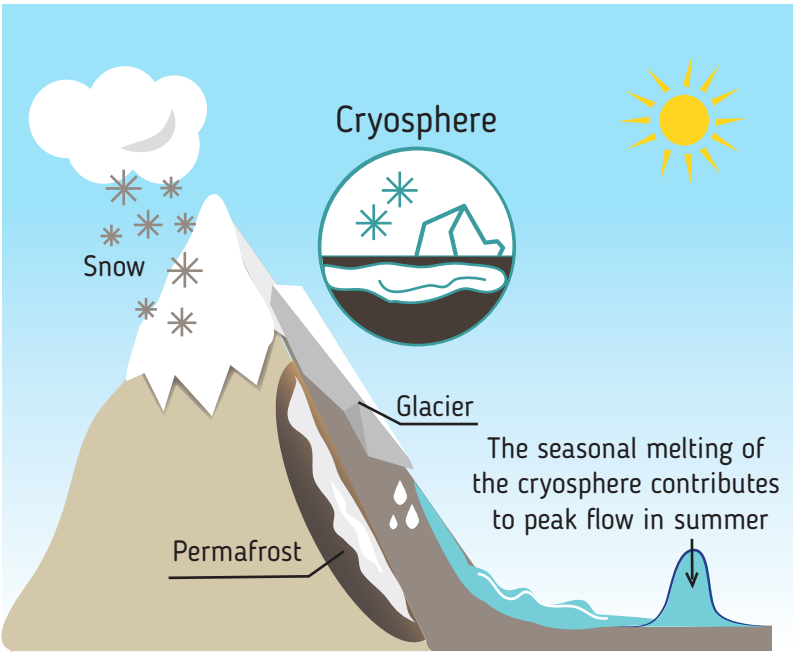
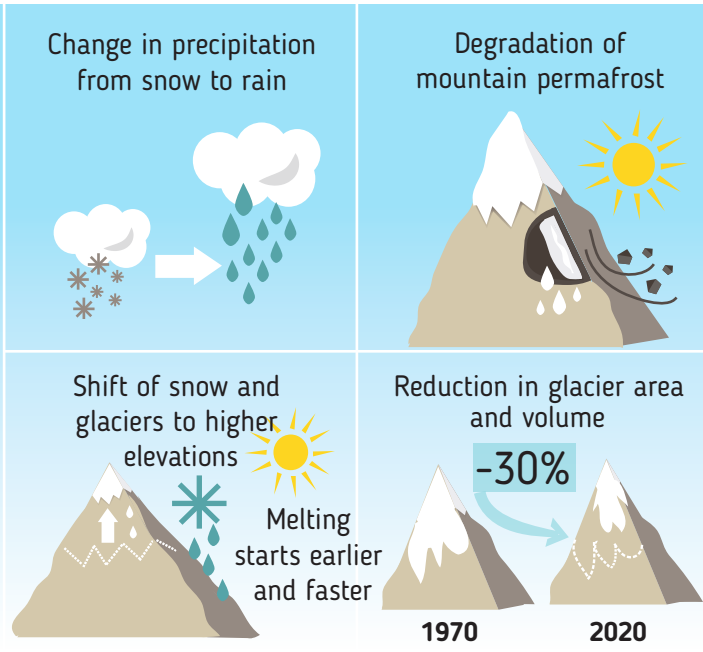


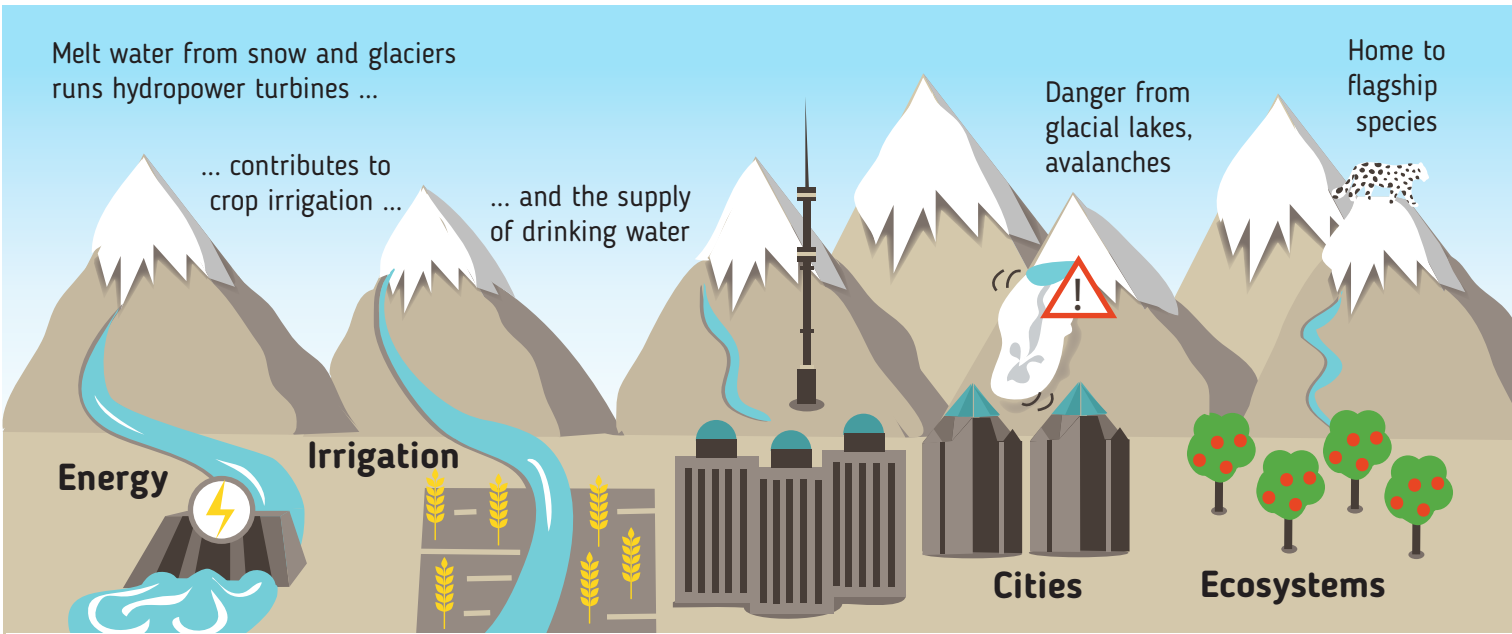
# What is the cryosphere?



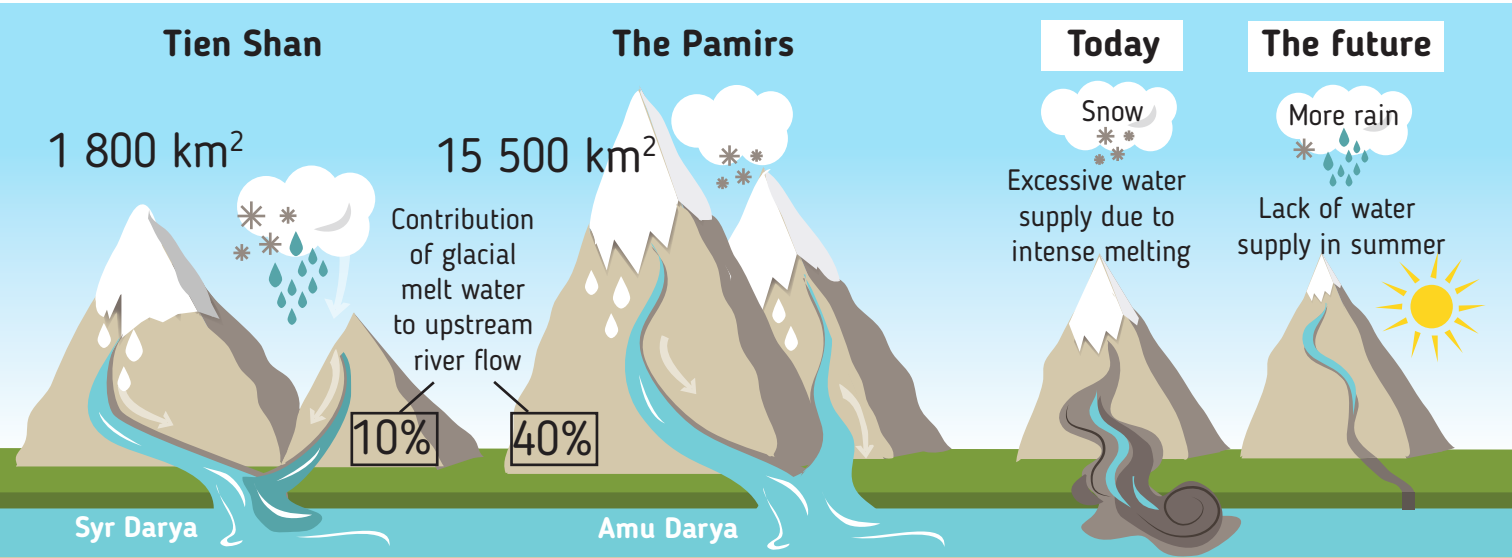
# Changes in the cryosphere



# The cryosphere in Central Asia



# Water and the cryosphere



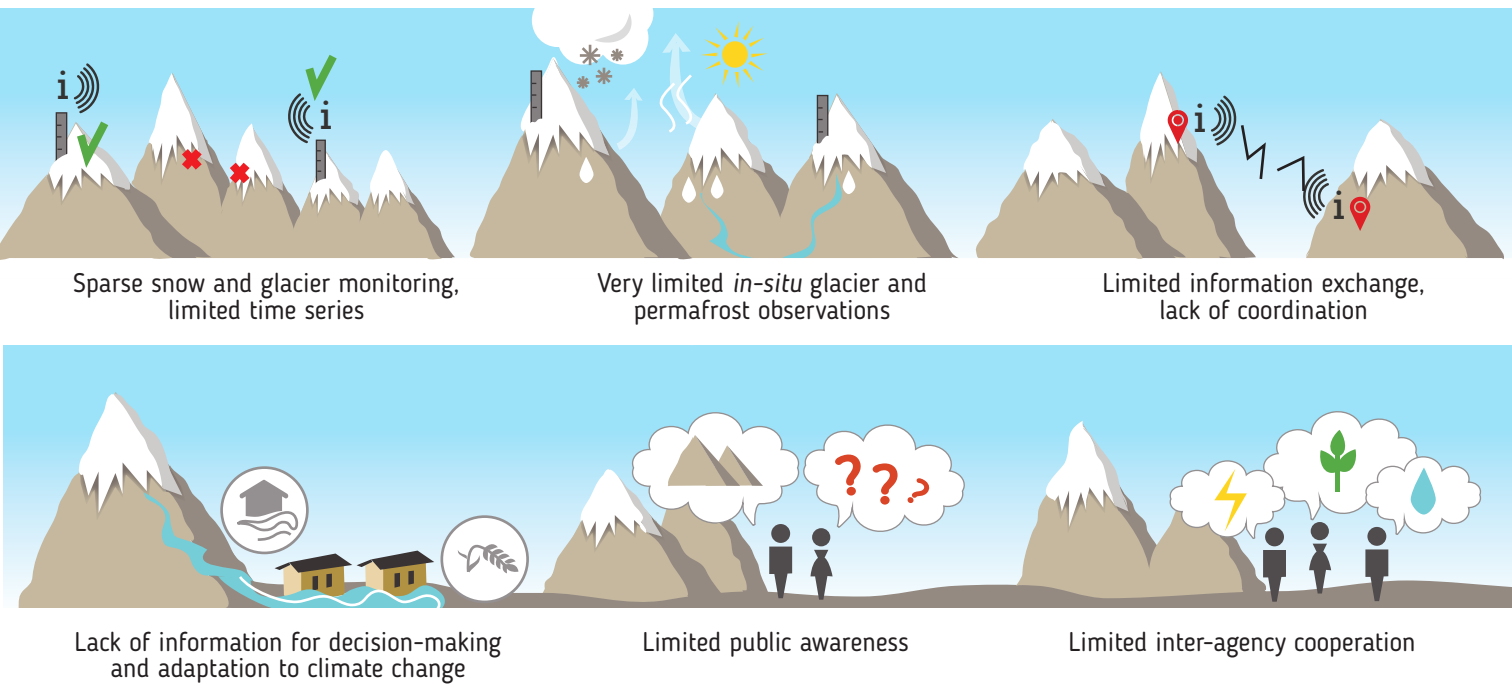
Project partners and funders



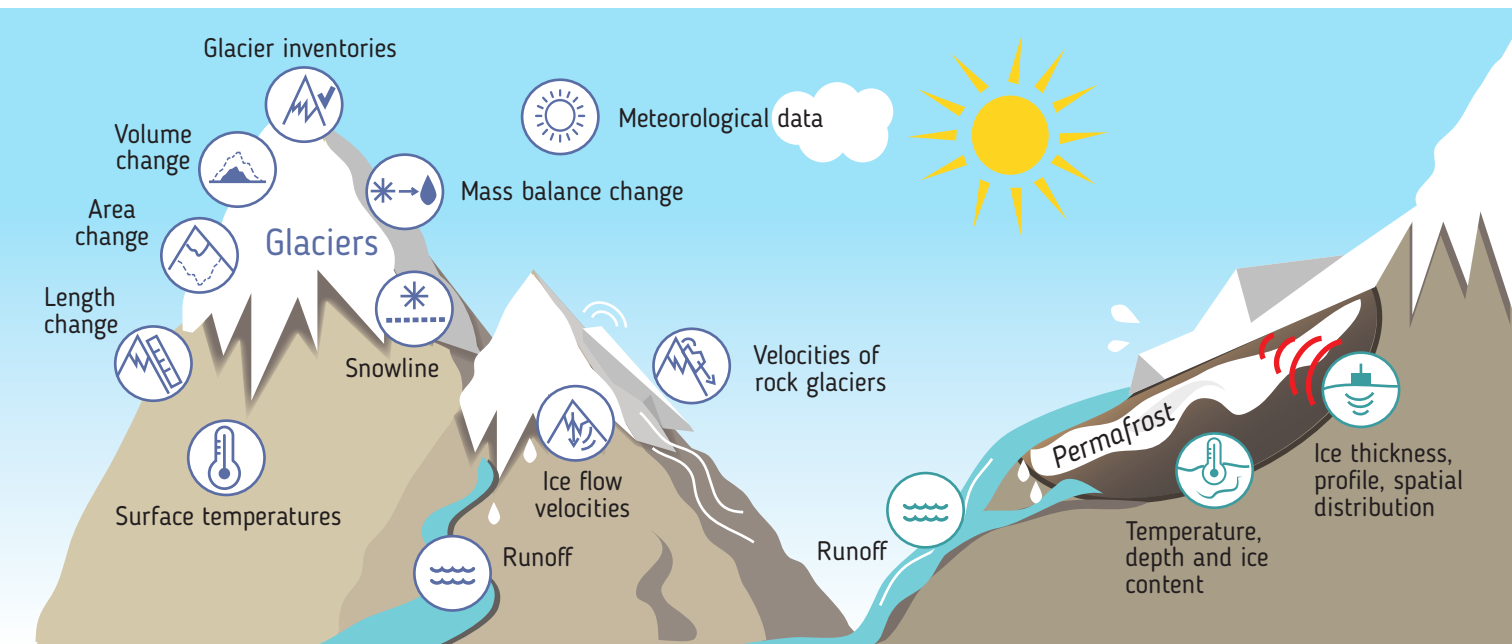
Participating countries



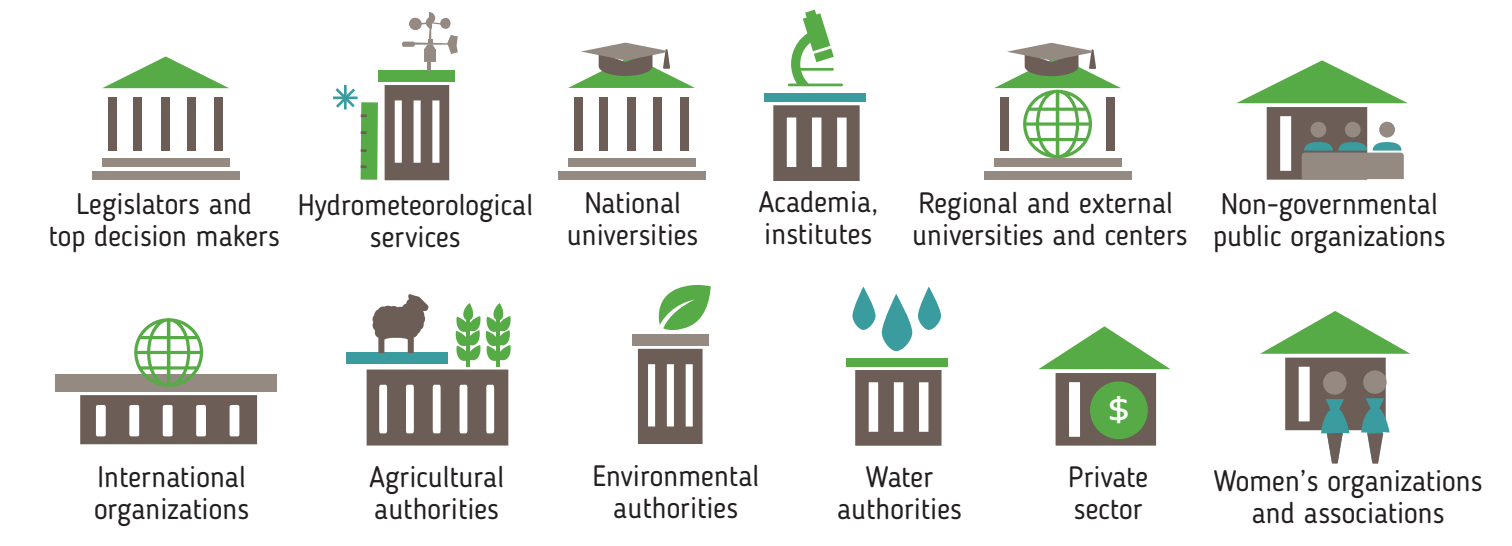
# Gaps in knowledge and monitoring of the cryosphere



## Key elements of cryospheric monitoring



## Beneficiaries



### Project partners and funders



### Participating countries



# The project in a nutshell

EXPECTED RESULTS



Duration  
2022-2026  
(planned)



Budget:  
GEF budget  
\$6 million,  
co-financing  
\$13 million



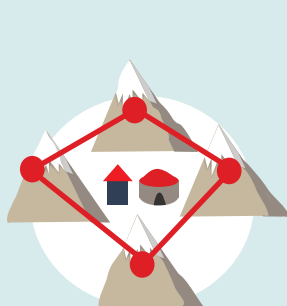
5 countries



25 project  
partners



Better knowledge  
of the climate's  
trends and impact  
on the cryosphere



Improved science and  
policy links and cooperation



Regular glacier  
monitoring and  
regional exchange



Adaptation to climate change  
in glacier-dependent areas



Public and political  
interest in glaciers

## Project activities and outcomes

### 1. Knowledge and information database



Diagnostic analysis (DA):  
changes in the cryosphere



National databases  
on the cryosphere



Glacier vulnerability  
and hazards



Climate, glacial  
and water scenarios

### 2. National and regional cooperation and centres



National action  
plans (NAPs)



Regional Strategic  
action program (SAP)



Inter-agency  
cooperation



National and regional  
centers and forums

### 3. Capacity for cryospheric monitoring



The regional glacier  
monitoring protocol



Regional knowledge  
exchange and training

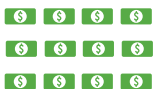


National cryospheric  
monitoring programs



Assessment and forecasting  
of the climate's impact  
on the cryosphere

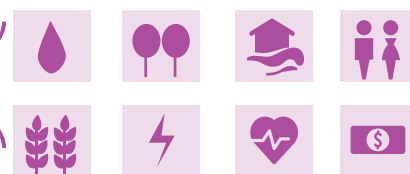
### 4. Training and demonstrating adaptation to climate change



Trainings



Projects in  
5 countries



### 5. Public awareness and engagement



Virtual reality  
tours of glaciers



The project website,  
linked to IW:LEARN



Events and  
conferences



Stakeholder  
engagement

## Project partners and funders



United Nations  
Development Programme



Global Environment  
Facility



## Participating countries



Kazakhstan



Kyrgyzstan



Tajikistan



Turkmenistan

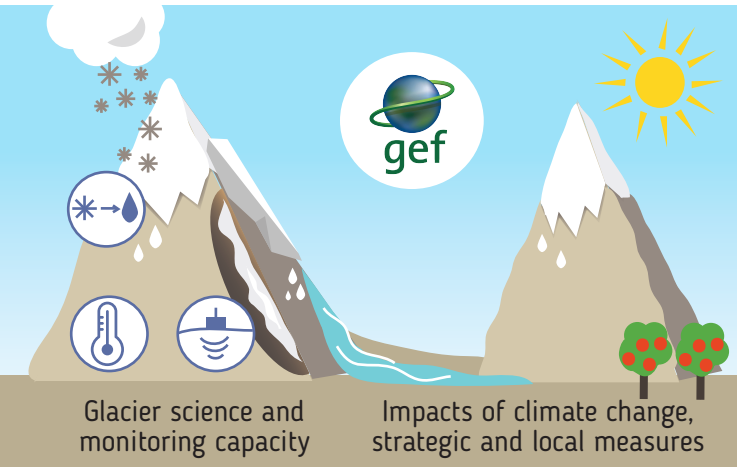


Uzbekistan

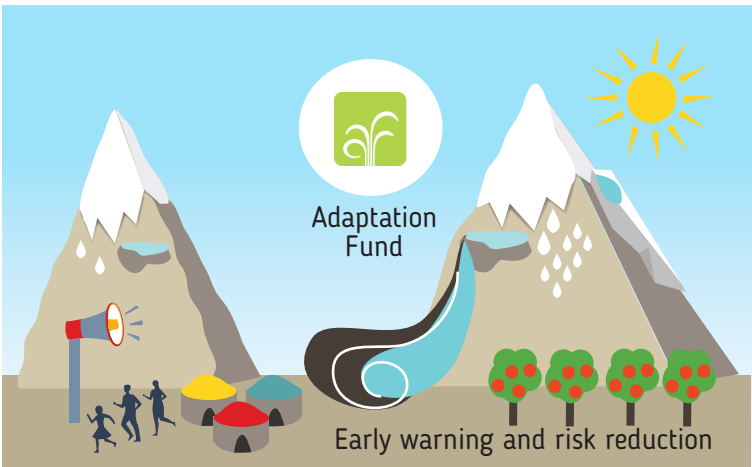
# Two glacier projects, many synergies



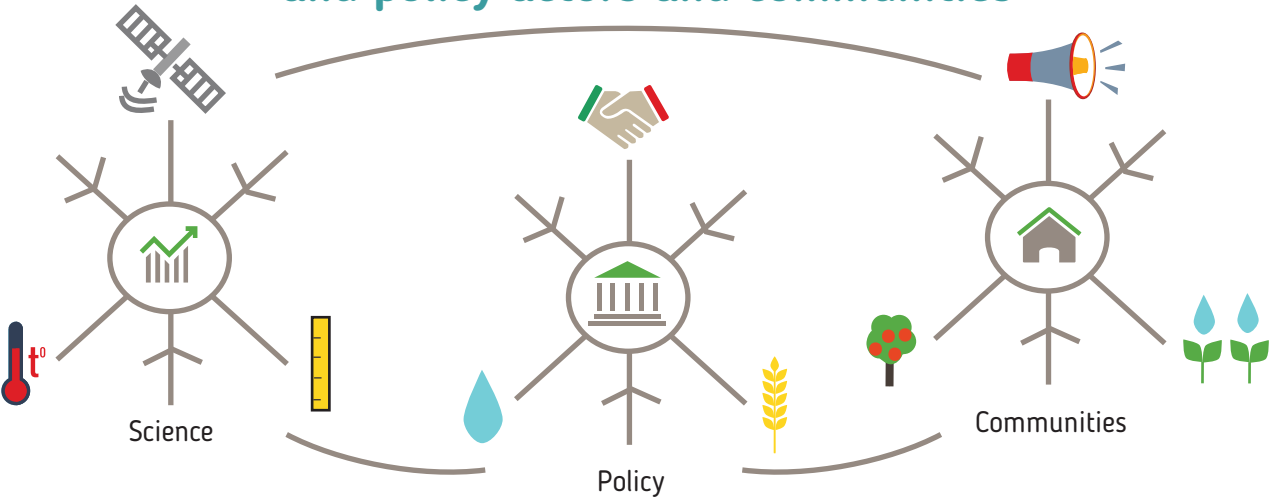
## Cryosphere



## Glacial Lake Outburst Floods



## Cooperation and engagement of different science and policy actors and communities



## Consideration of the cryosphere and glacial hazards in policy, international investment and global science



### Project partners and funders



### Participating countries

