

# Building Tomorrow's Engineers

Melbourne, 20 February 2008

1. New approaches to educating tomorrow's engineers.
2. Is there a rationale for implementing structural change to engineering & associated disciplines' education?
3. What are the tangible benefits of such changes to stakeholders (ie. employers, graduates, community)?
4. How do we enhance the quality of graduates?
5. Is there a need for a rebalancing of technical versus generalist skills?
6. Is there a need for revised content and pedagogies?
7. The global graduate - technological developments, global demographic changes, international trade.



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## *Clarifying the needs of business & industry:*

Designing the Responsive Curriculum

Workforce Planning & Skills Shortages

## **Solutions**



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## *Engineering Graduates in a Global Context – the new model:*

Rethinking undergraduate and graduate  
engineering education

**Beyond the Learning Curve**



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*Working and Learning:  
broadening skills in a context of change*

**The Global Graduate**



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## *The Future Requirements of the Profession:*

Accreditation and Standards

Linking R&D into Practice

**The Next Step**



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## *Working & Learning:*

Broadening skills in a context of change

## **The Way Forward**



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