



# PF CAMP Alatoo

## Sustainable Natural Resources Management

17.06.2020

# Fields of activities

Sustainable Pasture Management

Sustainable Forest management

Adaptation to Climate Change

Conflict Management over Natural Resources

Energy Efficiency Technologies

Biodiversity Conservation

Environmental Education



# The UNCCD initiatives

The joint project with the secretariat of the UNCCD, Korea Forest Service and CAMP Alatau:

“Afforestation of dry lands through providing support to the rural and forestry nurseries”

The objective: to prevent land degradation for by introducing the best practices for the establishment of nurseries.



# Challenges

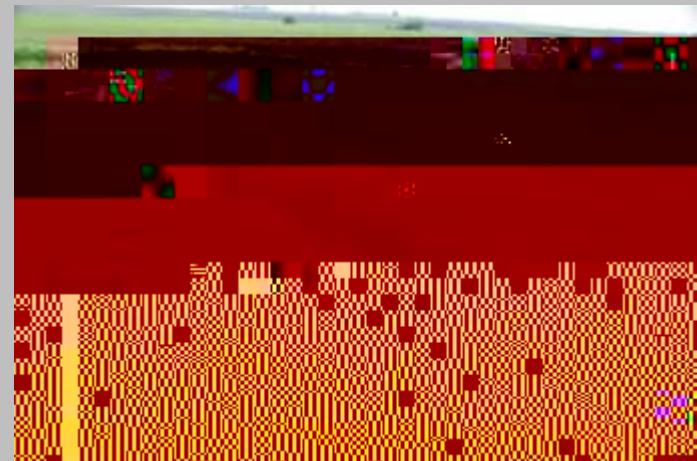
Low level of awareness, information and knowledge on all levels

Weak institutional capacity

National policy not effective in implementation of CCD in KG

Non-compliance practices with grazing and tillage technologies: overgrazing, non-observance of irrigation agrotechnics and land cultivation, destroyed infrastructure

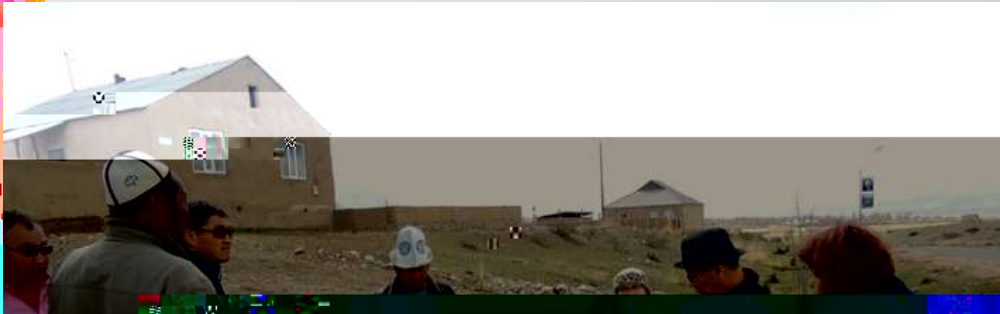
Climate change impact





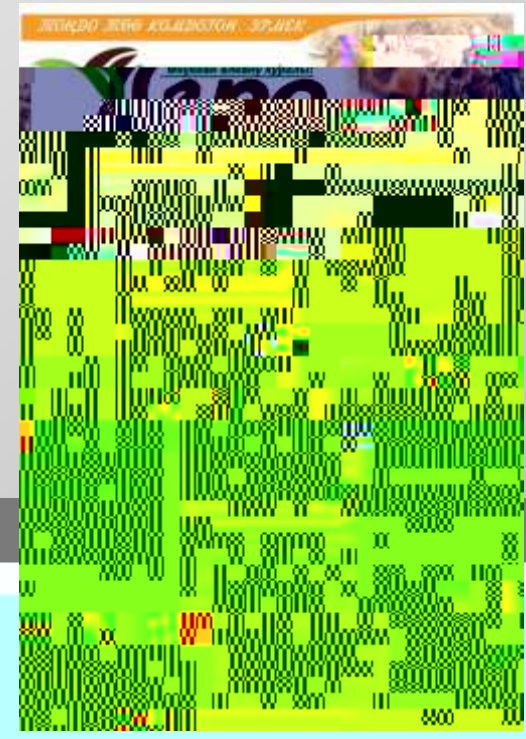
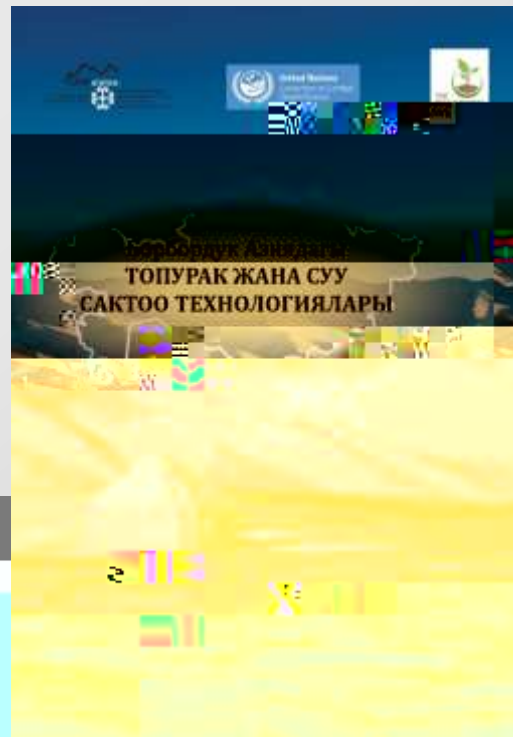
# Results of phase 2017-2018

Soil water conservation technologies are implemented in the pilot villages



# Results of phase 2017-2018

- Republication of Soil and Water Conservation technologies
- Creation of website: [unccd.agroprod.kg](http://unccd.agroprod.kg)
- Support of newspaper «Agrovesti»



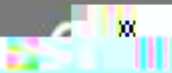




# The UNCCD related initiatives

Collaboration of FAO-GEF and CAMP Alatau for  
“Integrated Natural Resource Management (INRM) in  
drought –prone and salt-affected agricultural production  
landscapes in Central Asia and Turkey” project

Objective: to improve capacity and the decision making  
of project countries to mainstream and upscale  
approaches and technologies for INRM and to combat  
environment degradation in drought prone and salt  
affected agricultural production landscapes in CA



# Expected results

2.1 Resilience integrated across NRM sectors and productions landscapes

2.2. Incentives for climate smart agriculture in place at

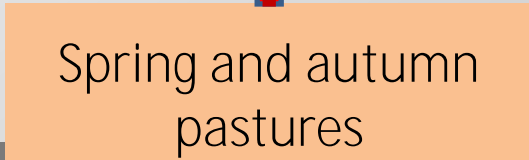
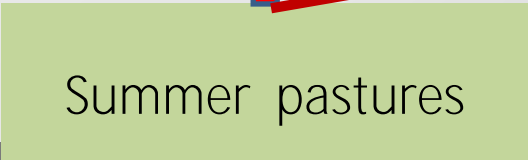
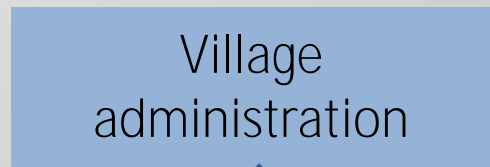


# Positive Sustainability



# Challenges of livestock breeding in Kyrgyzstan





# Main functions of pasture committees



Monitoring of pasture conditions

Development of pasture use and management plans according carrying capacity of pastures

Determination and collection of pasture user fees

Pasture infrastructure improvement

Regulation of livestock number



# Main functions of pasture committees



- Monitoring of pasture conditions
  - Pasture condition assessment methodology
  - Monitoring of pasture condition on 150 plots
  - Carbon analysis of pasture soil
  - Mobile application for monitoring



# Main functions of pasture committees

## Development of Community Pasture Management Plan

- Development of a guideline on elaboration of CPMP, WB 2012
- Development of a guideline on elaboration of CPMP, IFAD 2014
- Development of a guideline on elaboration of CPMP for Tadjikistan, IFAD 2014
- Development of a guideline on elaboration of Integrated





# Main functions of pasture committees



- Regulation of livestock number



# Distribution of cattle in Jergetal aiyl okrug

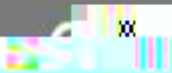


# Possible quota system, case of Jergetal

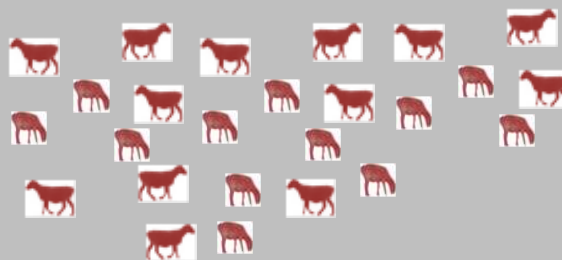
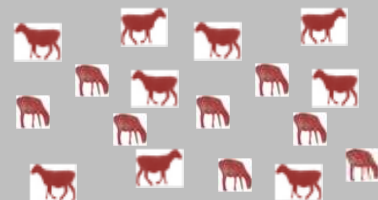
Carrying capacity of pastures –

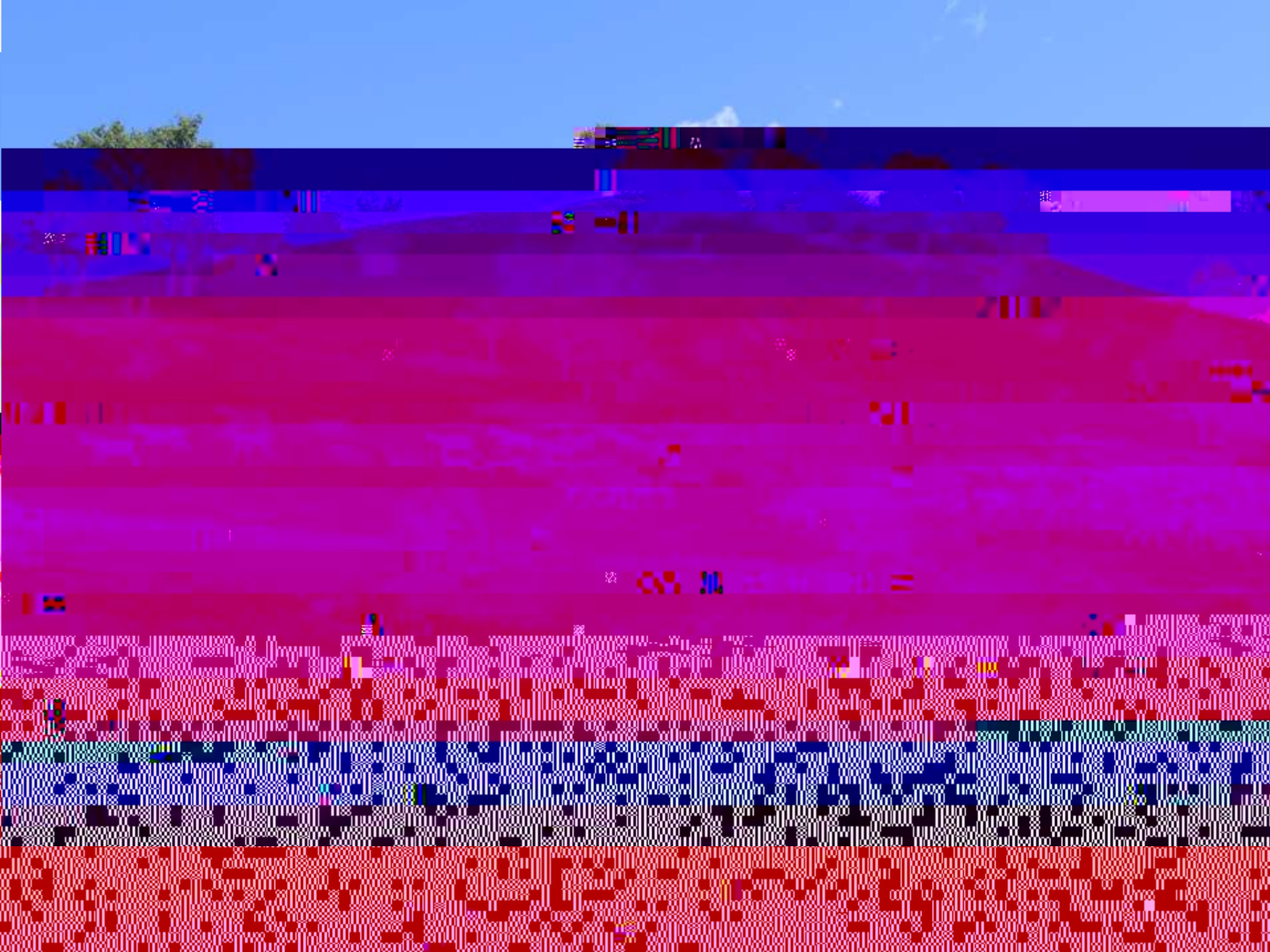
Households number –

Quota for 1 household is  $7,400/1,164 = 7$  LU



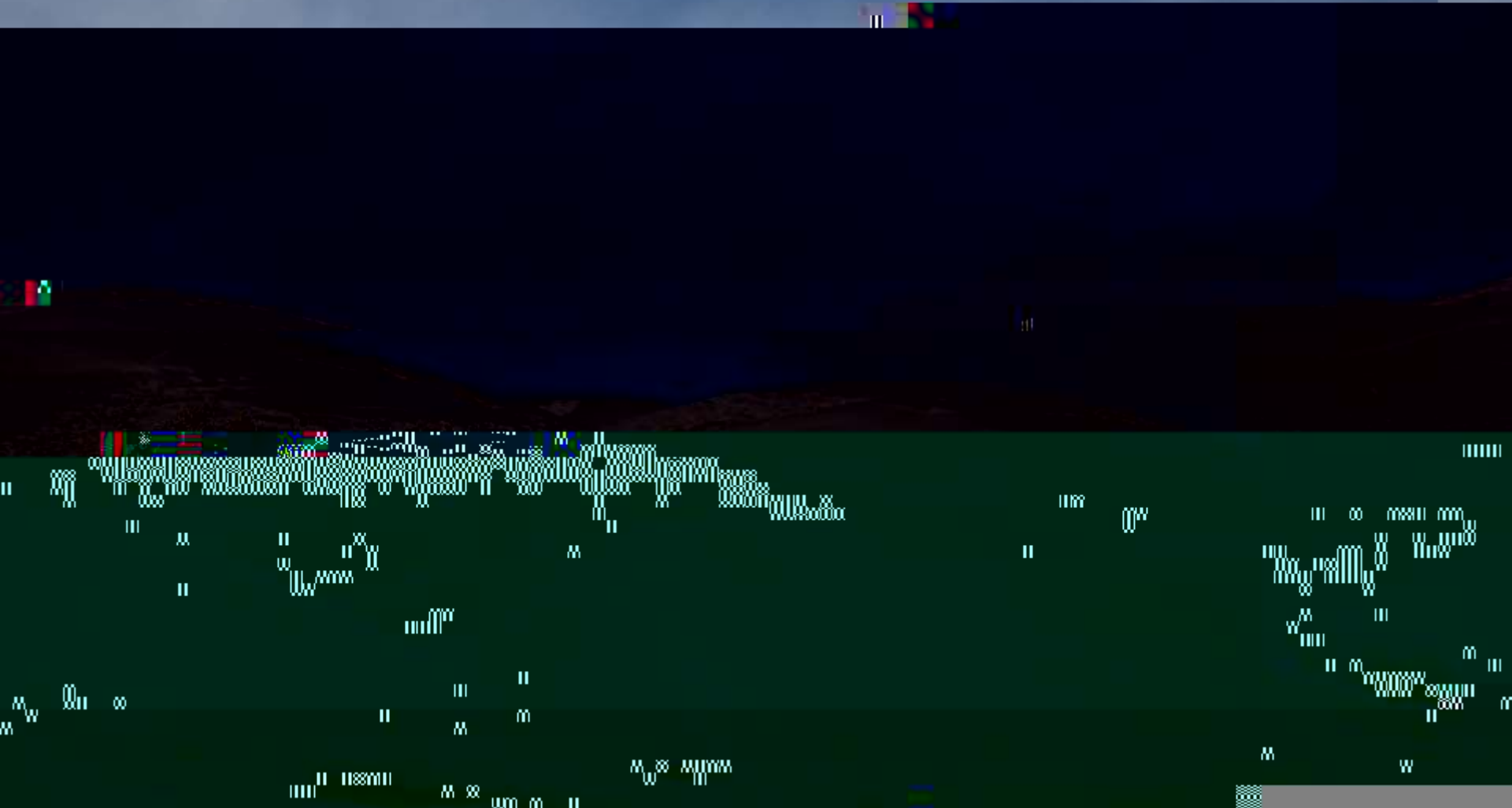
# Distribution of cattle in Jergetal aiyl okrug







Regulation of livestock number: introduction of **cattle tax, quotas ...**





Thank you for your attention!