**SUSTAINABLE ENERGY FORUM**

**(SEF TANZANIA)**



**Recommendations to the National Renewable Energy Strategy**

**At White Sands Hotel, Dar es Salaam**

***August, 2022***

**INPUTS PROVIDED BY CSO FOR INPUT INTO RENEWABLE ENERGY STRATEGY AND ACTION PLAN**

1. **Process**
2. The ministry to address the following

* To ensure stakeholders ownership- there should be mechanism for feedback and validation of the draft document prior to final version
* There should be an opportunity for CSOs to review and comments on various drafts of the strategy including the final version.

1. **Content of the Strategy:**
2. The national renewable energy strategy not to be limited to electricity alone but adopts broad based approach considering all different forms of renewable energy and uses – such as biofuels, e-mobility, e-cooking, solar heating, solar drying, etc.
3. The alignment of National Renewable Strategy with the on-going national charcoal strategy, national energy efficiency strategy and biomass energy strategy:

* The strategy to address other sectors apart from electricity such as biofuels
* Solid biomass is one among the major energy source for cooking used in Tanzania about 90%
* Efficient production and use of renewable energy- Efficient technology during transition period and throughout

1. The strategy should provide

* Roles of different stakeholders within the strategy development and implementation
  + The role of civil society within the strategy and its implementation

1. Undertake Capacity needs assessment for the government, private sectors, and CSO’s to identify and recommend relevant interventions for effective implementation of strategy, for example

* Issue on Local content - for example local organization capacity to undertake large projects feasibility study, construction, managing and operation.
* Local government authority should be trained on renewable energy development.
* Renewable energy should be mainstreamed in the education system (curriculum) all the way from Primary School to Higher Learning Institutions.
* Measures for promoting local production of renewable energy products – promoting domestic investments of renewable energy product/equipment.

1. Having a robust and practical monitoring and evaluation on periodic basis

* Baseline study and minimum target for each renewable energy source and technology
* Renewable energy resource assessment and associated challenges
* Renewable energy strategy target on contribution of realizing Tanzania energy need and how they are to be achieved/realistic targets

1. The strategy to highlight institutional implementation arrangement and timeframes

* Streamlining at local government level
* Establishing of inclusive steering committee to facilitate monitoring and implementation of the strategy.

1. Renewable energy market systems approach

* Market chain (actors, barriers)
* Enabling environment (policies, financing, cultural issues, land tenure, support services, etc.)

1. Innovative financing mechanisms for renewable energy

* Financial incentives- Opportunity for Central Bank (BOT) to guarantee commercial loans for renewable energy development projects in Tanzania
* Financing mechanism for private sector participation
* Opportunity for Renewable Energy fund – a need for dedicated financial window for renewable energy development
* Financial instruments – Green Bonds, Blue bonds, Carbon financing, GCF etc.

1. The strategy should stress for the following best practices:

* Consumer rights and protection (standards development for renewable energy products/technologies and compliance)
* Cooperation with international renewable energy sector
* Current and expected trend of growth of RE sector within Tanzania

1. The Renewable energy strategy to have sub-strategy that address each of the type of renewable energy source example solar energy strategy, wind energy strategy, geothermal strategy etc.
2. The strategy to provide roadmap and associated cost
3. Division of plan into short term, medium- and long-term plans
4. Factors needed for ensuring successful realization of strategy
5. The importance of having a transition period for adoption and change
6. Measures for local government to uptake energy projects initiated by CSO and other stakeholders to ensure sustainability
7. The strategy to consider, integrate and align global and regional renewable strategies with the national renewable energy strategy and action plan
8. Cross cutting issues to be considered:

* Gender considerations
* Environmental issues
* Climate change issues
* Poverty