

## 4.0 REFINERY EXPANSION

Ecopetrol has tentative plans for a new 100 MBPD. refinery. No decision has, however, been made on a possible location for the new refinery. Ecopetrol may seek private financing and operate the refinery or may try to tender it under a BOMT. contract.

The present focus at Ecopetrol is on automating the major refineries in Barrancabermeja and Cartagena. At Barrancabermeja, \$30 million US. has been approved for the expansion and revamping of the viscbreaker and 2000 topping unit. A second proposal to increase this refinery's processing capacity by 50 MBPD. is awaiting budget approval. The Cartagena refinery has approval to upgrade the cracking unit, replace the topping furnaces and increase the topping capacity. The budget for this work is \$40 million US. An additional \$6.8 million US. has been approved to change out and upgrade the refinery fire system at the Cartagena refinery.