Outcomes of the Science and Technical Committee
Work programme of the Science-Policy Interface for the biennium 2018–2019

• (a) Refined guidance for implementation of land degradation neutrality
• (b) Guidance to support the adoption and implementation of land-based interventions for drought management and mitigation, under objective 2;
Estimation of SOC in context of LDN planning and monitoring

- Harmonized accurate estimations of changes in SOC stocks resulting from SLM interventions.
- i) identify suitable and region-specific SLM practices and approaches to maintain or enhance SOC stocks,
- ii) estimate and monitor SOC for LU planning and for monitoring LDN.
- iii) A comparative list of tools and models for SOC assessment and selection for SLM approaches and technologies,
- iv) Approaches for monitoring changes in SOC stocks from local to national scales.
Estimation of SOC in context of LDN planning and monitoring

Policy briefs

• Focus SOC measurement on sites where SOC is the key Indicator

• Use national/local data and local expertise

• Combine measurement and tools/models for SOC assessment

• Use SOC estimation tools to choose appropriate SLM practices

• Encourage gender-responsive actions

• Target application of SLM practices

• Assess co-benefits and trade-offs between ecosystem services provided by land,
An enabling environment for LDN and contribution to enhance livelihood and the environment

- Provides key messages and policy options for LDN planning
- SLM
- Environment benefits
- Well-being
- Sustainable livelihoods
An enabling environment for LDN & contribution to enhance livelihood & the environment

Policy briefs

• Mainstreaming LDN targets
• Finance and capacity development needs
• Land tenure and land use planning conditions
• Account for private actors in land governance
• Science-policy aspects aimed at raising awareness and understanding of LDN
• Engage in achieving environmental, social and economic
• benefits in the context of LDN
Guidance on land-based interventions for drought management and mitigation

• Linkages between land use, drought and water
• Drought-smart land management (D-SLM)
• Indicators:
  Simple drought hazard indicator
    – Trends in the proportion of drought affected land
  Simple drought exposure indicator
    – Trends in the proportion of the population exposed to drought
  Comprehensive drought vulnerability indicator
    – Trends in the degree of drought vulnerability
• Relevant approaches and practices
• Guidance for enhancing five enablers
• The need for vulnerability and risk assessments
Guidance on land-based interventions for drought management and mitigation

Policy brief
Provide incentives via:
• Landscape approach,
• Capacity development,
• Good land, and water governance,
• Geospatial analysis, and
• Finance.