWEEN THE GLOBAL GREEN GROWTH INSTITUTE (GGGI)

AND THE GOVERNMENT OF THE REPUBLIC OF KAZAKHSTAN,

ACTING THROUGH THE MINISTRY OF ENERGY

ON PROMOTING CLEAN HYDROGEN AND GREEN GROWTH

WITHIN THE FRAMEWORK OF THE H2G INITIATIVE

The Ministry of Energy of the Republic of Kazakhstan (hereinafter referred to as the “Ministry”) and the

Global Green Growth Institute, an international organization established in 2012 by the Agreement on the Establishment of the Global Green Growth Institute among its Members, with its headquarters located in Seoul, Republic of Korea (hereinafter referred to as “GGGI”), hereinafter individually referred to as a “Party” and collectively as the “Parties,”

Considering that the primary objective of GGGI is to support sustainable development in developing and emerging countries, including the least developed countries, through a development approach aimed at achieving economic growth that is both environmentally sustainable and socially inclusive;

Also considering that the Ministry is the central executive body of the Republic of Kazakhstan responsible for the formulation and implementation of state policy and coordination of governance processes in the areas of the oil and gas and petrochemical industries, transportation of hydrocarbons, subsoil use related to hydrocarbons, state regulation of the production of petroleum products, gas and gas supply, main pipeline infrastructure, electric power industry, heat power industry (in terms of production, transportation, and sale of thermal energy), and the development of renewable energy sources;

Being convinced that cooperation and interaction between the Parties will serve their common goals and make their respective activities more effective and beneficial;

Hereby, based on mutual trust and interest, the Parties have signed this Memorandum of Understanding on Promoting Clean Hydrogen and Green Growth within the Framework of the H2G Initiative (hereinafter referred to as the “Memorandum”) as follows:

Article 1 Objectives

1. The objective of this Memorandum is to establish cooperation and promote interaction between the Parties in order to advance collaboration in the field of clean hydrogen through their participation in the H2G Initiative, thereby contributing to joint efforts in support of the 2030 Agenda for Sustainable Development and the Paris Climate Agreement of December 12, 2015. This cooperation shall be based on the Parties’ respective comparative advantages and shall aim to ensure complementarity and mutual reinforcement.

Article 2

Areas of Cooperation

2. In order to achieve the objective set forth in paragraph 1 of this Memorandum, the Parties shall cooperate in the following areas:

1) Joint efforts to explore the implementation of pilot projects on clean hydrogen and energy in the Republic of Kazakhstan;

2) Facilitation of technology transfer and research collaboration to support the development and deployment of clean hydrogen projects in the Republic of Kazakhstan within the framework of the H2G Initiative;

3) Provision of joint technical input into the development of national and global clean hydrogen agendas, as well as support for the market deployment and scaling up of clean hydrogen solutions;

4) Promotion of knowledge exchange, networking, and capacity building between GGGI, the Ministry, and relevant local entities to advance Kazakhstan's transition to clean hydrogen and achieve green growth objectives;

5) Implementation of other related activities as may be mutually agreed upon by GGGI and the Ministry from time to time, in accordance with the internal policies and procedures of each Party, with a focus on the development and adoption of clean hydrogen.

3. Cooperation and interaction under this Memorandum in the aforementioned areas, as well as in any additional activities mutually agreed upon by the Parties, shall be subject to the respective mandates, objectives, functions, policies, and procedures of each Party.

4. The Parties may enter into definitive agreements for specific projects, which will further define the scope of activities and financial arrangements. The details of such agreements shall be outlined in separate documents.

Article 3

Consultations and Information Exchange

5. The Parties shall hold consultations as necessary to review the planning, implementation, and outcomes of their joint activities, as well as to identify opportunities and follow-up actions to deepen their cooperation. The Parties acknowledge that effective cooperation depends on open, comprehensive, and regular communication and information exchange at the institutional level, in accordance with each Party's information disclosure policies.

Article 4
Disclosure, Use of Institutional Symbols, and Publication

6. The Parties acknowledge that, by mutual consent, this Memorandum and any related information may be disclosed to the public by either Party, in accordance with that Party's information disclosure policy.

Article 5
Confidentiality

7. The Parties agree that any confidential information received under this Memorandum from the other Party shall not be disclosed to any third party without the prior written consent of the other Party.

For the purposes of this Memorandum, "Confidential Information" means any information designated as confidential by the disclosing Party.

Article 6
Integrity, Ethics, and Environmentally and Socially Sustainable Practices

8. The Parties acknowledge their mutual commitment to upholding integrity, ethics, and environmental and social sustainability in all their activities. They expect that all personnel, consultants, contractors, or other partners or representatives working with either Party or involved in any activities related to this Memorandum will contribute to and uphold the highest ethical standards.

Article 7
Status of the Parties

9. Each Party to this Memorandum is an independent and separate legal entity acting in its own name. This Memorandum does not authorize either Party to act on behalf of or in the interest of the other Party, nor to enter into any obligations, agreements, or other legally binding actions on behalf of the other Party without the prior written consent of the respective Party.

10. Each Party shall bear its own costs related to the implementation of this Memorandum.

11. The Parties explicitly state that the conclusion of this Memorandum does not impose any legal obligations on the Parties and does not create any financial commitments.

Article 8
Nature of the Memorandum

12. This Memorandum shall not serve as a basis for any liability of the Parties for non-performance of its provisions (neither Party shall be liable to compensate the other Party, including for any damages or losses, in connection with the non-performance or termination of this Memorandum).

Article 9
Designated Representatives

13. Each Party shall designate the following coordinators as the main points of contact for their respective organizations. These coordinators will ensure regular and effective interaction between the Parties and facilitate direct cooperation with relevant departments.

On behalf of GGGI

Hakseok Ryu
Director of Partnerships and
Outreach
Email: hakseok.ryu@gggi.org
Tel: +82 10 9530 0193

On behalf of the Ministry of Energy of
the Republic of Kazakhstan

Zhaslan Kassenov
Director of the Department for
Renewable Energy Sources
Email: zh.kassenov@energo.gov.kz
Tel: +7 7172 78-97-33

14. In the event of a change in the designated coordinator, notification shall be promptly provided to the other Party.

Article 10
Miscellaneous Provisions

15. This Memorandum shall enter into force on the date of the last signature by the Parties and shall remain in effect for a period of three (3) years.

16. Any disputes arising from the interpretation or application of this Memorandum shall be resolved amicably through consultations or negotiations between the Parties.

17. This Memorandum is not an international treaty within the meaning of the Vienna Convention on the Law of Treaties of May 23, 1969, and does not create any rights or obligations under international law for the Parties or their respective States.

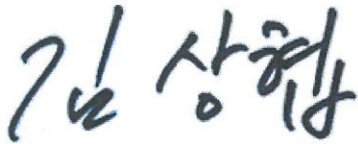
Executed in the city of Seoul on October 15, 2025, in three original copies in Kazakh, Russian, and English languages. In the event of any discrepancy between the texts, the English version shall prevail.

Date: October 15, 2025

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**On behalf of the Global Green
Growth Institute**

**On behalf of the Ministry of Energy
of the Republic of Kazakhstan**



**Sang-Hyup Kim
Director General**

**Ilyas Bakytzhan
Vice-Minister**