

Republic Of The Sudan

State Efforts on Sustainable Development Planning & Implementation

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**Agric. Eng. Hassabo M. Elhag
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: 51million 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 ,result in

- ❖ Heavy rain
- ❖ Floods
- ❖ High degrees of temperature
- ❖ Low degree of temperature
- ❖ Drought
- ❖ Deterioration of ecosystem
- ❖ Desertification ...etc

Sudan Situation

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 : all most 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)**
- 2. Three years National Economy Enhancement program(2013- 2015)**
- 3. Five years National Economy Enhancement program (2015- 2019)**
- 4. National Action Plan (NAP) for Compacting Desertification 2006**
- 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**
- 11. Country programing framework for Sudan CPF/FAO2012-2016**
- 12. The alignment of NAP with the 10 years strategy of UNCCD(at inception phase)**
- 13. The integrated Water Resources Management Program(IWRMP)**
- 14. Sudatel Social Responsibility Initiative SSRI 2015**

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

Sudan Institutes for SD Planning & Implementation

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**)
- 25years 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**)

Weakness

- **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**

Successful Story

2003 - 2004

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



Lessons learnt

- ✓ 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

