



Pilot Program for Climate Resilience

THE KYRGYZ REPUBLIC – CLIMATE INVESTMENT PROGRAMME (CIP)

GOVERNMENT OF THE KYRGYZ REPUBLIC
13 DECEMBER, 2017
WASHINGTON, DC

Presentation outline

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6. Next steps

Background: Climate vulnerability

- The Kyrgyz Republic is a landlocked lower-middle income country located in Central Asia.
- The Kyrgyz Republic is highly vulnerable to climate risks due to the high frequency of climate-related disasters, its dependency on climate-sensitive economic sectors and its ageing infrastructure.
- The key challenge in tackling climate change are ensuring food security, managing disasters risk, protecting infrastructure, maintaining health and energy security, and **implementation of adaptation interventions is an urgent need.**



Photo source: Kyrgyzhydromet

Rationale for PPCR support

- **The main goal of the Climate Investment Programme (CIP) of the Kyrgyz Republic** is to set out an *operational framework* for accessing and managing climate and development finance for climate resilience investments.
- The CIP is a comprehensive, **living** investment plan which **can be updated regularly** to reflect **national priorities** and **the interests of various stakeholders**.
- Further changes in the CIP, including how to achieve a transformative impact through the proposed climate resilience investments, will be developed under **the guidance of the Climate Finance Centre (CFC) of the Kyrgyz Republic**.

Rationale for PPCR support

- CIP/SPCR catalyzes implementation of the existing National Policy Framework on Climate Change of the Kyrgyz Republic.

National Strategy for Sustainable Development 2013–2017

- Water resources
- Agriculture
- Energy
- Emergency Situations
- Health Care
- Forestry and Biodiversity

Priority Directions on Adaptation to Climate Change till 2017” (2013)

- Water resources
- Agriculture
- Energy
- Emergency Situations
- Health Care
- Forestry and Biodiversity
- Information sharing, education and scientific capacity

Sectoral Programmes on Adaptation to Climate Change

- Ministry of Agriculture and Land Reclamation (crop farming, livestock breeding and pastures, water resources)
- Ministry of Emergency Situations (emergency situations)
- Ministry of Health (health care)
- State Agency of Environment Protection and Forestry (forest and biodiversity)

Climate Profile of the Kyrgyz Republic (2013)

- Climate analysis
- Major impact of the climate change on key economic sectors
- Gender analysis

CIP preparation and consultation process

- An extensive stakeholder participation process carried out over the last two years (Oct 2015 – Oct 2017) led to the development of the Kyrgyz Republic CIP

Participatory Consultation Process

- Four Joint PPCR Missions to the Kyrgyz Republic
- PPCR Consultation Website: WWW.CLIMATEFINANCE.KG

Implementing MDBs

- EBRD as lead MDB
- World Bank
- ADB

Consultations

- National level consultations with **line ministries and agencies**
- Regional level consultations with **sub-national authorities**
- Involvement of local and international **NGOs, research institutes** and **private sector**
- Consultations with **development partners** active in the Kyrgyz Republic

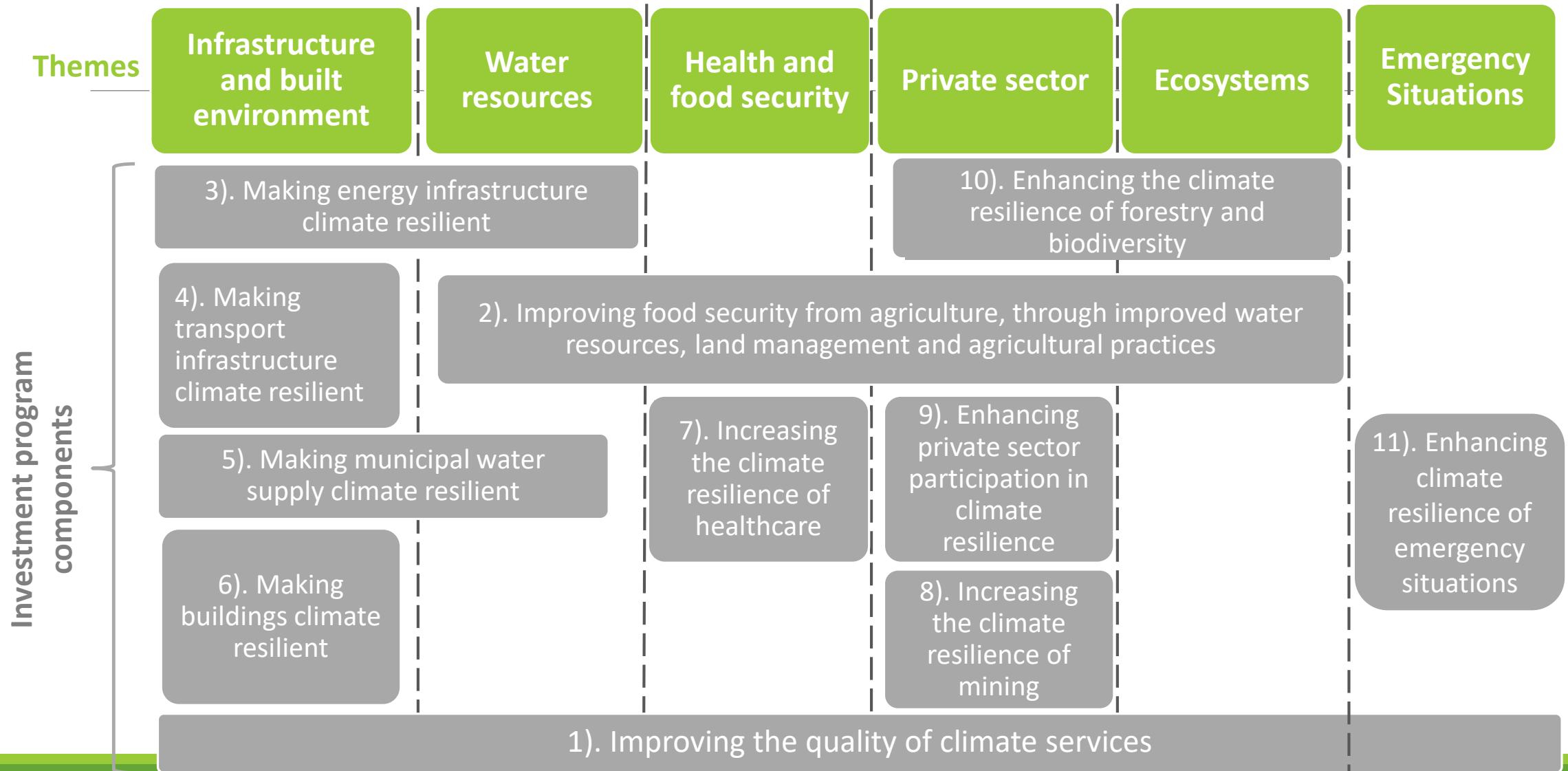
- Nationally-led process for setting up the **Kyrgyz Climate Finance Coordination Mechanism** (climate resilience strategic planning, delivery and monitoring)
- Nationally-led process for the identification of **climate resilience investment priorities**



Climate Finance Coordination Mechanism and the role of the CFC

- The **CFCM** is a **system of stakeholders** that support the development and implementation of climate projects in line with National sustainable development priorities.
- The Coordination Commission on Climate Change Problems (CCCCP) is the main inter-governmental **coordination platform** for climate change issues.
- The Climate Finance Center (CFC) established by Gov. KR on 14 August 2017 is the **lead institution in charge of climate finance-related matters**.
- The main role of the CFC:
 - Assist the Government in attracting financial resources from climate funds and international organizations, and
 - Support the Government design and implementation of climate resilience investment projects and programmes.

Proposed climate resilience themes and investment components in the Kyrgyz Republic



Climate resilience priority investment projects selection process

- In parallel with internal consultations with ministries and departments, the Government of the Kyrgyz Republic consulted with development partners and MDBs on their investment priorities for the next 3-5 years. As a result of these consultations, an **initial list of proposed climate resilience priority investment projects** was prepared, presented in Section 3 of the CIP of the Kyrgyz Republic.
- It is important to emphasize that the **proposed climate resilience priority investment projects** will be the main focus of the CFC's activities at the initial stage of its operation in coordination with national stakeholders and the development partners community, and will reflect the changing priorities of the Government of the Kyrgyz Republic.

Climate resilience priority investment projects (1)

- The **pipeline of proposed priority climate resilience investment projects** consists of 10 projects with links to CIP themes and investment programme components and with **estimated project value of US\$473 mln.**

#	Proposed Investment Project	Responsible International Agency	Responsible Government Agency	Project Implementation period	Estimated Total Project value, mln USD
1.	Building climate resilience irrigation infrastructure in the Kyrgyz Republic.	EBRD	Ministry of Agriculture Food Industry and Land Reclamation	4-6 years	\$250M
2.	Facility for the climate resilient development of the Kyrgyz Republic's small hydropower potential.	EBRD	State Committee on Industry, Energy and Mining	3 years	\$30M
3.	Second phase of the Central Asia Hydrometeorology Modernization Project (CAHMP).	WB	Ministry of Emergency Situations	2019-2023	\$20M
4.	Empowering food insecure and vulnerable communities through climate services and diversification of climate sensitive livelihoods in the Kyrgyz Republic.	WFP	State Agency for Environment Protection and Forestry	2018 – 2022	\$10M
5.	Climate change-specific sustainable mountain and forest resources management.	FAO	State Agency for Environment Protection and Forestry	2018 – 2022	\$10M

Climate resilience priority investment projects (2)

#	Proposed Investment Project	Responsible International Agency	Responsible Government Agency	Project Implementation period	Estimated Total Project value, mIn USD
6.	Building mudflow resilience in communities in the south of Kyrgyzstan.	UNDP	State Agency for Environment Protection and Forestry	2018 – 2023	\$23M
7.	Inter-farm system rehabilitation and agricultural performance improvement.	WB	Ministry of Agriculture Food Industry and Land Reclamation	5 years	\$25 - 30M
8.	Climate resilience and disaster risk reduction in water management.	ADB	Ministry of Agriculture Food Industry and Land Reclamation	2018 – 2023	\$35M
9.	Transition to climatically optimized land-use practices: mitigation through adaptive and sustainable forest and pasture management with community leadership.	FAO	State Agency for Environment Protection and Forestry	2018 – 2025	\$40M
10.	Addressing sectoral (climatic) risks through ecosystem based approach for to climate change adaptation in the Kyrgyz Republic.	GIZ	State Agency for Environment Protection and Forestry	2019 – 2024	\$30M

Next steps

- Establishment of the Climate Finance Center: staffing, operation and training programme
- Detailed design of M&E frameworks for climate resilience investment projects
- Detailed design of proposed climate resilience investment projects

Investment Project 1: Climate resilience and disaster risk reduction in water management

Estimated Project value: US\$35 million.

Project preparation funding: USD 1 million.

Gvt Implementing Agency: MAFILR

Responsible Dev. Partner Agency: ADB

Project outcomes:

- (i) water infrastructure and irrigated lands protected from climate change-related flood and landslide risks;
- (ii) upgraded irrigation and land use practices to increase productivity and resilience to climate change-related extreme weather events;
- (iii) settlements and infrastructure protected against the consequences of climate change-related floods and landslides;
- (iv) modernized monitoring of disaster risks and water resources, remote sensing, analysis and information systems.



Photo source: AKIPress

Investment Project 2: Building climate resilience irrigation infrastructure in the Kyrgyz Republic

Estimated Project value: US\$250 million.

Project preparation funding: US\$400,000.

Gvt Implementing Agency: MAFILR

Responsible Dev. Partner Agency: EBRD

Project activities include:

- (i) Technical assistance for building capacities of national and local stakeholders to implement the national strategy on irrigation sector reform;
- (ii) Construction and rehabilitation of irrigation and drainage infrastructure to increase resilience to projected climate change risks;
- (iii) Technical assistance for climate resilient project preparation and implementation;
- (iv) Communication and awareness raising technical assistance.



Photo source: EBRD

Investment Project 3: Building mudflow resilience in communities in the south of Kyrgyzstan

Estimated Project value: US\$28 million.

Gvt Implementing agencies - MES, MAFILR, SAEPF

Responsible Dev. Partner Agency: UNDP

Project Outcomes:

- (i) Strengthened capacity of the Government of Kyrgyzstan for modeling and forecasting of mudflows;
- (ii) Protection against climate change of existing and planned water infrastructure;
- (iii) Improvement of policies, regulations and planning for the water infrastructure ensuring protection against climate change.



Photo source: Kabar

Investment Project 4: Inter-farm system rehabilitation and agricultural performance improvement

Estimated Project Value: US\$25-30 million.

Project preparation funding: US\$300,000.

Gvt Implementing agency: MAFILR

Responsible Dev. Partner Agency: WB

Project components:

- (i) Rehabilitation and modernization of irrigation infrastructure;
- (ii) Addressing institutional issues in water management; and,
- (iii) Capacity building in water management structures to address climate resilience-related issues.



Photo source: Imomo.kg

Investment Project 5: Transition to climatically optimized land-use practices: mitigation through adaptive and sustainable forest and pasture management with community leadership

Estimated Project value: US\$40 million.

Project preparation: US\$200,000.

Implementing agencies: SAEPF, MAFILR,

Responsible Dev. Partner Agency:FAO.

Project components:

- (i) Climate change mitigation and disaster risk reduction through forestry, agroforestry and rehabilitation of pastures;
- (ii) Support of climate resilience through investments in farms to increase productivity, reduce dependence on natural resources (forests and pastures) and promotion of sustainable development with low atmospheric emissions and sustainable farming practices;
- (iii) Improvement of natural resource management at the community level and at local and national government levels; and, (iv) Project management.



Photo source: FAO

Investment Project 6: Climate change-specific sustainable mountain and forest resources management

Estimated Project value: US\$ 5,454,545

Project preparation funding: US\$90,000

Gvt Implementing Agencies: SAEPF, MAFILR

Responsible Dev. Partner Agency: FAO.

Project components:

- (i) Creation of more favourable environment for sustainable management of forest and land resources;
- (ii) Increase of carbon stocks in arid mountain forests;
- (iii) Promotion and demonstration of climate resilient agriculture; and,
- (iv) Knowledge management, monitoring and evaluation.



Photo source: FAO

Investment Project 7: Facility for the climate resilient development of the Kyrgyz Republic's small hydropower potential

Estimated Project value: US\$30 million

Project preparation funding: US\$300,000

Gvt Implementing Agency: SCIEM

Responsible Dev. Partner Agency: EBRD

Private sector investors involvement in project implementation;

Project components:

- (i) Technical assistance component for project identification;
- (ii) Technical assistance for climate resilient project preparation and implementation; and,
- (iii) Small hydropower investment facility.



Photo source: Akchabar.kg

Investment Project 8: Second phase of the Central Asia Hydrometeorology Modernization Project (CAHMP)

Estimated Project value: US\$20 million

Project preparation funding: US\$250,000

Gvt Implementing agencies: MES, KyrgyzHydromet (Coordinator);

Responsible Dev. Partner Agency: WB

Project components: strengthen climate change and disaster resilience in the DRM sector, with a focus on improving climate information services.

- (i) Structural interventions (including civil works to install monitoring equipment) and,
- (ii) Non-structural (including capacity building, planning, and training for forecasting on water resource and disaster risk).



Photo source: Kyrgyzhydromet

Investment Project 9: Empowering food insecure and vulnerable communities through climate services and diversification of climate sensitive livelihoods in the Kyrgyz Republic

Estimated Project value: US\$10 million.

Gvt Implementing Agencies: SAEPF, MAFILR, MES, MLSD

Responsible Dev. Partner Agency: WFP

Project components:

- (i) Climate services to support vulnerable rural communities to plan for and manage climate risks and increased weather variability;
- (ii) Livelihood strengthening and diversification to increase the adaptive capacity of vulnerable groups and build community resilience; and
- (iii) Capacity building and decision-making support to enhance climate action using a multi-sectoral approach.



Photo source: WFP

Investment Project 10: Addressing sectoral (climatic) risks through ecosystem based approach for to climate change adaptation in the Kyrgyz Republic

Estimated Project value: US\$30 million

Project preparation funding: EURO 200,000

Gvt Implementing agency: SAEPF

Responsible Dev Partner Agency: GIZ.

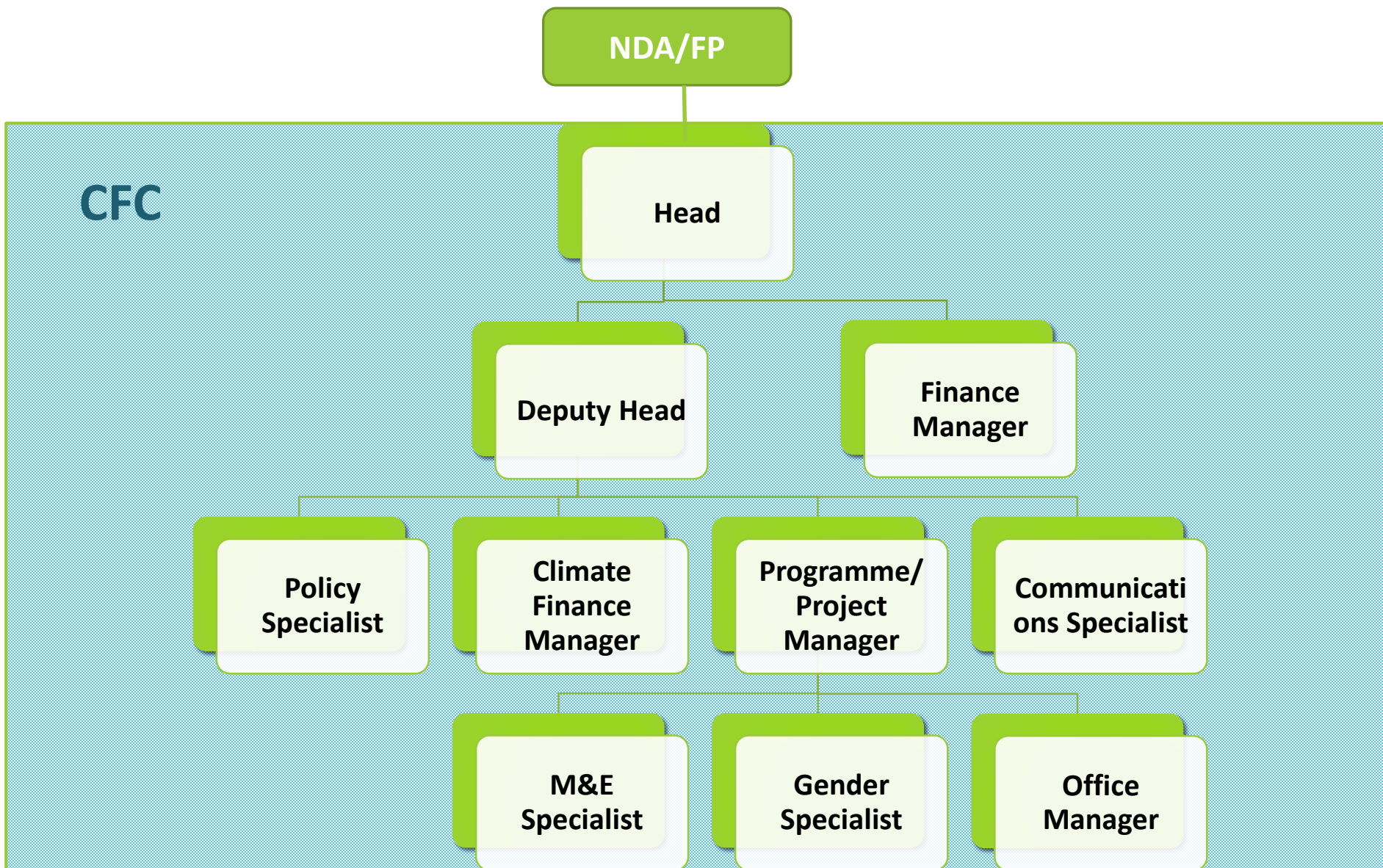
Project components:

- (i) Component 1. Strengthening the adaptation capacity of local and national level in applying the EBA approach.
- (ii) Component 2. Improving the climate awareness and literacy of local communities. Improving the quality of services provided by localized and specific climate information.
- (iii) Component 3. Investments in the multiplication of EBA village planning framework (200 villages).
- (iv) Component 4. Transfer of planning framework to climate risks in other sectors (e.g. transport, private sector development).
- (v) Component 5. Transparency and climate change adaptation impact monitoring.



Photo source: GIZ

BACK-UP SLIDES



**Proposed structure
and reporting lines
of the Climate
Finance Center of
the Kyrgyz Republic**

Training Programme

- The training programme aims to build knowledge and capacity of the CFC and key National Stakeholders on accessing, managing and monitoring climate finance and contribute to an informed dialogue amongst stakeholders at all levels.

Package	Modules
1. Introduction to climate change	Module 1: Climate change
2. Climate change policy and responses	Module 2. Climate change policies Module 3. Adaptation and mitigation strategies
3. International Climate Finance Landscape and access modalities	Module 4. Introduction to international climate finance Module 5. National climate funds Module 6. Introduction to accessing international climate finance Module 7. Introduction to GCF accreditation process and requirements
4. Institutional climate finance framework	Module 8. Stakeholders and institutions Module 9. Private sector engagement
5. Climate change mainstreaming, planning and budgeting	Module 10. Climate change mainstreaming in planning and budget Module 11. Good financial governance Module 12. Measurement, Reporting and Verification (MRV)
6. Project development	Module 13. Project pipeline development Module 14. Project proposal development Module 15. Logical framework Module 16. Gender Module 17. M&E