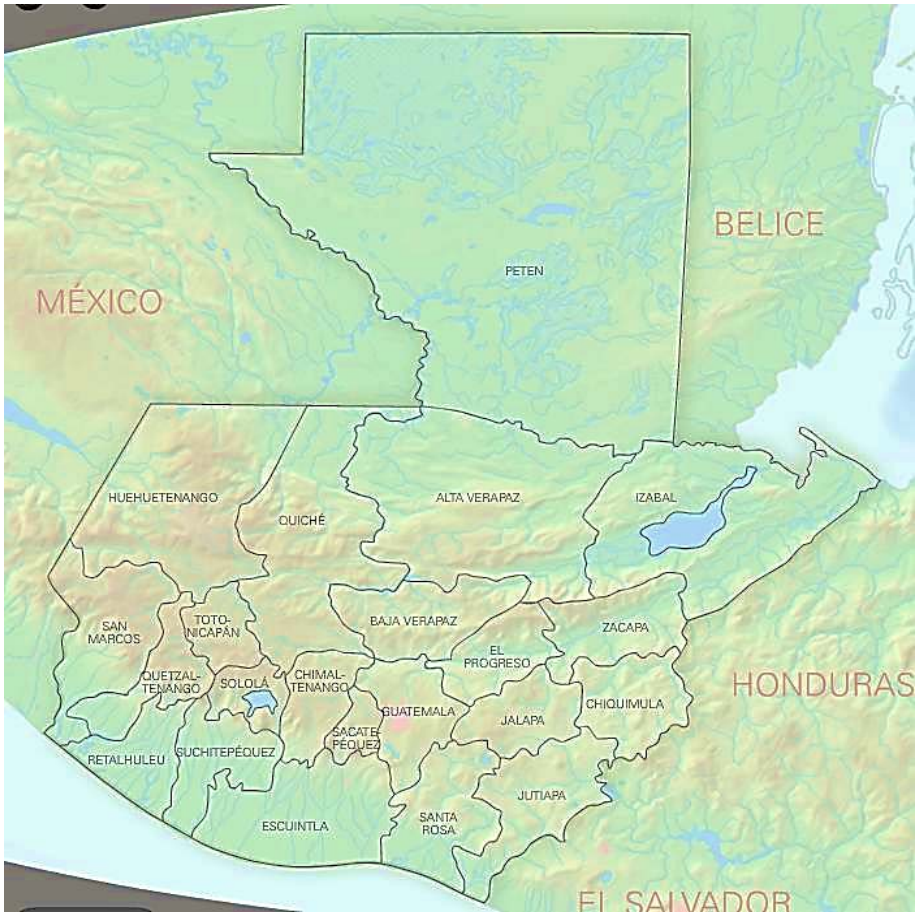
BIOCOMBUSTIBLES GUATEMALA

Ministerio de Energía y Minas

4th. International Conference on Boifuels Standards.

13 de Noviembre de 2012

REPÚBLICA DE GUATEMALA



- **CAPITAL:**
  - Guatemala
- **EXTENSIÓN TERRITORIAL:**
  - 108.889 Km^2
- **POBLACIÓN:**
  - 14.713.763 habitantes (proyectado 2011)
- **IDIOMA OFICIAL:**
  - Español
- **MONEDA:**
  - El Quetzal
- **TIPO DE CAMBIO:**
  - US$ 1,00 = Q 7.92

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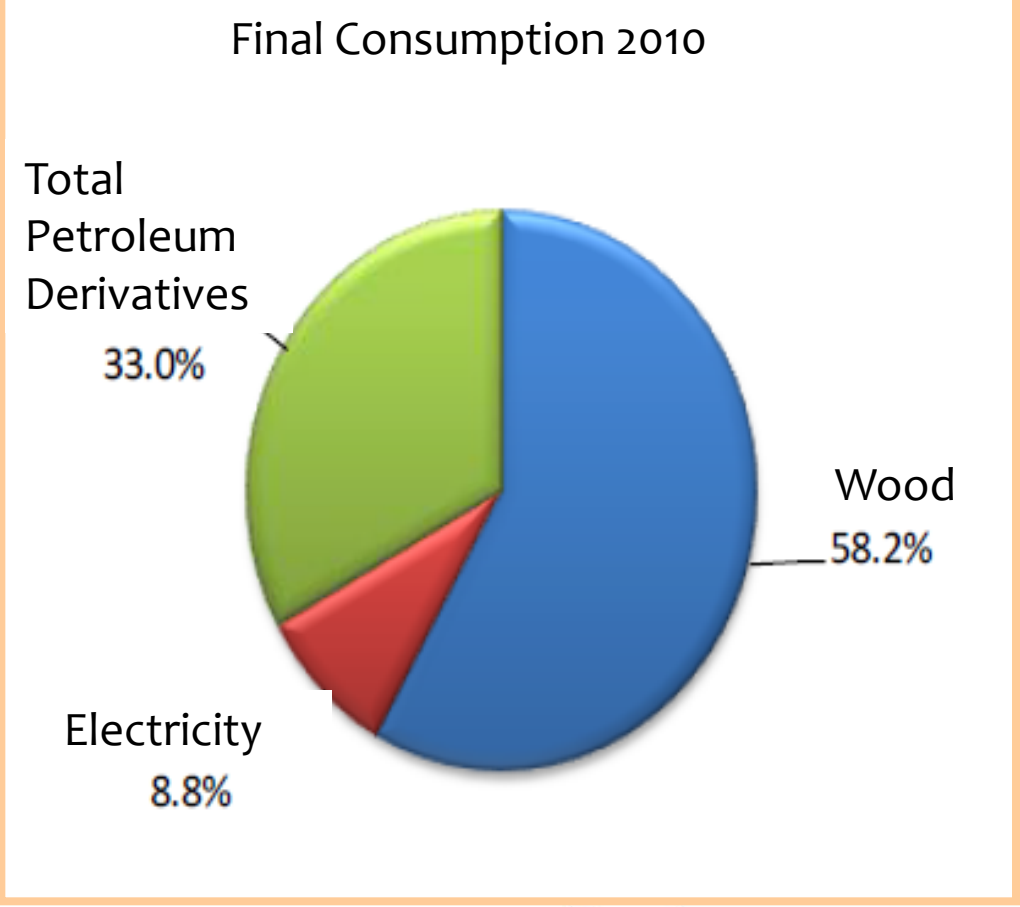
Energy Sector Characteristics

- The main sources of energy in Guatemala include:
  - Mineral Carbon
  - Hidroenergy
  - Geoenergy
  - Wood
  - Sugarcane bagasse (Biomass)
  - Petroleum derivatives
    - Petroleum Liquid Gas (PLG)
    - Gasoline 11.4%
    - Diesel Oil 14.6%
    - Kerosene
    - Fuel Oil
    - Petcoke

    } 7%



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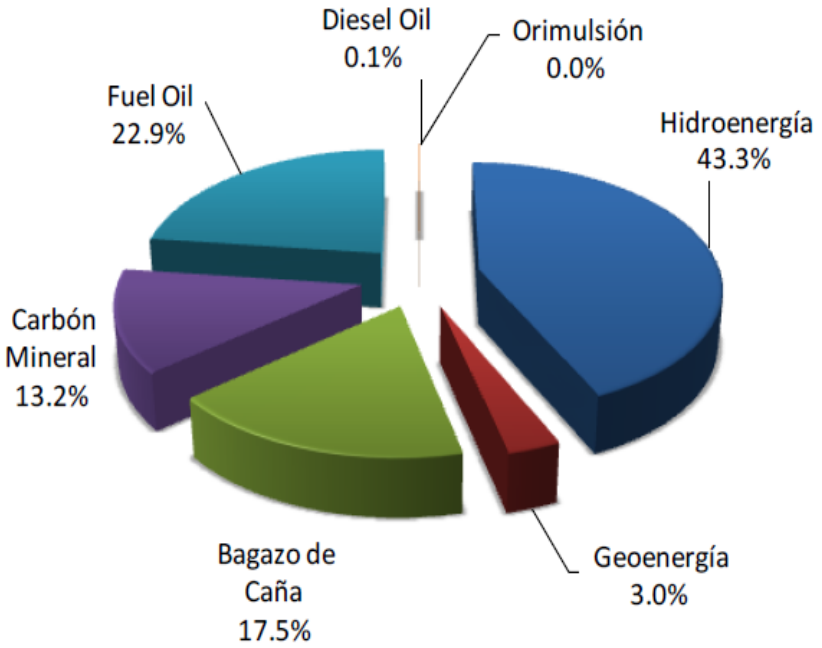
ENERGÍA ELÉCTRICA

Total generado 8,893.0 GWh

Hidroenergía	3,849.1
Geoenería	271
Bagazo de caña	1,558.1
Carbón Mineral	1169.9
Fuel Oli	2,039.3
Diesel oil	5.6

Generación x tipo de combustible 2010



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Current Status

ETHANOL

- Law of Fuel Alcohol,
- Decree 17-85 and a destilery
- was installed as part of pilot plan for use of "gasohol"
- Industry established, with exapnsion capacity.

BIODIESEL

- Incipient, but in development.
- There are current efforts focused on the use of recycled oils (self-consumption)
- Research is being carried out on sweet sorgo.
- Currently, there are no regulations for the commercialization of biodiesel in Guatemala.

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Conclusions

- Guatemala is aware of the importance of the combined use of renewable sources of energy and petroleum based fuels.

- Guatemala is searching for an effective way of introducing the use of biofuels in order to reconcile legal, economical and social aspects corresponding to its reality as a Country.

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MUCHAS GRACIAS POR SU ATENCIÓN

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