

**STATEMENT MADE BY IFAP - FARMERS** – May 8 – Atmospheric pollution and adaptation to climate change.- Conf. Room 4 from 10:00 – 6:00 –CSD 14

My name is **Maria Christina Pacheco**, here representing **IFAP farmers** from a member organization called **ORPLANA**, Brazil

Today farmers need to adapt to an globalized world. It is essential to recognize the **important role of farmers and growers** both as representing one of the most affected sectors by climate change. FARMERS are making a lot of effort to mitigate climate change consequences by increasing the efficiency of our farming practices, reducing emissions, and adopting carbon sequestering.

FARMERS – used to produce only food, but I like to say, we FARMERS are the PRODUCERS the FUEL for the HUMAN BEING and animals, but today we must say we, FARMERS, produce AGROENERGY...

Here 3 good examples in Brazil: (I am a sugarcane farmer from Brazil)

**1-ETHANOL-** A biofuel program that started in 1976 and today represents 13.5% of Brazil Energy Matrix- with oil over 30 US\$ the program is highly economical and feasible.

**2-CO-GENERATION** – is a program where - Sugar cane produce- sugar- ethanol and electricity

### **3-BIODIESEL – The new green treasure**

Brazil Biodiesel Program mandatory as of 2008. Biodiesel is produced from a variety of raw material, such as castor bean, dende palm, soybeans, peanuts, cotton, etc., animal fat, residual oil and fats. This program gives the small growers the opportunity to produce raw material for the Biodiesel industries.

FARMERS – besides climate change, always have market problems...the price of our products has the smaller share on the price the consumer pays for it. Ex. A FARMER in Brazil for a 60 kg bag of coffee grains (export quality) receives 145US\$... One cup of espresso coffee uses 13.8 g of roasted coffee and is sold for the consumer around here for 3 US\$ at least. 1 bag of coffee could make at least 1,000 cups of coffee .14.5 cents US\$ is for FARMERS to produce and take its profit. So the opportunity to produce energy will give the Farmers another important source of income.

If the DEVELOPED WORLD invest, finances, transfers technology, to produce RENEWABLE ENERGY in the underdeveloped countries, WE FARMERS could produce part of this renewable energy, such as, ETHANOL –ELECTRICITY-BIODIESEL And POVERTY could diminish in the World as planned and wished for all of us. There is space for farming for FOOD and farming for ENERGY. Don't worry we FARMERS will continue to produce your FUEL... your FOOD.

Maria Christina Pacheco

[chpacheco@dglnet.com.br](mailto:chpacheco@dglnet.com.br)

[www.orplana.com.br](http://www.orplana.com.br) – growers organization

[www.unica.com.br](http://www.unica.com.br) - millers organization