



## **UNIDUTO PROVIDES NEW LOGISTICS SOLUTION FOR ETHANOL MADE IN BRAZIL**

Created in 2008 by a group of ethanol producers representing one third of the national production, Uniduto's mission is to provide innovative logistic solutions through pipelines and harbors, for the ethanol produced in Brazil and make it more competitive, locally and abroad. With a project based in pipelines and multimodal integration, the company shall begin its activities in 2013. When operational, it will be able to transport up to 16 billion liters of ethanol a month.

Uniduto will provide transportation services for most of the ethanol produced in the state of São Paulo and other regions to the largest consumer centers in São Paulo, in addition to the private harbor, exclusively for exports and cabotage.

For Sergio Van Klaveren, President of the company, due to this operation the transportation will be more efficient and socio-ecologically sustainable. "Today, approximately 95% of ethanol transportation in Brazil is still carried by highways, with significant cost impact and logistic bottlenecks, in addition to the environment and social impacts. With the pipeline, Brazil will be more competitive globally," explains the executive.

### **Cost-effectiveness**

As it is a non-stop system, the transport through pipelines is an option with maximum productivity. This type of transportation meets the schedules and timelines, as it does not suffer the impact of external interferences as the weather, geography, and even the traffic. And it is more secure for the environment and the population, as it reduces the number of trucks, and consequently, the risk of traffic accidents. It is also an energy-efficient option, as it consumes less energy to transport the same load through the same distance than the other options. "When active, Uniduto services may help to minimize costs with ethanol transportation approximately 20%," explains Klaveren.

Currently in the stage of environmental licensing, Uniduto Project estimates approximately 612 kilometers of pipelines, with for collection centers located in Serrana, Botucatu, Anhembi, and Santa Bárbara d'Oeste, two distribution centers, in Paulínia and in the Metropolitan Region of São Paulo, and two own harbors, one on the waterway Tietê-Paraná, and the other off shore, in Santos region, seaside of São Paulo, that will allow the docking of ships of many sizes. The loading of the ships will be carried through monobuoys, very safe and efficiency in handling large volumes of liquids.

Another characteristic of the project is that it a source of support to investments in alternatives to the road transportation of ethanol, as it estimates the integration of railways with waterways: the terminal at Botucatu will allow the interaction with the road and train transportation, reaching the production of Northern Paraná; Anhembi, whose terminal includes the building of a harbor to allow to interaction with the road and train transportation carried at

Tietê-Paraná waterway which, with 1,200 km navigable, will help to transport the ethanol production from part of Mato Grosso and Mato Grosso do Sul. Serrana base will help to transport the large production of this region in the state of São Paulo, part of the ethanol produced in Goiás and in Minas Gerais Triangle, through the integration with highways and railways.

The base to be set up in Santa Bárbara d'Oeste will be a concentrator base, also allowing highway collection. The arrival of ethanol to be exported through Santos region harbor will be through pipelines, thus avoiding the use of trucks at Serra do Mar. The cabotage navigation – across the Brazilian Coast – will help to transport ethanol to other regions of Brazil, as Northeast and South.

The environmental licensing is being carried according to the Brazilian laws, in order to minimize the environment impacts, and also considering environmental and social compensations. The environmental licensing, as well as the other licenses are estimated for the second half of 2010.

### **Socio-environmental Responsibility**

Since its inception, Uniduto was conceived as a green company. In addition to comply with the labor, environmental legislation, and their restrictions, it also complies with the social laws and rules required for the development of its project and its appropriate operation. “Uniduto defends its activities based in the sustainable development, the ongoing improvement, and the prevention of socio-environmental risks resulting from its operations,” ends up Klaveren.

### **Further press information:**



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