



In Kenya, there is no law or policy that requires the use of fuel-efficient stoves or other means of reduced fuel wood consumption. It follows that the SSC-PoA is a voluntary action.

#### 4. Contribution to sustainable development

The proposed SSC-PoA contributes to the sustainable development of the Kenyan economy in a number of ways:

- i. Environmental
  - The PoA will significantly reduce Kenya's greenhouse gas emissions over its lifetime.
  - The PoA will reduce the use of non-renewable biomass from Kenyan forests, assisting the maintenance of existing forest stock, protecting natural forest ecosystems and wildlife habitats.
  - The protection of standing forests will ensure the maintenance of watersheds that regulate water table levels and prevent flash flooding.
- ii. Social
  - Less time will be spent collecting wood fuel, thereby reducing the work burden on rural families and presenting alternative opportunities for economic development.
  - The amount of indoor air pollutants from the burning of biomass in the home will be reduced. Less carbon dioxide, carbon monoxide, and particulates will be emitted.
- iii. Economic
  - The PoA will help develop a section of the Kenyan rural economy; in the manufacturing of the stoves, their installation, maintenance and monitoring.
  - Costs incurred in the purchase of fuel will be reduced through increased thermal efficiency.

The long-term contributions to sustainable development in Kenya, listed above, will not exist without carbon finance.