

# National Policies and Biofuels Sector Development in Sub-Saharan Africa

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## Structure of the report

- 1.0. **Introduction**
- 1.1. Background to the project
- 1.2. The case for biofuels development in Africa
- 1.3. The contribution of the paper
- 1.4. Organization of the report
- 2.0. **Objectives of the Work Package/Policy review**
- 2.1 Primary objective of the work package
- 2.2 Scope of policy review
- 2.3. Study approach and activities undertaken
- 2.3.1. The process
- 2.3.2. Policies reviewed
- 2.2.3 Expected deliverables
- 2.3. Main challenges
- 2.4 Study limitations
- 3.0 **Review of biofuel initiatives across countries**

Under this sub-heading, the paper will discuss progress in biofuel programs being implemented in different countries.

- (a) Which are the most promising initiatives across countries?
- (b) Who is involved in the implementation of the initiatives including sources of funding?
- (c) What is the role of state, private sector, farmers or farmer organizations or local communities?
- (d) To what extent have the initiatives improved or deprived rural livelihood especially by the vulnerable groups such as the landless, female-headed rural households?
- (e) What are the supporting institutions/mechanisms/policies for the biofuel development?

- (f) What are the comparative advantages for each country with regard to biofuels production?
- (g) What lessons can we draw in designing similar interventions in other countries?

#### **4.0 Policies and incentives for national bioenergy development**

This section will present a systematic assessment of different policies comparing policy similarities, differences, and gaps. The assessment will be presented in sub-heading as follows:

- 4.1. National development frameworks (e.g. National Poverty Reduction Papers) and biofuels sector: what are the similarities, differences and gaps across countries?
- 4.2. Synergies and/or tradeoffs between bio-energy and agricultural production systems
- 4.3. National trade policies in relation to bio-energy/biofuel production and consumption
- 4.4. Land-use, agricultural and energy policies in relation to biofuel production
- 4.5. The relationship between bio-energy policies and sustainable environmental management (including water, land and forestry);
- 4.6. Summary and conclusions

#### **5.0 Impact of biofuel development in Sub-Saharan Africa**

This section will present findings from the impact of biofuel initiatives across countries presented in sub-headings as follows:

- 5.1. Bioenergy, national food security and rural livelihood policy initiatives and implications for gender equity;
- 5.2. Employment and poverty impact of bio-energy production
- 5.3. Biofuels and national food security and rural livelihood initiatives and implications for gender equity;
- 5.4. Impact of biofuels production (including liquid biofuels) on domestic trade and energy prices;
- 5.5. Implications for poor smallholder farmers including women-headed farms of policies promoting biofuels;

#### **6.0 Opportunities and challenges for biofuels development in Africa**

- 6.1. Prospects for biofuels development in Africa
- 6.2. Harnessing the potential of biofuels development in Africa
  - 6.2.1. Sustainable production of biofuels-alternative feedstock for biofuels production
  - 6.2.2. Policy incentives for biofuels development (Sectoral and macro-economic policies, the role of science and technology, sustainable financing mechanisms, etc).

6.3 Summary and conclusions

7.0 References