Republic Of The Sudan

State Efforts on Sustainable Development
Planning & Implementation

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DG Natural Resources & Sustainable Development
- Area: 1.8 million km²
- Population: 38.5
- Eco-zones: arid, semi-arid, savannah
- Agricultural economic
- Arable land: 200 million feddan
- Cultivated: 51 million feddan
- Main crops: wheat, sorghum, cotton, groundnuts, sesame, sunflower, Arabic gum
- Water resources: River Nile, white & blue Niles, Rain, underground
Climate change

Has great implications in life, resulting in:

- Heavy rain
- Floods
- High degrees of temperature
- Low degree of temperature
- Drought
- Deterioration of ecosystem
- Desertification ... etc
During the period 1913 – 2011
Sudan exposed to different types of climate change
Implications these are:

- Rain flocculation – amount & distribution.
- Desertification in North, North West, East & central.
- Drought: almost coverage the whole states
- Land degradation
- Water scarcity
- Increasing temperature ... etc
The climate change implications results in:

- Low production & productivity in agricultural sector
- Decreasing in area & quality of pastures
- Increasing the rural poverty
- Decreasing the livelihood patterns
- Raising the competition in natural resources
- Result in displaced people
- Dispute between people
- Decreasing agricultural contribution in the DGP
- Affecting other economical sectors contributions
The National Efforts in SD – P.I. -

1. the National Quarter Century Strategy (2007- 2031)
5. Agricultural Revival Program
6. National program alignment to Comprehensive of Africa Agricultural Development Program (CAADP)
7. National Investment Plan
8. National Program technical packages for integrated solutions for agricultural sector
9. Agricultural Laws Program
10. Reconstruction of the agricultural sector
12. The alignment of NAP with the 10 years strategy of UNCCD (at inception phase)
13. The integrated Water Resources Management Program (IWRMP)
The World Efforts in SD – P.I. in Sudan

1. The Arab Center for the Study of Arid Zones and Dry Land (ACSAD)
   e.g.: Land Use Map
2. AARDO
   e.g.: Darfur Domestic Water Program
3. IGAD
   e.g.: IDDRISI & CAADP
4. COMESA
   e.g.: CAADP
5. FAO
   e.g.: Agricultural census
6. IFAD
   e.g.: 1. Botana Development project
   2. Backup Small Scale Producer in Sennar State
   3. West Sudan Natural Resources Management
   4. Constructing & Developing Al Gash project
   5. Improve Seeds Project
   6. Agricultural roads project
Ministry of Agriculture & Irrigation

(5 Administrations + )
Natural Resources & Sustainable Development

Other Partners: all Ministries in both Economic & Service Sectors
Sudan Pilot Country for SD in the area

WHY?

- National Programs
- COMESA
- IGAD
- ARAB LEAGUES INSTITUTIONS
- UN AGENCIES
- EU
- ISLAMIC WORLD
- AFRICAN UNION
- BORDERS WITH 8 COUNTRIES
Opportunities

- Long experience in climate changes impacts (1913)
- 25 years National Strategy (national)
- National program complete technical packages for integrated solutions in agricultural sector (MoAI).
- Sudan share's borders with 8 countries (geo)
- Agricultural natural resources (reorganize)
Absence of integrated thinking, analysis, coordination & synthesis body for sustainable development.

Absence of water scarcity & drought management action plan.

Legislations & laws are not efficient & effective.

Lack of capacity building—human & assets.

Lack of awareness & technology transfer programs.
**Project Title:** Support & Maximize The Role of Extension & Technology Transfer in Rain–Fed Area

**General aim:** To increase the production & productivity for the Small Scale Sorghum Producer.

**Supervision:** Technology Transfer & Extension Administration – project template (Federal level)

**Implementation:** Technology Transfer & Extension Administration (State level)

**Finance:** Arab Organization for Agricultural Development ($100000).

**Competition:** All Sudan States- submit a project proposal to the federal level

**The winner:** Sennar State

**Target No.:** 150 farmers (100 male + 50 female)

**Villages:** 15 scattered through the State –

**Area:** 750 feddan

**Intervention:** sowing date, improve seeds, sub soiler plough, rows indigenous planter
✓ A national planning & implementation development project
✓ Integrated efforts included MoA at federal level & states, extension agents, ARC, producers organizations, farmers both sex, universities, donors, services providers.
✓ Increasing production & productivity
✓ Increasing income
✓ Decreasing poverty
✓ Importance of technological intervention & capacity building
✓ Raised awareness to utilize & sustained resources
✓ Before project production is 200-300Kg
✓ After project production is 1100-1300Kg
Recommendations

- Endorse Sudan as a pilot country within neighboring 8 countries.
- TCP for capacity building.
- Establishing powerful Focal Point for coordination, monitoring and evaluation. Such efforts for the Sudan as pilot country.
THANKS