

Regional Environmental Centre for Central Asia

Climate Adaptation and Mitigation Programme for the Aral Sea Basin
(CAMP4ASB)

About CAREC and the CAMP4ASB project



CAREC is supporting the CAMP4ASB project implementation under the auspices of the Executive Committee of the International Fund for Saving the Aral Sea (EC IFAS).

CAREC has offices in all 5 countries of Central Asia. CAMP4ASB is managed by the Almaty regional office.

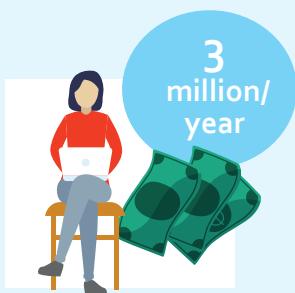
Tajikistan and Uzbekistan have national project components and project coordination units.

Project management



5 countries,
20 agencies

Regular contacts with the countries



3 million/
year

Procurement and financial management



50 points of
contact

International and donor relations



8 persons

Project team in Almaty



30 events/
year

Planning and organizing tasks, contracts, regional conferences



50 reports and
missions/
year

Monitoring and reporting



12 bulletins/
year

Outreach and visibility



47

Project advisors and consultants

Project partners



Parliaments



Foreign ministries



Finance ministries



Environmental authorities



Hydromet services



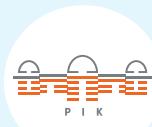
Academia



Civil society organizations



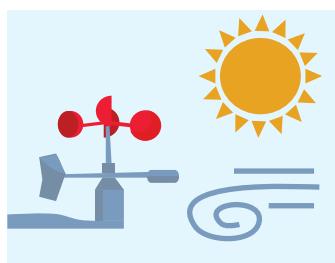
Regional organizations



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Objectives



Improved climate monitoring



Capacity-building



Climate adaptation and mitigation



Improved access to information and knowledge

Time frame



Beneficiaries



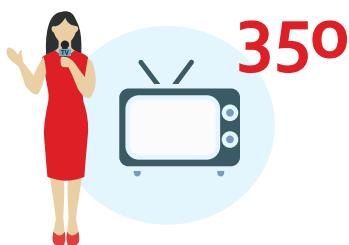
50
Policymakers and members of parliaments



200
National climate experts, educators and scientists



39 000
50% women
Farmers – climate micro-loans, knowledge and training



350
Mass media and civil society representatives actively involved



250
Youth and students trained and engaged



200
Cooperation links with international organizations and donors and scientists

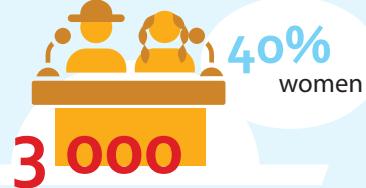
Milestones and targets



3
Regional climate change conferences and networks



70
Climate change training, experience exchange and project monitoring visits



3 000
40% women
Unique participants in regional conferences and training



57
Meteorological stations improved and automated



12 600 ha
Agricultural lands covered by climate adaptation actions



20 000
Users of climate information and knowledge products

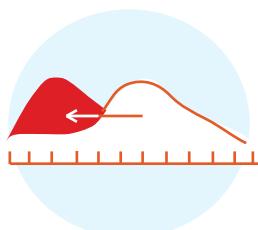
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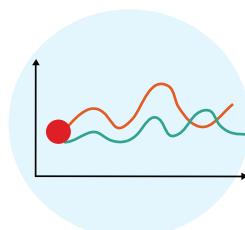
Regional accomplishments



IPCC and UNFCCC observer status for CAREC and visibility for Central Asia



New hydrology forecast models: SWIM and MODSNOW



New models for crop yield and water reservoir forecasting



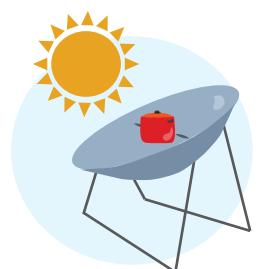
Climate change training and curricula for universities



Farmers trained in climate-smart methods and technologies



Regional networks of NGOs, academia and parliamentarians on climate change



Small-scale climate technologies demonstrated and distributed by NGOs

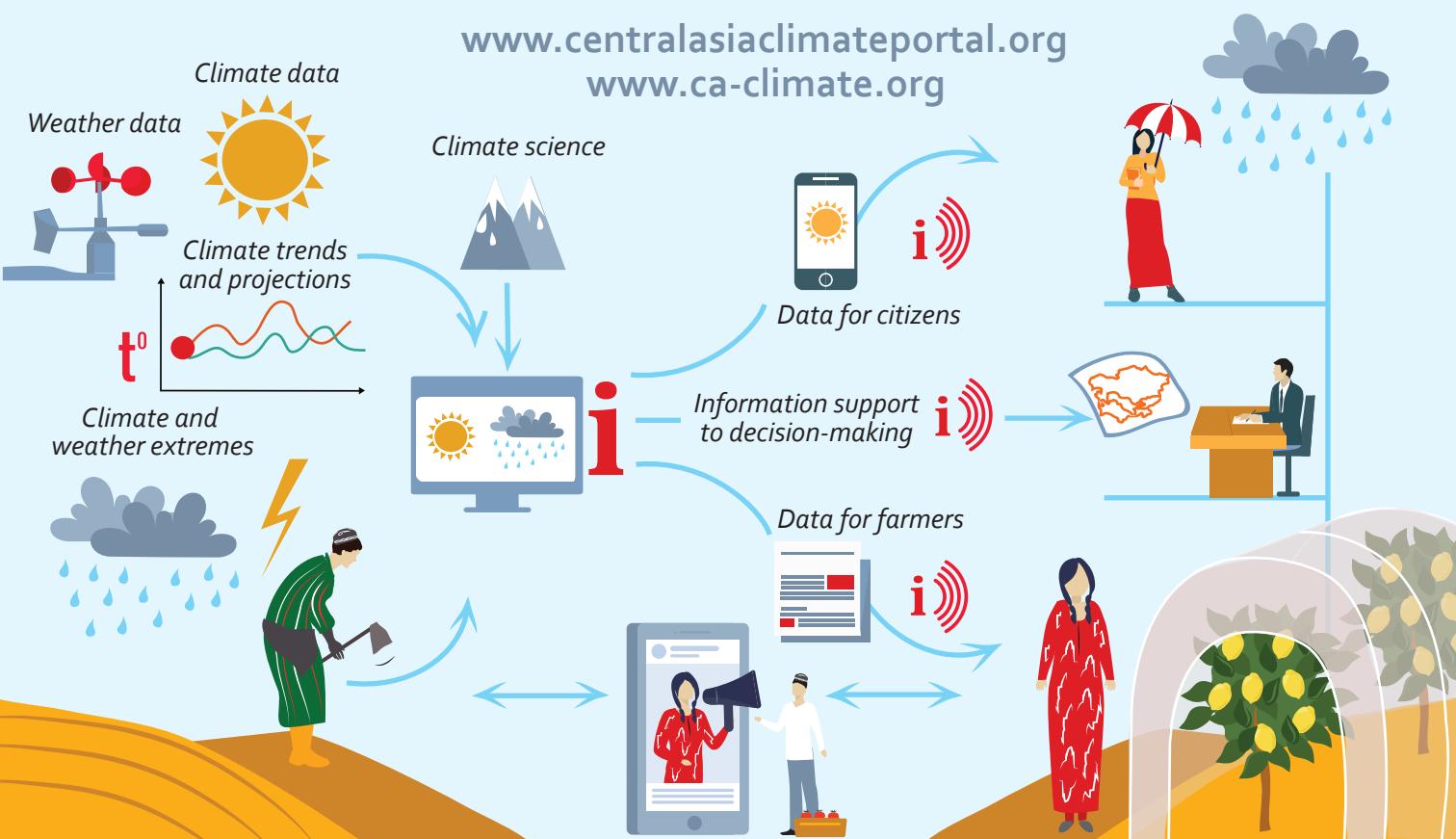


Methodology on climate criteria and evaluation of loans for banks and micro-finance



Photo, poster and best practice competitions, media tours

Regional climate information portals



Practical weather and climate information for local and regional users



Methodologies, assessments, best practices



Maps, news, bulletins for decision makers and practitioners

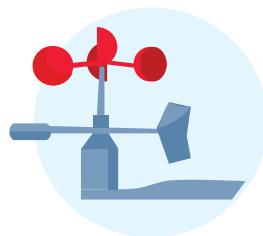
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Climate Adaptation and Mitigation Programme for the Aral Sea Basin (CAMP4ASB)

Regional activities



Regional climate information platform



Modernization of weather and climate monitoring systems



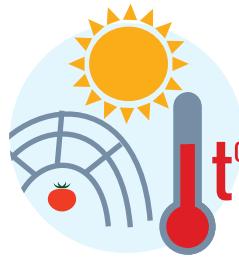
Development of methodologies and tools for climate assessments



Development of information products on climate knowledge



Skills and science development



Climate investment assessment mechanism



Outreach and coalition building



Coordination and management

Funding sources and allocations

Green Climate Fund



Financial instrument

loan

grant

technical and other input



Kazakhstan



Kyrgyz Republic



Turkmenistan



Tajikistan



Uzbekistan

WORLD BANK

Co-financing and contributions from governments and beneficiaries

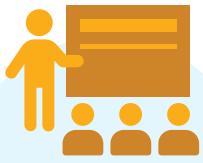
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Climate Adaptation and Mitigation Programme for the Aral Sea Basin (CAMP₄ASB)

Accomplishments in Tajikistan

PROJECT MANAGEMENT UNIT: Ministry of Finance of the Republic of Tajikistan

NATIONAL COORDINATION UNIT: Committee for Environmental Protection under the Government of the Republic of Tajikistan



Hydromet training facilities



Monitoring devices and computers



National glossary on climate, hydrometeorology and water management

100%
Satisfaction rate

Small greenhouses, gardening, dried fruits, livestock and seeds



38 300
Total number of beneficiaries

50%
of whom are women

19 300
New jobs



US\$ 7.7 mln

US\$ 1.5 mln

Contribution from beneficiaries



150
training and awareness-raising events

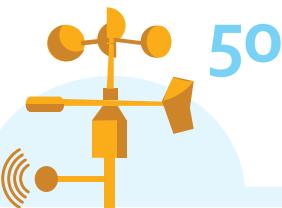
12 300 ha

Overall area of sub-projects

Accomplishments in Uzbekistan

PROJECT MANAGEMENT UNIT: Rural Restructuring Agency under the Cabinet of Ministers of the Republic of Uzbekistan

NATIONAL COORDINATION UNIT: Hydromet Service under the Cabinet of Ministers of the Republic of Uzbekistan



Automated meteorological stations



Mobile environmental laboratories



Improved weather forecasts and water assessments

100%
Satisfaction rate



650
New jobs

46%
of whom are women



US\$ 12.6 mln

US\$ 350 000

Average size of sub-loan



50
training and awareness-raising events

US\$ 8 mln

Contribution from beneficiaries

Large greenhouses, dry fruit production and farms

340 ha



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Central Asia climate change conferences and major events

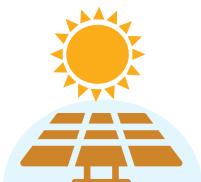
Almaty 2018 and 2019



Climate financing



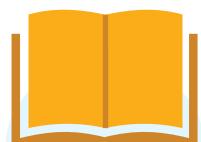
Climate science



Climate technologies



Global climate trends



Climate information and knowledge



Meeting between representatives of foreign affairs, members of parliaments



Meetings of the scientific community



Meetings for winners of student competition



Regional training for mass media



Press conferences

400 participants

For the first time a delegation of the Intergovernmental Panel on Climate Change (IPCC) visited Central Asia in 2019 and CAREC received observer status in 2020.



Tashkent 2019



Climate services and information



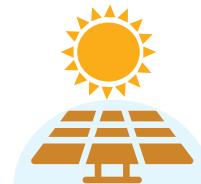
Climate financing



Climate change impact in Central Asia

Paris 2015

Global climate policy and national commitments



Exhibition of climate technologies

400 participants

Pre-conference sessions:



Micro-loans for adaptation



Education and climate



Youth and climate



Online format 2020



Climate impacts and policy making process in times of COVID-19



Financing climate change actions



Science and research perspectives



Climate-related information and knowledge

Virtual meetings in light of the COVID-19 restrictions

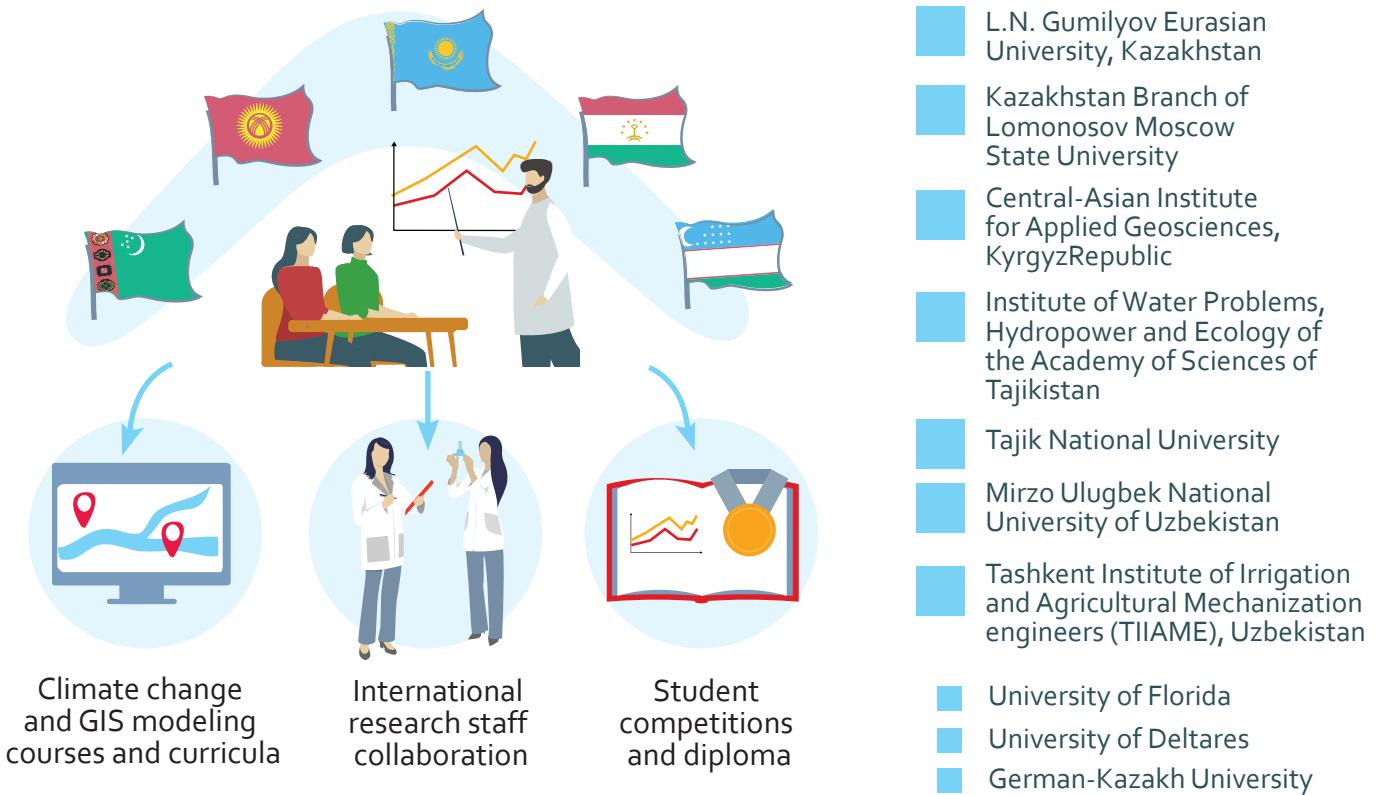


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Regional networks established and promoted by the programme

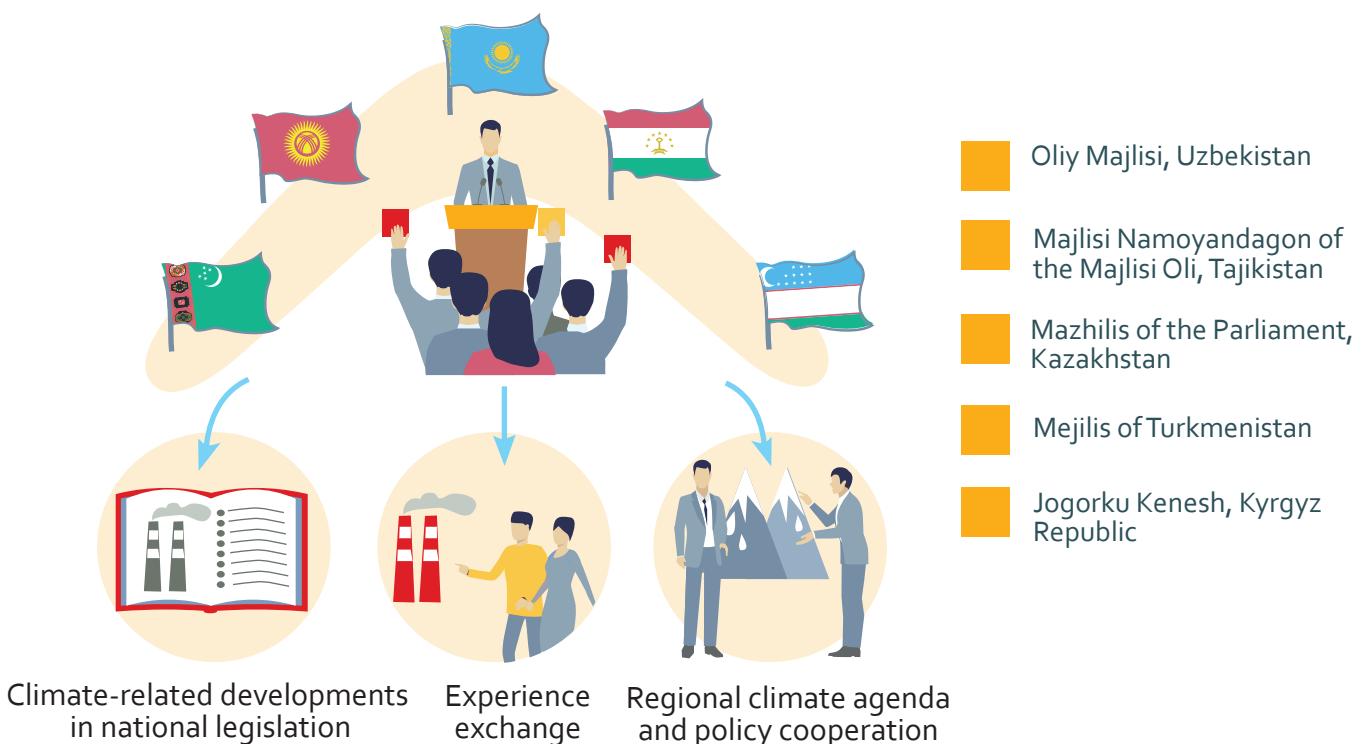
Academia



Youth and civil society organizations and networks



Policymakers, diplomats and parliamentarians

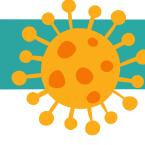


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Timeline and milestones

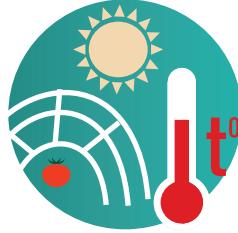
2020



Regional position and visibility of Central Asia at UNFCCC CoP-26



Mobilization of additional resources



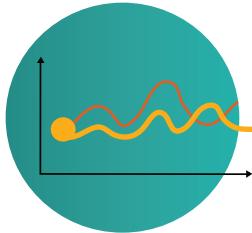
Finalization of national climate investment programmes



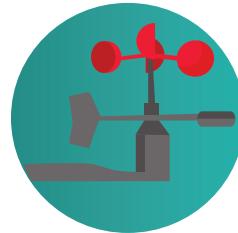
Finalization of the regional climate information portal (CACIP)



Regional climate assessments and methodology



Knowledge products



Climate monitoring equipment procurement (57 stations)

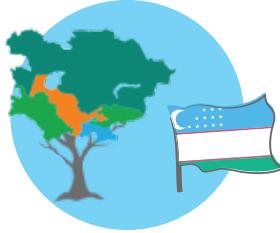


Extensive training programme on modeling, forecasts, academic curricula

2019



30 thematic training events and study tours



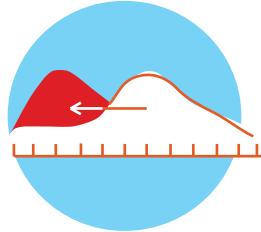
Tashkent regional climate change conference



Joint side event with IPCC and ICIMOD at UNFCCC CoP-25



3 regional networks of NGOs, academia and parliamentarians established



MODSNOW, SWIM and other models introduced to forecasting and hydrology practices



Methodology for assessment of local climate investments

2018

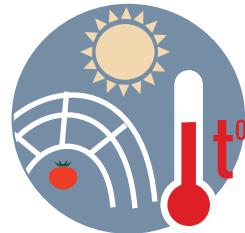
2017



Initial regional studies and tenders



Almaty regional climate change conference



Start of the national project components (climate investments) in Tajikistan and Uzbekistan

2014

2015

2016



Central Asia climate knowledge forum



Project formulation and consultations



Project approval and start of implementation

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Central Asia climate information platform - CACIP



Designed by ICARDA, integrating global databases and local field knowledge



Tailored to user needs and expectations



Automated data harvesting and manual upload functions



Multilingual, modular, expandable, adjustable

Menu and contents

www.centralasiacclimateportal.org



**Central Asia
CLIMATE PORTAL**






Climate information



News and events



Maps and data



Publications, knowledge hub



E-learning, training, best practices



Models, projections, long-term forecasts

Climate portal is still under development and will be fully functional in 2021

Potential areas of application



Farming, land and water use decisions



Science and research projects, student activities



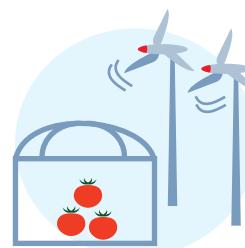
Regional experience exchange, access to global platforms



Online library of meeting materials, reports, videos, maps and visuals



Regional climate trends and action tracking and policymaking



Climate investments opportunities

Other important sources of climate information



National Hydrometeorological Services



World Meteorological Organization and its global climate centers



Climate science



Climate policy & reporting

→ kazhydromet.kz → meteo.gov.tm

→ seakc.meteoinfo.ru

→ www.ipcc.ch

→ unfccc.int

→ meteo.tj → meteo.uz → meteo.kg

→ www.wmo.int