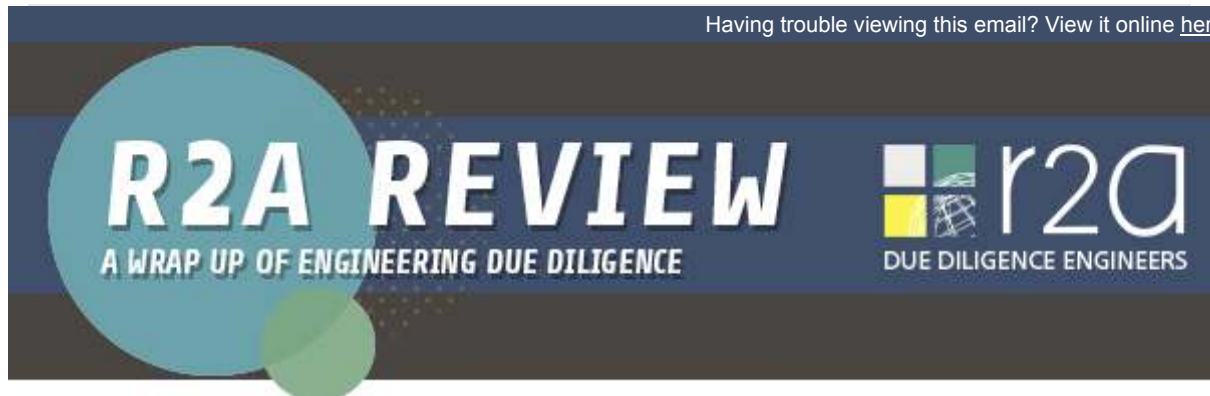


From: Gaye Francis <gaye.francis@r2a.com.au>  
Subject: The Law and Engineering & other news from R2A

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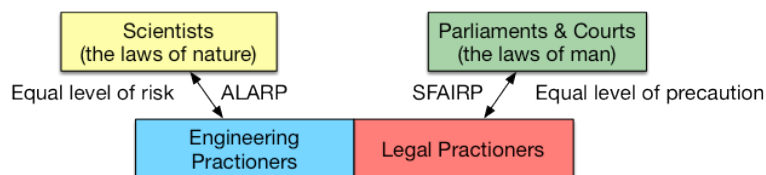
## **R2A PRACTICE UPDATE - FEBRUARY 2017**

Welcome to 2017 and what is shaping up to be an interesting year with a number of projects already kicking off.

Richard's academic year will start again in March delivering Swinburne University's core post-graduate unit *Introduction to Risk & Due Diligence*. Gaye and Tim will provide guest lectures for the unit as well as facilitate the tutorial sessions.

Gaye's appointment to the Energy Safe Victoria Powerline Bushfire Safety Committee continues its work in 2017 as does Tim's continued involvement with the Victorian Committee for the College of Leadership and Management.

If you have a project you would like to discuss, please do not hesitate to call us on [1300 777 333](tel:1300777333).



## **THE LAW AND ENGINEERING**

The notion of engineering due diligence has expanded into Australian society, gradually displacing pure risk management as the ultimate aim of engineering decision-making. Numerous national and state-based laws have moved from mandating risk assessments to imposing specific duties to exercise due diligence, in health and safety, environmental protection and other areas.

## **OUR PRACTICE**

R2A is an independent firm of Consulting Engineers specialising in Due Diligence Engineering.

Read the R2A white papers on our primary areas of practice:

[PROJECT DUE DILIGENCE](#)

[OPERATIONS DUE DILIGENCE](#)

[SAFETY DUE DILIGENCE](#)

Or read our [corporate profile](#).

## **WORKSHOP DATES**

R2A is partnering with Engineering Education Australia to deliver a two day Due Diligence workshop.

**BRISBANE** 08-09 MAR

**SYDNEY** 04-05 APR

**MELBOURNE** 03-04 MAY

**WELLINGTON** 24-25 MAY

**PERTH** 21-22 JUN

**BRISBANE** 23-24 AUG

**MELBOURNE** 25-26 OCT

Workshop objectives and testimonials can be found [here](#)

However, some standards and other non-mandated guidelines, regardless of legislated and common law precaution-based (SFAIRP) requirements and judgments (the law of man), still promulgate approaches requiring the 'scientific' (ALARP) measurement and comparison of risk. This is presumably done with the view that risk can be examined and dissected as part of the laws of nature. Engineering and legal practitioners find themselves caught between these competing paradigms.

Read more [here](#).



## **EEA R2A DUE DILIGENCE WORKSHOP**

The first date for the [Engineering Due Diligence workshop](#) held in conjunction with Engineering Education Australia is fast approaching and is to be held in **Brisbane on the 8th & 9th of March, 2017**.

This workshop provides decision-makers with the tools to implement due diligence processes ensuring the laws of nature are managed to the satisfaction of the laws of man. This includes project, safety, environmental and financial outcomes.

Book [now](#).



## **LAW AS ENGINEERING EVENT**

R2A welcomed Professor David Howarth to Melbourne for his presentation Law as Engineering. The event, on the 7th of February at Engineers Australia, attracted over 60 engineers and lawyers. This event was the first of the planned Conversation Series featuring thought provoking lawyers and engineers. The remaining sessions for 2017 are as follows:

- Risk equity means equal protection, not equal risk
- Precautionary Principle vs Precautionary Approach
- Legal vs Engineered Due Diligence (panel discussion).

## **R2A DUE DILIGENCE 10TH EDITION UPDATED TEXT**

The [10th Edition Updated](#) text represents our transition from a text on risk and reliability to a complete engineering due diligence approach.

The need for a 2016 update is based on the volume of new legislation in Australia in the past 18 months and recent case law.

Purchase or find more information on our new website [here](#).

## **APTO PPE**

R2A is proud to be involved with [Apto PPE](#), a new entrant in the PPE market, supplying fit for purpose female workwear, including a maternity range.

**Apto<sup>o</sup>**  
PERSONAL  
PROTECTIVE  
EQUIPMENT

## **CONNECT**



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## **EVERYONE IS ENTITLED TO PROTECTION - BUT NOT ALWAYS THE SAME LEVEL OF RISK**

When it comes to dealing with a known safety hazard, everyone is entitled to the same minimum level of protection.

This is the equity argument. It arises from Australia's work health and safety legislation. It seems elementary. It is elementary. It has also, with the best intentions, been pushed aside by engineers for many years.

Read more [here](#).

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