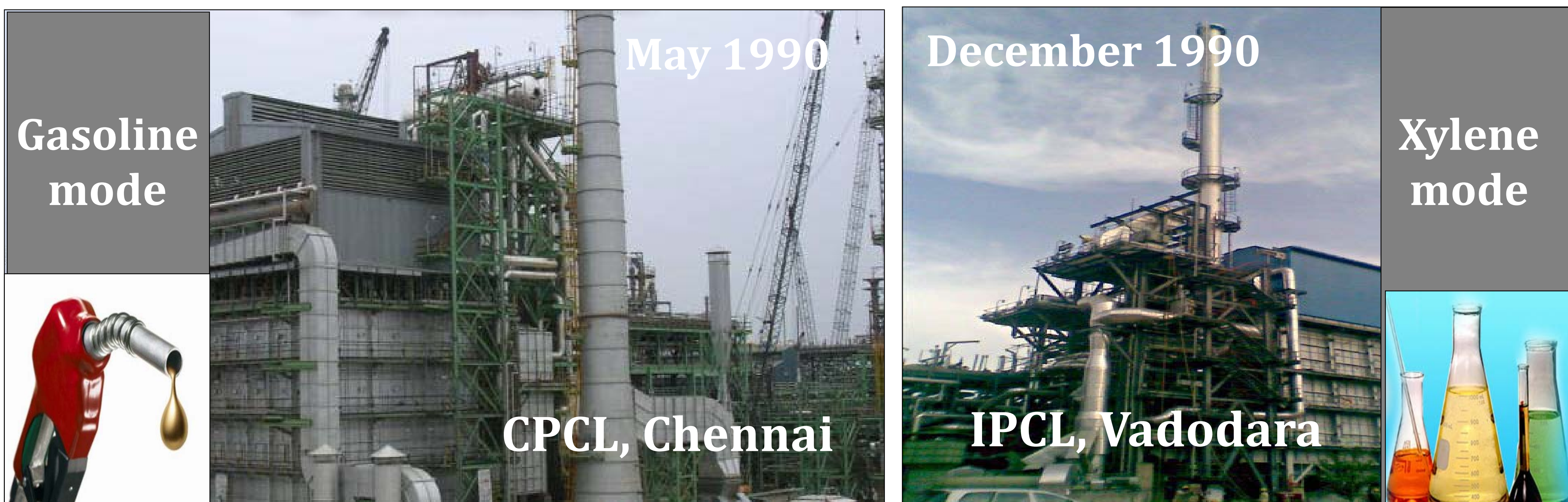


CSIR-Indian Institute of Petroleum has made efforts to make a remarkable break through in the development of indigenous Reforming catalysts. Extensive research carried out at IIP has resulted in successful design of a novel catalyst creating optimum acid sites and metal sites led to the development of a balanced Pt-Re/ $\text{Al}_2\text{O}_3$  catalyst called IPR-2001. The catalyst exhibits improved product quality in terms of  $\text{C}_5+$ , Octane, BTX and  $\text{H}_2$  yields along with improved catalyst life.



## Commercial Success : At CPCL and IPCL in 1990

The process technology developed based on indigenous IPR-2001 catalyst has been successfully commercialized at Two Indian Refineries



## Feedback from User Industry (CPCL)

“

*The performance of catalyst is quite satisfactory with good quality product especially with respect to reformate and  $\text{H}_2$  yields*

*In fact the reformate RON was achievable at  $5^\circ\text{C}$  temperature lower than what it was guaranteed*

*The catalyst was in operation successfully for about 21 months of single cycle length*

*Delta RON is 44 against guaranteed 42*”