

## LIST OF PROJECT PROPOSALS OF ASBP-4

### Integrated use of water resources

- 1.1. Supporting optimal hydraulic structure operational regime to ensure preservation and rehabilitation of water ecosystems in the Syrdarya river delta
- 1.2. Modernization and reconstruction of existing water facilities for irrigation purposes to ensure the rational use of water resources in the Aral Sea basin (including all the projects suggested by the countries in the field of modernization and reconstruction)
- 1.3. Ensuring the dam and large hydraulic structures safety in Central Asia: capacity development and regional cooperation
- 1.4. Impact assessment of the sedimentation in the reservoirs in Central Asia on the efficiency of water regulation and improvement of methods for integrated research and forecasting of the sedimentation process
- 1.5. Improvement of the reclamation conditions of irrigated lands in the Amudarya and Syrdarya rivers basins
- 1.6. Implementation of automated control systems for technological processes related to distribution, accounting and monitoring of water resources in the Syrdarya river basin. Development of the national water information systems as a basis for further creation of a regional information system
- 1.7. Improved accounting and monitoring system for water resources in the Amudarya and Syrdarya rivers basins
- 1.8. Modernization of reclamation pumping stations to improve the reclamation conditions of agricultural lands in Kanibadam and B. Gafurov districts from the impact of the reservoir "Bahri Tojik" and implementation of bank protection activities on the banks of the given reservoir
- 1.9. Reconstruction and improvement of the operational condition of the reclamation facilities of interstate importance
- 1.10. Rehabilitation and development of small local water reservoirs in the Amudarya river delta
- 1.11. Introduction of advanced methods to correct the irrigation regimes for agricultural crops
- 1.12. Introduction of water saving technologies and water reuse in the water user sectors
- 1.13. Building the capacity and strengthening the material and technical base of regional and national water management organizations
- 1.14. Water and education: fostering respect for water in the Central Asian states

### Environmental

- 2.1. Joint actions for adaptation to climate change, including measures for adaptation of the most vulnerable sectors: water and agriculture, drinking water, energy, biodiversity, forest, pasture and mountain ecosystems, consisting of two directions: Development of a regional action plan for adaptation to climate change (2.1 .1.) and Dissemination of climate adapted agricultural practices (2.1.2.)
- 2.2. Glaciological study and monitoring of glaciers on the territory of the Republic Tajikistan
- 2.3. Regional program for the protection of biological resources of Central Asia
- 2.4. Conservation and restoration of ecosystems of the Amu Darya and Syrdarya rivers basins
- 2.5. Organization of systemic forest plantations in the Aral Sea zone and on the dried bottom of the Aral Sea
- 2.6. Integrated solid waste management
- 2.7. Development of a monitoring system for the conditions of the environment and water resources in the Aral Sea region and on the dried seabed
- 2.8. Environmentally sustainable land management and livelihoods in rural areas, including prevention of desertification, degradation and soil salinization
- 2.9. Development of environmental innovations and technologies in the Aral Sea region
- 2.10. Improving the quality of water in rivers and reservoirs, considering international standards, elimination and prevention of pollution, including industrial waste
- 2.11. Reducing the risks of natural disasters associated with floods, mudflows and droughts in the Aral Sea basin
- 2.12. Development of transboundary eco-corridors, regional networks of specially protected natural areas for the conservation of biodiversity

### Socio-economic

- 3.1. Ensuring the access to drinking water and sanitation for the population of the Aral Sea basin
- 3.2. Improving the quality of medical care
- 3.3. Increasing the productivity of irrigated land and pastures
- 3.4. Development of ecotourism and increasing tourism potential
- 3.5. Development of renewable energy sources and energy efficiency
- 3.6. Development of agricultural production and agribusiness

### Improvement of institutional and legal mechanisms

- 4.1. Improvement of institutional and legal basis of IFAS
- 4.2. Improvement of institutional structures on water resources management in the countries of Central Asia at national level



ASBP-4

## ACTION PROGRAM FOR ASSISTANCE TO THE COUNTRIES OF THE ARAL SEA BASIN (ASBP-4), 2021-2030

## THE ARAL SEA BASIN PROGRAMS

The Aral Sea Basin Programs (ASBPs) are an integral part of the activities of the International Fund for saving the Aral Sea (IFAS) to improve the socio-economic and ecological situation in the Aral Sea Basin.

They are being developed in order to present a common vision of the countries of the region on the development and implementation of projects and programs of a regional and national character to prevent the negative consequences of the Aral Sea crisis and solve the problems of the Aral Sea basins.

During the period of the functioning of IFAS, four ASBPs were adopted:

### 1994-1999

Program of concrete actions to improve the ecological situation in the Aral Sea basin for the next 3-5 years, considering the socio-economic development of the region (main directions) 1994-1999 (ASBP-1)

### 2003-2010

Program of concrete actions to improve the ecological and socio-economic situation in the Aral Sea basin for the period of 2003-2010 (ASBP-2)

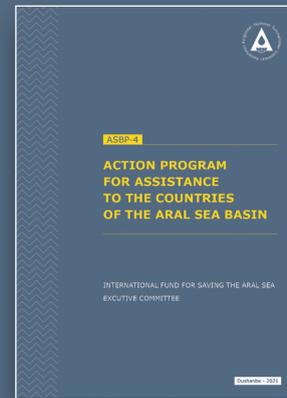
### 2011-2015

Action Program for assistance to the countries of the Aral Sea Basin for the period of 2011-2015 (ASBP-3)

### 2021-2030

Action Program for assistance to the countries of the Aral Sea Basin, 2021-2030 (ASBP-4)

## ARAL SEA BASIN PROGRAM, (ASBP-4)

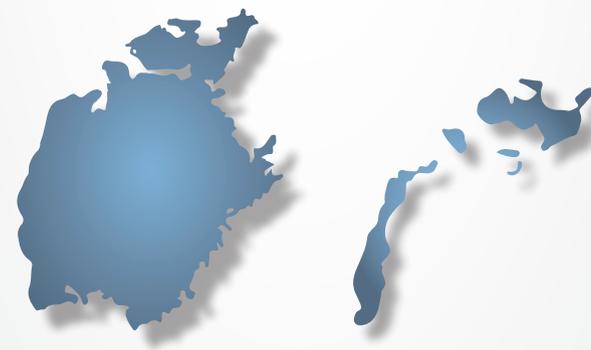


ASBP-4 was approved by the decision of the IFAS Board of June 29, 2021 and the Executive Committee of IFAS was instructed, together with the Interstate Commission for Water Coordination and the Interstate Commission on Sustainable Development, to ensure its implementation.



Given the scale of the problems and the socio-economic situation, the countries of the region consider the ASBP-4 as an integral part of regional cooperation with the participation of the international community.

The project proposals included in the ASBP-4 envisage attracting grant and concessional financing from international donors and development partners, international financial institutions and co-financing from the governments of Central Asian countries.



**1960**  
Area 68900 km<sup>2</sup>  
Volume 1083 km<sup>3</sup>

**2018**  
Area 6990 km<sup>2</sup>  
Volume 69,31 km<sup>3</sup>

## OBJECTIVE AND CORE PRINCIPLES OF ASBP-4

ASBP-4 is a regional program consisting projects including investment ones that contribute to the achievement of water, environmental, food and energy security in Central Asia.

The main goal of the ASBP-4 is to implement joint actions and perspective projects and programs to overcome the Aral Sea crisis and strengthen regional cooperation through targeted actions at the national, regional and international levels to improve the water management, environmental and socio-economic situation, sustainable development and increase the well-being of people in the Aral Sea basin.

Timeframe for the implementation of ASBP-4: 2021-2030.

## ASBP-4 MAIN DIRECTIONS



Area 1: Integrated use of water resources



Area 2: Environmental



Area 3: Socio-economic



Area 4: Improvement of institutional and legal mechanisms