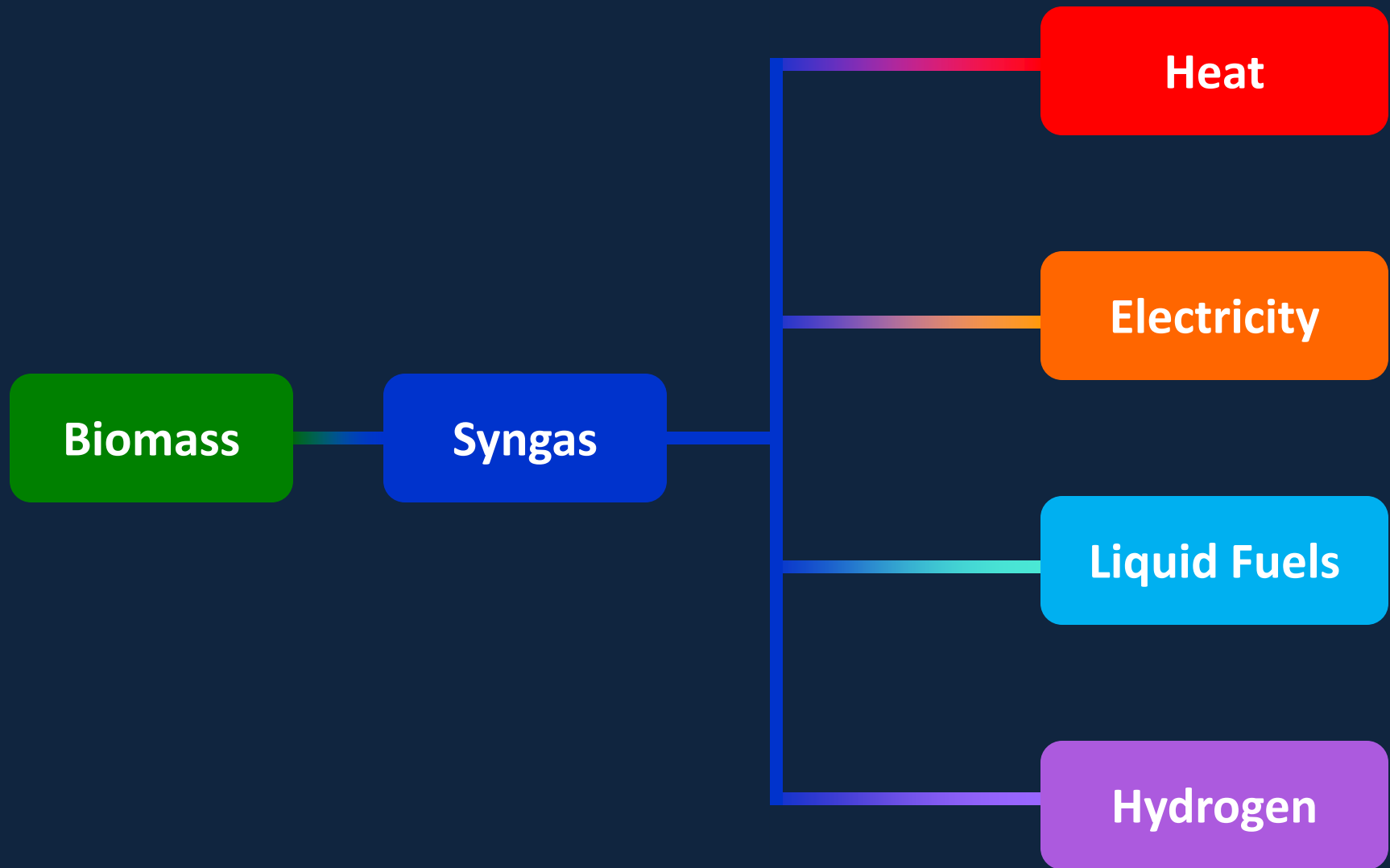


# Synthesis Gas



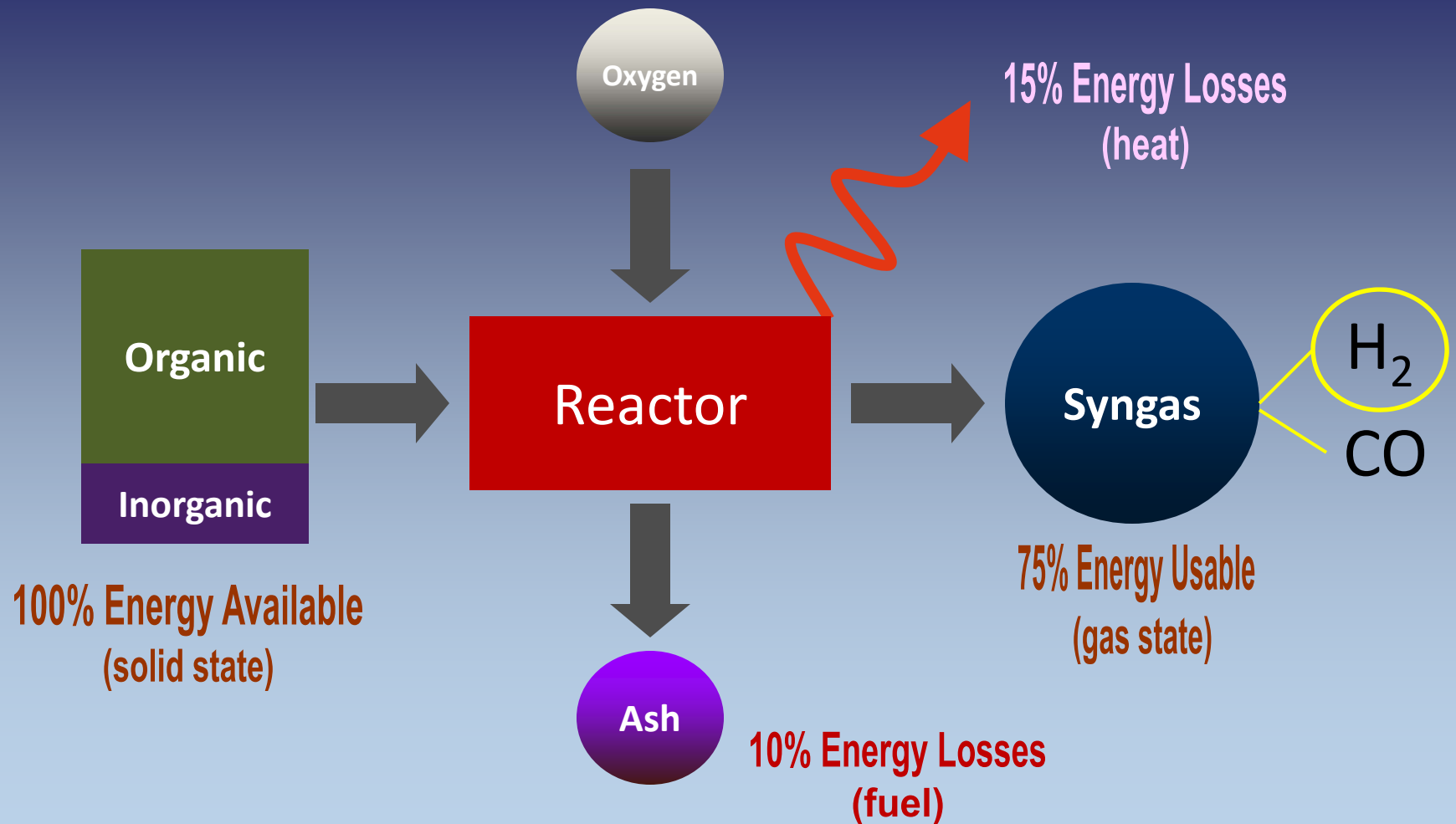
# Syngas as a renewable source of energy



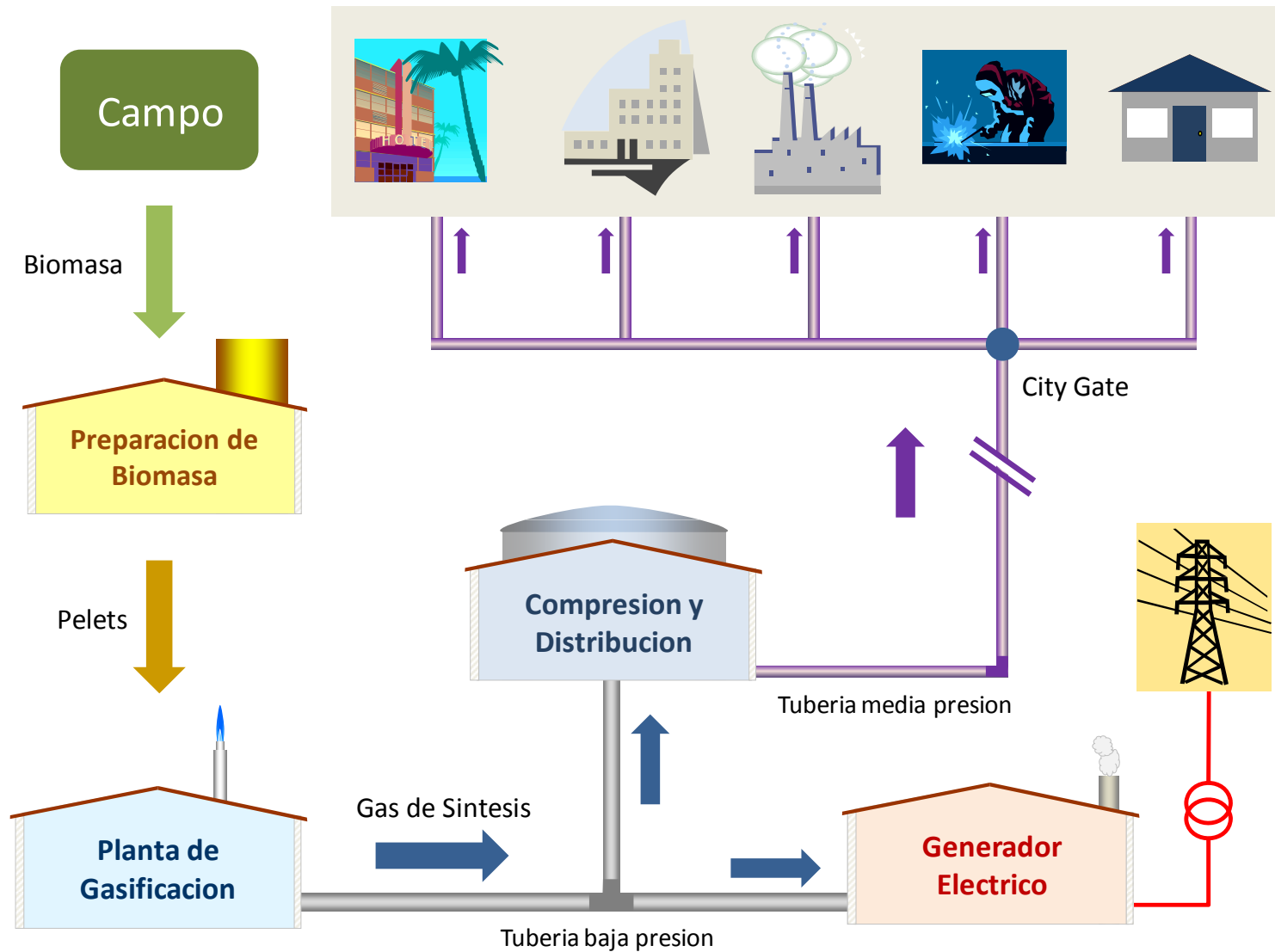
# State-of-the-Art Technology

Downdraft Gasifier Overview

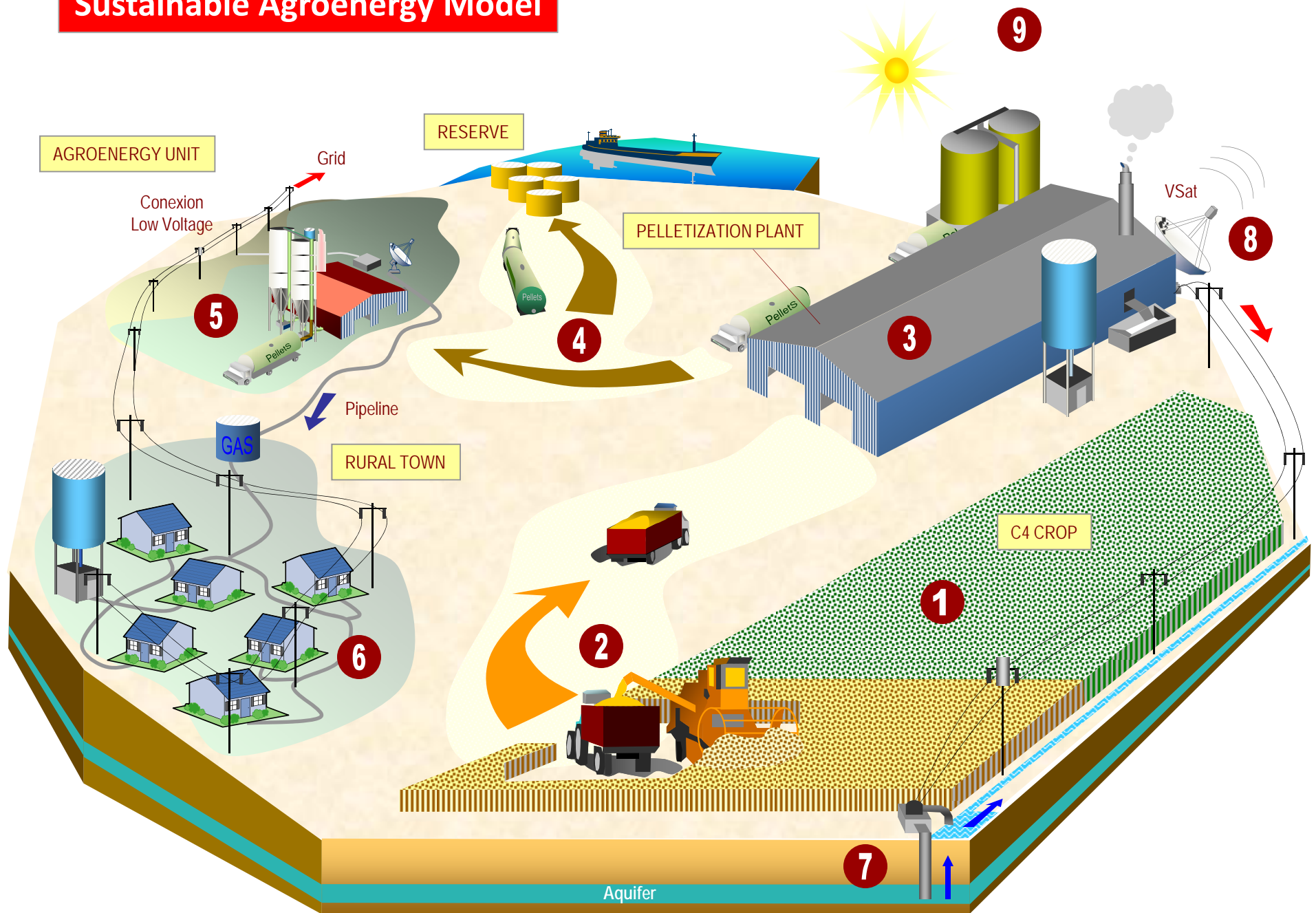
# Energy Balance of the Reactor



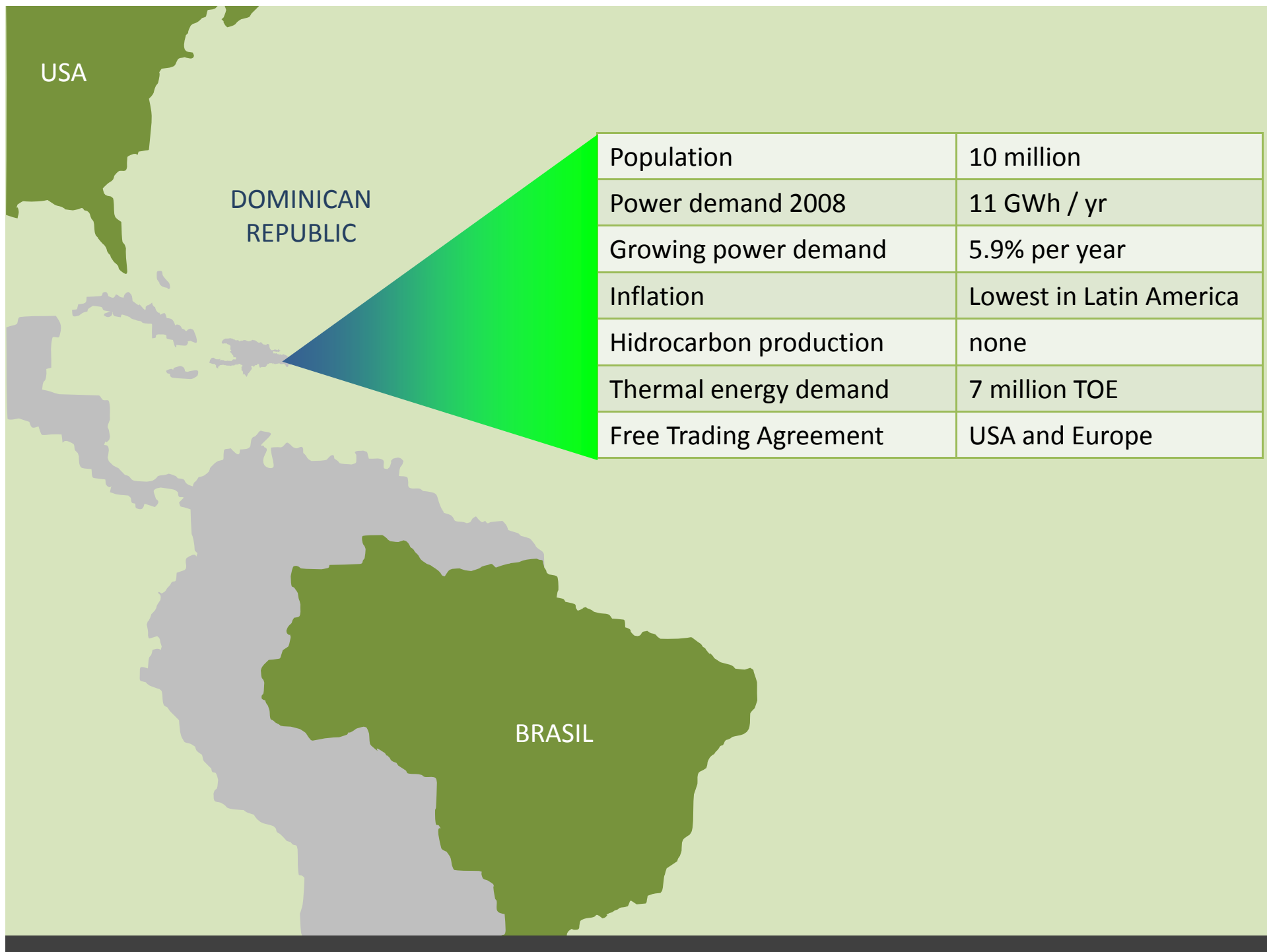
# Integrated Distributed Energy Production



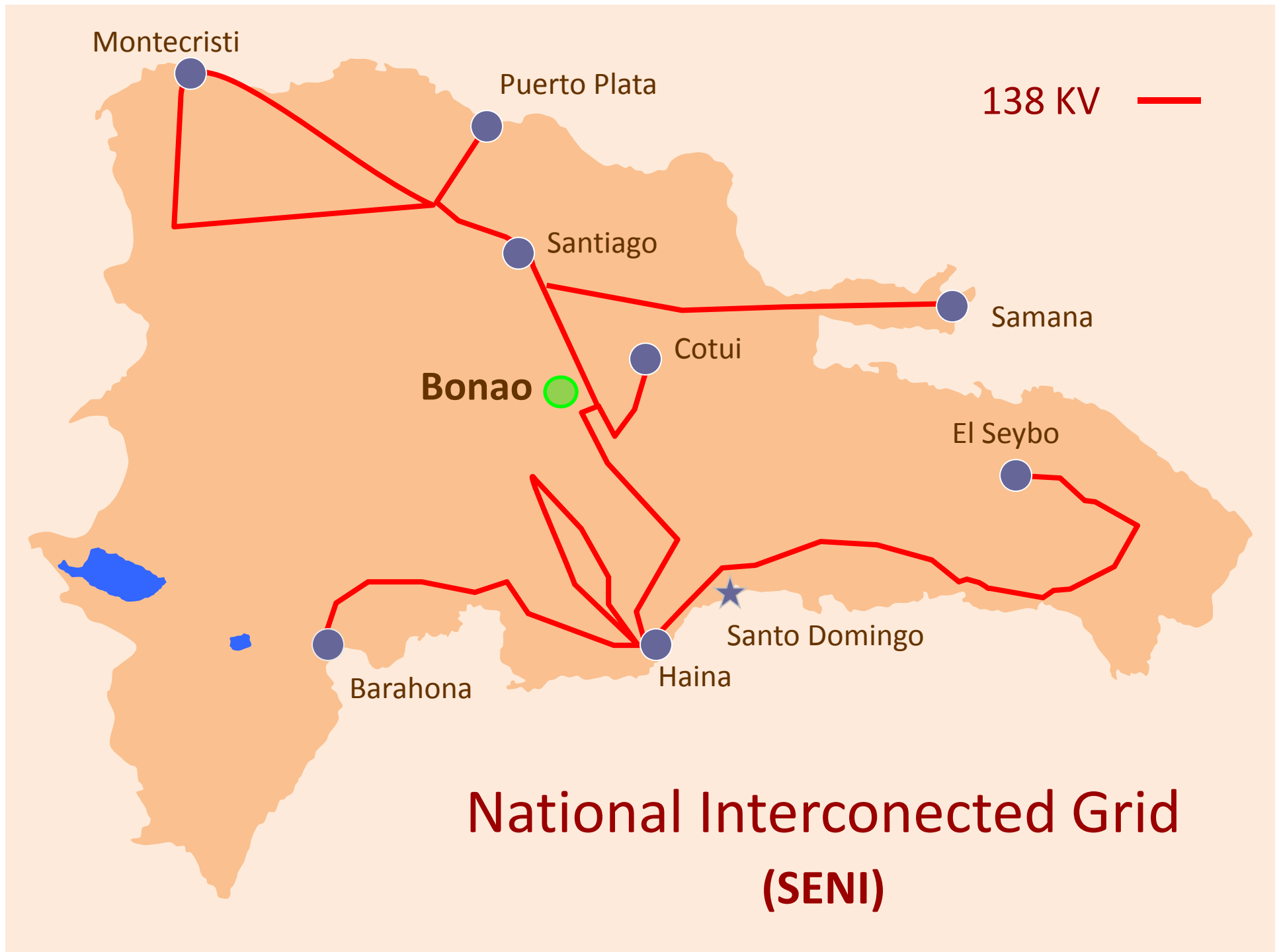
# Sustainable Agroenergy Model



# Show Case: the Dominican Republic

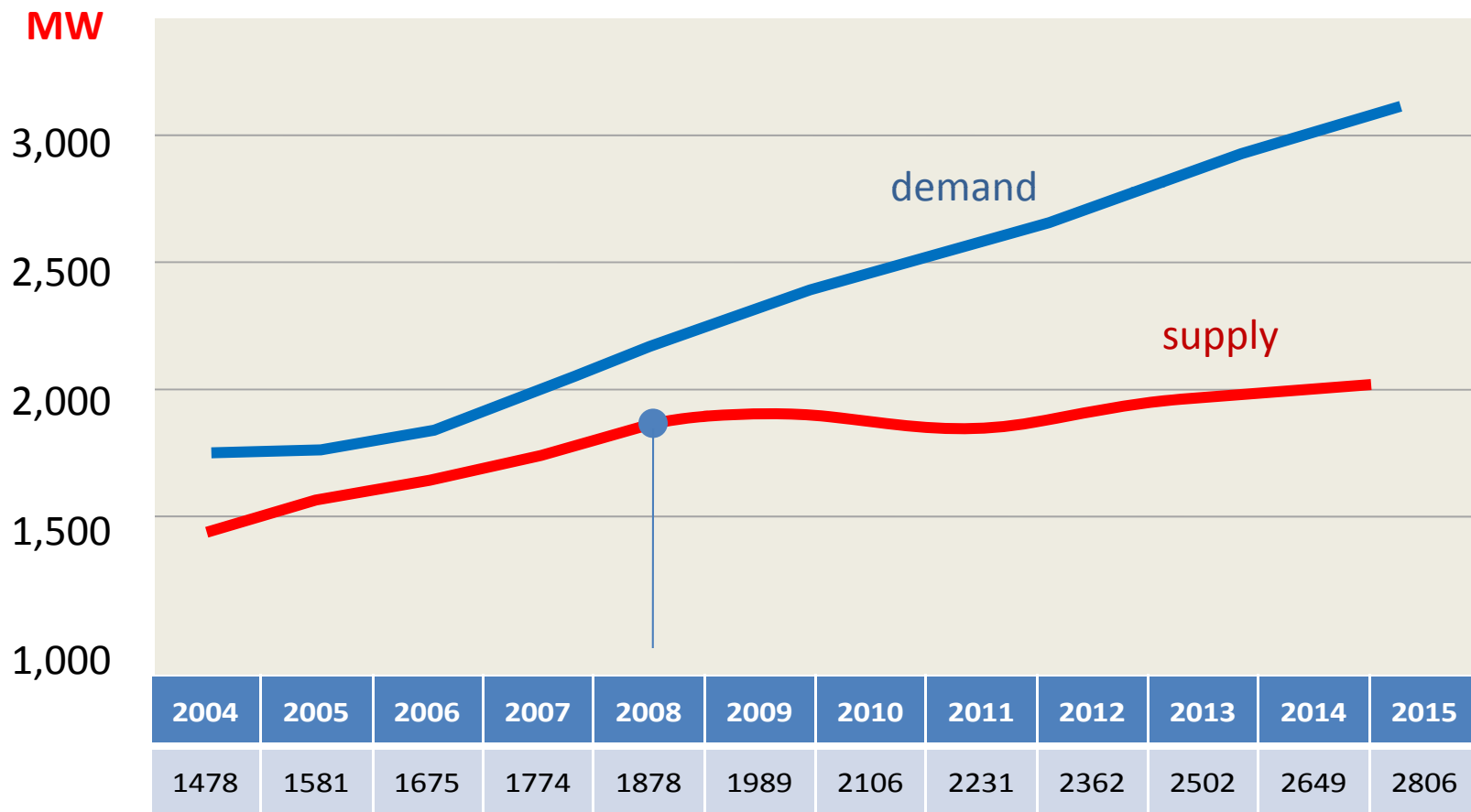






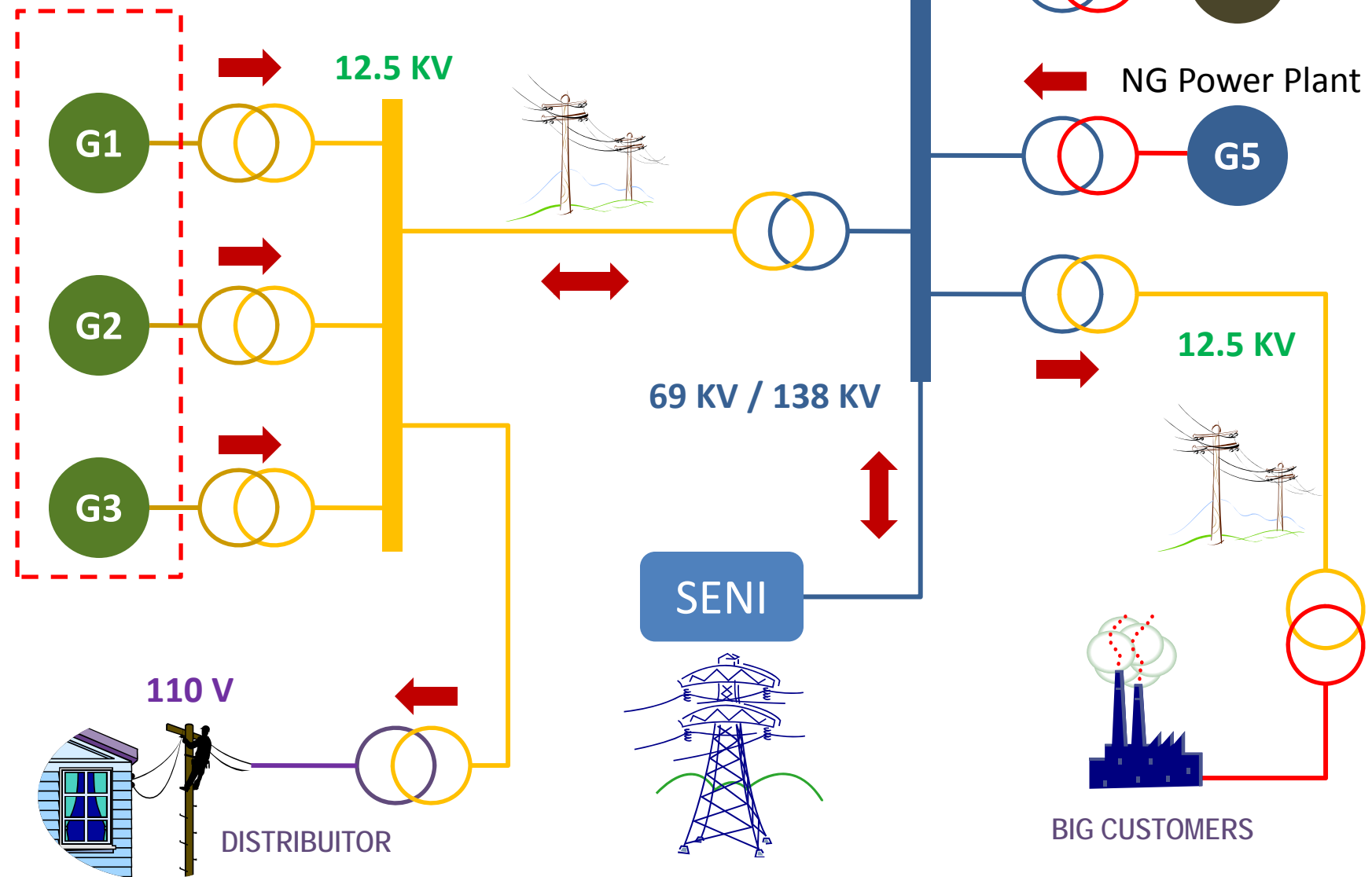
## Projected Power Demand / Period 2004 - 2015

(5.9% annual increase)



## Distributed Generation with Syngas

Gas Engines



# Project Highlights

Provides an economic renewable source of power for the Dominican Republic while generating a significant profit for investors.

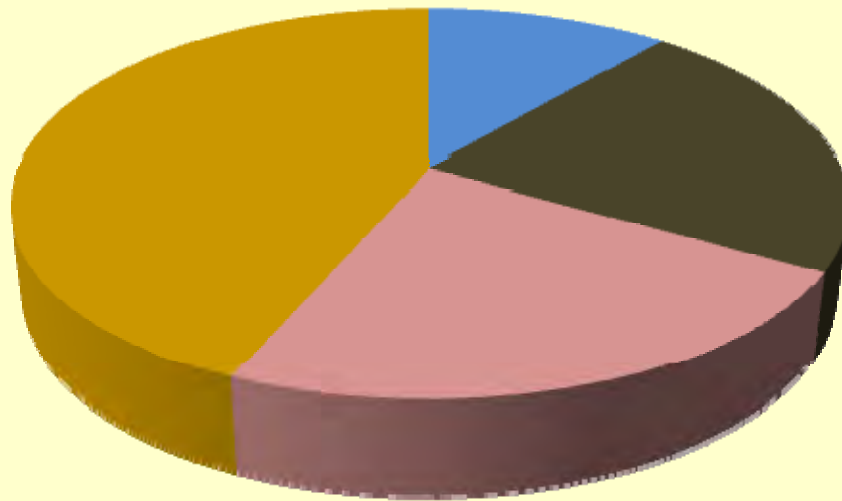
Utilizes commercially proven technology that provides raw materials flexibility and low operating costs.

Stable contracted cashflow from the 20 year PPA for up to 600 MW<sub>el</sub>. (1<sup>st</sup> phase 50 MW<sub>el</sub>)

A sustainable source of renewable energy.

The ability to upgrade product offering to higher valued products and replicate in other regions.

# Electricity Market in 2009

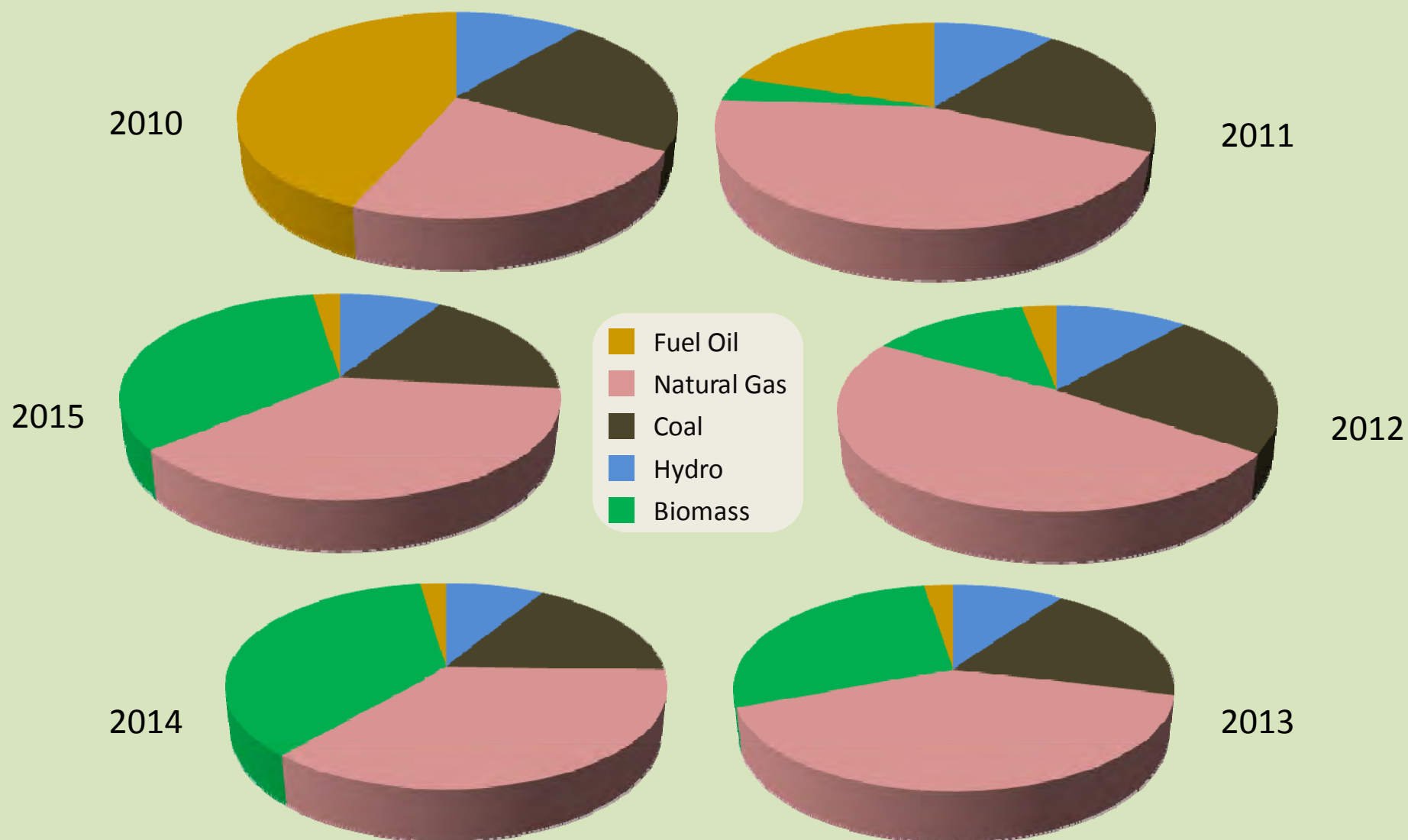


Fuel Oil	43%
Natural Gas	24%
Coal	22%
Hydro	11%

Energy Sold in the SIN

11'082,000 MWh

# Evolution of the Electrical Supply with the PPA



# Proposal



Show Case Cogeneracion