



Manufacturers' Monthly - Australia's leading manufacturing news website

Home News Products Feature Articles Video Topic Pages Resource Centre Awards Links



Go

News

Major engineering report set for release

21 October 2009



On 5 November 2009 The Warren Centre for Advanced Engineering will launch a major report, which reviews professional engineering performance, innovation and risk. It sets out to define Australian engineering professionalism for the 21st century.

The Chair of the Professional Performance Innovation and Risk (PPIR) project team, Ian Dart said: "Given the dominant place engineering has in the Australian economy particularly in resolving our major challenges in infrastructure, energy and water, the report is not only timely but of interest to all.

"The central finding of the report is that in order to maximise the effectiveness of engineering, we need a way of defining and formally recognising how all those involved in an engineering endeavour interact with and respond to one another.



"This will help us to gain the best advantage of each engineer's professional skills, knowledge and experience to maximise the benefits the whole profession can bring to the Australian economy."

"This is an internationally ground-breaking report. The publication of a PPIR Protocol in the report is the first time performance in engineering has been defined anywhere in the world."

Additionally, the report explores the role of the engineer; the expectations of community and clients; the contemporary and professional realities for engineers; the effects of complex laws on everyday

engineering; engineering risk and responsible risk-taking; and the relationships between professional performance, innovation and risk.

"In addition to the PPIR Protocol which defines performance for individual professional engineers, the report proposes three further initiatives.

"HARF (Hazard and Risk Framework) calls for a new approach to risk assessment and management. AS.PPIR is a corporate equivalent of the PPIR Protocol which will need to be produced into the form of an Australian Standard. Finally, an organised approach for the engineering industry and profession to make more effective use of the expert testimony system of our courts is also recommended," Dart said.

"Together these initiatives outline a program of change specifically designed to bring benefits to all those involved in buying, selling or using engineering products or services.

"The report was five years in development, involving many workshops with more than 200 practising professional engineers and detailed investigation of practices in other Australian professions and of engineers overseas.

"It has been backed by 30 sponsors and supporting organisations representing both private and public sector stakeholders across all areas of the engineering industry and profession," Dart said.

For further information and copies of the report contact Robert Mitchell 02 9351 4048 or visit www.warren.usyd.edu.au/ppir

Tags: [engineering](#) | [Ian Dart](#) | [PPIR](#) | [professional engineering performance](#) | [Professional Performance Innovation and Risk](#) | [The Warren Centre for Advanced Engineering](#)

Just in:

- [OHS smarts and solutions on show](#) (21 October 2009)
- [Rapid prototyping program attracts over 50 companies/agencies](#) (21 October 2009)
- [Major engineering report set for release](#) (21 October 2009)
- [Details on Commercialisation Australia announced](#) (21 October 2009)
- [More signs of world economy recovery](#) (19 October 2009)

[Add a comment](#)

Newsletter sign up

Sign up

Sign up to receive the latest breaking news

[Advertise with us](#)
[Coming up next issue](#)
[Editorial Guidelines](#)
[Subscribe](#)



Archives

[News Archive](#)
[Feature Articles](#)
[Product News](#)



News barometer

Latest industry surveys indicate manufacturers are through the worst. How is your company travelling now?



Vote



[Risk Management Pays](#)
Manage risks & opportunities Download 3 free white papers
www.synergy.com

Ads by Google

Add a new comment

Name *

Email *

Comment *

Security Code *  Enter the code shown:

Most Viewed Articles

- Gearless encoders** (21/10/2009)
- More signs of world economy recovery**
(19/10/2009)
- Boost in US manufacturing** (19/10/2009)
- More cutbacks possible at Cadbury**
(19/10/2009)
- Holden workers accept hardship package**
(19/10/2009)
- Free seminars for manufacturers** (19/10/2009)
- Three new hazardous areas Standards**
(19/10/2009)
- Industry welcomes CPRS negotiations**
(19/10/2009)

Most Viewed Categories

- manufacturing news
- Australian manufacturing
- Materials handling workplace safety OHS
- Safety First australian government
- Endeavour Awards 2009 Australian made
- IT@MM sustainable manufacturing
- Made in Australia Industry minister
- Senator Kim Carr
- Metalworking and Machine Tools
- climate change Manufacturers' Monthly
- Ai Group industry news
- energy efficiency endeavour awards
- automation NMW Kim Carr
- Heather Ridout automation and robotics
- CSIRO industrial software

Related Sites

- | | |
|----------------------------------|------------------------------------|
| Mining Australia | Electronics News |
| Logistics Magazine | Packaging |
| Food | Man Monthly |
| myFen | Pace Today |
| Safe to Work | Materials Handling |
| Industrial IT | Metal Worker |
| Factory Maintenance | Test & Measurement |
| Fluid Handling | Motors & Drives |
| Robotics & Automation | Hydraulics & Pneumatics |
| Cranes | Earth Moving |
| Construction Hire | Lifting & Access |
| Road Construction | Mine Vehicles |
| Minerals Processing | Drilling & Blasting |
| Coal Mining | Mining Safety |