Enhancing Industry Engagement in Engineering Degrees
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Goals: To improve the quantity and quality of engineering graduates by enhancing industry engagement in engineering degrees

Themes:
1. Guidelines
2. Projects

Lead: Australian Council of Engineering Deans

Partners:
1. 12 universities
2. 6 industry bodies

Grant from:
National Resource Sector Workforce Strategy
Effective Exposure to Practice based on theoretical literature

- Participation in socio-technical activities using tools and visual representations in an inclusive culture that values engineering practice as much as technical competence. Each year is more similar to real engineering practice.

- Reflection supported e.g. by portfolios and assessments linked to competencies for chartered status and including reflection on culture.

- Development of a mature identity as an engineer, understanding relevance of the program and well prepared for the transition to become a successful engineer.
Guidelines

Curriculum Themes
1. Education centred on engineering practice
2. Curriculum design incorporating students’ whole experience
3. Integration of socio-technical dimensions of practice
4. Reflective practice

Recommendations circulated before the meeting
• 9 for engineering faculties
• 3 for industry
• 6 for industry bodies and governments

How relevant is this to ICT?