

### ***Transport and Storage:***

**Ocensa** - It is a joint-venture undertaking by Ecopetrol, BP Exploration, Triton, Total, Inter Provincial Pipelines (IPL) and Trans-Canada Pipelines Ltd (TCPL).; it involves construction of an 800 km. pipeline, beginning 200 Kms south-east of Bogotá, joining the Cusiana production field with the exporting port of Coveñas, west of Cartagena.

TCPL and IPL are the project leaders and, after completion, will be the operators. This pipeline, crossing the Andes, will be able to transport 500,000 bpd and its total cost is estimated at US\$2 billion, financed by the joint venture participants: Ecopetrol 25%, TCPL 17.5%, IPL 17.5%, BP 15.2%, Total 15.2% and Triton 9.6%

Four new storage tanks are also under construction at Coveñas, on the Atlantic coast. Each, with an individual capacity of 350,000 barrels and equally financed by Ocensa partners.

Crude oil will be exported from the existing terminal at Coveñas which will be expanded by the addition of another Tanker Loading Unit (TLU), its associated offshore loading line, onshore tankage and pumping system with a production rate of 500,000 bpd.

### ***Refineries:***

Expansion in refining capacity is directed to increase productivity to meet national demand and to reduce the need for imports of gasoline. In 1996, investment in the two refineries of Barrancabermeja - 190,000 bpd - and Cartagena - 70,000 bpd - amounted to US\$100 million dollars and plans for future modernization of these two facilities require economic resources of US\$1 billion over the next five years.

### ***Natural Gas Mass Distribution Programme***

Colombia has traditionally been a modest user-consumer of natural gas.

Residential use of natural gas only started in 1986 with a gas pipeline between Ballenas (an offshore natural gas field in the Guajira Peninsula) and the cities of Barranquilla and Cartagena on the northern coast. In 1991, natural gas represented only 5% of total energy consumption in Colombia. A government decision to increase energy efficiency has facilitated a national plan for a massive distribution programme for natural gas, including an expansion in this service for household, industrial and commercial use as well as electric generation in the cities of Santafé de Bogotá, Medellín and Cali.