

Sykue Bioenergy

(Brazilian) Puterman (LPH) - idea to grow elephant grass to generate bioenergy for electricity
 Felipe D'Avila (LPH) - focus on governance and institutional practices
 Ana Maria Diniz (LPH) - Business manager
 Adriano (LPH) - Chairperson

50 hectares of irrigated land or 100 hectares of non irrigated land with elephant grass, can generate 1 MW of electricity.

- A "paid" WFP idea
- Encourage innovation and benefits to society
- Motivation not profit but sustainable business
- Concerns for environment
- Agriculture Processes
- Isolation
- Management
- Consultor
- Debt

What should the 3 partners do: move forward alone, sell their stake in the company or bring in a new partner?

<p>Not Limited Buyer Not enough equity Picking the dream</p>	<p>Move Forward Leverage Step back to analyze Lack of Money</p>	<p>Equity partner Scaling up Less debt Launch IPO Finish project</p>
----------------------------------------------------------------------	-----------------------------------------------------------------------------	--------------------------------------------------------------------------------------

ELON MUSK

Born June 28, 1971
 Originally from South Africa
 Left home at 17 to Canada to study
 Obtained Bachelor's degree in Economics and Physics from the University of Toronto
 Salary \$1,000,000
 Net worth: \$10.5 Billion (April 2015)

Tesla Motors

Founded by a group of engineers in 2003 in Silicon Valley who wanted to prove that electric cars could be better than gasoline powered cars.

Elon Musk was one of the first investors with an initial \$7 million investment, then later an additional \$30 million.

Tesla Models

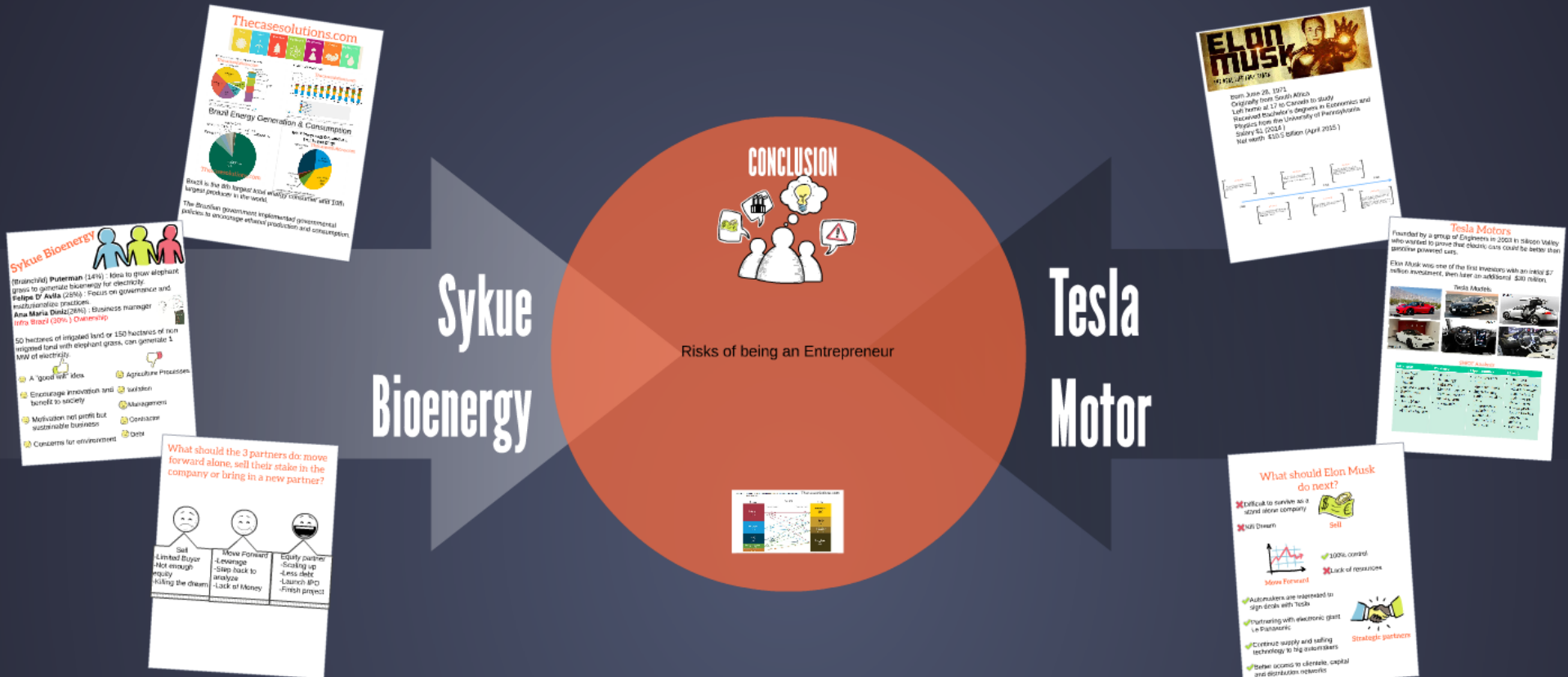
Model S, Model X, Model Y, Model 3

What should Elon Musk do next?

- Difficult to survive so a stand alone company
- Difficult to sell
- 100% owned
- Lack of resources
- Automations are interested to sign deals with Tesla
- Partnering with electronic giant (e.g. Samsung)
- Continue supply and selling technology to big businesses
- Better access to credits, capital and distribution networks

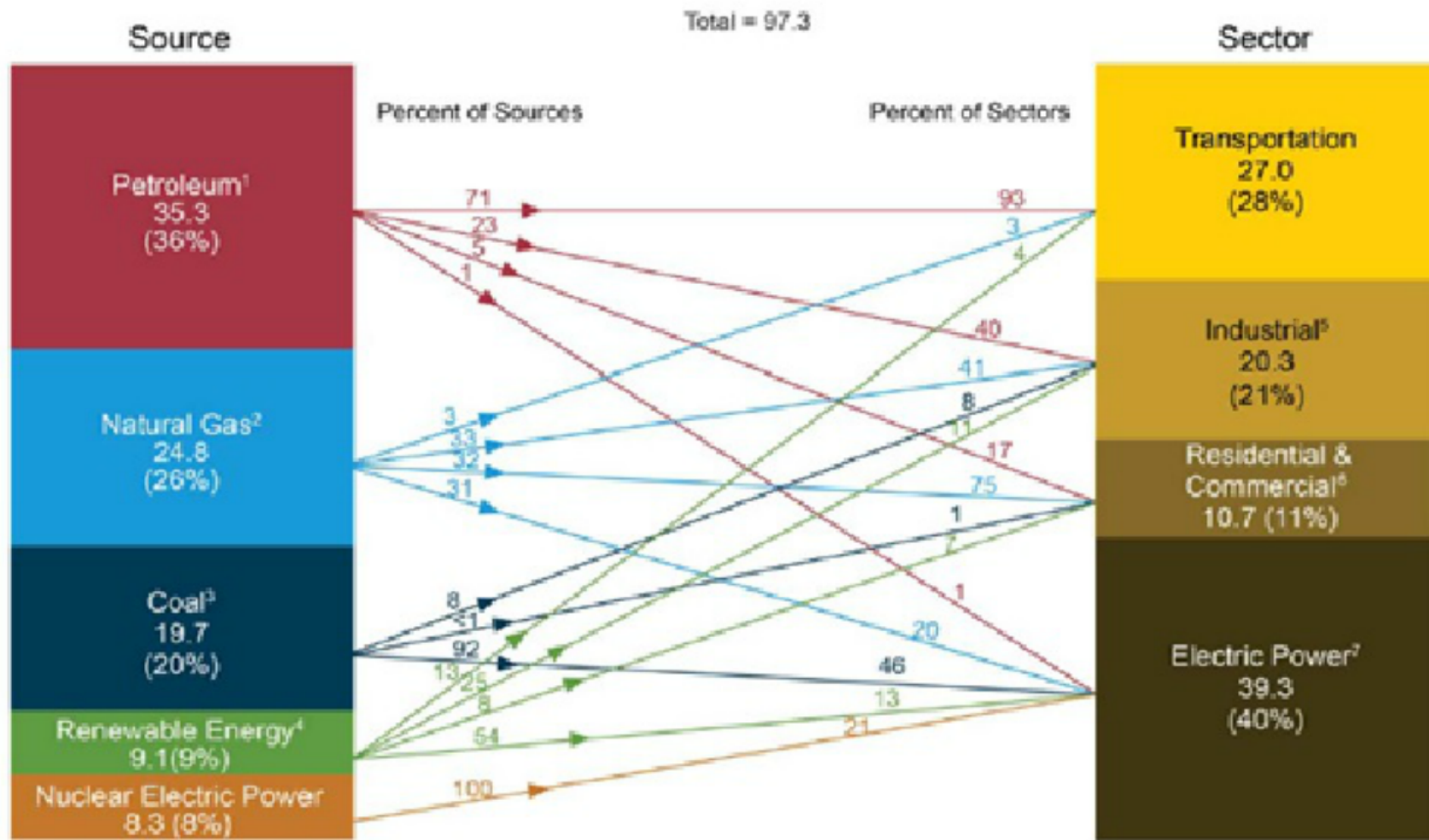
Strategic partners

Sykue Bioenergy

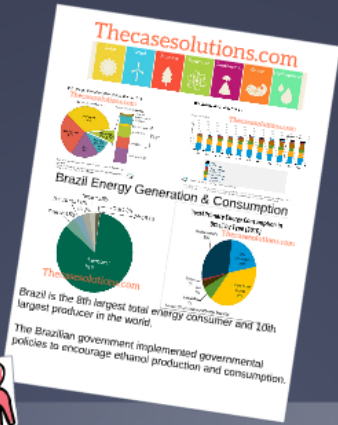


Sykue Bioenergy

Figure 2.0 Primary Energy Consumption by Source and Sector, 2011
(Quadrillion Btu)



Thecasesolutions.com



Sykue Bioenergy

(Brainchild) **Puterman (14%)** - Idea to grow elephant grass to generate bioenergy for electricity.
Felipe D'Avila (28%) - Focus on governance and institutionalize practices.
Ana Maria Diniz(28%) - Business manager
Intra Brazil (30%) Ownership

50 hectares of irrigated land or 150 hectares of non irrigated land with elephant grass, can generate 1 MW of electricity.

- A "good will" idea
- Encourage innovation and benefit to society
- Motivation not profit but sustainable business
- Concerns for environment
- Agriculture Processes
- Isolation
- Management
- Contractor
- Debt

What should the 3 partners do: move forward alone, sell their stake in the company or bring in a new partner?

<p>Sell -Limited Buyer -Not enough equity -Killing the dream</p>	<p>Move Forward -Leverage -Step back to analyze -Lack of Money</p>	<p>Equity partner -Scaling up -Less debt -Launch IPO -Finish project</p>
-------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------

Sykue Bioenergy

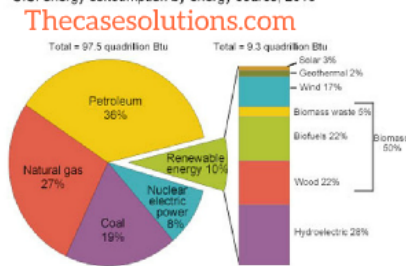


Sykue Bioenergy

Thecasesolutions.com

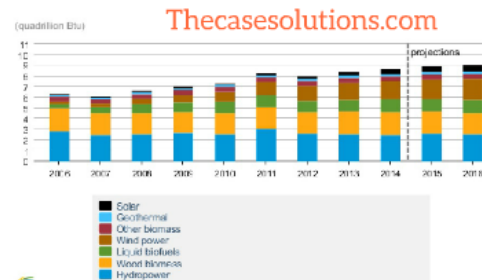


U.S. energy consumption by energy source, 2013



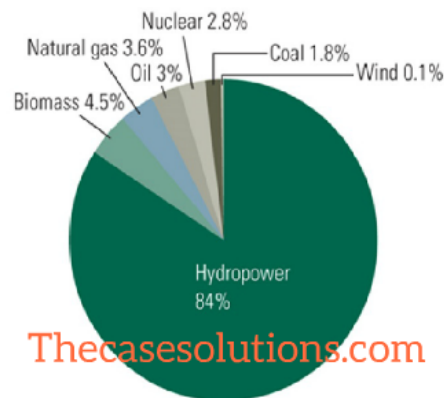
Note: Sum of components may not equal 100% as a result of independent rounding.
Source: U.S. Energy Information Administration, Monthly Energy Review, Table 1.3 and 10.1 (May 2014), 2013 data

U.S. Renewable Energy Supply

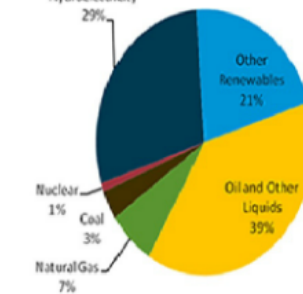


Source: Short-Term Energy Outlook, March 2015
Note: Hydropower includes pumped storage generation. Liquid biofuels include ethanol and biodiesel. Other biomass includes non-liquid waste from lignocellulosic sources, landfill gas, and other non-wood biomass.

Brazil Energy Generation & Consumption



Total Primary Energy Consumption in Brazil by Type (2010)



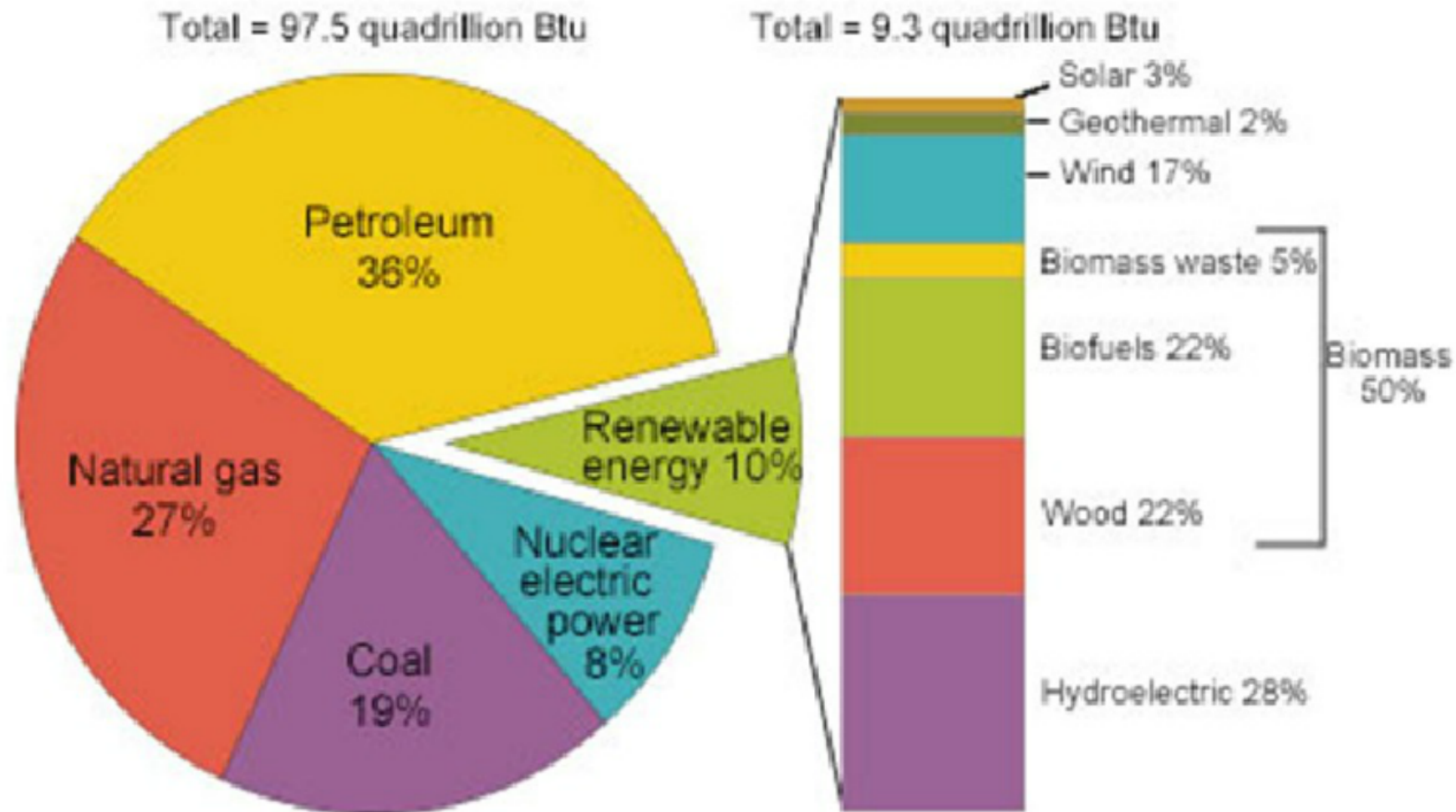
Source: EIA, International Energy Statistics

Brazil is the 8th largest total energy consumer and 10th largest producer in the world.

The Brazilian government implemented governmental policies to encourage ethanol production and consumption.

U.S. energy consumption by energy source, 2013

Thecasesolutions.com



Note: Sum of components may not equal 100% as a result of independent rounding.

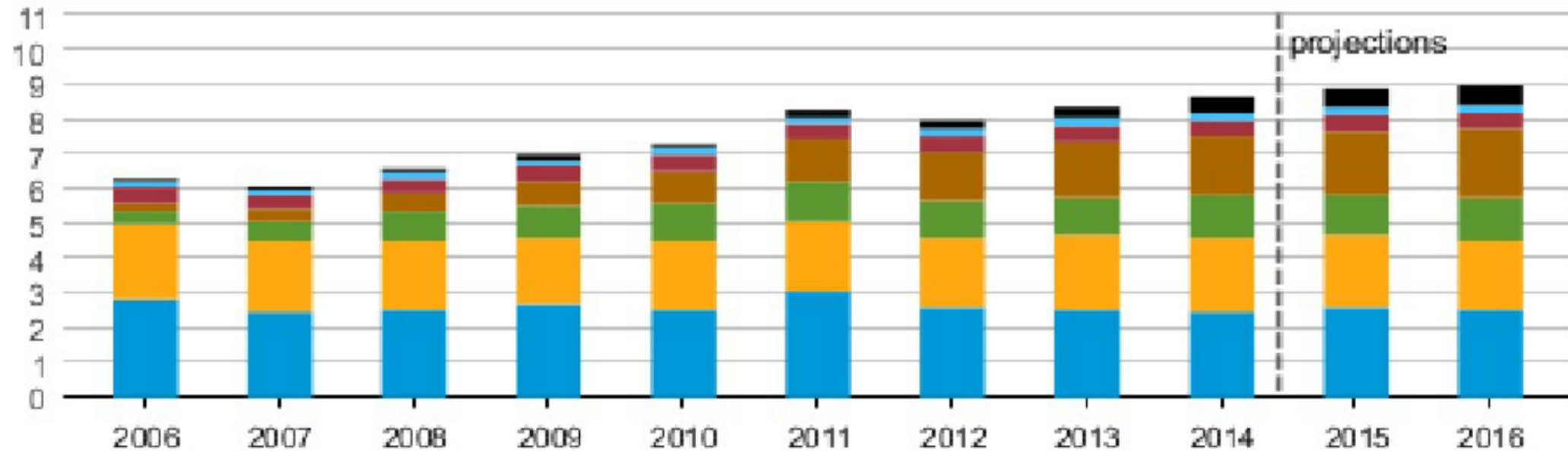
Source: U.S. Energy Information Administration, *Monthly Energy Review*, Table 1.3 and 10.1 (May 2014), 2013 data



U.S. Renewable Energy Supply

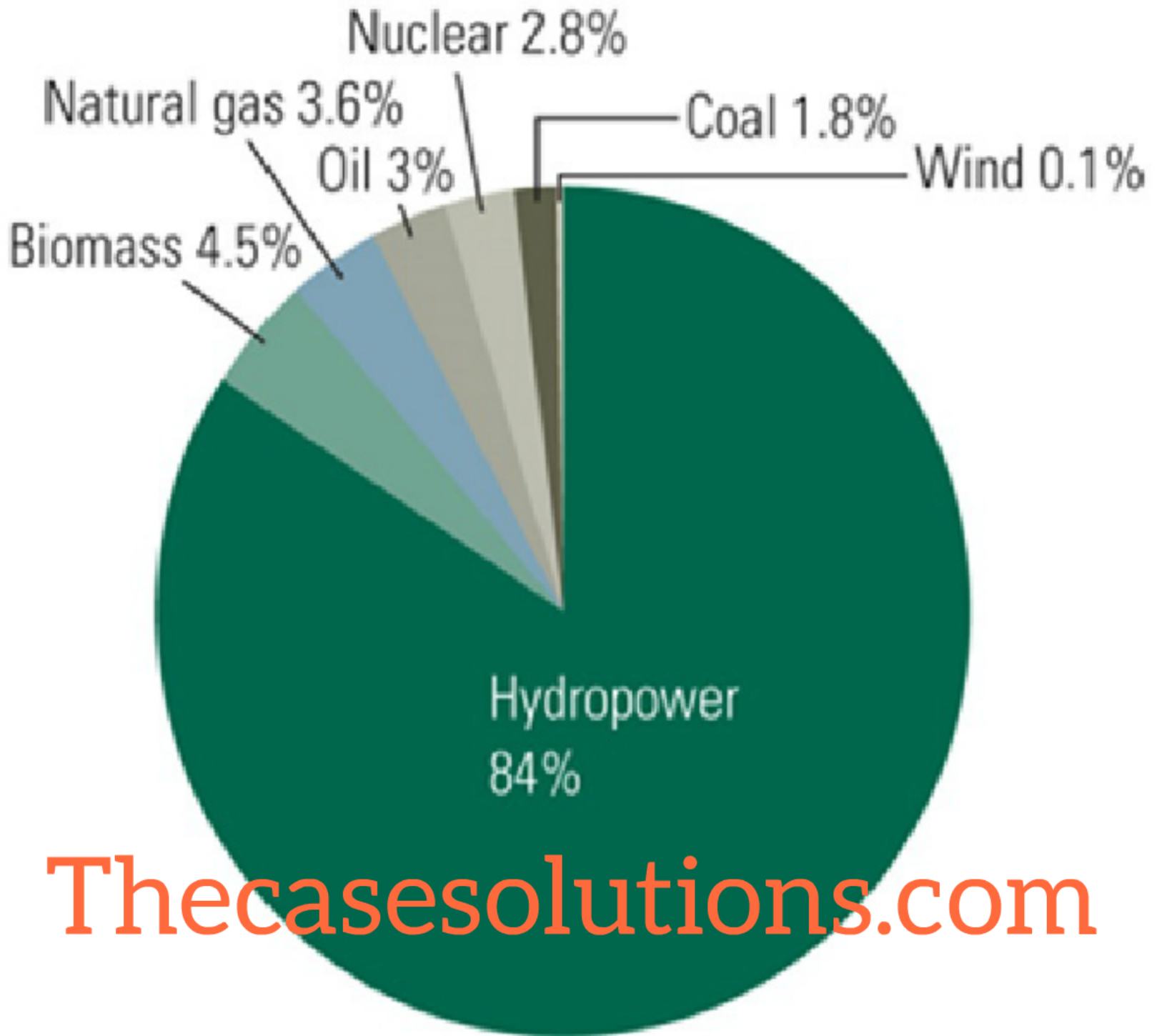
Thecasesolutions.com

(quadrillion Btu)



Source: Short-Term Energy Outlook, March 2015

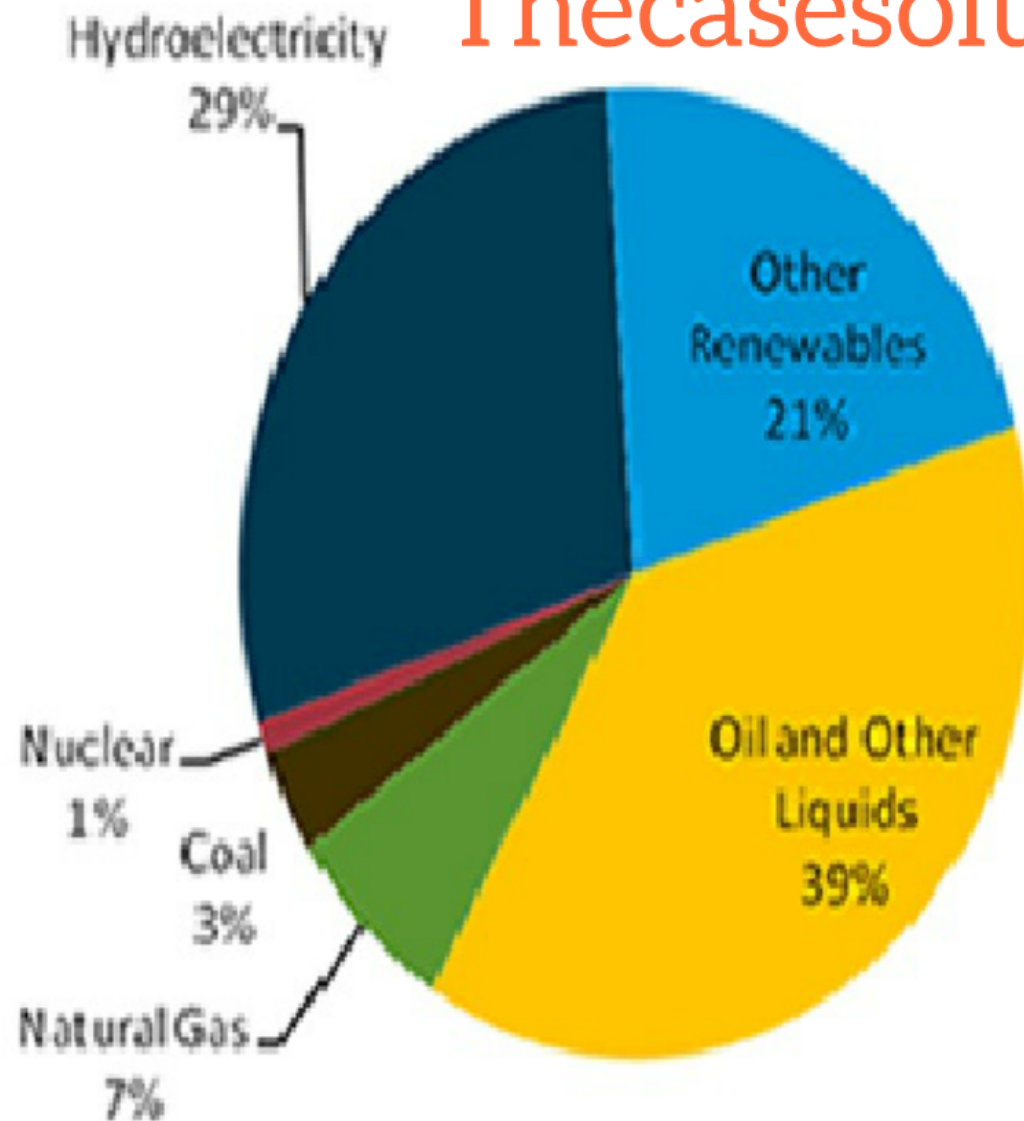
Note: Hydropower excludes pumped storage generation. Liquid biofuels include ethanol and biodiesel. Other biomass includes municipal waste from biogenic sources, landfill gas, and other non-wood waste.



Thecasesolutions.com

Total Primary Energy Consumption in Brazil by Type (2010)

Thecasesolutions.com



Source: EIA, *International Energy Statistics*