



Magda Chambriard

General Director, Petroleum National Agency (ANP), Brazil

Title - Impact of Fuel Mix Change on Brazilian Markets: A Focus on Biofuels Participation in the Energy Supply Mix.

Due to the country's territorial extension and regional diversity, the Brazilian government understands it is mandatory to exploit the different available sources of power generation in order to ensure energy security, contribute to regional development, as well as to maintain and even improve the present share of renewables sources on the Brazilian energy matrix.

ANP was created in 1998 to regulate the hydrocarbons and biofuels sector in Brazil, which had a great development since then. The oil and gas production surged, and the country is a leader in deepwater exploration – leading to the pre-salt discoveries. In 2013, ANP held a bidding round offering areas with potential for discoveries of unconventional resources and it is expected that these new energy sources take part of the Brazilian energy supply soon.

Despite the developments in the exploration and production of fossil resources Brazil has one of the greener energy mixes in the world, with renewable energy meeting 41% of internal energy supply in 2013. The country, a pioneer in the biofuels industry, is producing advanced ethanol from sugar cane, biodiesel from a variety of raw materials and, currently, starting its second generation ethanol production. Relying on flex fuel technology, light vehicles can run with either ethanol, gasoline or with any blend of them, and currently represent more than 90% of domestic sales of vehicles. This new technology and the introduction of biodiesel in Brazilian energy matrix in 2005 have brought many challenges to the regulator, especially regarding to product quality and distribution issues.