

STATUS OF PERFORMANCE OF THE DIRECTORARE OF ENVIRONMMENT AFFAIRS IN UGANDA

PRESENTED

BY

**Ag. DEA MINISTRY OF WATER AND
ENVIRONMENT**



OUTLINE

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 3. Strategy for ENR Mgmt and Achievements
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1. Introduction

Purpose of Environment Protection and Sustainable Resource Use

- ❑ DEA is central in the management of Uganda's rich environmental endowment, and cuts across all sectors, requiring the participation of many actors.
- ❑ Most sectors of Uganda's economy and its people rely on the goods and services nature provides e.g. water, wood, grass and soil are the raw materials upon which economic development is based, while services such as flood control, climate regulation and water storage contribute to Uganda's gross domestic product (GDP), employment and people's welfare.

3. Consequences of ENR loss

Failure to invest sufficiently in the sustainable management of Uganda's ENRs threatens continued economic growth

- Increased incidence of permanent flooding along the main telecommunication and transport links leading to destruction of lives and properties; replacement at higher cost.
- The direct discharge of volumes of waste water, silts and effluents into the water bodies escalate the pollution load and eutrophication process- into the proliferation of invasive spp, tripling water pdn cost and reduced fish catch.
- Decline in underground and surface water storage leading to drying of boreholes, valley dams, rivers and protected wells affecting HEP and water storage capacity.
- Increased prevalence of water borne diseases such as cholera, typhoid, dysentery due to poor sanitation and hygiene leading to reduced human productivity and increased medical treatment cost
- Release of large volume of CO₂ into atm compounding the global warming scenario.

4. Strategies for ENR Management

1. Promotion of Knowledge of Environment and Natural Resources

- ❑ Stakeholders were mobilized and sensitized on ENR management and challenges through:
- ❑ Commemorated WWD in Bushenyi
- ❑ Radio/TV talk shows from radio and TV stations,
- ❑ Devt and dissemination of ENR printed and electronic materials
- ❑ Preparation and dissemination of the National Wetland Report



HE Demonstrating fish farming in a wetland edge in Pallisa in Dec 2019



Launching of wetland wise use demonstration site in Bushenyi during WWD Feb.2020

4. Strategies for Wetlands Management

1. Promotion of Knowledge of ENRs

Inventory and mapping ENRs in Uganda:

- Commenced on the inventory of wetlands in the DGLs of Gulu, Pader, Amuru, Nwoya, Kitgum, Lamwo, Omoro and Agago which were not covered in 1999 wetland inventory.
- The NWIS has been upgraded with open data kit software to improve data collection and connection with LGs with over 24DLGs now provide timely and accurate wetland data.
- The National Forestry Monitoring System established and functional providing timely forest status data.
- A Safeguards Information System established and functional under REDD+ to track Results Based payments.

4. Strategies for ENR Management

2. Policy, Planning, Legal and Institutional Framework.

- ❑ Reviewed the NEMP and harmonized with RIA.
- ❑ Reviewed the Wetland Policy and Bill and prepared the RIA.
- ❑ Reviewed the Forestry Policy 2001 and NFTP Act and prepare the RIA.



Participants at the NEMP review

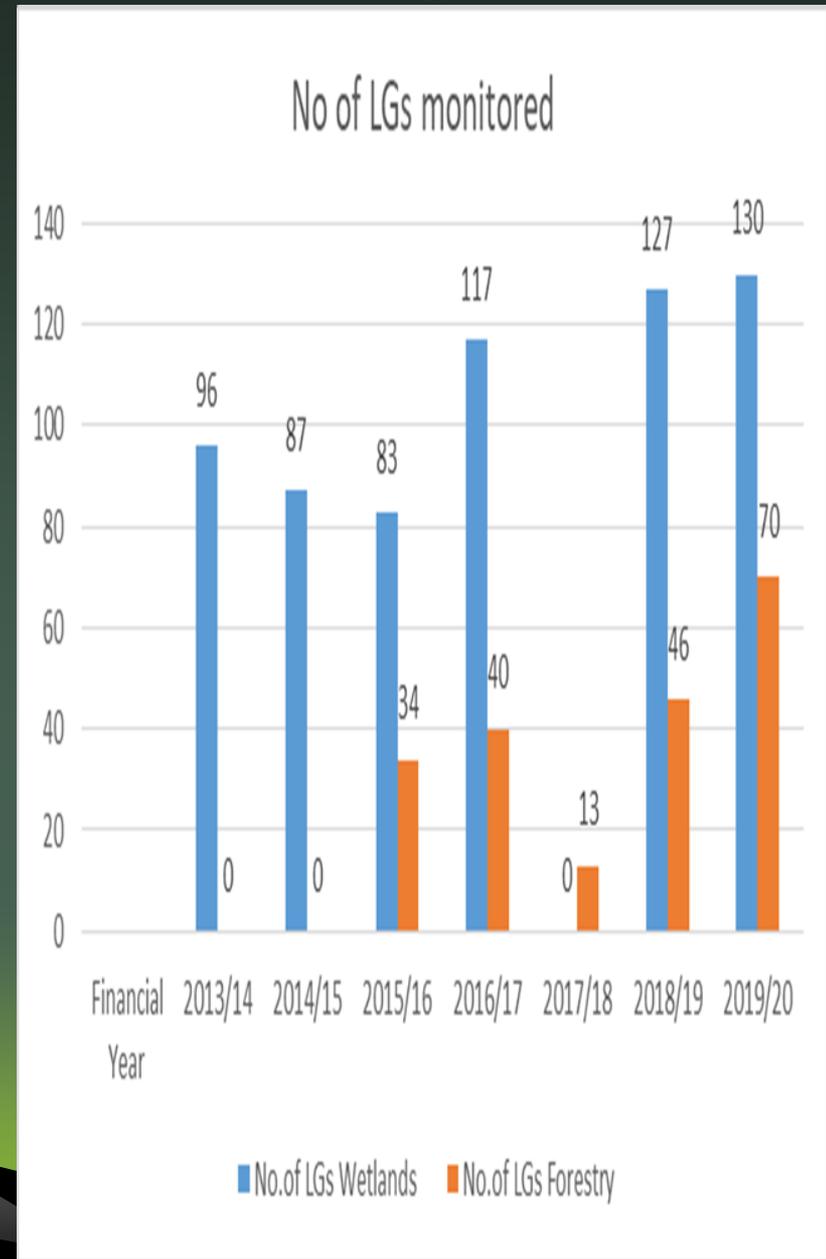
4. Strategies for ENR Management

2. Policy, Planning, Legal and Institutional Framework

- ❖ Prepared and disseminated ENRs mainstreaming guidelines for the WSS with over 24 WSS projects complying to the guideline.
- ❖ Developed and disseminated guidelines for guiding LGs in the planning and budgeting for the ENR non-wage conditional grant.
- ❖ Finalize Cabinet Memos for the declaration of the Extended Kalagala and Itanda Offset Area as special conservation area and the subsequent gazettment as special conservation area under the NEA 2019.
- ❖ Prepared standards for the regulation and management of softwood and chain of custody for timber.

4. Strategies for Wetlands Management

- **3. Coordination, monitoring, inspection, mobilization and supervision**
- The 04 RTSUs of ENR monitored, coordinated, backed stopped at least 130 LGs by WMD and 70 LG by FSSD of the 135 LG with over 96.3% up from 87% last year comply with the planning guidelines for use of CG, 5% non complying are cautioned.
- Reviewed and provided guidance on 03 ESIA reports for oil and gas activities.



4. Strategies for ENR Management

5. Restoration and Protection of Degraded Ecosystems.

- ❑ **580.39km** of wetlands, Mabira CFR, LFRs and R. Nile buffer zone were demarcated with pillars, beacons and live markers down from **796.6km**.
- ❑ **139,411.7ha** of wetlands, river bank, streams and forest reserves restored under LGs, KSDP, GCF, WMD, FSSD, DESS, SPGS, FIEFOC and REDD+ compared to **39,433.4 Ha** last years.
- ❑ Over **9,667,650** tree seedlings were raised and distributed to tree growers countrywide



District Chairperson Bushenyi DLG launching wetland demarcation exercise



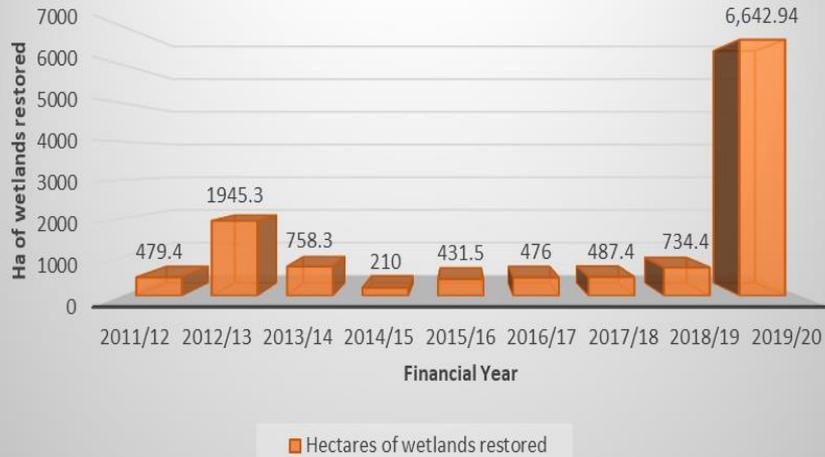
Seedlings being tended reading them for planting & Pine woodlot in Oyam

Trends in ENR Restoration and Demarcation

Trends in wetland restoration and demarcation over the years

Trends in forestry restoration and demarcation

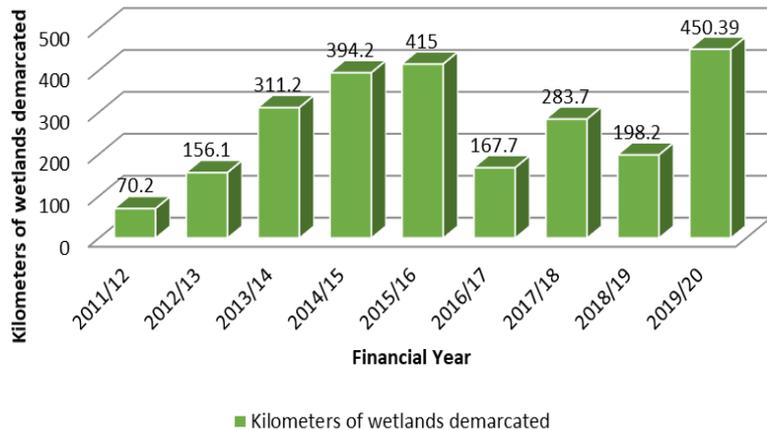
Hectares of wetlands restored



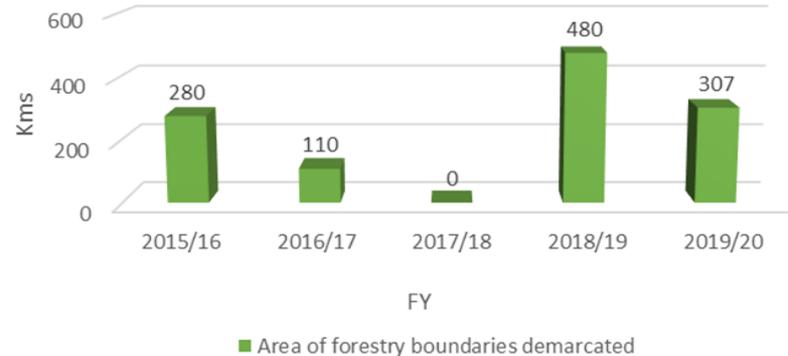
Area restored



Kilometers of wetlands demarcated



Area of forestry boundaries demarcated



4. Strategies for ENR Management

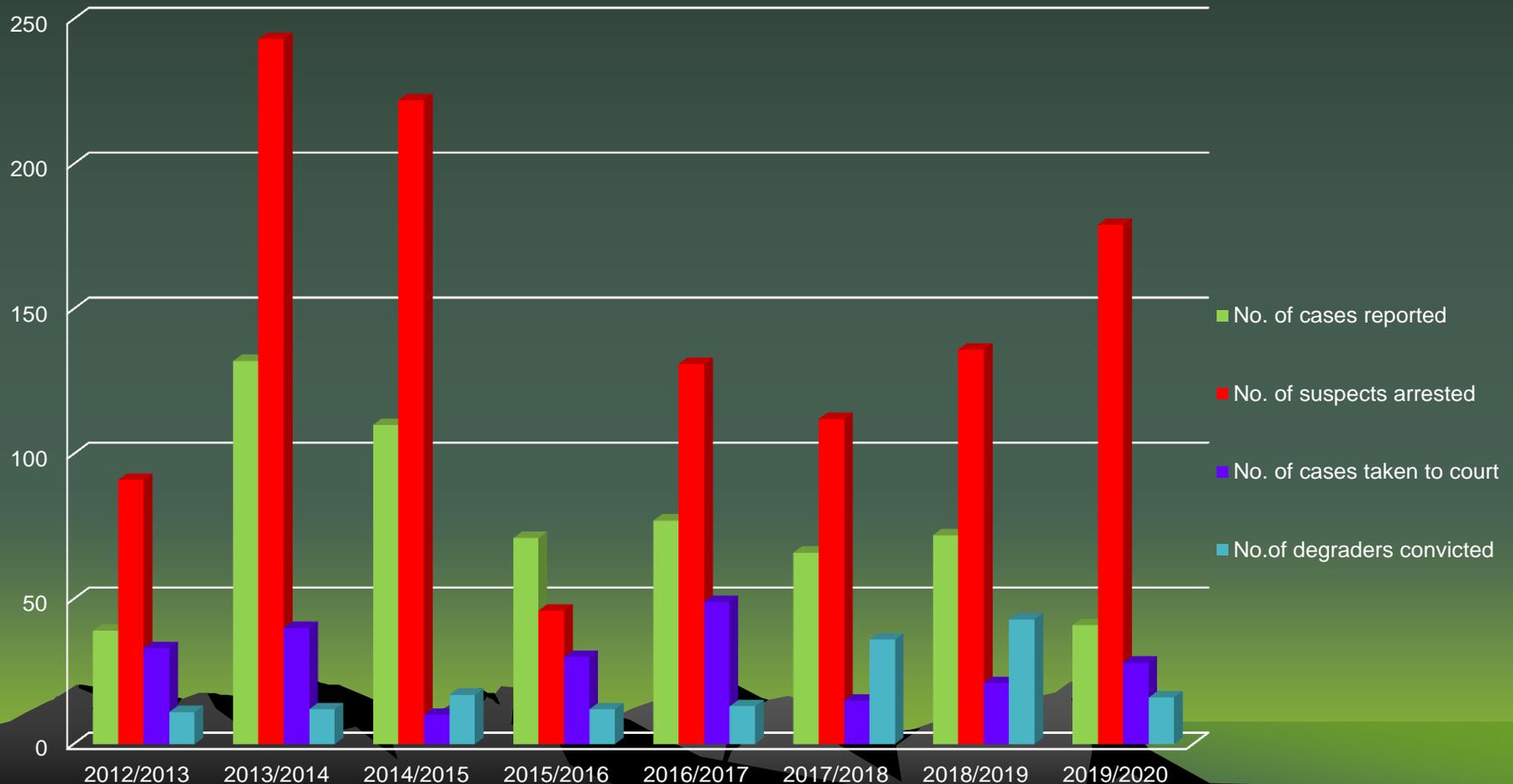
6. Wetland Coding

- ❑ Coded all the 8 drainage basins. Coding is assigning a wetland unique identifiers e.g number followed by names.
- ❑ Each drainage basin has a code from 01 to 08.
Kyoga-04-001-001-001-01.
- ❑ These codes will be used for gazettelement process.
- ❑ So far over 05 technical reports out of the 08 have been compiled showing wetland codes, names, area, boundary and location to support the gazettelement process in L. Victoria, L. Kyoga, Lake Albert, Kidepo and Aswa basins.

4. Strategies for ENR Management

7. Compliance Monitoring and Enforcement of the laws

Compliance Monitoring and Enforcement trends over the years



4. Strategies for ENR Management

7. Capacity Building

- ❖ Trained over 48 DLG officers and 21 WMD officers and EPPU in GIS and Open Data Kit software for timely wetland monitoring and reporting.
- ❖ Trained 04 officers from Gulu and Nwoya DLG in wetland inventory techniques.
- ❖ Over **30,299** forest stakeholders trained in forest mgmt, wood industry and efficient energy technology.
- ❖ 502 students graduated in Dip. and Cert. in forestry disciplines at Nyabeya College.



Participants during the ODK Training



Training farmers in mgmt. of Pinu Caribea in Masindi

4. Strategies for ENR Management

5. Resources for DEA outputs implementation mobilized.

- ❖ 01 National Wetland Restoration project proposal worth 1.0Bn approved in PIP.
- ❖ 01 Investing in Forest and Protected Areas for Climate Smart Development approved and commenced approved in PIP-178.2M USD

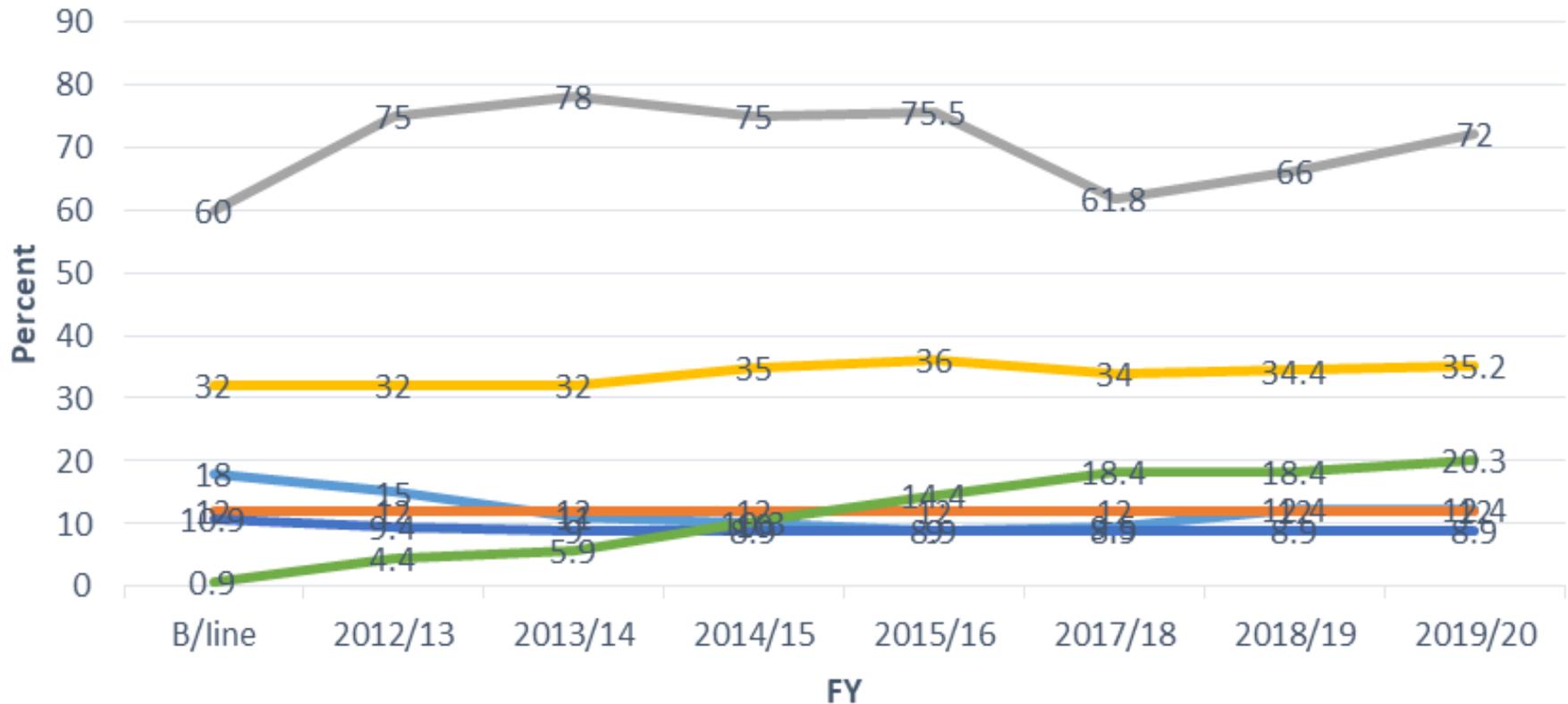


5. STATUS AND TRENDS OF KEY OUTCOME INDICATORS

Platinum Indicator	B/line	2012/13	2013/14	2014/15	2015/16	2017/18	2018/19	2019/20
<i>% national forest cover</i>	18	15	11	10	9.0	9.5	12.4	12.4
<i>% national forest under strict nature reserve</i>	12	12	12	12	12	12	12	12
<i>% seeding survival for 3 years</i>	60	75	78	75	75.5	61.8	66	72
<i>% forest reserves with Mgmt plan</i>	32	32	32	35	36	34	34.4	35.2
<i>% national wetland coverage</i>	10.9	9.4	9.0	8.9	8.9	8.9	8.9	8.9
<i>% wetland area with Mgmt plan</i>	0.9	4.4	5.9	10.3	14.4	18.4	18.4	18.7

TRENDS IN ENR PLATINUM INDICATORS OVER THE YEARS

Trends in platinum indicators over the years



— % national forest cover

— % national forest under strict nature reserve

— % seeding survival for 3 years

— % forest reserves with Mgmt plan

— % national wetland coverage

— % wetland area with Mgmt plan

5. What have not been Achieved

2. Policy, Legal and Institutional Framework

- Specific guideline for the mainstreaming of ENR into Agriculture, Land, Energy and Infrastructure and the training of the sector stakeholders in the application of the g/lines.
- Cabinet Memos for the submission of Wetlands Policy and Bill, Forestry Policy and the Act.
- Approval of the Cabinet Memo on National Wetland Restoration.
- Approval of Draft Cabinet Memo on Eucalyptus and drying of wetlands and Draft Cabinet Memo on the National Massive tree growing.
- The integration of the Mountain strategy in the District Development Plans of 8 mountainous districts.
- Dissemination of the Charcoal value chain guidelines.

6. CHALLENGES AND WAYFORWARD

- ❑ **Continuous encroachment, occupation and issuance of titles in ENRs**
- ✓ Increase investment in re-opening, demarcating, maintaining and patrolling boundaries and restoration efforts
- ✓ Strengthen political and technical oversight of District Development Committees, District Environment Committees and District Land Boards
- ✓ Increase EPPU staffing from 186 to 350 medium term and to reach the approved 600 force
- ✓ Increase support for developing alternative livelihood options for ENR adjacent communities



6. CHALLENGES AND WAYFORWARD

- ❑ Matching restoration with high degradation rate which is 67 times for wetland and 29 times for forest
- ✓ Need to increase on funding to LGs for restoration effort and also prepare a separate project for restoration and also develop realistic annual targets for reforestation and wetland restoration based on actual budgets.
- ❑ Minimum transparency in EIA processes resulting into continued approval of projects in ENRs and inadequate follow up of approved conditions.
- ✓ Approval of EIAs should not be left to one institution but a team comprising of relevant stakeholders and adequate follow up undertaken.
- ❑ Impunity and open resistance by some illegal wetland users utilizing the wetlands.

7. Key opportunity

- ❑ Make use of the current high level political support and the Land Inquiry Commission to cancel titles issued in wetlands and forest reserves.
- ❑ Ensure Wetlands and Forestry Policies and the Acts review addresses all mandates overlaps and sufficient penalty to address non compliance.
- ❑ Make use of the current Climate change funding window (Adaptation fund and GCF) to develop projects for restoration of ENRs.
- ❑ Make use of the willing land owners with wetland section who want to hand over wetlands to GoU are compensated.
- ❑ Make use of the willing community and private forest owners who want to gazette their forest are fast tracked.
- ❑ Make use of the new LGs who do not approve the quest for degazettement of FRs within their jurisdiction are supported.

8. Planned outputs for FY2020/21

1. Promotion of Knowledge of ENRs

- ❖ Prepare and follow up 03 Cabinet information papers for the WWD, WFD, WED 2021 and organize the conservation days
- ❖ Follow up for the approval of 02 Cabinet Information papers on Ramsar Center for Eastern and the National Tree planting 2021
- ❖ Develop CEPA for GCF wetland project
- ❖ Conduct quarterly radio and TV talk shows
- ❖ Follow up the gazettelement of the Massive National tree planting day and the launch-April 2021

8. Planned outputs for FY2020/21

2. Policy, Legal and Institutional framework

- ✓ Finalize Cabinet Memos for the submission of Wetlands Policy and Bill, Forestry Policy and the Act.
- ✓ Finalize specific guidelines for mainstreaming ENR issues into the 4 high impact sectors of Agriculture, Land, Energy, Infrastructures by 2020-2021.
- ✓ Finalize the Strategic plan for Environmental Mgmt-DESSS
- ✓ Participate in 04 International and regional ENR fora-Oct, Dec, 2020 and March 2021, May 2021

8. Planned outputs for FY2020/21

3. Coordination, Monitoring and Supervision

- ❑ Establish the ENR LG Monitoring and Supervision Team and conduct regular ENR joint monitoring, supervision and reporting on all the 135 LGs for compliance to policies, regulations, guidelines and ESIA conditions.
- ❑ Undertake joint inspection, monitoring for compliance to ENR policies and ESIA conditions in the 12 DLGs in the oil graben where on oil exploration and development being undertaken.



8. Planned outputs for FY2020/21

3. Compliance Monitoring and Enforcement

- ✓ Conduct joint compliance monitoring, inspection, enforcement and reporting in all the 135 DLGs.
- ✓ Implement to completion, HE directive to remove people away from wetlands, river banks, lakeshores and forest reserves and restore the integrity



8. Planned outputs for FY2020/21

4. Restoration and protection of degraded ENRs.

- ❖ 700km of the boundary of wetlands demarcated and marked with pillars countrywide
 - ❖ 50Km of River Nile buffer zone demarcated with pillars.
 - ❖ 16,500ha of degraded section of wetland restored country wide
 - ❖ 16,500ha of restored wetlands protected under approved Management plans and implemented.
 - ❖ 11,966ha of degraded section of Forest Reserves restored and maintained under CFM regimes.
 - ❖ 40ha of degraded section of River Nile and Mabira CFR restored.
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- A dark silhouette of a mountain range is positioned at the bottom of the slide, spanning the width of the page. The mountains are rendered in a dark grey or black color against the green background.

Planned outputs for FY2020/21

5. Resources for DEA outputs Mobilized

- **Finalize the following pipeline projects:**
 - ✓ **Strengthening ENR District Local Government Support Project Proposal- DESS**
 - ✓ **National Forestry Restoration and Development project proposal-FSSD**
 - ✓ **Ramsar site wetland Mgmt project proposal-WMD**
 - ✓ **Mitigating Lake Victoria rising water levels through restoration of the L. Victoria basin-DESS.**
 - ✓ **Strengthening the productivity of Elgon and Rwenzori mountains and the resilience of communities for sustainable development project-DESS**
 - ✓ **Building wood processing industries and re-introduction of forest-products chain of custody project-FSSD**

8. Conclusion

- The performance of DEA has moderately increased during the reporting period due to limitation in funding and staffing. However with the de-concentration of the directorate and operationalization of the on-going and pipeline projects more will be achieved especially in area of monitoring, supervision and coordination of LGs and physical restoration efforts.



Thanks

