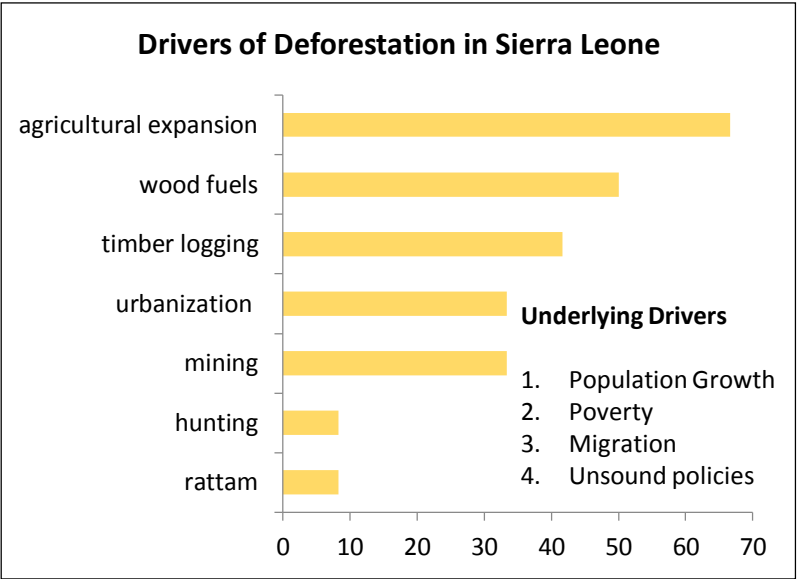


# BIODEV – Building biocarbon and rural development in West Africa

## EXPERTS' ASSESSMENT ON WOOD FUELS IN SIERRA LEONE

### Info Card



**Table 1.** Updated key information related to Energy in Sierra Leone

	Amount	(Year; Source)	Ann. change%	(Year; Source)
Population	6,316,000	(2014; WB 2016)	+ 2.2	(2014; WB 2016)
Urbanisation rate (%)	39,6	(2014; DESA 2014)	+ 2.75	(2010-2015; DESA 2014)
Energy Consumption (toe)	1,464,940	(2011; UNDP 2012)	+ 1.7	(2006-2011; UNDP 2012)
GNI per cap (US \$)	700	(2014; WB 2016)	+ 13.3	(2011-2014; WB 2016)
Woodfuel production (m³)	5,749,270	(2014; FAOSTAT 2015)	+ 0.8	(2011-2014; FAOSTAT 2015)
Charcoal production (tonnes)	421,577	(2014; FAOSTAT 2015)	+ 2.5	(2011-2014; FAOSTAT 2015)

## BIODEV

The development goal of the program is to achieve sustainable rural development with long term livelihood and environmental benefits to rural populations and the global community under climate change through high value biocarbon approaches in West Africa.

University of Eastern Finland is coordinating WP 1.4 to improve fuel wood use efficiency and develop sustainable wood energy systems in Burkina Faso and Sierra Leone.

### HIGH VALUE BIOCARBON DEVELOPMENT

Building biological or natural carbon through improved agroforestry and forestry management and tree planting, which are used to derive a broad range of development and environmental outcomes.

### Methodology:

Literature review on relevant information connected to Energy in Sierra Leone (Table 1).

17 in-depth interviews to energy experts in the country. Most relevant information is summarized here.



**Table 2.** Categorized recommendations for wood fuels governance improvement in Sierra Leone (as cited by local experts)

**Alleviate rural poverty:** intensification of agriculture; swamps interventions for production (i.e. rice); promotion of agro forestry, development of policies to promote rural jobs

**Improve natural resource management governance:** community empowerment; changes in regulations; improve monitoring and fight corruption; improve regional and national cooperation

**Invest in resources:** training of stakeholders on SFM; promote scientific studies and capacity; address material needs

**Increase sustainable wood fuel production:** Implementation and proper management of wood lots, revise current forest management; national forest inventory

**Energy efficiency:** comprehensive energy plan, improve charcoal conversion technique; promotion of Improved Cook Stoves and studies on their adoption

**Alternative energies:** LPG and solar promotion; regional energy strategy; subsidies for alternative energies

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