PROGRESS, CHALLENGES AND LESSONS LEARNED IN THE IMPLEMENTATION OF AN INTEGRATED MRV FRAMEWORK - KENYA EXPERIENCE

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Background - Climate Change Governance Kenya

- National Climate Change Council (apex decision making body)
- Climate Change affairs is coordinated by the Ministry of Environment and Forestry through the Climate Change Directorate.
- 47 constitutionally autonomous County Governments,
- County Executive Committee (CEC) member coordinate climate change affairs in the County
- Private Sector reporting framework established
ENABLING POLICY & LEGAL FRAMEWORK

Global Context
- United Nations Framework Convention on Climate Change (UNFCCC) 1992
- The Kyoto Protocol (1997)

National Context
- Constitution of Kenya
- Climate Change Framework Policy
- Climate Change Act (CCA) 2016
- Climate Finance Policy
- Sector specific Policies and Legislation e.g. National Disaster Risk Management Policy (2017), Water Act (2016) etc

Strategies and Plans
- National Climate Change Action Plan, 2018 -2022
- Nationally Determined Contribution (NDC)
- County Integrated Development Plans
- Sectoral Plans
In the context of NDC implementation and according to the National Climate Change Action Plan (NCCAP) 2018-2022, Kenya’s MRV/transparency system should entail the process by which the following will be tracked and reported at the national and international levels:

1. The implementation and impacts of mitigation actions, including the national GHG inventory to enable tracking of progress on implementing and achieving the mitigation component of the NDC.

2. The implementation and impacts of adaptation actions, including information related to climate change impacts, vulnerabilities and adaptation.

3. The external support needed and received (finance) towards these actions, including information on financial, technology development and transfer, and capacity building needs and support received from developed countries. Such support could be financial, technology transfer or capacity building.
<table>
<thead>
<tr>
<th>Challenges</th>
<th>Needs</th>
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<tbody>
<tr>
<td>Lack of an overall framework for MRV system/Complex MRV systems proposed in the NCCAP, there is need to have an integrated and simplified reporting and verification system</td>
<td>Need for a simple and integrated MRV framework</td>
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<td>There is danger of people working in segregation without a harmonized output/Varied types of data across different actors</td>
<td>• Guidelines for reporting and harmonized outputs • Standardized form of activity data collection and reporting instruments across all sectors</td>
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<td>Low level of capacity (expertise, technology, equipment) within sectors to undertake the MRV work</td>
<td>Strengthened capacity to undertake MRV in the country Need for robust and coordinated MRV capacity building plan</td>
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<td>Unavailability of Data and uncoordinated data sharing mechanisms</td>
<td>Data Collection Systems to ensure data availability Data quality control and assurance protocols</td>
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<td>Limited funding for reporting requirements by the Government</td>
<td>Establishment of institutional frameworks at both national and county level that with adequate funding for mandate</td>
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<td>Lack of a subsidiary legislation for reporting under the Climate Change Act, 2016 to guide on reporting</td>
<td>Legislative framework required for mainstreamed reporting</td>
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<tr>
<td>Activity</td>
<td>Sectors</td>
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<td>---------------------------------------------------</td>
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<tr>
<td>Third GHG Inventory</td>
<td>Energy IPPU AFOLU WASTE</td>
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<tr>
<td>First Progress Report of the NCCAP 2018 -2022</td>
<td>Seven Priority Areas of the National Climate Change Action Plan</td>
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<td>Adaptation Indicators</td>
<td>All Adaptation sectors</td>
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<td>Gender Responsive Indicators</td>
<td>All Sectors - NCCAP</td>
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<tr>
<td>Budget Coding</td>
<td>Finance</td>
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<td>Climate Public Expenditure and Budget Review</td>
<td>Finance</td>
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<tr>
<td>Mainstreaming of Climate Change reporting - MTEF</td>
<td>All Sectors under the MTF</td>
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<td>SDG reporting- VNR</td>
<td>All Sectors</td>
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<td>System for Land-based Emissions Estimation in Kenya(SLEEK)</td>
<td>Forestry and Land Use</td>
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# Elements of Kenya’s Integrated MRV Framework

## Integrated National MRV Framework

<table>
<thead>
<tr>
<th>Component 1: National GHG Inventory</th>
<th>Component 2: NDC Implementation/ Mitigation Actions</th>
<th>Component 3: NDC Adaptation Actions</th>
<th>Component 4: Climate Finance Flow</th>
<th>Component 5: Sustainable Development Goals (SDGs)</th>
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</thead>
<tbody>
<tr>
<td>GHG emission sectors</td>
<td>NDC implementation roadmap - Priority mitigation actions</td>
<td>NDC implementation roadmap - Priority Adaptation actions</td>
<td>Climate finance for NDC implementation actions</td>
<td>SDGs mapping and Monitoring</td>
</tr>
<tr>
<td>Monitoring and data collection</td>
<td>Tracking mitigation actions</td>
<td>Tracking NDC adaptation actions</td>
<td>Finance &amp; resources deployment schedule</td>
<td>Data for SDGs impact monitoring</td>
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<tr>
<td>GHG emission calculation</td>
<td>Monitoring and reporting</td>
<td>Monitoring and reporting</td>
<td>Monitoring and reporting</td>
<td>Review and analysis</td>
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<td>Analysis and reporting</td>
<td>Results and communication</td>
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<td>Results and communication</td>
<td>SDGs Impact Reporting</td>
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Integrated MRV Report, NDC Report (National GHG Inventory Report (NIR), National Communications (NC), Biennial reports (BR) and Biennial Update Reports (BUR), International Financial & Technical Support
Structure of Kenya’s Integrated MRV Tool

**Input**
- GHG Emissions and Activity Data
- NDC Mitigation Action and Activity Data
- NDC Adaptation Action and Activity Data
- NDC Action Climate Finance Data
- NDC Action SDG Impact Data

**Process**
- Online Data Hub
- Central Repository Database/IT Interface

**Output**
- National GHG Inventory Analysis
- NDC Action GHG Emissions Analysis
- NDC Action Adaptation Analysis
- NDC Action Climate Finance Tracking
- NDC Action SDG Impact Analysis

**Reports**
- National GHG Inventory Report
- Mitigation Action GHG Tracking Report
- Adaptation Action Impact Tracking Report
- Climate Finance and Support Report
- SDG Impact and Tracking Report
- Integrated MRV Report
Successes/Lessons Learned

1. Kenya’s GHG inventory for its third national communication was prepared via a ‘learning by doing’ approach- this has **strengthened the local capacities** for sustainable GHG inventory development

2. **Creating linkages** - where the GHG sector teams continue to participate in the development of the fourth national communication inventory.

3. **Continuous Training of personnel.**

4. Bring everybody to the table – MRV is an **inclusive process**

5. **Develop strong coordination mechanisms**

6. **Policy/ Legislative framework**
Yvonne Nyokabi
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