



MINISTRY OF  
AGRICULTURE OF THE  
REPUBLIC OF UZBEKISTAN



COUNCIL OF  
MINISTERS  
OF THE REPUBLIC  
OF KARAKALPAKSTAN



From  
the People of Japan



# THE PROJECT FOR SUPPORTING SELF- RELIANCE THROUGH CLIMATE RESILIENT AGRICULTURE IN THE ARAL SEA REGION



## IMPLEMENTING PARTNERS:

- Ministry of Agriculture of the Republic of Uzbekistan,
- Council of Ministers of the Republic of Karakalpakstan



## OTHER PARTNERS:

Khokimiyats of Chimbay, Hodjeli, Kegeyli, and Nukus districts



## DURATION OF THE PROJECT:

1.5 year (2023-2025)



## BUDGET:

\$2,000,000 USA



## DONOR:

Government of Japan



## TARGET DISTRICTS:

Chimbay, Hodjeli, Kegeyli, and Nukus districts of Karakalpakstan, Uzbekistan

## GENERAL INFORMATION:

The Project aims at increasing self-reliance of people in the targeted communities by introducing climate resilient agricultural practices and social infrastructure. The Project uses the Human Security programmatic framework to address multiple human insecurities faced by population of the Aral Sea region. It will use the top-down protection and bottom-up empowerment principles. It will address the food, economic and social security needs of population affected by the Aral Sea disaster, whose resilience is further at risk due to the climate shocks, chronic water deficit and increased food prices due to the ongoing global and regional food price volatility. Relying on UNDP and other partners' experiences, the Project will identify and advance efficient and innovative solutions in agriculture through the use of alternative energy sources, using Japanese methods of product and business development as well as improving access to clean drinking water in remote climate risk communities.

## MAIN OBJECTIVES:



**COMPONENT 1:** Address food and economic security of the vulnerable women and men and increase their self-reliance through promoting climate-resilient innovative agriculture practices at the household/farm levels.



**COMPONENT 2:** Strengthen adaptive capacities and resilience to climate change in the most suffered communities in Aral Sea region.

## RESULTS AS OF NOVEMBER 2024

### COMPONENT 1:

- Feasibility study of relevant income-generating projects is conducted in Chimbay, Hodjeli, Kegeyli, and Nukus districts. Jointly with partners, review committee on competitive base, selected business projects initiated by youth and women beneficiaries from pilot districts, appropriate technical specifications of the requested equipment identified, open tenders for procuring equipment organized;
- As per decision of review committee 12 initiatives of local farmers and entrepreneurs on processing agricultural products were approved for co-financing which allow to increase their production potential and introduce resource-saving and effective farming practices. Tenders were initiated and currently equipment for 8 initiatives of local farmers and entrepreneurs were delivered and all of them are functioning;
- 100 households and 10 farmers in pilot districts are supported for the establishment of fruit gardens, development of vermicompost, hotbeds, hydroponic systems, bee farming and wood and wool processing workshops. These initiatives created home-based employment and improving food and income security;
- 100 farmers and entrepreneurs of target districts were trained on product development "OVOP" and business development "Kaizen" through series of trainings by International expert in pilot districts. That allows to build capacity in the new innovative solutions in agribusiness, product development and marketing based on the Japanese principles of "One Village - One product" (OVOP) and "Kaizen" to create a value chain for agricultural products;
- Studies on establishing on-line and offline platforms on agriculture information exchange and smart agriculture system were initiated;
- Jointly with hired local expert, knowledge are being shared with households on sustainable agricultural production, promoting crop diversification, use of fertilizers and pest control at household level in pilot areas;
- Organic fertilizer Fujimin is being tested in farms and household yards in the Aral Sea region. production experiments with use of Fujimin in 14 types of agricultural crops at sites in Chimbay, Hodjeli, Kegeyli, and Nukus districts of the Republic of Karakalpakstan. Final results of tests will be identified in end year.

### COMPONENT 2:

- Needs of 12 remote communities are identified in the pilot districts through organization of community mobilization, ensuring community participatory approach of 339 residents of local communities and 12 CDPs (community development plan) on social infrastructure projects such as access to clean drinking water and sustainable electricity supply were developed and materialized;
- 7,296 people (3,610 women) in 12 communities of 4 pilot districts have access to stable electricity supply due to newly supplied 12 sets of electric transformers with a capacity of 250 kVA;
- 3 projects are being completed to ensure access to clean drinking water in three communities of Chimbay, Hodjeli and Nukus districts. As a result of these projects, 5,771 residents (3,029 women) have access to clean drinking water;
- 3 projects on construction, purchase and installation of a decentralized wastewater treatment system using the Japanese technology «Johkasou» are in process. Currently, the purchase of equipment and site construction work is underway.

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