

ETHIOPIA'S ACTION PLAN FOR THE GGW PROJECT *“ACTION AGAINST DESERTIFICATION”*

In support of the implementation of the Great Green Wall for the Sahara and the Sahel Initiative (GGWSSI) and South-South Cooperation in Africa, Caribbean and Pacific (ACP) countries



ETHIOPIA

- It lies between latitudes 3° and 15°N , and longitudes 33° and 48°E .
- Population grows 33.5 million in 1983 to 87.9 million in 2014 (2.6%)
- There are above 80 tribal groups and languages
- Politics –federal parliamentary republic
- There are 9 regional states and 2 city admin.
- Agriculture accounts for almost 41% of the (GDP), 80% of exports, and 80% of the labor force.
- Addis Ababa, is situated on the foothills of Mount Entoto, at an elevation of around 2,400 m (7,874 ft).

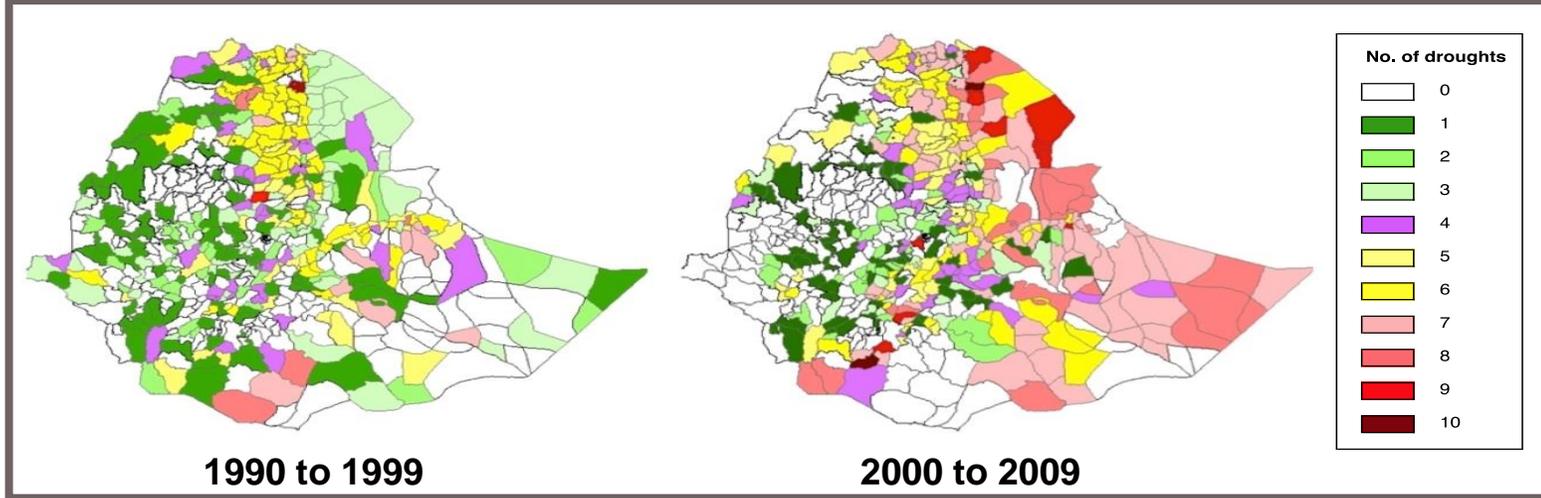


Weather variability lead to extreme events and causes hazards

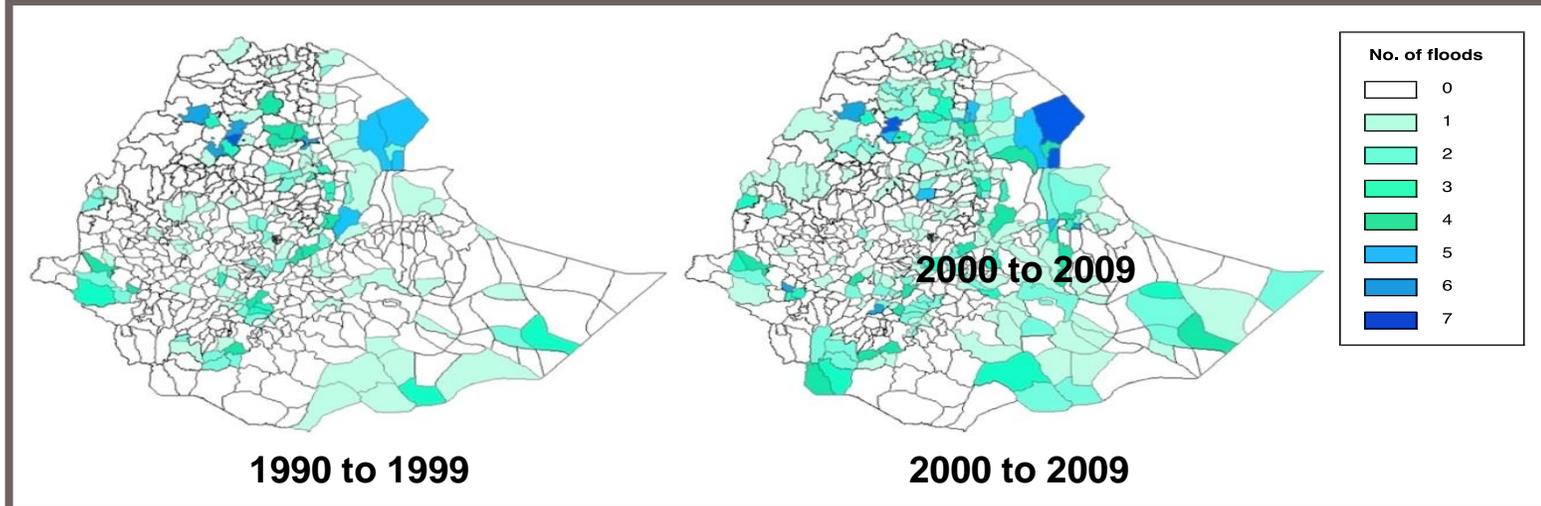


Within Ethiopia extreme climate events are common, particularly droughts and floods. Alongside the evidence of a changing climate, evidence suggests the incidence of droughts and floods has been increasing from time to time .

FREQUENCY OF DROUGHTS BY WOREDA



FREQUENCY OF FLOODS BY WOREDA



Historic weather variability, extreme events and hazards have resulted in a substantial negative impact in agriculture & the economy in general



- Floods and droughts
 - severe loss to agricultural crop and livestock
 - resulting in food insecurity implications.
- Droughts alone is estimated to reduce total GDP by 1% - 4%.
- Soil erosion has been estimated to reduce agricultural GDP by
 - 2%-3% (around 1% of total GDP).
- High sensitivity of agricultural output to climate.
- **These all equates to a high current vulnerability and economic cost that we must tackle.**



THE GTP AND CRGE

- Ethiopia launched a **GTP** for the period 2010/11-2014/15
 - with the vision to propel Ethiopia into middle income country status by 2025.
 - The GTP is an ambitious plan that envisages the country's GDP per capita would grow from 378 USD in 2010 to 1271 USD in 2025.



CRGE OF ETHIOPIA

- CRGE of Ethiopia is an overarching economic development strategy of Ethiopia which is adopted in 2011 (COP 17)
- Ethiopia has initiated the CRGE initiative to protect the country
 - **from the adverse effects of climate change and**
 - **to build a green economy that will help realize its ambition of reaching middle-income status before 2025.**



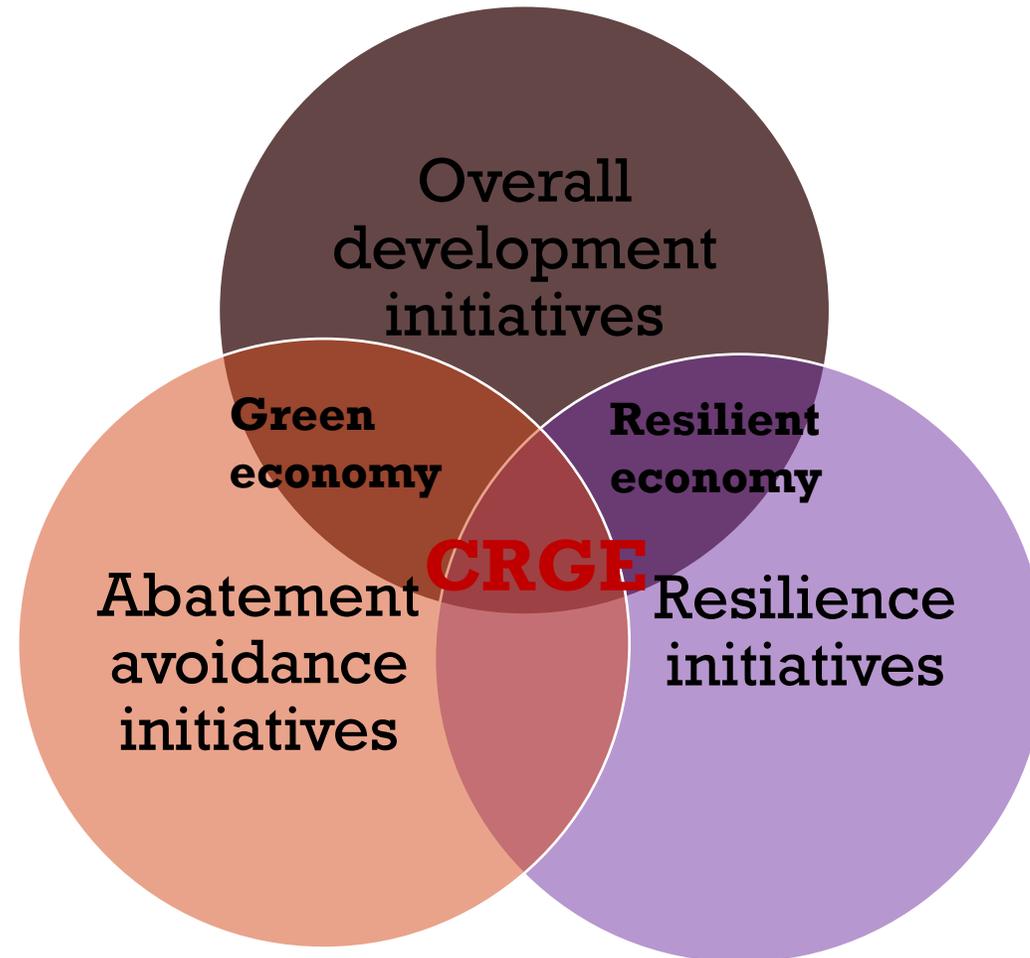
ETHIOPIA'S CRGE



Ethiopia's CRGE focuses at ensuring climate resilient development and low carbon resource efficient and clean development

Green Economy

Reach middle income threshold by 2025 and keep growth carbon neutral (net zero emission)



Resilient Economy

Build the capacity of the economy to cope with the adverse consequences of climate change



GREAT GREEN WALL OF ETHIOPIA

- About 65 % of Ethiopia's land mass is threatened by desertification
- Catastrophic events coupled with:
 - poor natural resources management
 - increasing population pressure
- Ethiopia's engagement in the Great Green wall is pertinent
- Developed implementation strategy in 2011 with a support from FAO



GREAT GREEN WALL OF ETHIOPIA

- National Action Plan has also been prepared
- The GGWSS implementation strategy was built on key principles:
 - Integrated multi-sectoral approach ;
 - Full participation of local communities ;
 - Sustainable development through integrated natural resource management (INRM) ;
 - Social development and gender sensibility ;



GREAT GREEN WALL OF ETHIOPIA

- **Poverty reduction and livelihoods improvement ;**
- **Soil, water and biodiversity conservation and restoration ;**
- **Building on local knowledge and lessons learned from past INRM programmes and initiatives ;**
- **Making best use of resources, traditional institutions and past experiences and**
- **Flexibility and learning by doing.**



GREAT GREEN WALL OF ETHIOPIA

- Overall objectives of the GGWSSI
 - is to create the necessary conditions for the **sustainable socio-economic and environmental development** for the populations living in Arid and Semi-Arid areas
 - Primarily considered as a tool used to realizing the goals set in Ethiopia's CRGE and GTP and **ensure equitable development**



ACTION AGAINST DESERTIFICATION



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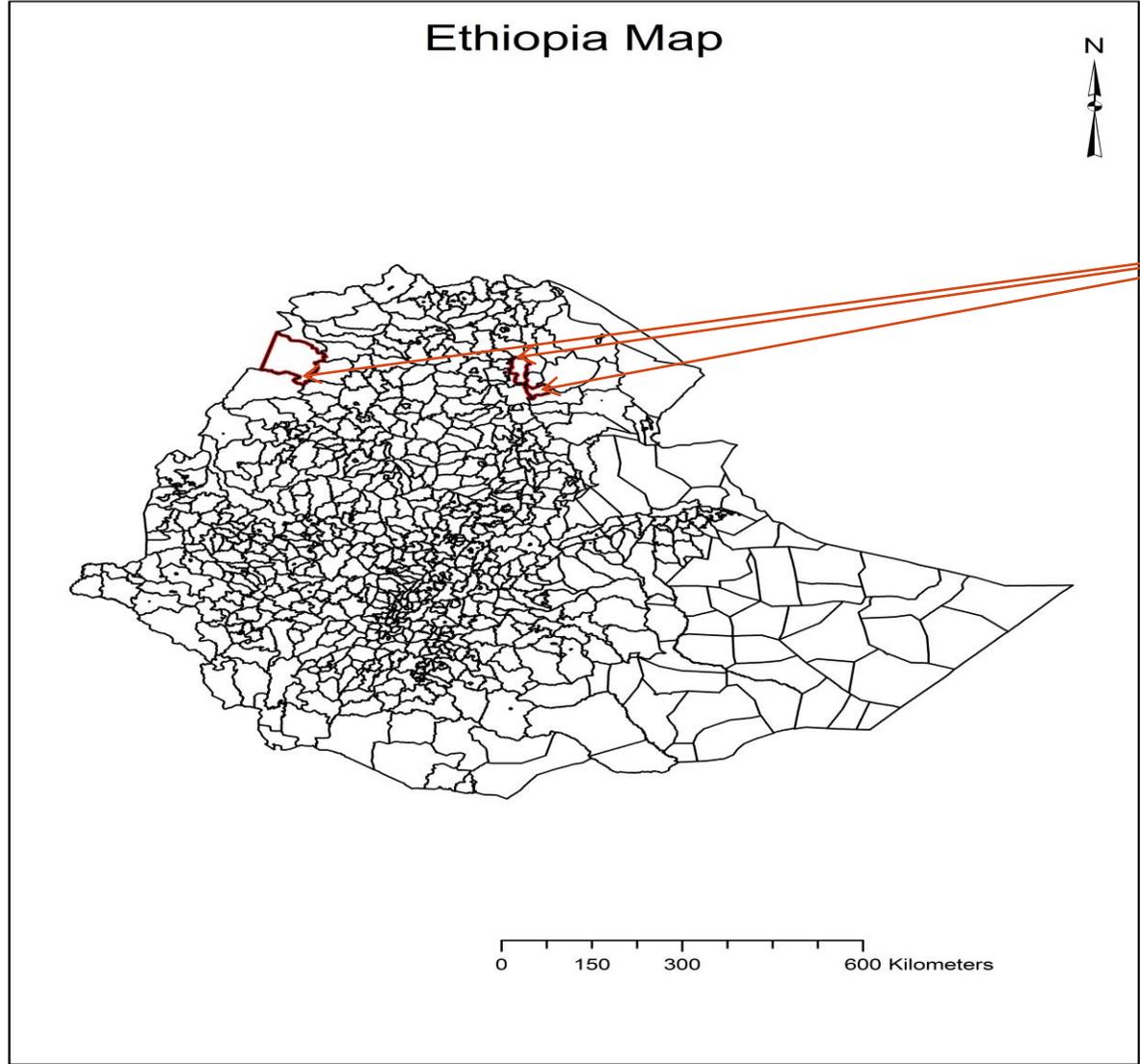
**Integrated landscape restoration
and livelihood development project
in selected arid and semi-arid
Wereda's of three Regional States in
Ethiopia**



AREA OF INTERVENTION

- The project will be implemented in three Weredas/districts of three regional states
 - Amhara Regional State
 - Metema Wereda
 - Tigray Regional State
 - Raya Azebo Wereda
 - Afar Regional State
 - Gulina Wereda



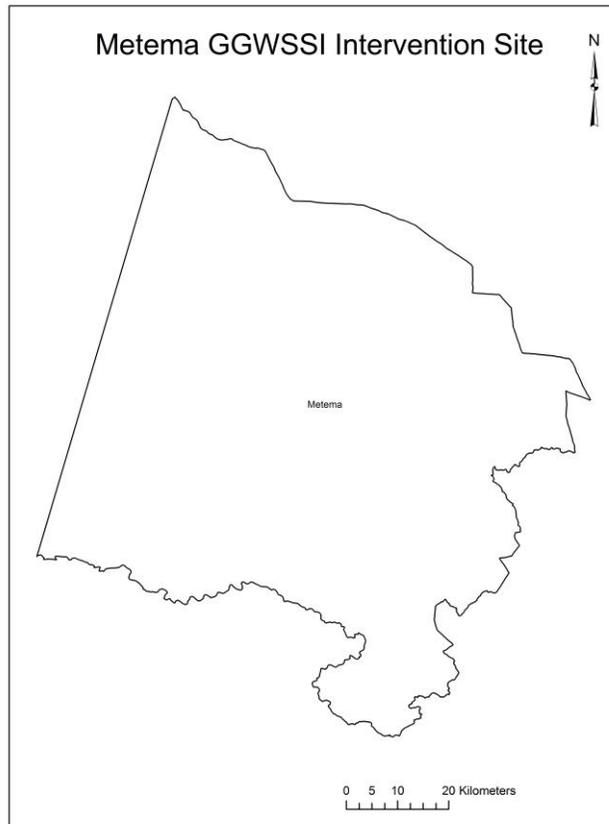


**GGWSSI
Project Sites
in Ethiopia**

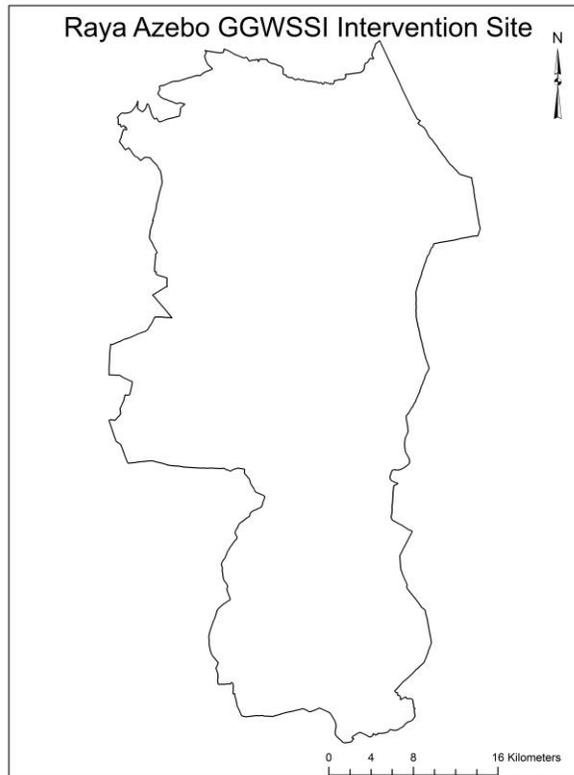


METEMA WEREDA

- Intervention Area:- 696,996 ha
- Elevation:- 550-1608masl
- RF:- 850-1100mm
- Temperature:- Minimumu T° ranges from 22-28oc, Maximum T° get to 43 °c
- opulation (CSA 2007):- around 141,235 (65,858F)/
- Major livelihood:-Agriculture
- Vegetation Type:- The natural vegetation of this woreda is predominantly Acacia trees with Hyparrhenia grasses growing beneath.



RAYA AZEBO WEREDA

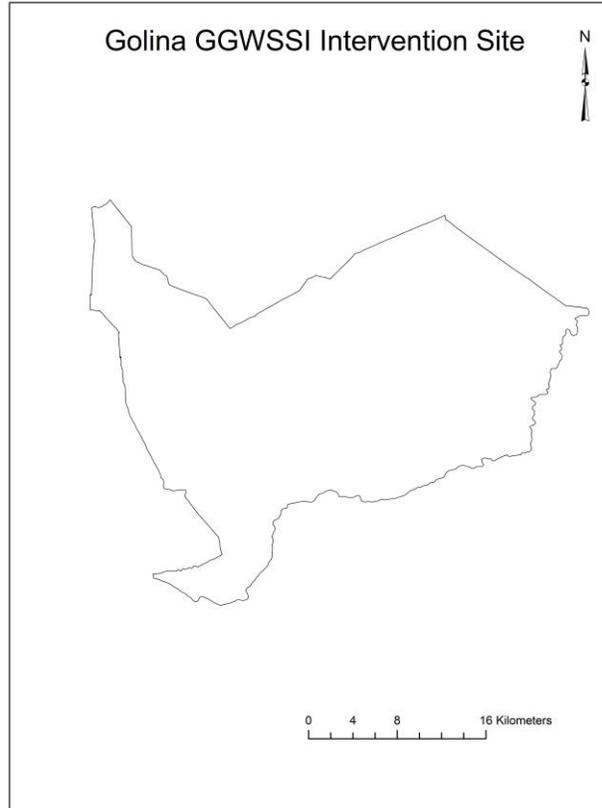


- Intervention Area:- 139,252ha
- Elevation:- 930-2180masl
- RF:-450-600mm
- Temperature:- Annual T° ranges from 16-26 °c
- Population (CSA 2007):- around 157,137 (79097 F) /
- Major livelihood:-Agriculture
- Vegetation Type:- The vegetation is mainly bush scrub and cactus with scattered acacia trees.



GULINA WEREDA

- Intervention Area:- 80,955ha
- Elevation:- -116->1500 masl
- RF:- The average annual rainfall registered for 11 years at Dubti station was 187.9mm.
- Temperature:- Annual T° ranges from 25-48 °c
- Population (CSA 2007):- around 60839 (26989 F) /
- Major livelihood:-Livestock
- Vegetation Type:- dominated by woodland



OBJECTIVES OF THE PROJECT

- **Promoting of good governance and management of natural resources**
- **Promoting local communities' interventions along the great green wall**
- **Strengthening food security through improved agro-silvo-pastoral production systems**
- **Enhancing research and knowledge management**



ACTIVITIES AND WORKPLAN

Activities	Work plan	Budget 000' USD
•Review and diffusion of laws and regulations on land tenure and utilization;	2016	15
• Develop information and technical notes on land and tree resources tenure in support to awareness creation, capacity building for sustainable natural resources management;	2017, 18	10
•Development of tools and approaches to support natural resources policy makers in preventing and resolving natural resources-related conflicts.	2016	40



ACTIVITIES AND WORKPLAN

Activities	Work plan	Budget 000' USD
<ul style="list-style-type: none">• Hold training workshops at regional and local levels to build capacity in natural resources policy development for the valorization of the resources and livelihoods improvement ;	2016,1 7,18,1 9	144
<ul style="list-style-type: none">• Promoting facilitative measures for greater participation of non-state stakeholders, including local communities, in the planning and management of local economies;	2016	25



ACTIVITIES AND WORKPLAN

Activities	Work plan	Budget 000' USD
<ul style="list-style-type: none"> • Training local communities in result-based management approach, monitoring and evaluation exercises, and integrated environmental planning tools: 	2016,1 7,18	90
<ul style="list-style-type: none"> • Support the Non Wood Forest Products (NWFP) dealers and professionals in managing the resources and advising at local community level: 	2017	38
<ul style="list-style-type: none"> • Empower local people and communities to undertake economically and environmentally viable income generating activities: 	2016	150



ACTIVITIES AND WORKPLAN

Activities	Work plan	Budget 000' USD
• Conduct soil and water conservation practices:	2016,17, 18	36
• Promote on farm and homestead forestry and agro-forestry best practices;	2016,17	80
• Improve management of livestock and fodder resources	2016,17, 18	21
• Rehabilitate degraded woodlands and agro-forestry/ parklands	2016,17, 18	400



ACTIVITIES AND WORKPLAN

Activities	Work plan	Budget 000' USD
Promote woodlots and greenbelts establishment:	2016,17,18	27
Develop manual for the management of native flora	2017	20
Establish area closures	2016,17,18	1.5
Control invasive species;	2016,17,18	XX

ACTIVITIES AND WORKPLAN

Activities	Work plan	Budget 000' USD
<ul style="list-style-type: none"> • Strengthen specialized arid region training and research centers for increased research in dry land forestry, farm forestry and rural development policy research: • Support policy research on production systems dynamics in the context of the implementation of GGWSSI and other national programs: • Revise curricula 	<p>2016</p> <p>2016,17, 18,19</p> <p>2016</p>	<p>35</p> <p>100</p> <p>20</p>

BUDGET SUMMARY

Budget Category	Amount (USD '000)
Project launching	30
Project direct costs	1294.5
Human resource at Federal and regional institutions	305.250
Project administration and monitoring and evaluation	370.050
Total	1999.8



CONTRIBUTIONS FROM THE GOVT

- The government covers costs in relation to:
 - **Developing MRV system for monitoring of impacts**
 - **Covers costs related to control of invasive species**
 - **Provides offices and equipment essential to the implementation of the project**
 - **The community provides free labor service**
- **Though not accounted in monetary terms, these contributions will constitute modest share of the project cost**



MANY THANKS FOR YOUR ATTENTION

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