

**Batumi Initiative on Green Economy (Nicosia call)
Actions by Ministry of Ecology, Geology and Nature Recourses
of Republic of Kazakhstan**

Organization: The Ministry of Ecology, Geology and Nature Recourses of Republic of Kazakhstan

Title: Prioritize Nature-based solutions in infrastructure

Уделяйте приоритетное внимание природным решениям в инфраструктуре

Focus area 3: Enhance ecosystems and ecosystem services as part of ecological infrastructure.

Description of the action: Within the framework of the national project "Green Kazakhstan", in order to achieve the Task of preserving the ecosystems of the country's water bodies, an inflow into Lake Balkhash of at least 12 km³/year will be planned. It is also planned to increase the volume of the Northern Aral Sea by 35% (from 20 to 27 km³). Four lakes (Kopa, Borovoe, Shchuchye and Shalkar) will be cleaned and restored. Measures have been taken to reduce the volume of fresh water intake in industry by 1.3 km. For additional accumulation of water with a volume of 1.7 km³, 9 reservoirs will be built.

It is planned to increase the country's forest cover up to 5% by 2025 by planting 2 billion trees.

В рамках национального проекта «Зеленый Казахстан» для достижения Задачи по сохранению экосистем водных объектов страны планируется обеспечен приток в озеро Балхаш не менее 12 км³/год. Также планируется увеличение объема Северного Аральского моря на 35 % (с 20 до 27 км³). Будет проведена очистка и восстановление четырех озер (Копы, Боровое, Щучье и Шалкар). Проведены мероприятия по снижению объема забора свежей воды в промышленности на 1,3 км. Для дополнительного аккумулирования воды объемом 1,7 км³ будут построены 9 водохранилищ.

Увеличение лесистости страны до 5% к 2025 году планируется достигнуть за счет посадки 2 млрд. деревьев.

Action's timeframe/milestones, as appropriate: 2022-2025 years

Type of action: infrastructure projects, construction, repair of facilities, stocking, planting trees

Economic sectors: forestry, fishing, agriculture, energy, manufacturing, water, construction

Reference instruments and sources, as appropriate: public and private budgets, public private partnership

Expected co-benefits and impact of the outcome: The Republic of Kazakhstan have implemented necessary measures concerning nature-based solutions in infrastructure in some sectors of the economy.

SDGs target(s) that the action may contribute to implement: (SDG 9, SDG 13, SDG 14, SDG 15)

Implementation of Environmental Performance Review (EPR) Recommendations, as appropriate:

Objectively verifiable indicators, as appropriate: Indicators of achievement by 2025:

- 1) inflow to Lake Balkhash at least 12 km³/year;
- 2) increase in the volume of the Northern Aral Sea by 35% (from 20 to 27 km³);
- 3) reduction of fresh water intake in industry by 1.3 km;
- 4) accumulation of water with a volume of 1.7 km³;
- 5) increasing the country's forest cover to 5%.

Индикаторы достижения к 2025 году:

- 1) приток в озеро Балхаш не менее 12 км³/год

- 2) увеличение объема Северного Аральского моря на 35 % (с 20 до 27 км³)
- 3) снижение объема забора свежей воды в промышленности на 1,3 км³
- 4) аккумулярование воды объемом 1,7 км³
- 5) увеличение лесистости страны до 5%

Partners: National partners, Ministries of Economy, private sectors, relevant international organizations and projects

Contact points:

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Additional information on the Nicosia focus of the action:

- **Is the action related to the Nicosia environmental theme I: “Greening the economy in the pan-European region: working towards sustainable infrastructure”? (YES / NO)**
 - *If yes, please indicate below to which “International Good Practice Principles for Sustainable Infrastructure¹” does the action contribute:*
 - YES: Principle 4 Avoiding environmental impacts and investing in nature

 - **Is the action related to the Nicosia environmental theme II: “Applying principles of circular economy to sustainable tourism”? (YES / NO)**
 - No
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