



# WHAT ARE THE BENEFITS OF BIOMASS?



## SAVE MONEY

Biomass is more efficient and cheaper than some fuels.

## BIODIVERSITY CONSERVATION

Firewood remains a primary source of energy used for heating and cooking in the rural areas of Georgia. Using sustainable biomass can change that and save forests, plants and animals for our children.



## LOW EMISSION



Using biomass instead of fossil fuels can reduce your carbon footprint. Biomass is considered a low carbon fuel as it recycles waste and absorbs CO<sub>2</sub> during the plant life cycle.

## ENERGY SECURITY

Georgia still depends on imports for its heat, power and transport fuels. Imported natural gas and oil currently account for 73% of our total primary energy supply. Shifting for renewable energy sources, such as biomass, can gradually transform the energy sector in Georgia, making it greener, stronger and more secure.



## REDUCE WASTE



Biomass is composed of organic materials, such as wood waste, vine pruning and agricultural crops. Using biomass reduces waste and landfill disposal.

## IMPROVE THE LOCAL ECONOMY

Producing and using biomass creates more jobs than any other form of fossil or renewable energy. Using biomass reduces the energy costs while the money spent on production stays in the local economy.



The United Nations Development Programme (UNDP) and Global Environment Facility (GEF) have been supporting the production of biomass in Georgia since 2013, in close cooperation with the Ministry of Environment and Natural Resources Protection of Georgia.

For more information:  
[www.ge.undp.org](http://www.ge.undp.org)  
[www.biomass.ge](http://www.biomass.ge)

