

CURRICULUM VITA

Duncan SEDDON, BSc. (Hons), PhD, FRACI, CChem.

DATE OF BIRTH: October 10th, 1948
NATIONALITY: Dual Citizenship - United Kingdom and Australia
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ACADEMIC QUALIFICATIONS AND HONOURS

1967-1970 B.Sc. Special Hons. (First Class), Chemistry; University of Sheffield, U.K.
1970-1973 Ph.D. (Sheffield)
1973-1974 Personal Fellow of the Science Research Council at Imperial College, London.
1987 Fellow of the Royal Australian Chemical Institute.

EXPERIENCE

2000 - to date: Principal, Duncan Seddon and Associates Pty. Ltd.

Consultancy services to energy intensive and related industries. Expertise on fuels and refinery and petrochemical operations. Presenter of Master-classes on petrochemical and refinery economics, Gas to Liquids and Coal to Liquids technology and economics. Promotion of small scale GTL projects. Books "Gas Usage and Value", PennWell, 2006; "Petrochemical Economics", ICP Press, 2010. "Hydrogen Economy", 2022, *in press*

1988-2000 Managing Director of Hindsford Pty. Ltd. Mount Eliza, Victoria, Australia.

Promotion of the development of natural-gas conversion opportunities. Expertise on geological and economic analysis of gas production and field development and gas utilisation. Consultants to oil and gas industry groups on the development of un-utilised gas fields. Advice and courses covering all aspects of the petroleum refining and petrochemical industries. Detailed economic and technical appraisals of Fischer-Tropsch, Methanol to Gasoline and MTBE technologies. Publication of monographs detailing the production economics of methanol, ethylene, MTBE and LPG.

1982-1987 Broken Hill Proprietary Co. Ltd, 140 William Street, Melbourne, Australia.

Coordinator of gas conversion research team at the Company's Melbourne Research Laboratories; responsible for the ongoing technical development of the project and extensive liaison and management of joint research with CSIRO and a wide range of University groups.

1974-1982 ICI PLC (Petrochemicals Division), The Headquarters, Wilton, Cleveland, United Kingdom.

Research into the fundamental properties of polymerisation catalysts; Project Leader for development of catalysts for the aromatics business - technical, commercial analysis and legal activities; Energy Manager, (Oil Works, Billingham). 1980, seconded to ICI (Australia) Pty. Ltd., 1 Nicholson Street, Melbourne, Australia in order to build a team aimed at research and evaluation of new routes to petrochemicals from natural gas. .

Professional Activities

Fellow of the Royal Australian Chemical Institute; Member Australian Institute of Energy and Society of Petroleum Engineers. Served as a member of the Biological Committee of the AusIndustry *START* program. Member of GLG consultancy panel. Dr. Seddon has over 180 publications covering books, book chapters, refereed papers, patents and conference papers and general articles. Peer reviewer for *Journal of Catalysis*.