



Innovation in Water saving technology in Central Asia

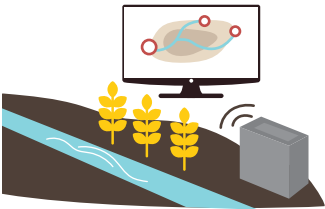
From the very local to the regional level in Central Asia innovative water saving technologies are introduced on-site and promoted, upscaled and implemented throughout the region.

What are the innovations?



Introduction, multiplication of **drought and salt resistant crops** in drylands: sorghum, pearl millet, Sudan grass, safflower, mogar, sainfoin, triticale

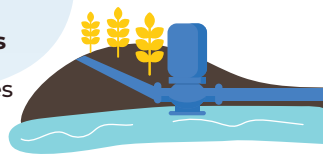
Salt washing: Leaching soils to reclaim agricultural land



Irrigation monitoring system in Kyrgyzstan: Using digital technologies for rational and fair distribution of water among users



Hydro-taran pumps as simple low-tech and low-cost devices for irrigation



Artificial glaciers 'ice towers' for preserving water in winter for summer irrigation

Restoration of Wells and Sardobas (water reservoirs) in drylands combining afforestation with traditional infrastructure development



Installing **greenhouses** for resilience of vulnerable households

Upscaling and regional tools



Capacity Building, study tours; Farmer field schools and soil doctors



Mapping: Decision-support systems for Drought; Crop-water technical maps



AquaCropWater Productivity Model