

ASSOCIATION OF CONSULTING ENGINEERS AUSTRALIA



The Association of
Consulting Engineers
Australia

The Voice of the Consulting Engineering Industry

- The Association of Consulting Engineers Australia (ACEA) represents Australian consulting engineering firms which provide technology based consulting services to government and private sector clients in Australia and 40 countries. Services are provided in the fields of building, infrastructure, transport, communications and information technology, project management, environmental management, geotechnical, electrical, mining, oil and gas.
- The ACEA is the voice of engineering firms in Australia. ACEA members number nearly 300 firms in all states and territories. These members constitute some three-quarters of the consulting engineering firms employing twenty or more people in Australia. Most large and medium-sized firms in the industry (over 90%) are ACEA members.
- Engineering consulting revenues of \$10.4 billion in 2003/04 were equal to 1.3 per cent of Australia's GDP of \$798 billion. Industry revenue has tripled since 1995/96 and share of GDP risen from 0.6 per cent to 1.3 per cent.
- Engineering firms employed 92,000 people in 2003/04, including 50,000 engineering and technical professionals. Employment in the industry has risen by 130 per cent since 1995/96, a much more rapid increase than the 15 per cent rise in national employment.
- The total value of projects designed by ACEA firms in 2002/03 was \$25 billion.
- Engineering services accounted for the major share of all service exports related to building and construction – 67 per cent of total building and construction services exports in 2002/03. Engineering consulting exports accounted for 1.4 per cent of Australia's total service exports of \$32.5 billion in 2002/03. Exports of engineering services have grown strongly and fairly steadily from \$141 million in 1992/93 to \$447 million in 2002/03, an average growth rate of more than 12 per cent a year.
- ACEA is represented on major government and private-sector industry bodies concerned with consulting engineering and building and construction. It is also a member of a number of bodies concerned with general business and industry issues.
- There are ACEA offices in all capital cities in Australia.
- ACEA is one of the largest members of FIDIC, the international association of engineering, technology and management firms related to the built and natural environment. FIDIC includes some 67 member associations worldwide.
- ACEA Firms supply the engineering design for the iconic infrastructure projects that define Australia. Projects include all of the major facilities for the 2000 Olympic Games, including Stadium Australia, the Superdome, the Olympic Village, the Olympic Flame Lighting Event and Aerial Effects; Sydney Crosscity Tunnel; Alice Springs to Darwin Rail Link; Sydney Opera House; Darling Harbour; Star City Casino; Colonial Stadium Melbourne; Federation Square Melbourne; National Museum of Australia; Sydney Domestic Terminals; the M1 Motorway in Sydney; Citilink in Melbourne and the Inner City Bypass in Brisbane; the WA Maritime Museum; and the Adelaide Convention Centre. Major international projects designed by ACEA firms include Hong Kong Airport, the Singapore Exhibition and Convention Centre, the My Thuan Bridge linking Vietnam and Laos, Shenzhen Aquatic Centre, and new Wembley Stadium. ACEA firms were also significantly involved in the stabilisation and remediation of the Ground Zero site in New York City, and have offered volunteer aid and resources to the regions affected by the Indian Ocean Tsunami.