



**THE STATE COMMITTEE  
OF THE REPUBLIC OF UZBEKISTAN  
FOR ECOLOGY AND ENVIRONMENT PROTECTION**

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**Jakhongir TALIPOV  
Head of International Office**



**STATE COMMITTEE FOR  
ECOLOGY AND ENVIRONMENT  
PROTECTION  
REPUBLIC OF UZBEKISTAN**





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## **About the Committee...**

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**Established: 1988**

**Headquarter: Tashkent, Uzbekistan**

**Employers: 12 000<**

**Administration: Chairman N.Oblomuradov  
First Deputy Chairman  
Deputy Chairman (2)**

# INTERNATIONAL TREATIES AND AGREEMENTS

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Convention on  
Biological Diversity



Convention on International Trade  
in Endangered Species of Wild  
Fauna and Flora



Basel Convention



**CMS**

Convention on Migratory Species



**AEWA**

Agreement on the Conservation of African-  
Eurasian Migratory Waterbirds



**STOCKHOLM  
CONVENTION**

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**SUSTAINABLE  
DEVELOPMENT  
GOALS**



**United Nations**  
Framework Convention on  
Climate Change



**United Nations**  
Convention to Combat  
Desertification

# MILESTONES AND STRATEGY

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A number of **crucial and strategic** legal documents have been adopted over the past year, including:

- The **Concept of Environmental Protection** for the **2030** period;
- The **Strategy for Biodiversity Conservation** in the for the period **2019-2028**;
- The Strategy for the transition of the Republic of Uzbekistan to "**Green economy**" for the period **2019-2030**;
- Government Resolution on improving the system of **environmental monitoring** in the Republic of Uzbekistan;

and a number of other important regulations and laws...

# ARAL SEA REGION - ZONE OF ECOLOGICAL INNOVATION AND TECHNOLOGIES



**PRESIDENT OF UZBEKISTAN H.E. SHAVKAT MIRZIYOYEV**  
**72<sup>th</sup> SESSION OF THE UN GENERAL ASSEMBLY**  
SEPTEMBER 19<sup>th</sup>, 2017

*“I would like to once again draw your attention to one of the most acute **ecological problems of our time - the Aral Sea catastrophe**”.*

H.E. Sh.Mirziyoyev at the UN GA 72<sup>th</sup> session

*“We propose to adopt a special resolution of the UN General Assembly declaring the **Aral Sea region an area of ecological innovation and technologies**.”*

H.E. Sh.Mirziyoyev at the UN GA 75<sup>th</sup> session

*“Uzbekistan pays special attention to combatting **climate change**, protecting the **environment and biodiversity**. We are determined to achieve the **goals of the Paris Agreement**.”*

H.E. Sh.Mirziyoyev at the UN GA 76<sup>th</sup> session

# FORESTRY AND LANDSCAPE RESTORATION

## The **ARAL SEA** afforestation campaign



**2018-2019: 461 ha\***

**2019-2020: 706 ha**

**2020-2021: 354 ha**

\*thousand hectares  
afforested area cover

## **YASHIL MAKON** (*Green Space*) nationwide afforestation campaign

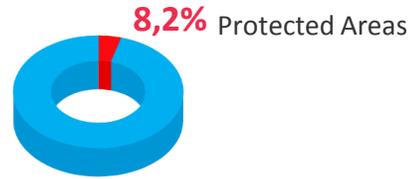


Goal: **1 billion** tree plant in **5 years**



# EXPANSION OF PROTECTED AREAS

As of January 2022

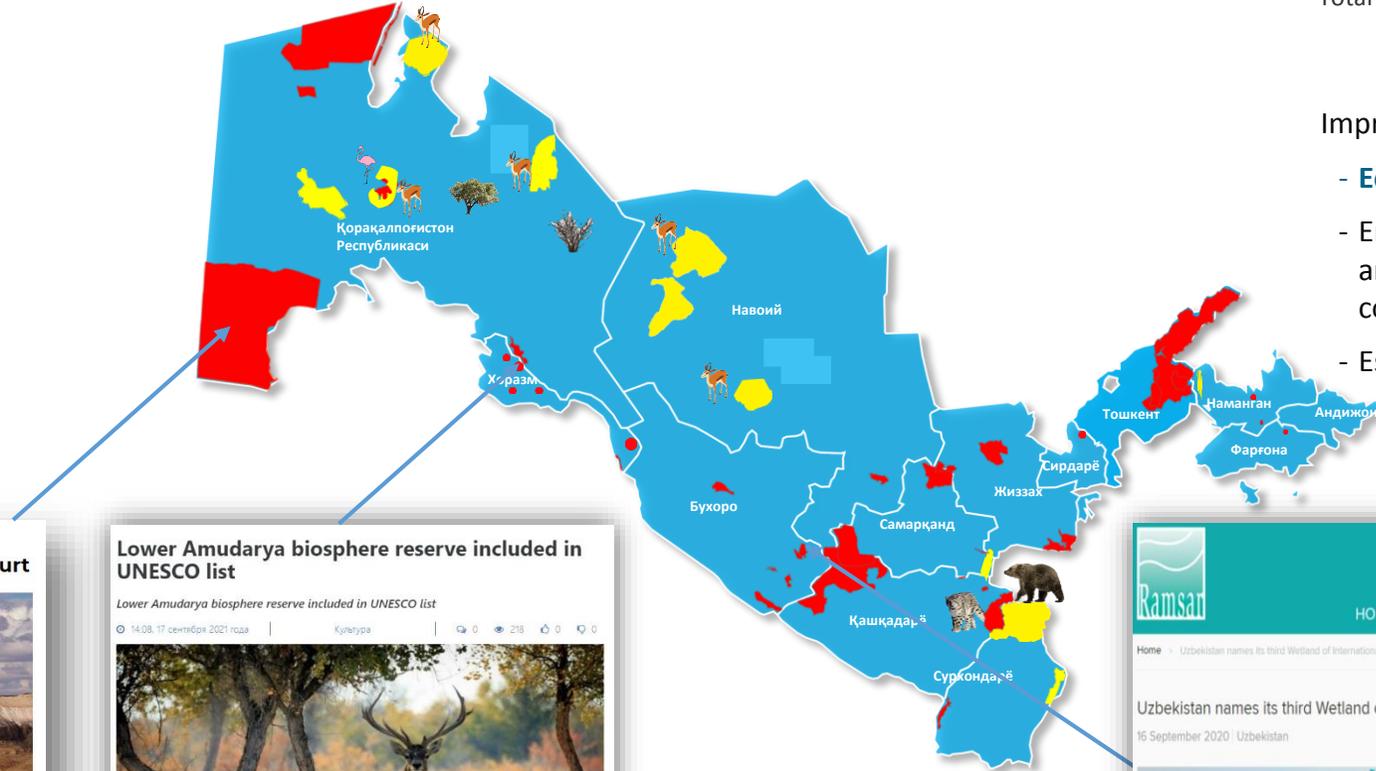
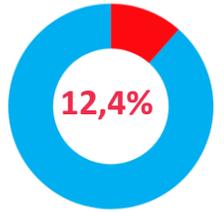


**3,52 million ha**  
Existing Protected Areas

**2,05 million ha**  
Planned to designate

By the year of 2028

**5,57 million ha**  
Total area of PA coverage



Improving protected area system:

- Eco-tourism development;
- Enhance biodiversity conservation and create income to local communities;
- Establish network of PA's.

19.51 / 12.11.2020 286 Share

### Uzbekistan creates National Nature Park South Ustyurt

Photo: legacyuz

National Nature Park South Ustyurt with a total area of 1,447,143 hectares has been created in the Kungrad district of Karakalpakstan. A relevant decree on its establishment was signed on November 11.

The park is a state environmental institution and is regarded as a structural subdivision of the State Committee for Ecology.

### Lower Amudarya biosphere reserve included in UNESCO list

Lower Amudarya biosphere reserve included in UNESCO list

UNESCO's Man and the Biosphere (MAB) Program added 20 new sites in 21 countries. Lower Amudarya State Biosphere Reserve (LABR) in Uzbekistan has also been included in the UNESCO network. The decision was announced at the 33rd International Coordination Council of the UNESCO Man and the Biosphere Program, which was underway on September 13-17 in Abuja, Nigeria.

### Uzbekistan names its third Wetland of International Importance

16 September 2020 | Uzbekistan

Uzbekistan has designated Tudakul and Kuymazar Water Reservoirs as its third Wetland of International Importance (Ramsar Site no. 2433). Located in the Navoiy region in the south-western Kyzylkum Desert, these two reservoirs serve as water storage in the arid "desert and xeric shrubland" biogeographic region of Central Asia.

Kuymazar Reservoir is the main source of drinking water for Bukhara, the fifth largest city in Uzbekistan, and for the nearby town of Kogan. Its water is lower in salinity than that in the neighbouring Tudakul Reservoir, which is used for aquaculture and agriculture.

This large wetland, which has a total area of almost 32,000 hectares, serves as an important stopover point for migrating birds along the Central Asian Flyway, with the average annual number exceeding 40,000 during the last five years in which counts have taken place. Some 229 bird species have been recorded, including the endangered white-headed duck (*Oxyura leucocephala*) of which more than 1% of the biogeographical population winters in the site.

Among the threatened non-avian species found are the vulnerable goitered gazelle (*Gazella subgutturosa*) and the critically endangered Amu Darya shovelnose sturgeon (*Pseudoscaphirhynchus kaufmanni*).

# ENVIRONMENTAL MONITORING



Need to improving the monitoring system:

- Introduction of **Remote sensing and GIS tools**;
- mainstreaming **Drone** usage, **mobile Lab** vehicles;
- Implementation of the **SMART patrol system** and the use of photo traps, etc.

# ENVIRONMENTAL MONITORING



Mobile laboratory



Mobile center for operating unmanned aerial vehicle (drone)

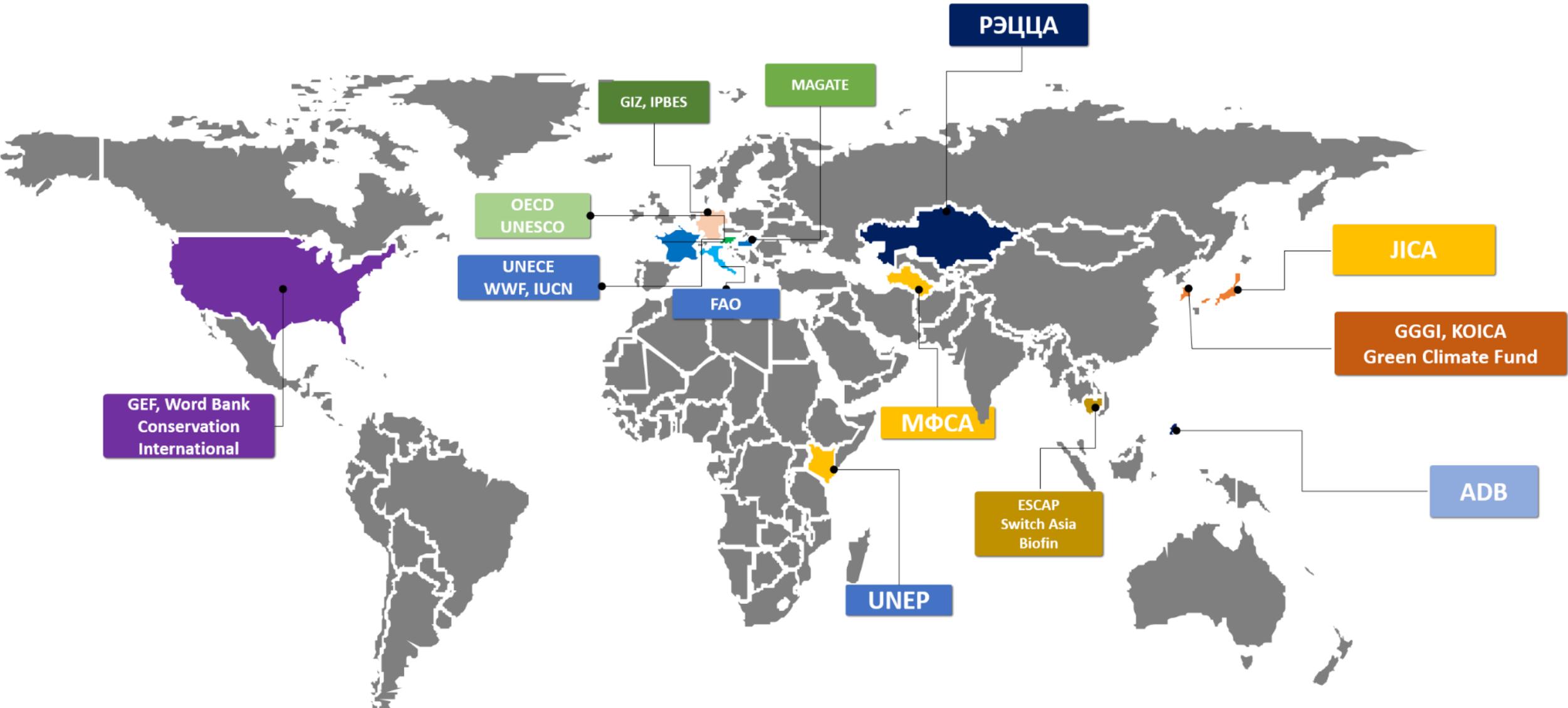


Environmental friendly vehicles for regional departments



Off-road vehicles for protected natural areas

# INTERNATIONAL COOPERATION AND RELATIONS

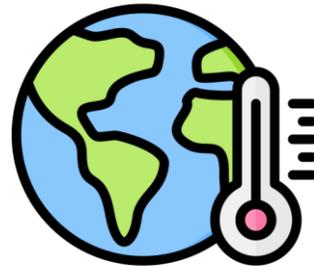
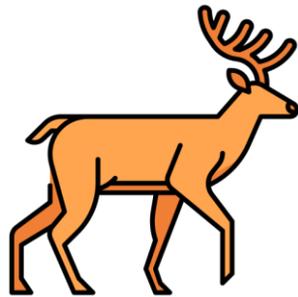
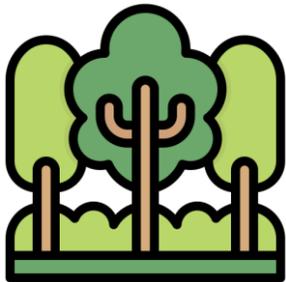


# INTERNATIONAL PROJECTS and PROGRAMMS

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- Grant projects portfolio:** 18 projects – \$73,3M
- Ongoing projects:** 13 projects – \$44,3M
- By the end of 2022:** 2 projects – \$6,3M to be launched
- In 2023:** 3 new projects – \$22,8M grant and technical support will be mobilized.
- Key partners:** UNDP, UNEP, FAO, GIZ, EBRD, GGGI, IUCN etc.

**Priorities** for implementation grant and technical assistance projects:



# INTERNATIONAL COOPERATION



Global  
Green Growth  
Institute



STATE COMMITTEE FOR ECOLOGY  
AND ENVIRONMENT PROTECTION  
REPUBLIC OF UZBEKISTAN

**“Green Rehabilitation Investment Project for Karakalpakstan Republic to address impacts of the Aral Sea Crisis” (ARAL GRIP)**

Budget: **\$6M** (KOICA grant funds)



# EDUCATION and ECO-TOURISM



“Sustainable natural resource and forest management in key mountainous areas important for globally significant biodiversity”  
(Snow Leopard) Budget: \$6,5M (GEF grant funds)



Chatkal State Biosphere Reserve  
(Parkent, Tashkent region)



Gissar State Reserve  
Shakhrisabz, Kashkadarya region



# Ozone (ODS) Project

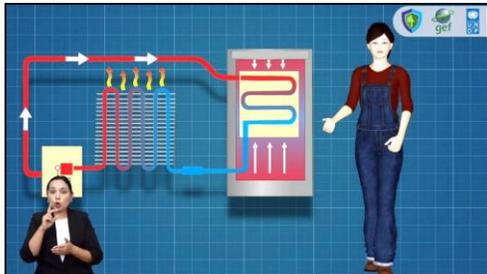


“Complete HCFC Phase-out in Uzbekistan through Promotion of Zero ODS Low GWP Energy Efficient Technologies” (HCFC)

Budget: \$2,0M



Energy efficient technologies with zero ODS and low GWP



Online learning courses on RAC



Refrigerator



MoU between SCEEP and UNDP on the Ozone Layer Protection (January, 2022)



Project Coordination Meeting (December, 2020)



Ozone Layer Protection Day (September, 2021)

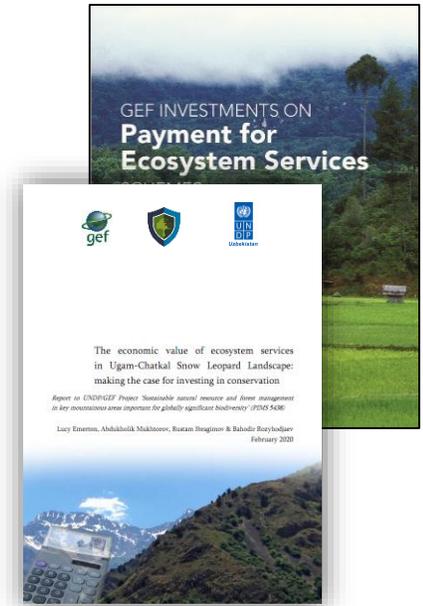
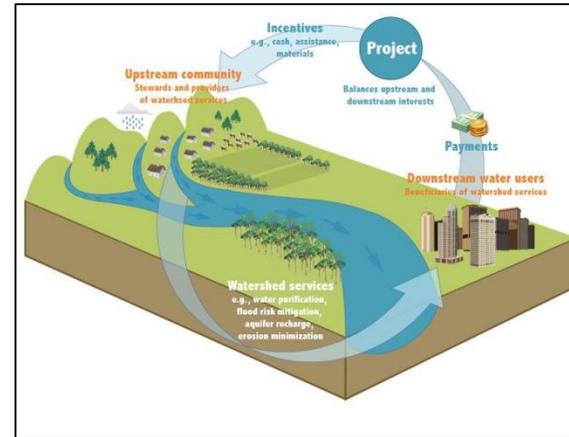
# BIODIVERSITY FINANCE



“Sustainable natural resource and forest management in key mountainous areas important for globally significant biodiversity” (Snow Leopard) Budget: \$6,5M (GEF grant funds)



“Biodiversity Financing Policy and Institutional Review” (BioFIN) Budget: \$0,3M



# INVESTMENT PROJECTS

## GENERAL INFORMATION

10 ongoing projects on solid waste management with the total cost of 720.3 mln USD funded by international financial institutions



**286,8**  
mln USD  
3 projects



European Bank  
for Reconstruction and Development

**313,2**  
mln USD  
5 projects



**31,8**  
mln USD  
1 project

**Karakalpakstan**  
Landfills reclamation  
EBRD funded project  
**80,0 mln USD**  
2021-2025

**Tashkent Region**  
Electricity generation from  
landfill gas processing  
Sejin G&E Co., Ltd.  
**28,5 mln USD**  
2017 - present

**Namangan**  
Sustainable management of  
solid waste  
ADB funded project  
**66,9 mln USD**  
2022-2026

**Andijan**  
Sustainable management of  
solid waste  
ADB funded project  
**51,5 mln USD**  
2022-2026

**Fergana**  
Sustainable management of  
solid waste  
ADB funded project  
**74,8 mln USD**  
2022-2026

**Khorezm**  
Landfills reclamation  
EBRD funded project  
**40,0 mln USD**  
2021-2025

**Samarkand**  
Modernization of the integrated  
solid waste management  
French Development Agency  
**23,5 mln USD**  
2017-present

**Kashkadarya**  
Sustainable management of  
solid waste  
ADB funded project  
**105,8 mln USD**  
2022-2026

**Surkhandarya**  
Sustainable management of  
solid waste  
ADB funded project  
**121,1 mln USD**  
2022-2026

Projects for solid waste management based on credit and technical assistance from international financial institutions

### Ongoing

No	Project area	Funding line	Budget (mln USD)
1	Samarkand Region	French Development Agency	31,8
2	Tashkent Region	Sejin G&E Co., Ltd	28,5
3	Republic of Karakalpakstan and Khorezm Region	EBRD	120,0
4	Other	Asian Development Bank (ADB)	60,0
<b>Total</b>			<b>240,3</b>

### Planned

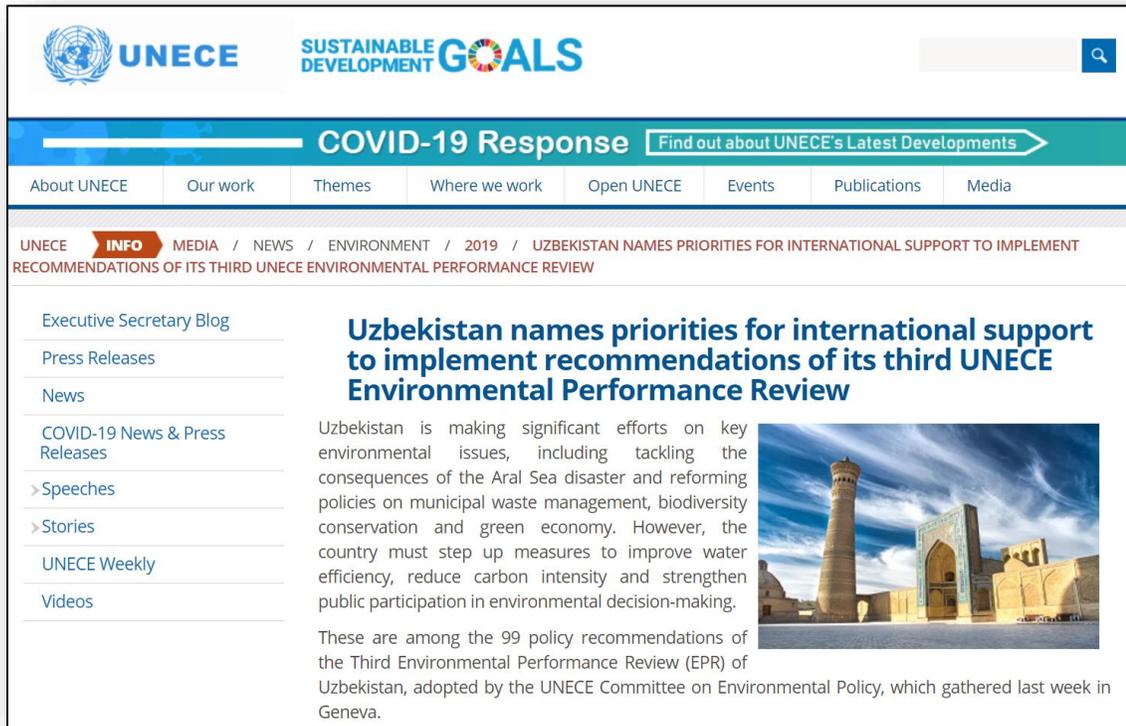
No	Project area	Funding line	Budget (mln USD)
1	Andijan Region	EBRD	51,5
2	Namangan Region		66,9
3	Fergana Region		74,8
4	Kahkadarya Region	Asian Development Bank (ADB)	105,8
5	Surkhandarya Region		121,0
6	Jizzakh Region	Korea Environmental Industry & Technology Institute (KEITI)	90,0
<b>Total</b>			<b>510</b>



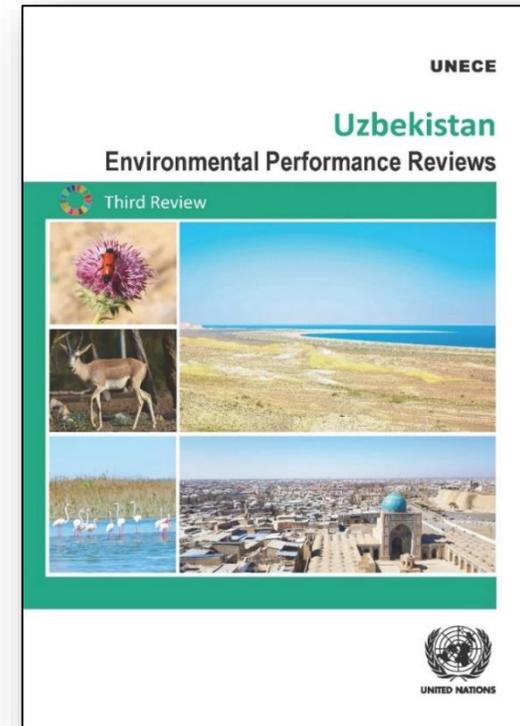
Create a mechanism for sustainable management of solid waste in Uzbekistan  
**Export-Import Bank of Korea (KEXIM)**  
**0,21 mln USD** 2021 (8 months)

Developing a master plan for sustainable management of solid waste in Uzbekistan  
**Korea Environmental Industry & Technology Institute**  
**0,75 mln USD** 2020-2021 (12 months)

# UZBEKISTAN: ENVIRONMENTAL PERFORMANCE REVIEWS



The screenshot shows the UNECE website interface. At the top, there are logos for UNECE and Sustainable Development Goals. A navigation bar includes 'About UNECE', 'Our work', 'Themes', 'Where we work', 'Open UNECE', 'Events', 'Publications', and 'Media'. Below this, a search bar and a 'COVID-19 Response' banner are visible. The main content area features a news article with the headline 'Uzbekistan names priorities for international support to implement recommendations of its third UNECE Environmental Performance Review'. The article text states: 'Uzbekistan is making significant efforts on key environmental issues, including tackling the consequences of the Aral Sea disaster and reforming policies on municipal waste management, biodiversity conservation and green economy. However, the country must step up measures to improve water efficiency, reduce carbon intensity and strengthen public participation in environmental decision-making.' An image of a mosque is shown below the text. A sidebar on the left contains links for 'Executive Secretary Blog', 'Press Releases', 'News', 'COVID-19 News & Press Releases', 'Speeches', 'Stories', 'UNECE Weekly', and 'Videos'.



The cover of the report features the UNECE logo at the top right. The title 'Uzbekistan Environmental Performance Reviews' is prominently displayed, followed by 'Third Review'. The cover image is a collage of four photos: a purple thistle, a gazelle, a landscape with a body of water, and a cityscape with a mosque. The United Nations logo is at the bottom right.



*“...I urge international partners to support Uzbekistan in implementation of EPR recommendations”*

**Ms.Olga Algayerova  
UNECE Executive Secretary**

# PRIORITIES FOR UZBEKISTAN (NEXT 5-10 YEARS)

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- Ensuring public awareness and **enable meaningful public participation** in environmental matters;
- Join **global** and regional **MEAs** that the country is not party;
- Improve **environmental assessment** by reforming EIA/SEE and introducing SEA;
- Automate **environmental monitoring** (PM<sub>10</sub> и PM<sub>2.5</sub>);
- Expand **PA's** and ensure the ecological connectivity **of the PA's**;
- Increase efforts to address **water losses** in agriculture;
- Take measures to decrease the carbon and **energy intensity of the economy** and introduce support measures for **RES**, in particular, **solar energy**;
- Improve management of **wastewater** from industrial enterprises and develop **sanitary landfills**;
- Rehabilitate **uranium legacy** sites and eliminate risks from obsolete pesticides and other **POPs**;
- Reduce the environment and **climate change** related health risks and hazards and improve **road safety**.

**THANK YOU!**

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