

Community Based Natural Resource Management

An overview from an NGO's perspective

MADERA and CBNRM!

MADERA

- Founded in 1988 – 29 years of in-country presence
- Mission: Improve the livelihoods of rural communities
- Goals: Empowering communities livelihood/participatory approach
- Lead role community/MADERA Facilitation of resources and tools
- Follows the principle of CBNRM/implementation 1992
- Links agriculture programs with NRM
- Improve the exploitation of Forest, pasture and water resources
- Only present in Afghanistan
- Active in 7 provinces in 2017



COMMUNITY BASED NATURAL RESOURCE MANAGEMENT/CBNRM!

MADERA

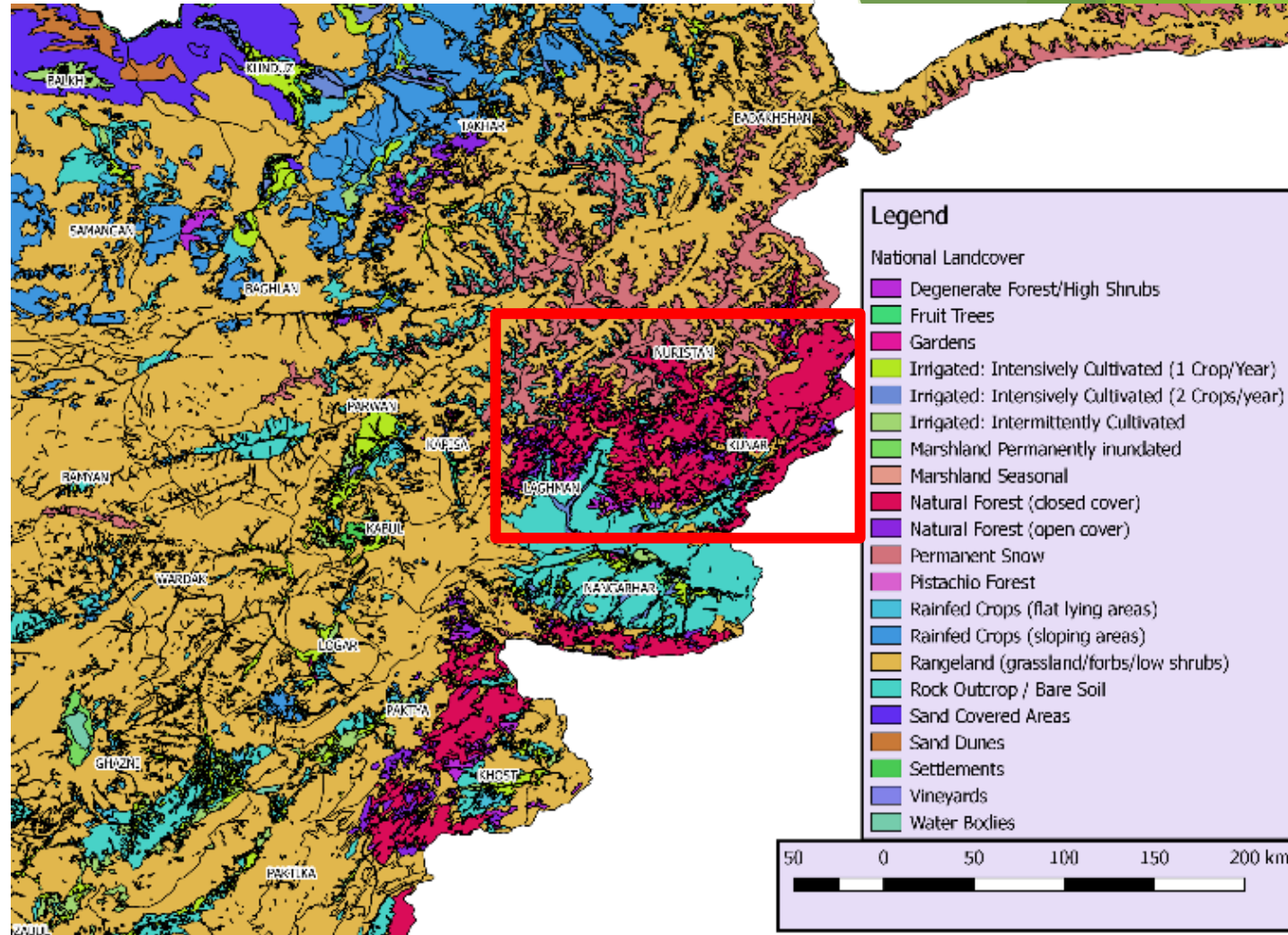
- ▶ **WORLD BANK**
- ▶ People are decision makers on;
 - Use of Natural resources
 - Enforcement of relevant laws and regulations
- ▶ **NATIONAL NATURAL RESOURCE MANAGEMENT STRATEGY (2021)**
 - CBNRM is an approach to conservation and development that recognizes the rights of local people to manage and benefit from the management and use of natural resources



IMPORTANCE!

MADERA

- Heterogeneous landscape, varying widely in altitude, rainfall and ecosystems
- Afghanistan is a global biodiversity “hotspot”
- Fundamental reliance of household income on livelihoods based on ecosystems and natural resources (approx. 80%)
- 2.8% natural forest
- 47% natural pastureland
- Considerable deforestation and pasture degradation over the last century
- The majority of the country’s greenhouse gas (GHG) emissions can be attributed to land use, land use change and forestry sectors (LULUCF)



MAIL strategic Plan 2017-21 & CBNRM

MADERA

■ VISION:

Ecosystems are healthy, resilient and well managed that provide a good environment of habitation, support sustainable and equitable socioeconomic development for quality life

■ MISSION:

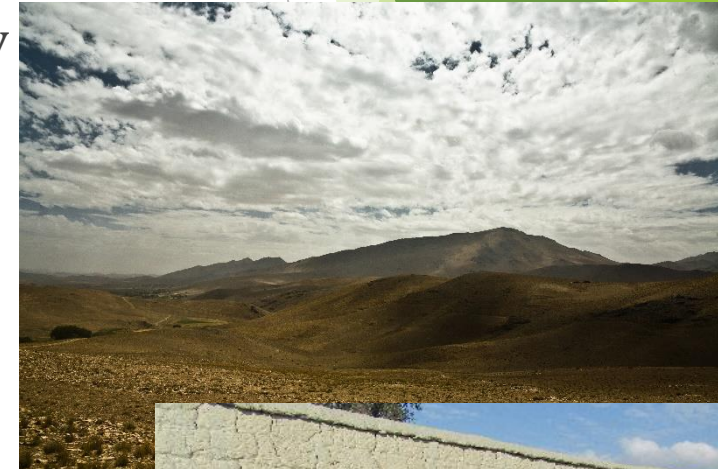
Ensure sustainable socioeconomic development of communities depend on natural resources, create green environment, conserve soil, water, and protect biodiversity

■ VALUES:

- Healthy organization, drive excellent service with transparency
- Committed, ambitious and reliable workforce
- Stand in objectivity, act with integrity and cooperation
- People centric, focused for sustainability and inclusive development

■ GOAL

Community based management of the natural resources through science-based interventions, enabling policies, and partnership, aligned to the global conservation, development and climate smart agendas' for job-creation, food security and etc.,



FOREST AND PASTURE!

MADERA

Natural Resources provide critical ecosystem services and other services to the communities

► Forests:

- Watershed protection
- Fight against soil erosion
- Floods control
- Represents a unique reservoir to biodiversity
- Provision of non-timber food products with potential economic returns

► Rangelands:

- First source of food for grazing animals



CHALLENGES!

MADERA

Forest decreased over 50 percent while pasture degraded severely;

- >30 Years War
- Illegal logging
- Overgrazing
- Climate Change
- Drought



MITIGATION MEASURES!

- ▶ Afghanistan National Development Strategy (ANDS), 2008
- ▶ MAIL NNRM Strategy
- ▶ NEPA Strategy
- ▶ Sustainable Development Goal 15
- ▶ Entities; MAIL, MRRD, MEW, NEPA, AMA, NNGOs and INGOs



MADERA contribution on CBNRM!

- ▶ Climate change mitigation project/CBNRM/GEF: 2017-19
- ▶ Forestry & Fruit development project: 2004-07
- ▶ Restoring Biodiversity/Kunar: 2009-10
- ▶ CHP: 2013-17 CBNRM/Pasture



ACHIEVEMENTS!

- ▶ Reforestation; >50 ha/ Kunar/Laghman/Nuristan
- ▶ Pasture Regeneration/ 500 ha/eastern and central highland provinces
- ▶ Terraced land; >50 Km/ Kunar/Laghman/Nuristan
- ▶ Forest Wardens; >30 / Eastern Provinces
- ▶ Fruit and Non Fruit Nurseries; >24/ Kunar
- ▶ CBNRM Groups/Pasture/ 36/Central Highlands
- ▶ FMC; 30/Nangarhar/Kunar/Parwan
- ▶ Check Dams/Reservoirs/ Water pits/ Protection walls



MAJOR INTERVENTION COMPONENTS!

- ▶ Capacity building/Community +local authorities on CBNRM
- ▶ Institution development/ CBNRM groups/PMCs/FMCs
- ▶ CBNRM extension/villagers/pastoralist/teachers
- ▶ Knowledge management and policy interventions



Interventions Methodology

- ▶ Identification of areas with needs in terms of pasture-forest regeneration
- ▶ Establishing CBNRM groups help to influence the establishment of restorative interventions policies
- ▶ Trainings of extension workers (forest agents-pastures EW), communities members, local authorities on CBNRM issues
- ▶ Awareness campaigns targeting CBNRM groups on forest/pastures management/regeneration/importance of management for a sustainable use, (production of forest products) etc.,
- ▶ Participatory resource mapping of the communities natural resources



Interventions Methodology

- ▶ Work on pasture, forests regeneration with communities and by communities: training, nurseries, plantations, reseedling
- ▶ Construction of anti-erosion infrastructures, protection of riverbanks with tree plantations
- ▶ Provision of alternative livelihoods opportunities to the community to reduce the pressure and sustain the exploitation of natural resources
 - Bee keeping
 - Horticulture production
 - Irrigated fodder production
 - Timber production
 - Wild production



Success Stories

- ▶ FMC &PMC creation and capacitation of them in proper management of resources
- ▶ Women inclusion into the CBNRM groups
- ▶ Capacity building of local authorities

Useful bibliography

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Any questions?

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