

Biomass 2009: International Outlook I

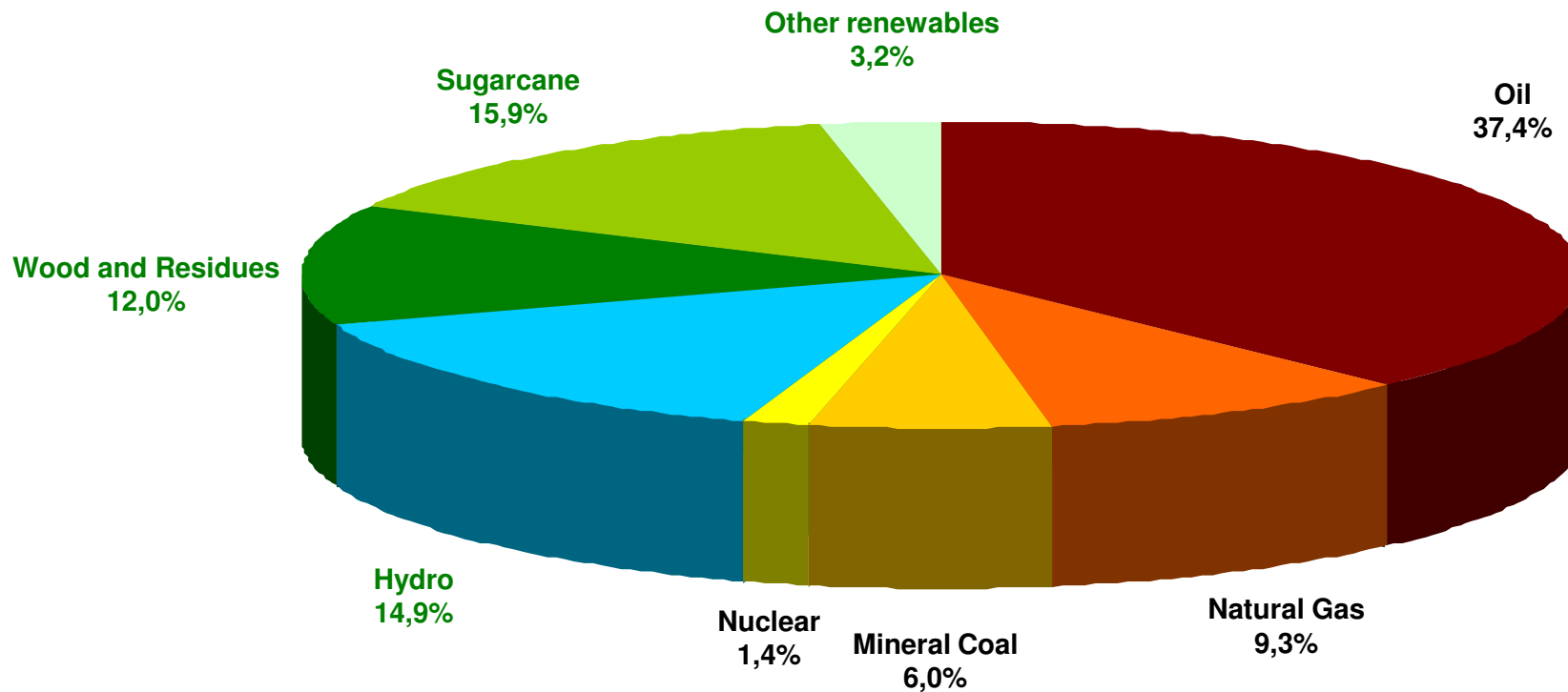
Outlook for Biofuels in Brazil

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Emerson Kloss, First Secretary of Trade Policy, Agriculture and Biofuels, Embassy of Brazil, Washington, DC

Brazil's Energy Mix

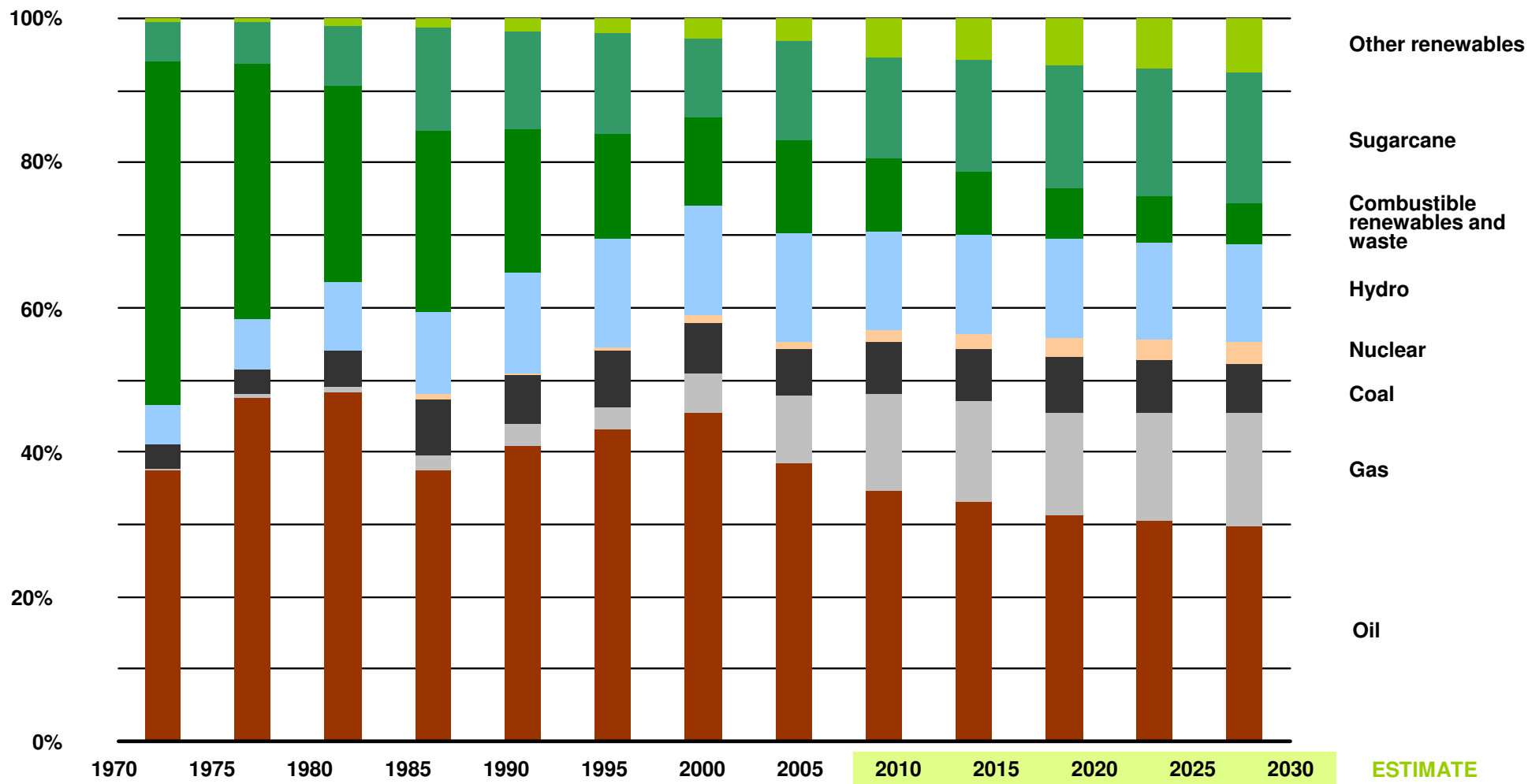
Share of Total Primary Energy Supply (2007)



Renewable sources: 46%

The Brazilian energy mix will be even more diversified in the future

Brazilian Energy Mix Trends



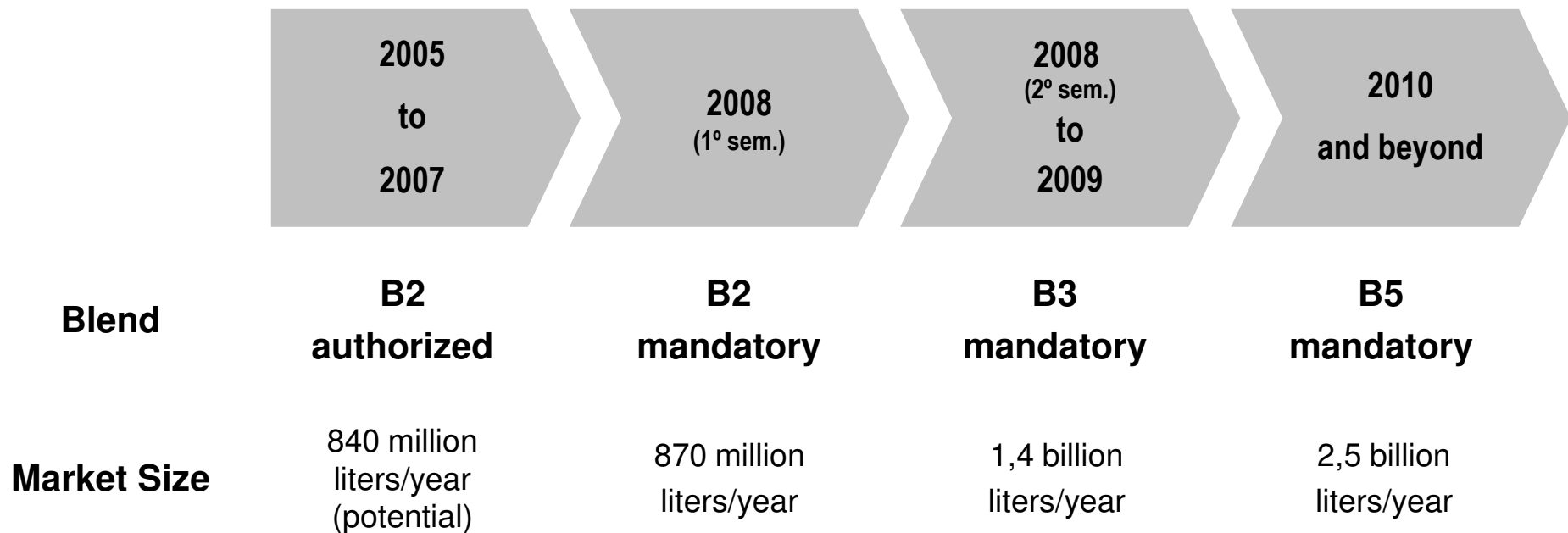
Source: Brazilian Energy Plan 2030, EPE.

Brazil is committed to producing ethanol...

- Mandatory blend of 20 - 25% (anhydrous ethanol)
- E100 availability (hydrous ethanol)
- Tax incentives for flex-fuel cars (7.6 million cars = 28% of the Brazilian fleet)

... and biodiesel...

Biodiesel Blending Goals

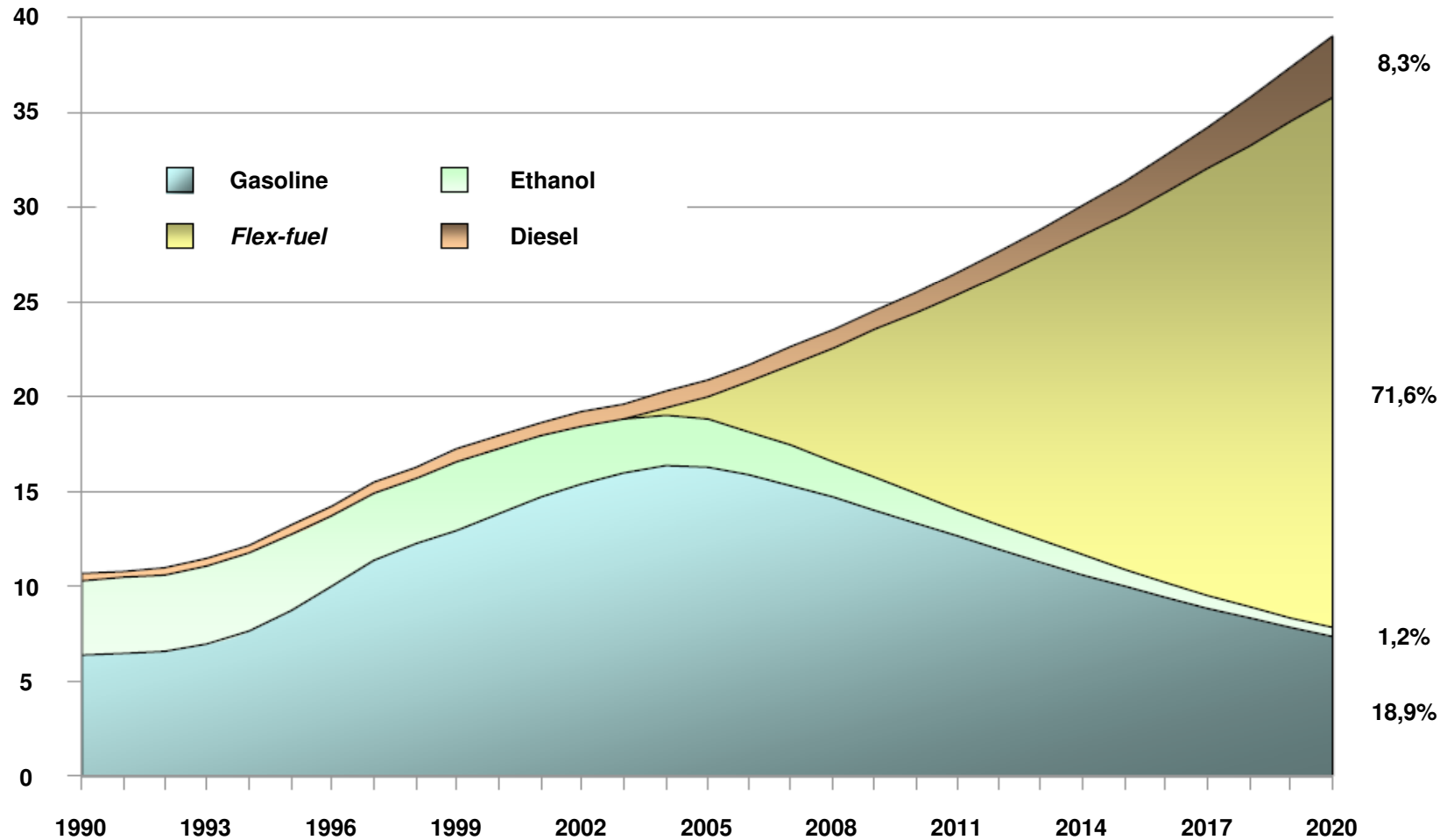


...in a sustainable way.

- Increase mechanization and phase-out of sugarcane burning
- Restrictions for planting sugarcane in environmentally sensitive areas (agroecological zoning)
- Electricity cogeneration
- Fertirrigation

Flex-fuel technology boosts domestic ethanol demand

Number of light motor vehicles (millions)



Source: Petrobrás / ANP.

Looking into the future

- Improve sugarcane efficiency and “second generation” biofuels
- New products: plastics, jet fuel, etc...
- Biodiesel-ethanol integration

International Conference on Biofuels – Main Conclusions

- A New Energy Paradigm
- Energy Security
- Climate Change
- Sustainability
- Innovation
- International Trade
- International Cooperation
- An International Agenda for Biofuels