



# Construction Safety Competency Framework Implementation

Dr Herbert Biggs

School of Psychology and Counselling, Queensland  
University of Technology

Dr Don Dingsdag

School of Natural Sciences, Hawkesbury Campus,  
University of Western Sydney

Dr Colette Roos

School of Psychology and Counselling, Queensland  
University of Technology



# Partners

- Funders and Advisors
  - CRC Construction Innovation
  - Office of the Federal Safety Commissioner
  - QUT
  - WA Dept Housing and Works
  - RMIT
  - John Holland Group
  - Bovis Lend Lease
  - Leighton Contractors
  - Thiess Contractors
  - St Hilliers



# Background

- Original “Construction Site Safety Culture” Project outlined 39 Safety Management Tasks (SMT’s) for 11 safety critical positions
- The project developed for each of the 39 SMT’s
  - process steps
  - Knowledge, skills and behaviours
  - Culture outcomes



# Background

- Next step aims to continue the development of the original project by
  - Selection of a smaller number of logical occupational groupings
  - Development of SMT Implementation packs for each audience
  - Consult with industry on design and content
  - Provide up to 100 complimentary starter kits to industry



# Methodology

## Phase 1

- Identify Key Organisations
  - The original 11 ACA companies
  - Additional five 2<sup>nd</sup> tier companies
  - Regulatory bodies for comment



# Methodology

- Develop draft material for comment
  - Four audiences tentatively identified
    - Managers
    - Safety professionals
    - Engineers and Project Managers
    - Construction Site Workers



# Methodology

- Industry feedback on draft material
  - Material provided to all 16 companies
  - 8 companies will be visited by the CI's
  - Regulatory bodies invited to comment
  - This to occur in July 07
  - Following feedback, development of near to final material for comment



# Methodology

- Industry feedback on near to final material
  - Material provided to all 16 companies
  - Other 8 companies will be visited by the CI's
  - Regulatory bodies invited to comment
  - This to occur in September 07
  - Following feedback, development of final material





# Project Completion

- Product launched Nov/Dec 07
- 100 complimentary kits provided to participating companies
- Additional kits for purchase from either CRC CI or OFSC



# Some early ideas

- Material customised for each audience
- Range from hot-linked web based data to plasticised flip charts for use on site
- Incorporation of current best practice via industry consultation
- Material designed for easy updates

