

Portland Aluminum Smelter (Vic)

- Alcoa of Australia. \$450 million. Construction of initial phase began in 1980 for production of 120,000 TPY in 1983. Estimated cost \$465 million. To be ultimately expanded to 535,000 TPY. Feasibility study and EIS proceeding.

Gladstone Aluminum Smelter (Qld)

- Comalco (30 per cent), Kaiser Aluminium & Chemical Co. (20 per cent), Japanese interests (50 per cent). \$1 billion. Four potlines for capacity of 400,000 TPY. Construction of first phases to begin last half of 1979 for production of 103,000 TPY in 1981, 206,000 TPY in 1983, and 412,000 TPY to be reached by 1979. Bechtel is engineering and construction manager.

Tomago Aluminum Smelter (N.S.W.)

- Aluminum Pechiney (France 36 per cent, Gove Alumina 36 per cent, AMP Society 15 per cent). \$900 million. Feasibility study being done by company for 220,000 TPY smelter using alumina from Queensland Alumina Refinery in which Pechiney has 20 per cent interest. 110,000 TPY to come onstream in 1983, increased to 220,000 TPY in 1985.

Lochinvar Aluminum Smelter (N.S.W.)

- Alumax (Amox of U.S., Mitsui, BHP). \$890 million. 260,000 TPY. Start-up in 1984. Site work began in June 1980.

Perth Aluminum Smelter (W.A.)

- Alcoa. \$1 billion; first potline of 132,000 TPY to come onstream in 1986, with second potline of 108,000 later. Proposal submitted to W.A. government in August 1980.

Hunter Valley Aluminum Smelter (N.S.W.)

- Nabalco Aluminum. 150,000 TPY. No detailed plans announced.

REFINERIES

- Annual alumina production approximately 7.2 million TPY in four refineries:

1. Gladstone: 2.4 million TPY (Queensland Alumina)
2. Kwinana: 1.4 million TPY (Alcoa)
3. Pinjarra: 2.4 million TPY (Alcoa)
4. Gove: 1.0 million TPY (Nabalco)