

PROGRAMMING FRAMEWORK

Design Summary	Performance Indicators and Targets	Monitoring Mechanisms	Key Assumptions and Risks
Goal			
<p>Reduce land degradation, restore dryland ecosystems and alleviate poverty in the Western Region</p>	<ul style="list-style-type: none"> • Sustainable practices are adopted that are ecologically sound, socially acceptable and economically viable and that address poverty reduction. • Enhanced global benefits, including biodiversity conservation, increased carbon capture and land, water, forest resources management in selected ecoregions. 	<ul style="list-style-type: none"> • Region-wide land restoration surveys. • Region-wide socio-economic surveys. • Region-wide ecological and biodiversity surveys. • CPF Coordination Office reports on multisector cooperation. 	<ul style="list-style-type: none"> • Government commitment is sustained. • Availability of national and international funding. • Government reform continues under State Council leadership. • Institutional coordination is improved. • Participatory approach is effectively adopted.
Purpose			
<p>Establish an effective system of integrated ecosystem management to generate both global benefits from enhanced biodiversity conservation and carbon capture, as well as sustainable use and equitable benefit-sharing to reduce poverty</p> <p><i>GEF Operational Program (OP12) to promote integrated ecosystem management.¹</i></p> <p><i>Three phases to remove barriers to addressing land degradation, coinciding with Government Five Year Plans.</i></p> <p><i>Phase 1 (2003-2005):</i> Consistent framework on restoration of degraded land, institutional coordination, capacity building, provincial strategic frameworks and approaches. Rationalize plans, programs and budgets. Commence demonstration investment projects. Improved donor coordination. Monitoring system. Alleviation of poverty.</p>	<ul style="list-style-type: none"> • Effective policies and legal and institutional framework to address land degradation at the ecosystem level. • Enhanced institutional coordination, harmonization and capability to combat land degradation in six provinces/regions. Improved donor coordination. • Increased vegetative cover and extent, distribution and abundance of biodiversity. • Increased carbon capture. • Improved donor coordination. • Stakeholder participation and adoption of community-based and environmentally sustainable approaches to improved land management practices, including reduced poverty. • Increased and rationalized budget allocations for combatting land degradation using sustainable management. • Improved incentives and market-based instruments to encourage private sector 	<ul style="list-style-type: none"> • Progress reports on strengthening policies, legislation and institutions. • Progress reports by CPF Coordination Office • Evaluation reports • Baseline and annual surveys • Impact monitoring reports • Study reports 	<ul style="list-style-type: none"> • Results of policy/legislative reform have been implemented in time to influence effective implementation of demonstration projects. • Implementation capacity in central, provincial, and local governments. • Baseline funding secured from budget allocations, or through loans, grants and private investments. • Effective supervision and reporting.

¹ OP 13 on Conservation and Sustainable Use of Biodiversity Important to Agriculture will also apply and, upon approval, of an OP on Land Degradation, the program may broaden.

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<p><i>Phase 2 (2006-2010):</i> Harmonized plans/programs under Eleventh Five Year Plan. Continued investment programs and monitoring in all 12 provinces/regions in Western region.</p> <p><i>Phase 3 (2011-2016):</i> Commitments on: increased budgets, institutional cooperation, legislative/ policy framework, implementation of programs in WR; market-based instruments; poverty reduction and stakeholder participation.</p> <p>Component/Output 1: Enabling Conditions to Support Integrated Natural Resource Management</p> <p>A. Policy, legal and regulatory framework</p> <p>➤ Policy studies and actions</p> <ul style="list-style-type: none"> • Case studies on: (i) inclusion of public participation in decision making related to land use management and in conflict resolution; (ii) price distortions in land and water charges; (iii) the implications of domestic grain policy on land degradation. • Study on possibilities of increasing private sector involvement for combatting land degradation and management of protected areas. • Revised NAPCCD framework • Supporting studies to integrate land degradation priorities into the Eleventh Five-year Development Plan for 2006-2010. • Study on land-tenure arrangements and customary rights; gender studies and minorities studies. <p>➤ Legal and regulatory framework</p> <ul style="list-style-type: none"> • An analysis of roles and mandates of all participating agencies at the provincial and local levels. • Enact revised Water Law. • Water permit system, reforms on river basin management and water rights and 	<p>involvement.</p> <ul style="list-style-type: none"> • Established land degradation and resoration indicators and monitoring and evaluation system operational. • Demonstration investment projects implemented in targetted areas: <i>Phase 1:</i> Inner Mongolia, Xinjiang, Qinghai, Gansu, Sha'anxi and Ningxia; <i>Phases 2, 3:</i> Western region-wide. <ul style="list-style-type: none"> • Supporting studies to integrate ecosystem management into Eleventh Five year Plan. 2005. • Study of public participation and natural resources decision making, etc. 2004/5. • National and sector level policies harmonized. 2004/5. • Legislation revised and harmonized. 2004/5. • Integrated natural resources conservation and management law adopted. 2005. • Private sector investment promoted. 2004. • Satisfactory land tenure/customary rights in place 2006. • Gender and minorities studies complete 2005. • National guidelines for implementing water and soil conservation complete in 2003. • Revised Water Law becomes effective in 2003. • Revised NAP-CCD 2004. 	<ul style="list-style-type: none"> • Production of policy papers. • Revised policies, laws and regulations published. • Study reports including recommendations. • Circulation of reports to relevant agencies. • Communication network in place on reform of policies, legislation and regulations concerning integrated natural resources management • Enactment of Water Law. Local Govt responses to new Water Law. 	<ul style="list-style-type: none"> • Political will exists at State and provincial level to overcome 'perverse incentives' & to empower local governments and communities with land-management authority. • Cooperation between sectoral agencies effective at State and provincial levels. • Governmental support and funding is assured. • Inter-agency support is sustained. • Timely approval of relevant laws and regulations. • Enforcement capacity in place at central and local levels. • CPF Coordination Office functions effectively.

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<p>coordination.</p> <ul style="list-style-type: none"> Proposal to harmonise Water and Soil Conservation Law with Desertification Law. Regulations to implement the incentive provisions under the Desertification Law. Roadmap for the preparation of Integrated Natural Resources Conservation and Management Law; national coordination agency. 			
<p>B. Institutional coordination at national and provincial levels</p> <ul style="list-style-type: none"> Establish a CPF coordination office in the Ministry of Finance. Convene Meetings with Vice-Governors of 6 provinces to confirm plans to implement the CPF. Convene PRC-donor coordination meetings. Analysis of roles and mandates of all participating agencies at the provincial level and recommended actions Studies/action on (i) ways to improve horizontal and vertical co-operation between relevant natural resources management agencies from State to county level; (ii) the practicability of harmonising sectoral plans, programs and national/provincial budgets for natural resources agencies in an integrated approach to land degradation. Promote opportunities for private sector investors and NGOs in land degradation control. Develop information 'handouts' and a web-site on investment possibilities in land degradation control. 	<ul style="list-style-type: none"> National ecological and environment development coordination body fully functional. 2004. CCD-NAP expanded to accommodate restoration of productive and protective functions of degraded areas. 2005. Evidence of multi-sectoral and interagency coordination. 2005. Allocation of budgets for implementation of policies, legislation and regulations. 2005. 11th Five-year Development Plan for 2006-2010 harmonizes sectoral plans and budgets for land degradation. 2005. Improved donor coordination; convening of regular meetings 2003. Enhanced private investment in sustainable use of natural resources and involvement of NGOs. 2004. 	<ul style="list-style-type: none"> Reviews of provincial sectoral coordination plans. Reviews of Annual & Five Year Development Plans. Budget & Expenditure reviews. Half-yearly Program Progress Reports. Government / donor reviews. Minutes of donor coordination meetings/actions taken Study reports and recommendations. Report on recommendations for harmonizing budgets. Timely availability of information material / w eb-site; technical handouts, extension materials 	<ul style="list-style-type: none"> Support across institutional boundaries is maintained. Provincial Governors direct programs to address land degradation. Sectoral co-operation improved CPF endorsed and funded. Donor commitment is sustained.
<p>Component/Output 2: Operational Arrangements for Implementation of Integrated Natural Resource Management</p> <p>A. Strategic planning and management</p> <ul style="list-style-type: none"> First of six proposed provincial strategic planning frameworks to address land degradation Develop approaches and methodologies for strategic plans for integrated natural resources management Develop integrated natural 	<ul style="list-style-type: none"> Provincial strategic planning framework (first) 2004. Based on this others finished by 2005. Strategic plans for integrated natural resource management at provincial level implemented. 2005. Provincial agencies capable of 	<ul style="list-style-type: none"> Provincial and county level reports. Revisions of guidelines and implementation orders of central funding programs. Operational case 	<ul style="list-style-type: none"> Governors of provincial/county governments assume leadership for coordinating integrated land and natural

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<p>resources management operational manuals and procedures for six provinces.</p> <ul style="list-style-type: none"> • Train communities and provincial personnel in integrated natural resource management. • Studies of existing arrangements between the State and users of natural resources and relations to ecosystem functions. • Undertake institutional assessments, including capacity/training needs. • Develop capacity building/training programs. 	<p>identifying, formulating and implementing integrated natural resource management programs and projects. 2005</p> <ul style="list-style-type: none"> • Implementation of capacity building and training programs at national, provincial and local levels. 2005 	<p>studies.</p> <ul style="list-style-type: none"> • Evaluation reports of case studies. • Human resource needs assessment and plan. • Capacity/training evaluation reports 	<p>resource management.</p> <ul style="list-style-type: none"> • Support for mainstreaming integrated land and natural resources management • Availability of inter -agency staff • Local government cooperation and coordination across sectors
<p>B. Improved approaches to integrated natural resources management</p> <ul style="list-style-type: none"> • Review and evaluate natural resource management experience in dryland ecosystems and document best practices. • Hold national and international workshops to establish the principles of integrated land and natural resources management and their application. • Establish applied research programs and review need to centers of excellence for integrated natural resource management. Programs geared to guide/inform demonstration projects as vehicles to future investments • Best practice studies on land tenure/customary rights, gender roles and minorities, and support to knowledge base. 	<ul style="list-style-type: none"> • Traditional and modern best practices adopted at provincial and county level. 2005. • Guidelines for integrated natural resources management at national and provincial level adopted. 2005. • Best practices studies on cultivated land, grassland and forests, run-off control, water-harvesting potential, water use efficiency, wind erosion control and grasslands management. 2005. • Disseminate lessons learned from demonstration projects. 2006. • Defined applied research programs to identify, develop and validate alternative sustainable land management practices. 2005. • Production and dissemination of best practices for gender roles. • Dissemination of information on minorities. 	<ul style="list-style-type: none"> • Study reports. • Circulation of reports to relevant agencies. • Workshop reports • Identification and adoption of best practices catalyzing action, replication and innovation 	<ul style="list-style-type: none"> • Government accepts improved approaches and demonstrates deepening understand and capacity for integrated natural resources management • Government agrees to best practices and enhancement of capacity
<p>Component/Output 3: Land Degradation Monitoring and Evaluation System</p> <ul style="list-style-type: none"> • Establish a coherent national system of monitoring land degradation/restoration indicators 	<ul style="list-style-type: none"> • Multisectoral institutional network for monitoring 2004. • National monitoring framework for data and information management 2005. • Monitor socioeconomic impacts of land restoration efforts (rural incomes, farmer/herder participation), including poverty reduction 2005. 	<ul style="list-style-type: none"> • Policy paper on institutional framework. • Progress reports. 	<ul style="list-style-type: none"> • Intersectoral ministry/agency cooperation and sharing of data sets and pooling of results. Full public disclosure of results

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<ul style="list-style-type: none"> Establish pilot sites for land degradation/restoration process monitoring in each ecoregion Monitor agreed global and national land degradation/restoration indicators in provinces affected by land degradation/restoration in the WDR. 	<ul style="list-style-type: none"> Network of monitoring sites selected. 2004. Monitoring methodologies developed for pilot areas in the Western Region. 2005. Successfully tested methodologies replicated in all 6 dryland provinces in the Western Region. 2006. Design wide-area monitoring methodologies through inter-agency working group. 2004. Land systems mapping and land use planning operational. 2006 . 	<ul style="list-style-type: none"> Biological Inventories Ecological monitoring reports Multi-temporal studies. Progress reports. Indicator mapping Resource mapping Remote sensing reports. Biomass/productivity assessment reports. 	<ul style="list-style-type: none"> Sectoral agencies and research institutes cooperate and collaborate Consensus is reached on indicators for land degradation and restoration
<ul style="list-style-type: none"> Establish a system for information dissemination to users of land degradation information. 	<ul style="list-style-type: none"> Land degradation data user needs assessment. 2004. Information delivery strategy formulated and budgeted. 2005. Coordinated land degradation data and information delivery system in place. 2005. 	<ul style="list-style-type: none"> Information needs report. Plan and budget 	<ul style="list-style-type: none"> Sectoral agencies cooperate and collaborate
<p>Component/Output 4: Demonstration Projects</p> <p><i>The projects listed below are indicative of the application of integrated natural resources management. Additional investments will be identified.</i></p> <p>Project 1: WB/GEF Gansu-Xinjiang Pastoral Grasslands Development Project</p> <p>Activities:</p> <ul style="list-style-type: none"> Improved grassland management in alpine and sub-alpine grassland systems 	<ul style="list-style-type: none"> Grassland surveys completed by end of 2006. Pilot grassland resource management plans completed by end of 2006. County plans for integrated grassland rehabilitation and improvement formulated by end of 2007. Forage and grass seed production targets achieved by end of 2007 Training programmes for trainers, herders & technicians completed by end of 2006. Applied research in grassland and fodder supply management reported by end of 2008. Public awareness and outreach programs implemented by end of 2008. 	<ul style="list-style-type: none"> Baseline surveys Management plans Study reports 	<ul style="list-style-type: none"> Stakeholders accept new technical approaches being introduced.
<ul style="list-style-type: none"> Livestock productivity improvement 	<ul style="list-style-type: none"> Improved animal husbandry and management techniques 	<ul style="list-style-type: none"> Land use plans Progress reports 	<ul style="list-style-type: none"> Stakeholders accept new

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	<ul style="list-style-type: none"> • are introduced by end of 2006. • Improved livestock breeding is introduced by end of 2006. • Improved wool production is introduced by end of 2007. • Improved mutton production is introduced by end of 2006. • Improved livestock input supply systems are introduced by end of 2007. • Training for herders and technicians is completed by end of 2007. • Training of trainers is completed by end of 2005. • Capability of extension personnel is strengthened by end of 2006. • Outreach and networking arrangements is in place by end of 2005. 	<ul style="list-style-type: none"> • Impact monitoring reports • Evaluation reports. 	<ul style="list-style-type: none"> • technical approaches being introduced.
<ul style="list-style-type: none"> • Improved livestock marketing 	<ul style="list-style-type: none"> • Improving Wool and meat marketing arrangements in place by end of 2007. • Product quality standards developed and implemented by end of 2006. • Comprehensive wool and meat marketing information system established by end of 2007. • Herders' associations established by end of 2005. • Information campaign to promote Chinese quality products established by end of 2005. 	<ul style="list-style-type: none"> • Progress reports • Impact monitoring reports • Evaluation reports. 	<ul style="list-style-type: none"> • Stakeholders accept new technical approaches being introduced. • Local trade barriers removed.
<ul style="list-style-type: none"> • Project Management, Monitoring and Evaluation 	<ul style="list-style-type: none"> • Project management monitoring and evaluation arrangements developed and implemented by end of 2004. 	<ul style="list-style-type: none"> • Progress reports • Impact monitoring reports. • Evaluation reports. 	
<ul style="list-style-type: none"> • Improved condition of natural grassland ecosystems in order to enhance global environmental benefits 	<ul style="list-style-type: none"> • Biodiversity and ecosystem surveys completed by end of 2008. • Plant growth and land degradation surveys completed by end of 2008. • Ecosystem planning and zoning completed by end of 2005. • Mountain closure for vegetation restoration completed by end of 2008. • Monitoring system established and operational by end of 2005. 	<ul style="list-style-type: none"> • Progress reports • Impact monitoring reports. • Evaluation reports 	
Project 2: Qilian Mountains, Gansu Province - Hexi Corridor Integrated Natural Resources Management and Water Saving Project			
<ul style="list-style-type: none"> • Development of a replicable model for integrated natural resources management aimed at overcoming land degradation 	<ul style="list-style-type: none"> • Catchment mapping and natural resources and communities surveys completed by end of 2006. • Public awareness programs 	<ul style="list-style-type: none"> • Progress reports • Impact monitoring reports. • Evaluation reports. • Management plan 	

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	<ul style="list-style-type: none"> • completed by end of 2008. • Local strategy and public participation in the formulation of a integrated natural resources management plan completed by end of 2005. • Policies, plans and budgets harmonised each year, commencing January 2004. • Approved integrated natural resources management plan is implemented by January 2007. 	approved	
<ul style="list-style-type: none"> • Vegetation rehabilitation, improved water supplies and co-management between communities and the government administration 	<ul style="list-style-type: none"> • Land use studies completed by end of 2006. • Revegetation & land conversion completed on 30,000 ha by end of 2010. • Grassland pasture improvement on 40,000 ha completed by end of 2010. • Patrol and enforcement activities strengthened by end of 2005. • Water yields, vegetation restoration and protection activities monitored annually, commencing 2003. 	<ul style="list-style-type: none"> • Progress reports • Impact monitoring reports. • Evaluation reports 	<ul style="list-style-type: none"> • Stakeholders accept new approaches being introduced.
<ul style="list-style-type: none"> • Water-saving arrangements in agriculture introduced and tested 	<ul style="list-style-type: none"> • Shi'an River Catchment Plan prepared • Industrial effluent quality standards approved by end of 2006. • Minqin Oasis Land-use Plan approved by end of 2007. • Improved irrigation efficiency in agriculture reported on by end of 2007. • Alternate water -efficient cropping patterns reported on by end of 2007. • New water tariffs approved end of 2006. • Extension and training of farmers completed by end of 2005. • Local government staff capacity building completed by end of 2007. 	<ul style="list-style-type: none"> • Progress reports • Land use plans • Impact monitoring reports. • Evaluation reports 	<ul style="list-style-type: none"> • Stakeholders accept new approaches being introduced.
<ul style="list-style-type: none"> • Improved knowledge and skills for community management of natural resources 	<ul style="list-style-type: none"> • Staff training completed by end of 2006. • Extension and training of farmers completed by end of 2005. • Village Sustainable Development Committees set up by end of 2005. • Natural Resources Monitoring Centre established by end of 2004. 	<ul style="list-style-type: none"> • Progress reports • Impact monitoring reports. • Evaluation reports 	<ul style="list-style-type: none"> • Stakeholders accept new approaches being introduced.
<ul style="list-style-type: none"> • Improved condition of natural grassland ecosystems in order to enhance global environmental benefits 	<ul style="list-style-type: none"> • Biodiversity surveys, ecosystems mapping, plant growth and land degradation surveys completed by end of 2007. • Grassland ecosystems 	<ul style="list-style-type: none"> • Progress reports • Impact monitoring reports. • Evaluation reports 	

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	<p>planning and zoning completed by end of 2006.</p> <ul style="list-style-type: none"> Grassland, shrub & forests restoration completed on 35,000 ha by end of 2010. Public participation arrangements in place by end of 2005. Monitoring system established and operational by end of 2005. 		
<p>Project 3: Xinjiang Province - Southwest Zhungeer Basin Integrated Natural Resources Management Project</p>			
<ul style="list-style-type: none"> Coordinated, multisectoral, area-based management planning of natural resources within selected river catchments draining the SW Zhungeer Basin into Aibi Lake 	<ul style="list-style-type: none"> Land use, ecological, natural resources management and communities surveys completed by end of 2006. Public awareness raising program completed by end of 2007. Local strategy for overcoming land degradation formulated by end of 2005. Public participation in land use planning completed by end of 2006. Policies, plans and budgets at provincial and county levels harmonised each year, commencing January 2004. Approved management plan approved by end of 2007. 	<ul style="list-style-type: none"> Land use plans Ecosystem management plans Progress reports Impact monitoring reports. Evaluation reports. 	<ul style="list-style-type: none"> Support by provincial & local Governments. Farmers are compensated for temporary loss of income. Farmers accept technical innovations and animal husbandry changes. Funds are available.
<ul style="list-style-type: none"> Improved knowledge and skills for community management of natural resources 	<ul style="list-style-type: none"> Staff training completed by end of 2006. Training and extension completed by end of 2007. Village Sustainable Development Committees set up by end of 2005. Integrated natural resources monitoring centre established by end of 2004. 	<ul style="list-style-type: none"> Progress reports Impact monitoring reports. Evaluation reports. 	<ul style="list-style-type: none"> Stakeholders accept new approaches being introduced.
<ul style="list-style-type: none"> Improved integrated land management on degraded land, including desertified land, in selected river catchments in the Tian Shan Mountains 	<ul style="list-style-type: none"> Ecosystems mapping, biodiversity, plant growth & land degradation surveys completed by end of 2007. Ecosystems planning & zoning completed by end of 2006. Public participation in land management developed by end of 2007. Revegetation work on 40,000 ha completed by end of 2008. Improved pastures on 40,000 ha established by end of 2008. Farm forests on 10,000 ha of ecologically appropriate sites established by 2008. Clonal gene pools, tree and shrub nurseries established by end of 2008. 	<ul style="list-style-type: none"> Progress reports Impact monitoring reports. Evaluation reports. 	<ul style="list-style-type: none"> Stakeholders accept new technical approaches being introduced.

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	<ul style="list-style-type: none"> Improvements to animal husbandry management techniques, including stall-feeding, in place by end of 2008. Research & development of traditional medicines reported annually from 2005. Nature reserve development reported on by end of 2008. Monitoring system established and operational by end of 2005. 		
<ul style="list-style-type: none"> Formulation of a large-scale investment project 	<ul style="list-style-type: none"> Large scale investment project is formulated and approved by end of 2008. 	<ul style="list-style-type: none"> Project documents 	
Project 4: Qinghai Province - Gonghe Basin-Talatan Integrated Environmental Management Project			
<ul style="list-style-type: none"> Improved condition of natural grassland ecosystems to enhance global environmental benefits. 	<ul style="list-style-type: none"> Biodiversity surveys, ecosystems mapping, plant growth and land degradation surveys completed by end of 2007. Ecosystems planning & zoning completed by end of 2006. Revegetation work on 40,000 ha completed by end of 2008. Public participation in land management developed by end of 2007. Monitoring system established and operational by end of 2005. 	<ul style="list-style-type: none"> Land use plans Ecosystem management plans Progress reports Impact monitoring reports Evaluation reports. 	<ul style="list-style-type: none"> Support of provincial & local Governments. Farmers are compensated for temporary loss of income. Farmers accept technical innovations and animal husbandry changes. Availability of funds.
<ul style="list-style-type: none"> Development of a replicable model for sustainable management of upland grasslands aimed at overcoming land degradation barriers and constraints 	<ul style="list-style-type: none"> Catchment identification, mapping & natural resources & communities surveys completed by end of 2007. Public awareness raising program completed by end of 2007. Local strategy for overcoming land degradation formulated by end of 2005. Public participation in land use planning completed by end of 2006. Policies, plans and budgets at provincial and county levels harmonised each year, commencing January 2004. Approved management plan approved by end of 2007. 	<ul style="list-style-type: none"> Progress reports Impact monitoring reports. Approved management plan. Approved harmonised plans, and budgets. Evaluation reports 	
<ul style="list-style-type: none"> Improved knowledge and skills for community management of natural resources 	<ul style="list-style-type: none"> Staff training completed by end of 2006. Training and extension completed by end of 2007. Village Sustainable Development Committees set up by end of 2005. Integrated natural resources monitoring centre established by end of 2004. 	<ul style="list-style-type: none"> Progress reports Impact monitoring reports. Evaluation reports. 	<ul style="list-style-type: none"> Farmers accept technical innovations.

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<ul style="list-style-type: none"> Development of water conservation infrastructure Development of efficient land management practices for economic activities of herdsman in Gonghe County <p>Project 5: Ningxia Province - Helan Mountains – Yellow River Integrated Natural Resources Management Project</p>	<ul style="list-style-type: none"> Engineering planning and design completed by end of 2005. Construction of reservoir, canal system and related structures completed by end of 2008. Water conservation plan, inc. water pricing, established by end of 2005. Grassland, shrub, forests & sand dune restoration completed on 30,000 ha by end of 2010. Improved pastures on 10,000 ha established by end of 2010. Improved animal husbandry and management techniques introduced by end of 2006. Community shelterbelt, farm forestry, firewood, and block plantations on 10,000 ha established by end of 2010. Research & development of traditional medicines reported annually from end of 2005. Crop production using improved technologies Promoted by end of 2006. Agricultural technology service systems & training completed by end of 2007. 	<ul style="list-style-type: none"> Approved engineering plans Progress reports Impact monitoring reports. Evaluation reports Progress reports Impact monitoring reports. Evaluation reports 	
<ul style="list-style-type: none"> Coordinated, multisectoral, area-based planning of natural resources achieved within selected river catchments Improved knowledge base and skills for community management of natural resources 	<ul style="list-style-type: none"> Land use, ecological, natural resources & communities surveys completed by end of 2006. Public awareness raising program completed by end of 2007. Local strategy for overcoming land degradation formulated by end of 2005. Public participation in land use planning completed by end of 2006. Policies, plans and budgets harmonised each year, commencing January 2004. Approved management plan approved by end of 2007. Staff training completed by end of 2006. Training and extension completed by end of 2007. Village Sustainable Development Committees set up by end of 2005. Integrated natural resources monitoring centre established by end of 2004. 	<ul style="list-style-type: none"> Land use plans Ecosystem management plans Progress reports Impact monitoring reports. Evaluation reports. Progress reports Impact monitoring reports. Evaluation reports. 	<ul style="list-style-type: none"> Support of provincial & local Governments exists. Farmers are compensated for temporary income losses. Farmers accept technical innovations. Availability of funds. Stakeholders accept new technical approaches being introduced.
<ul style="list-style-type: none"> Development of a replicable 	<ul style="list-style-type: none"> Catchment identification, 	<ul style="list-style-type: none"> Progress reports 	

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<p>model for integrated natural resources management aimed at overcoming land degradation barriers and constraints</p>	<p>mapping & natural resources & communities surveys completed by end of 2007.</p> <ul style="list-style-type: none"> • Public awareness raising program completed by end of 2007. • Local strategy for overcoming land degradation formulated by end of 2005. • Public participation in land use planning completed by end of 2006. • Policies, plans and budgets at provincial and county levels harmonised each year, commencing January 2004. • Approved management plan approved by end of 2007. 	<ul style="list-style-type: none"> • Impact monitoring reports. • Approved management plan. • Approved harmonised plans, and budgets. • Evaluation reports 	
<ul style="list-style-type: none"> • Improved condition of natural grassland, shrub and forest ecosystems in order to enhance global environmental benefits 	<ul style="list-style-type: none"> • Biodiversity surveys, ecosystems mapping, plant growth & land degradation surveys completed by end of 2007. • Ecosystems planning & zoning completed by end of 2006. • Revegetation work on 30,000 ha completed by end of 2010. • Public participation in land management developed by end of 2007. • Monitoring system established and operational by end of 2005. 	<ul style="list-style-type: none"> • Progress reports • Impact monitoring reports. • Evaluation reports. 	
<p>Project 6: Inner Mongolia - Tongliao Sand Lands Integrated Natural Resources Management Project</p>			
<ul style="list-style-type: none"> • Coordinated, multisectoral, area-based planning of natural resources achieved within selected river catchments 	<ul style="list-style-type: none"> • Land use, ecological, natural resources & communities surveys completed by end of 2006. • Public awareness raising program completed by end of 2007. • Local strategy for overcoming land degradation formulated by end of 2005. • Public participation in land use planning completed by end of 2006. • Policies, plans and budgets harmonised each year, commencing January 2004. • Approved management plan approved by end of 2007. 	<ul style="list-style-type: none"> • Land use plans • Ecosystem management plans • Progress reports • Impact monitoring reports. • Evaluation reports. 	<ul style="list-style-type: none"> • Support of provincial & local Governments. • Farmers are compensated for temporary income losses. • Farmers accept technical innovations & animal husbandry changes. • Availability of funds.
<ul style="list-style-type: none"> • Improved natural resources management achieved that provides a replicable basis for land degradation control, contributes towards poverty alleviation and will facilitate trans-border cooperation on land degradation control between PRC and Republic of 	<ul style="list-style-type: none"> • Revegetation & regeneration of grasslands & forests on 20,000 ha completed by end of 2010. • Improved pastures established on 10,000 ha by end of 2010. • Agroforestry development on 5,000 ha established. 2010. • On-farm fodder development & stall feeding of livestock 	<ul style="list-style-type: none"> • Progress reports • Impact monitoring reports. • Approved management plan. • Approved harmonised plans, and budgets. • Evaluation reports 	<ul style="list-style-type: none"> • Stakeholders accept new technical approaches being introduced.

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Mongolia	<ul style="list-style-type: none"> completed by end of 2007. Improved animal husbandry and management techniques introduced by end of 2006. Research & development of traditional medicines reported on annually from 2005. 		
<ul style="list-style-type: none"> Improved arrangements for water saving in agriculture, improved irrigation efficiency and appropriate water tariffs approved 	<ul style="list-style-type: none"> Preparation of a binding Water Master Plan for Tongliao Municipality approved by end of 2006. Review & adaptation of agricultural cropping patterns in respect of water saving practices completed by end of 2006. Revised water tariffs aimed at cost-recovery approved by end of 2007. Water-saving irrigation & management arrangements, including water reticulation equipment, established by end of 2007. Extension & training of farmers for water saving in agriculture completed by end of 2007. Training of local Government staff in water saving practices & technologies completed by end of 2008. 	<ul style="list-style-type: none"> Progress reports Land use plans Impact monitoring reports. Evaluation reports 	
<ul style="list-style-type: none"> Improved knowledge and capacity for community management of natural resources 	<ul style="list-style-type: none"> Staff training completed by end of 2006. Training and extension completed by end of 2007. Village Sustainable Development Committees set up by end of 2005. Integrated natural resources monitoring centre established by end of 2004. 	<ul style="list-style-type: none"> Progress reports Impact monitoring reports. Evaluation reports 	<ul style="list-style-type: none"> Stakeholders accept new technical approaches being introduced.
Project 7: Sha'anxi Province - Mao Wushu Desert Stabilisation Project			
<ul style="list-style-type: none"> Coordinated, multisectoral, area-based planning of natural resources achieved within selected river catchments within Yulin Prefecture 	<ul style="list-style-type: none"> Land use, ecological, natural resources & communities surveys completed by end of 2006. Public awareness raising program completed by end of 2007. Local strategy for overcoming land degradation formulated by end of 2005. Public participation in land use planning completed by end of 2006. Policies, plans and budgets harmonised each year, commencing January 2004. Approved management plan approved by end of 2007. 	<ul style="list-style-type: none"> Zoning plans Baseline surveys Study reports Progress reports Impact monitoring reports. Evaluation reports. 	<ul style="list-style-type: none"> Support of provincial & local governments exists. Farmers are compensated for temporary loss of income. Funds are available. Stakeholders accept new technical approaches being introduced
<ul style="list-style-type: none"> Development of a replicable model for integrated natural resources management aimed 	<ul style="list-style-type: none"> Catchment identification, mapping & natural resources & communities surveys 	<ul style="list-style-type: none"> Progress reports Impact monitoring reports. 	

Design Summary	Performance Indicators and Targets	Monitoring Mechanisms	Key Assumptions and Risks
<p>at overcoming land degradation.</p> <ul style="list-style-type: none"> Improved knowledge for community management of natural resources 	<p>completed by end of 2007.</p> <ul style="list-style-type: none"> Public awareness raising program completed by end of 2007. Local strategy for overcoming land degradation formulated by end of 2005. Public participation in land use planning completed by end of 2006. Policies, plans and budgets at provincial and county levels harmonised each year, commencing January 2004. Management plan approved by end of 2007. Staff training completed by end of 2006. Training and extension completed by end of 2007. Village Sustainable Development Committees set up by end of 2005. Integrated natural resources monitoring centre established by end of 2004. 	<ul style="list-style-type: none"> Approved management plan. Approved harmonised plans, and budgets. Evaluation reports Progress reports Impact monitoring reports. Evaluation reports 	<ul style="list-style-type: none"> Stakeholders accept new technical approaches being introduced.
<ul style="list-style-type: none"> Improved condition of natural grassland and shrubland ecosystems in order to enhance global environmental benefits 	<ul style="list-style-type: none"> Biodiversity surveys, ecosystems mapping, plant growth and land degradation surveys completed by end of 2007. Ecosystems planning & zoning completed by end of 2006. Revegetation work on 30,000 ha completed. 2010. Public participation in land management developed by end of 2007. Monitoring system established and operational by end of 2005. 	<ul style="list-style-type: none"> Progress reports Impact monitoring reports. Evaluation reports. 	