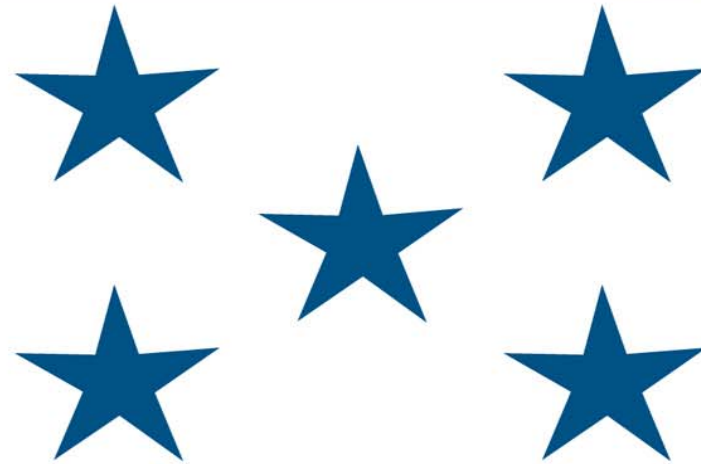


Honduran Energy, *Policy to 2030*



Energy Policy Seminar

Tokyo - June 4, 2013

Content



General Information



Sector Structure



End Use of Energy



Areas of Interest



Energy Policy

- Objectives
- Methodology – LEAP Model
- Strategic Actions

General Information And Location

Inhabitants:
8,100,000

Area:
112,419 km²

**Political
Organization:**
18 Provinces



Republic of Honduras

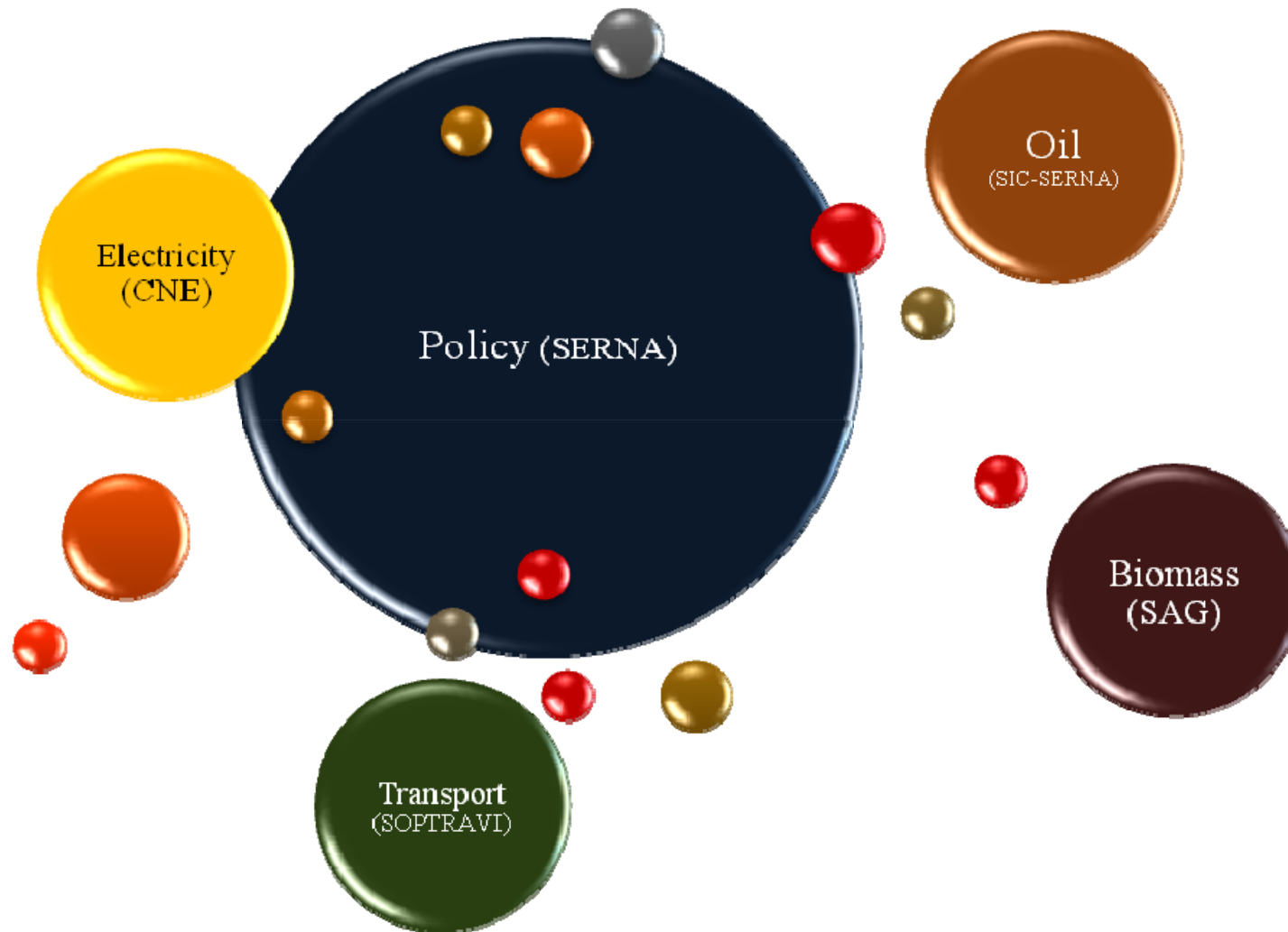
Republic of Honduras



Sector Structure

Sector Structure

Policy and Regulation

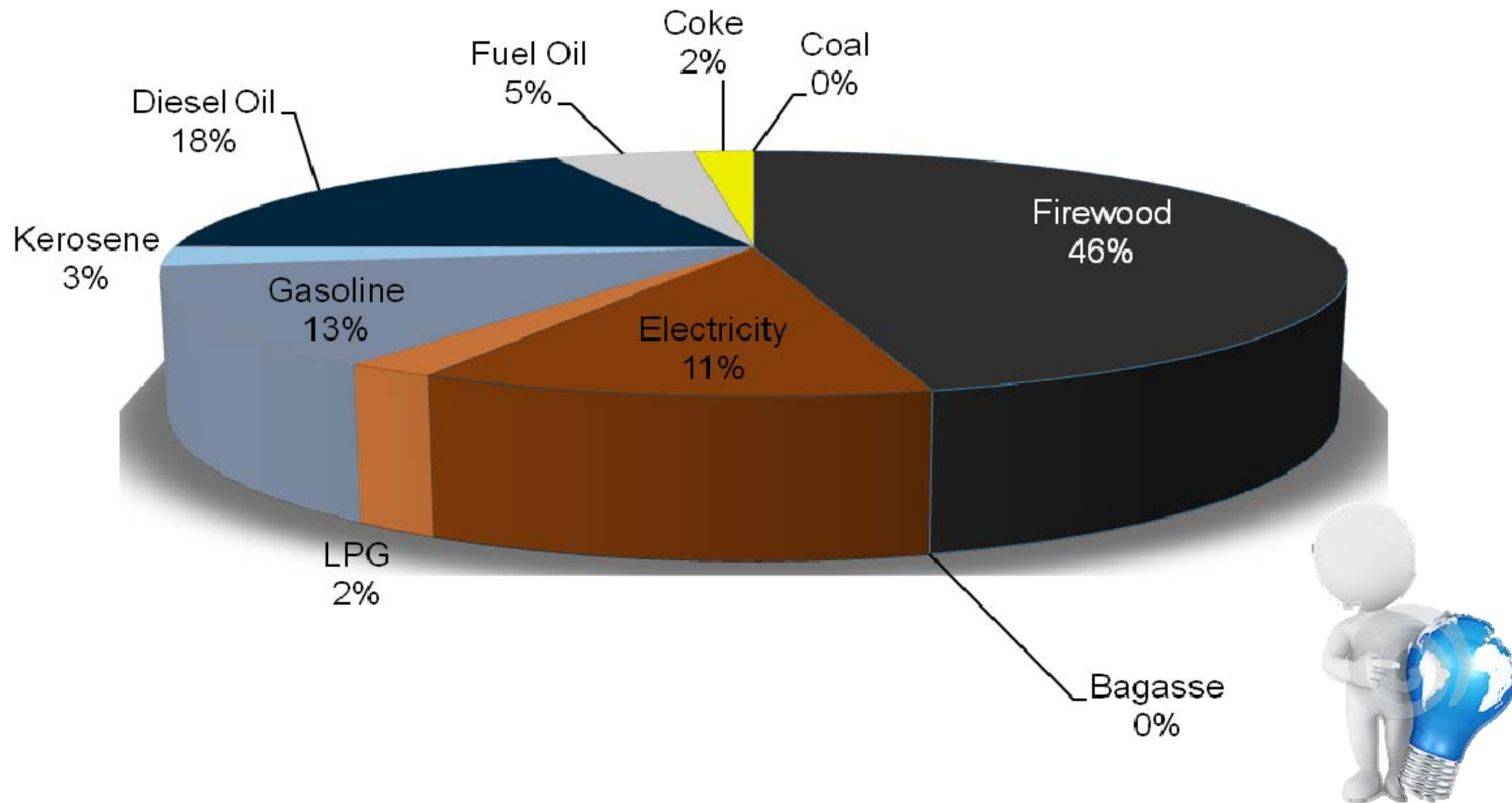


Republic of Honduras



End Use of Energy

End Use of Energy - 2010

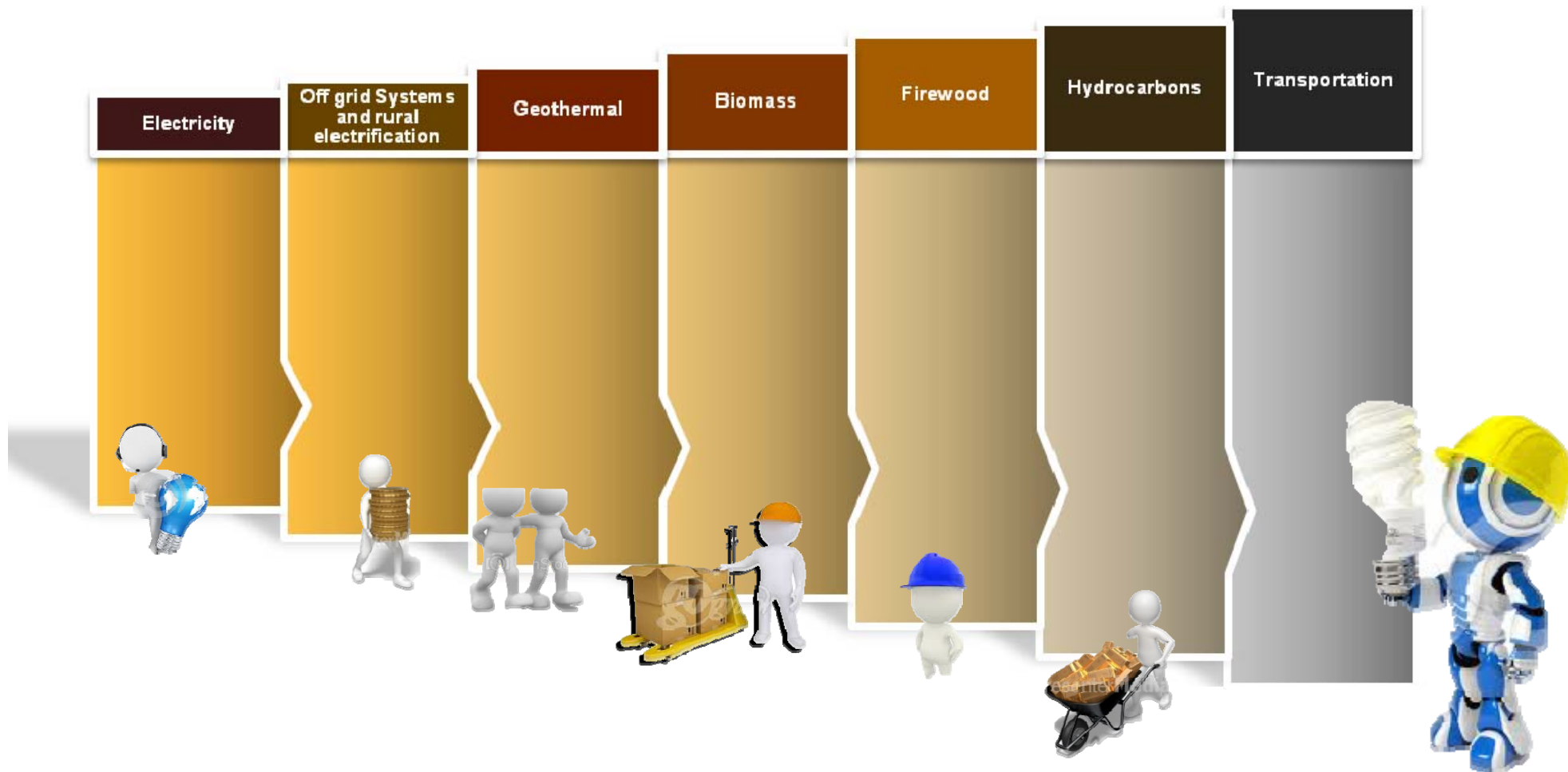


Republic of Honduras

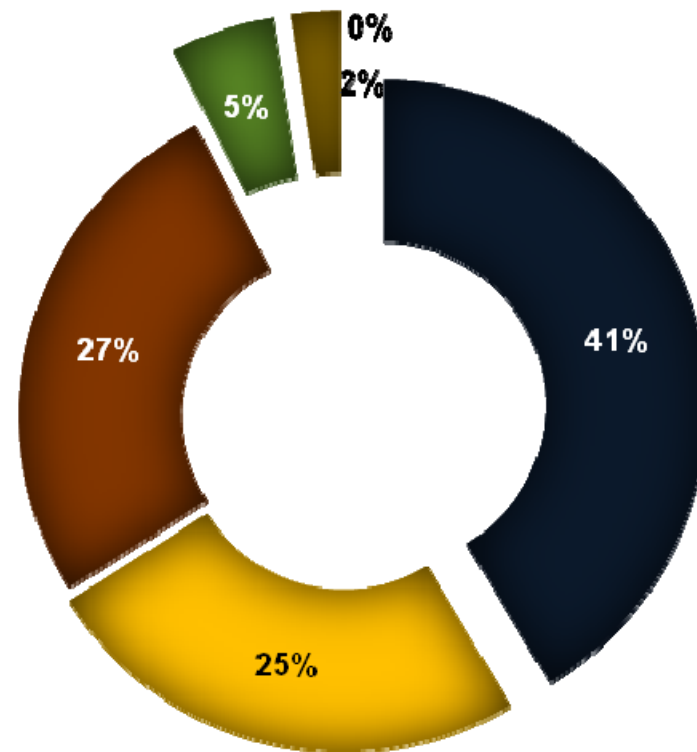


Areas of Interest

Areas of Interest



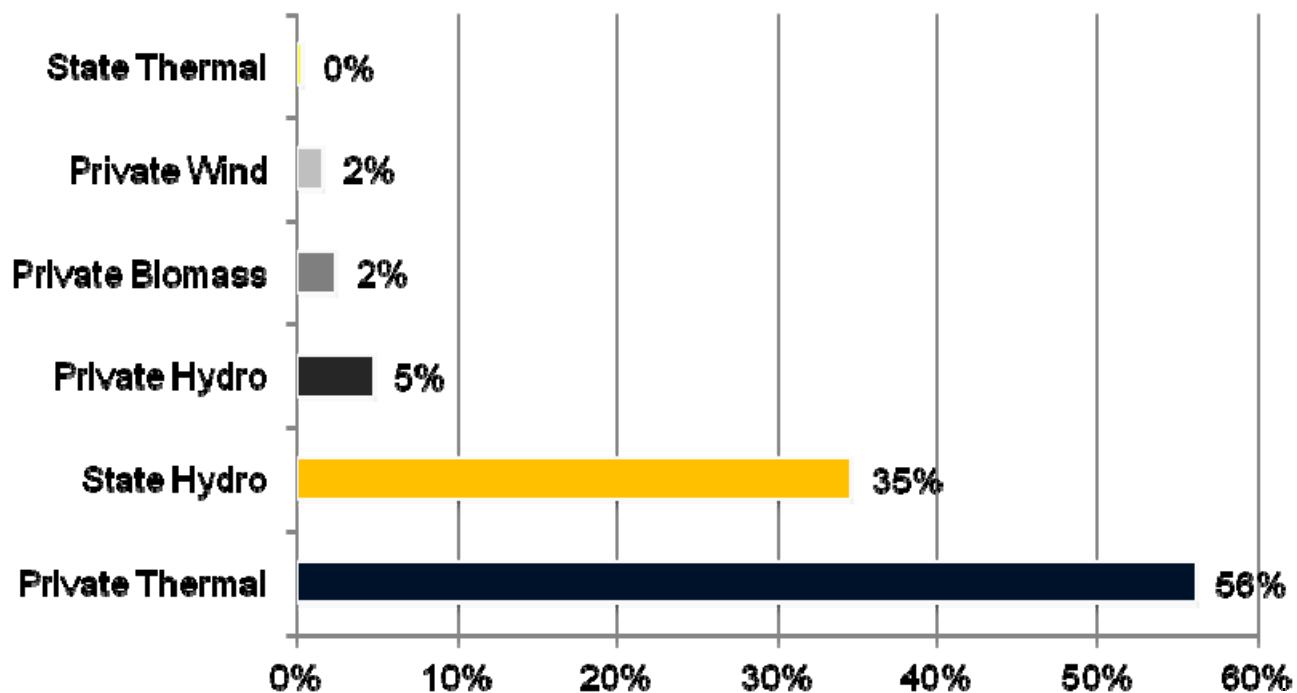
Electricity Use



- Domestic
- Commercial
- Industrial
- Gubernment
- Public Lighting
- Internacional

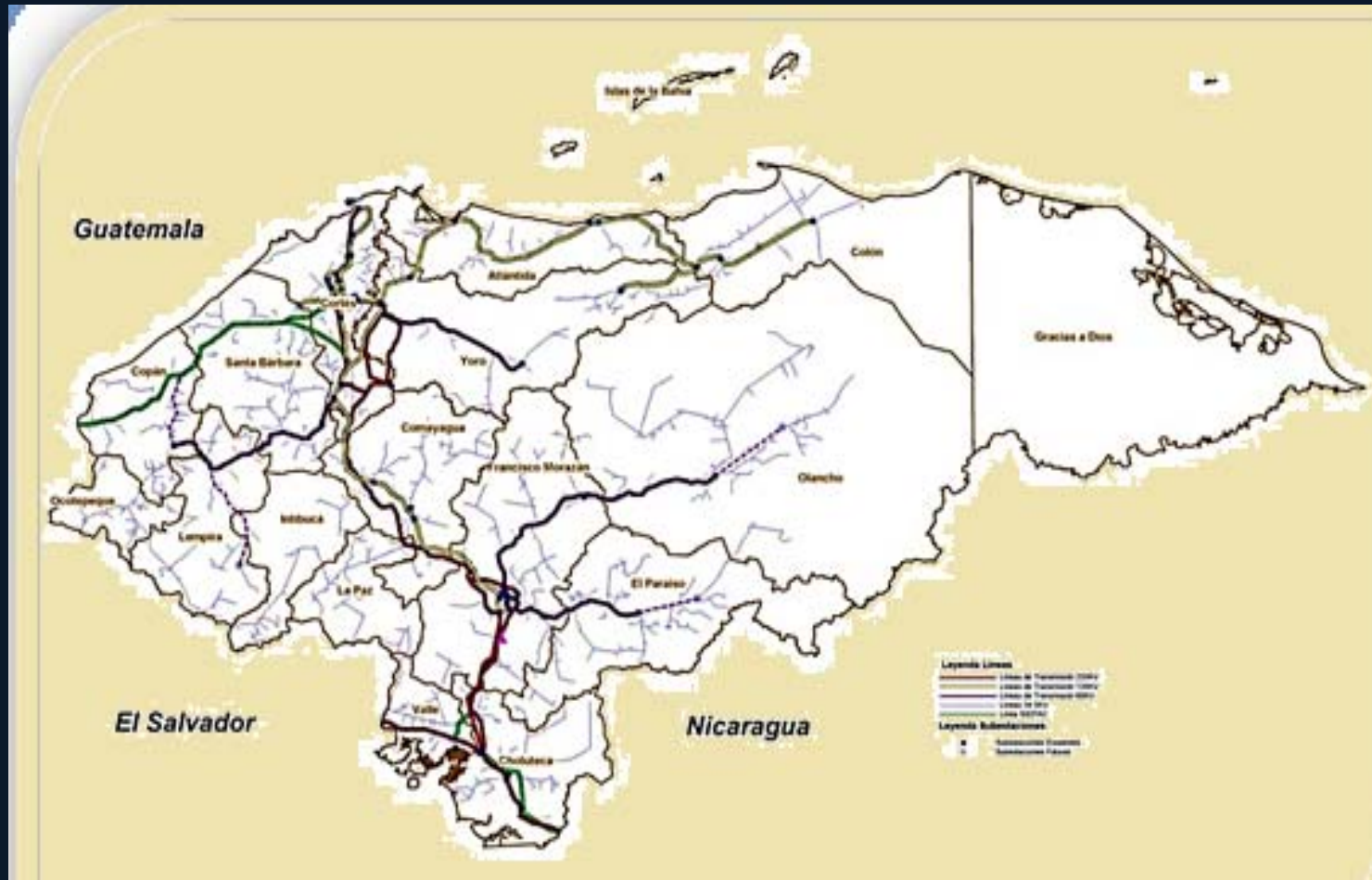


Electricity Production

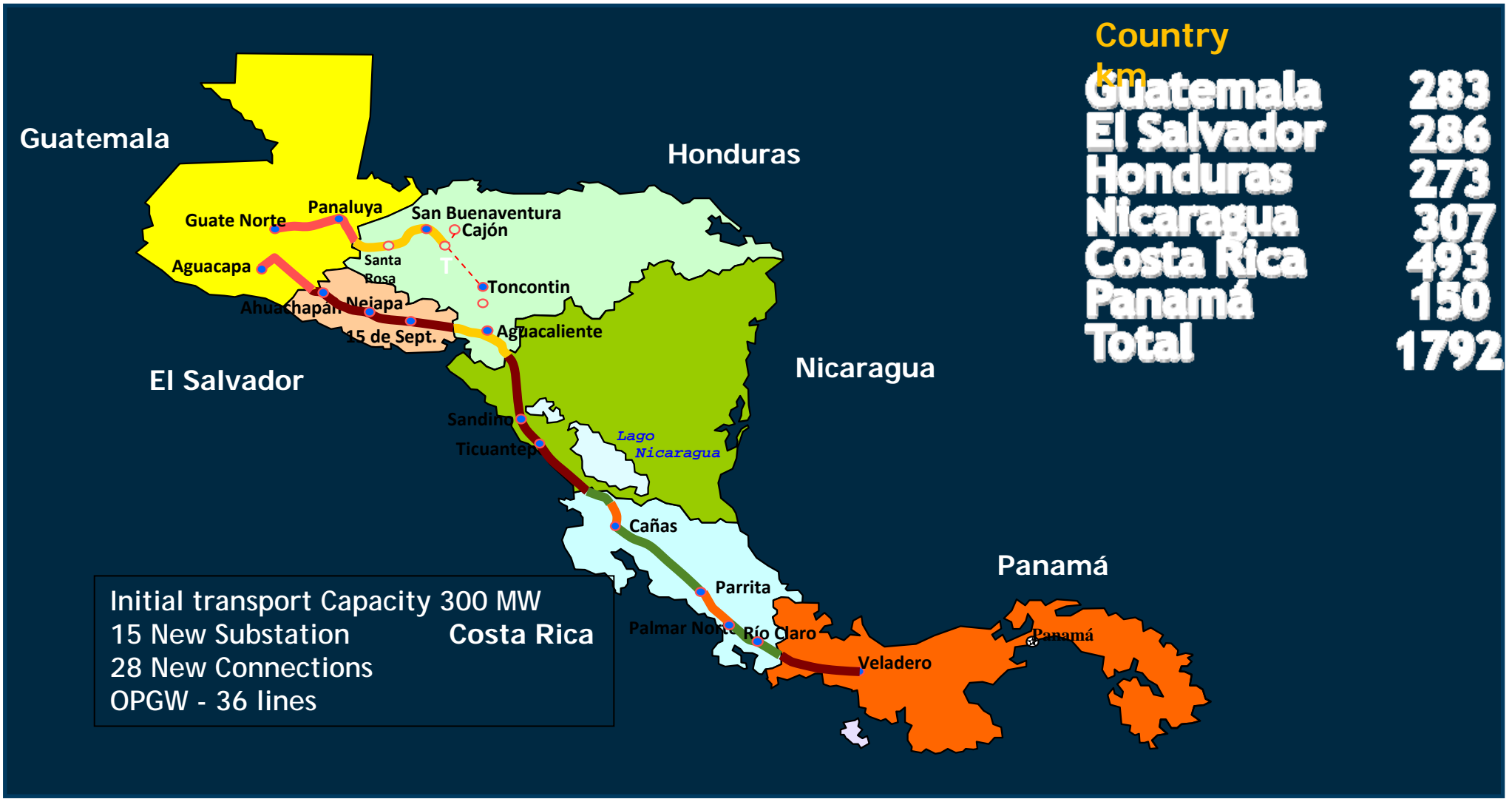


Source/Annual	Energy
Private Thermal	4001.4
State Hydro	2467.8
Private Hydro	342.1
Private Biomass	174.2
Private Wind	116.7
State Thermal	24.4

National Power System



Regional Power System



Energy Policy

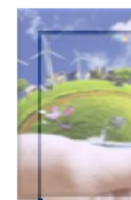
Strategic Objective



Provide opportunities for human development



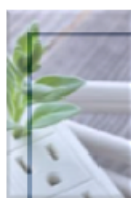
Reduce poverty



Reducing environmental vulnerability



Ensure all adequate access to goods and services



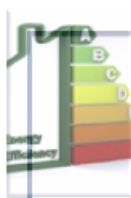
Sustainable use of natural resources



Reduce the dependence on imported energy



Increase coverage of the basic requirements of energy



Energy efficiency



Strengthening of institutional organization

Methodology – Leap Model

**LEAP: Long-range Energy
Alternatives Planning System by
Stockholm Environment Institute.**



Benefit/cost Environmental emissions analysis

LEAP use different demand and offer models



Offer: Import & Exportation, Transformation, Losses.

Demand: Unitary consumptions, Substitutions and alternatives adoptions.

LEAP MODEL

The screenshot displays the LEAP: H5 Honduras software interface. The main window is titled "LEAP: H5 Honduras" and features a menu bar with options: Area, View, Analysis, Edit, General, Tree, Chart, Advanced, and Help. Below the menu bar is a toolbar with icons for New, Open, Save, Email, Find, Fuels, Effects, Units, References, Help, and What's this?.

The interface is divided into several sections:

- Views:** A vertical sidebar on the left contains icons for Analysis, Results, Diagram, Energy Balance, Summaries, and Overviews.
- Tree View:** A central pane shows a hierarchical tree structure of energy demand categories. The tree is expanded to show the following structure:
 - Key Assumptions
 - Demand
 - Consumo Propio
 - Transporte
 - Industria
 - Residencial
 - Iluminación
 - Electricidad
 - Electrodomésticos
 - Electricidad
 - Usos Térmicos
 - Leña
 - Electricidad
 - GLP
 - Kerosene
 - Comercial Servicios y Público
 - Iluminación
 - Electricidad
 - Electrocautivos
 - Electricidad
 - Usos Térmicos
 - Leña
 - Electricidad
 - GLP
 - Gasolina
 - Diesel Oil
 - Fuel Oil

- Variable Definition Panel:** On the right, a panel shows the current branch: "Demand | No Energético | No Energéticos". It includes a "Variable" dropdown set to "Activity Level" and a "Scenario" dropdown set to "TEN: Tendencial". Below this, there are tabs for "Activity Level", "Final Energy Intensity", and "All Variables". A text box defines "Activity Level" as "A measure of the social or economic activity for which energy is consumed". Below the text is a table with columns "Name", "2008 Value", and "Expression". At the bottom of the panel, there are tabs for "Chart", "Table", "Notes", and "Help", and a "Show:" dropdown set to "Activity Level".

Strategic Actions



Institutional strengthening



Renewable sources and energy saving



Sustainable use of hydrocarbons



Sustainable energy supply



Sustainable development of transportation



Direct Investments of the Government



あなたの注意のためにありがとうございました

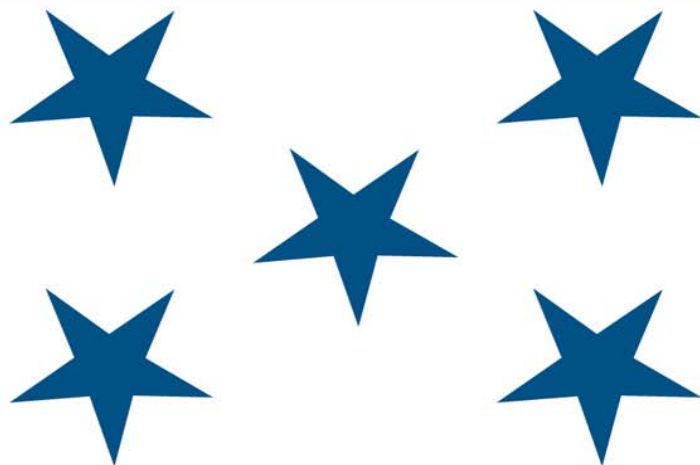
Thank You For Your
Attention



Gerardo A. Salgado
Yaninn Martínez

gasalgado@yahoo.com
martineztorresy@gmail.com

- +504 3391 6044
- +504 9604 3296



Contact : report@tky.ieej.or.jp