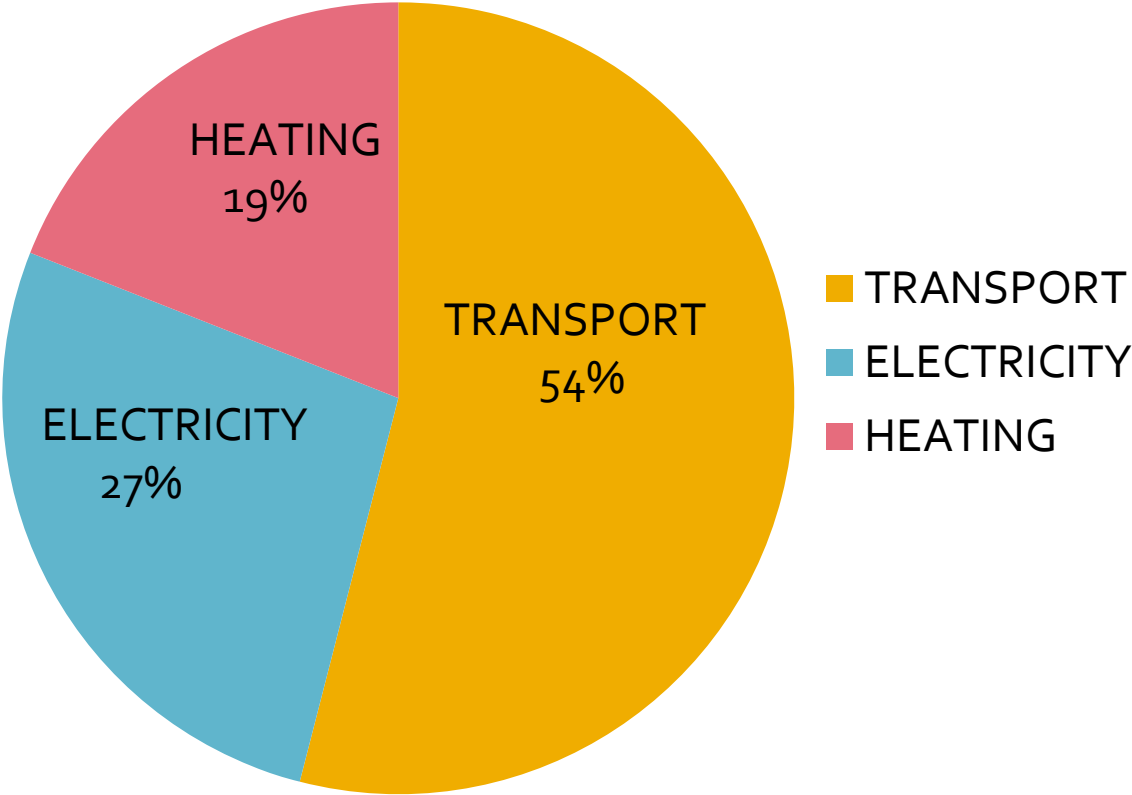


**C. ADVANCE THE DEVELOPMENT AND USE OF NEW AND RENEWABLE SOURCES OF ENERGY IN SAMOA**

**THE SAMOA ENERGY SECTOR PLAN 2012 – 2016**



# SAMOA NATIONAL ENERGY POLICY 2007

1. To increase the share of mass production from renewable sources to 20% by year 2030.
2. To increase the contribution of Renewable Energy to energy services and supply to 20% by year 2030.

# THE GUIDING THEME

## 'Sustainable Energy Supply Towards Energy Self Sufficiency'

### Highlights the Government of Samoa's commitment to;

1. Reducing reliance on fossil fuels, and
2. Develop sustainable renewable energy sources.

### Targets;

1. Increase in the contribution of Renewable Energy consumption by 10% by 2016, and
2. Increase in the supply of Renewable Energy for energy services by 10% by 2016.

# RENEWABLE ENERGY SOURCES

1. HYDRO - Electricity (30%)
2. SOLAR - Electricity (<1%)
3. WIND - Electricity (positive data)
4. BIODIESEL - Transport (Trial)

# RENEWABLE ENERGY PROJECTS ELECTRICITY SECTOR

## SOLAR POWER;

- 400 KW - PEC Aid (March 2014)
- 2.0 MW - New Zealand Aid (Sept 2014)
- 4.0 MW - IPP (June 2015)
- Total = 6.4 MW (41.8% of Peak Load)
- Peak = 21.8 MW (including hydro)
- Peak = 15.3 MW (excluding hydro)