

INFRASTRUCTURE RENEWAL

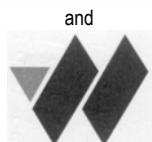
White Elephants to Winners

Australian Academy of Technological Sciences and Engineering
(ATSE)

NSW Division Invited Seminar 2006

Wednesday, 17th May, 1300-1830

ATSE
acknowledges the support
of



THE WARREN CENTRE, University of Sydney

The speakers will address issues of long-term national importance focusing on the stimulation of existing infrastructure. Large, medium, and small corporations as well as governments are all stakeholders in seeing infrastructure rehabilitated for the benefits of industry, the community, and the nation.

The Seminar provides an unrivalled opportunity to discuss issues with an audience drawn from company boards and senior management, government policy advisers, financiers, researchers, and consultants.

THE AUSTRALIAN ACADEMY OF TECHNOLOGICAL SCIENCES AND ENGINEERING NSW DIVISION

The Academy (ATSE) is an independent, non-government organisation dedicated to the promotion in Australia of scientific and engineering knowledge to practical purposes. It unites Australia's most eminent engineers and applied technologists in an unrivalled academic and advisory institution for the engineering and technological sciences.

The ATSE is a body of over 700 Fellows of proven ability and experience, elected to membership through leadership, individual achievement, or innovative management in industry. Approximately 30 new members are invited to join each year.

The Academy provides a unique resource of proven Australian skills and experience in each of the following fields:

- Physical technologies
- Biological technologies
- Engineering including infrastructure
- Management of technological industries

PROGRAM

Registration 1300 - 1330

Introduction & Welcome 1330 - 1345

John Nutt, FTSE, *Chair, NSW Division, ATSE*
Jennifer Sanders, *Deputy Director, Powerhouse Museum*

Session 1 - Challenges of Infrastructure Renewal

Alan Chappel, FTSE
Former Regional Director, Connell Wagner

Session 2 - Stranded at Low Pressure – Asset at High Pressure

John Ferguson,
Manager, Asset Development, Agility Management P/L

Session 3 - Renaissance at Cockatoo Island

Nicholas Hollo,
Deputy Executive Director, Sydney Harbour Federation Trust

Tea / Coffee

Session 4 - Can Stranded Assets become Critical Assets in the Connected Information Economy?

Kevin Bloch,
Regional Mgr, Advanced Technologies, CISCO Systems Aust.

Session 5 - Powerhouse to Powerhouse Museum

Lionel Glendenning,
Director of Architecture, HBO+EMBT

Session 6 - Designing Infrastructure for Technological Adaptability

Cliff Hooker, FAHA,
Professor, School of Liberal Arts, University of Newcastle

Session 7 - Discussion

Chair: Dr David Cook, FTSE
On the Day Summary and Closure
ATSE Rapporteur

Drinks and networking 1800-1830

INFRASTRUCTURE RENEWAL

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Wednesday, 17th May 2006 –1.00pm to 6.30pm
PowerHouse Museum, 500 Harris St, Ultimo, SYDNEY

REGISTRATION FORM AND TAX INVOICE (ABN 58 008 520 394)

TITLE: (please specify) _____

FULL NAME: _____

POSITION: _____

ORGANISATION: _____

ADDRESS: _____

TELEPHONE: _____

FACSIMILE: _____

EMAIL: _____

COSTS: For the afternoon sessions and drinks function

\$245 PER PERSON (INCL OF GST)

\$155 PER PERSON (INCL OF GST) – ACADEMY FELLOWS

PAYMENT

Total amount: \$ _____

CHEQUE (please enclose) to "The Academy of Technological Sciences and Engineering"

Mastercard Visa

Card Number: _ _ _ _ _

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Name of signatory: _____

REFUNDS POSSIBLE UNTIL 8 May 2006

Tick the attached box if you do not wish to receive mailings on the ATSE November 2006 Symposium

PLEASE RETURN THIS FORM with your payment to:

Academy of Technological Sciences and Engineering

PO Box 355, Parkville, Victoria 3052

Telephone: 03 9340 1200

Facsimile: 03 9347 8237

E-Mail: Joannet@atse.org.au

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Australian Academy of Technological
Sciences and Engineering

Objectives

This seminar deals with identifying, reviving and funding new uses for assets stranded by disruptive technology or the passage of time. It will define the characteristics that help to identify opportunities, stakeholders, ownership of such infrastructure, whether public or private or of a hybrid ownership structure.

Perceptive planning is a necessary prelude to this identification and should replace the present ad hoc approach and possible abandonment of potentially useful facilities. It will provide useful guidelines for government and large industry. This seminar would seek to identify the likely life of new infrastructure considering the likely rate of change of the underlying technologies. New technological infrastructure tends to have a very much shorter expected lifespan than conventional infrastructure as in the ICT field where technology changes dramatically every ten years or more frequently, resulting in stranding assets more rapidly. It will help to clarify the present public questioning of the PPP type of project.

In some fields, technology has eliminated the need for some infrastructure or brought the sunset horizon much closer in time. Different investment strategies will be required and changes to maintenance planning introduced to ease the infrastructure out of service in time to avoid overspend.

The Seminar will be of interest to the community, government and companies investing in such projects.

Changes through Technology:

- turning old infrastructure assets into profits
- innovation management
- managing change and growth in a volatile environment
- product development and ownership
- risk management
- decision making in an uncertain marketplace
- coordination of disparate elements
- leadership

ADVANCE NOTICE

ATSE National Symposium, Sydney 20 – 21 November 2006

“New Technology for Infrastructure – *The World of Tomorrow*”

New technology is the key to more affordable infrastructure. It also drives necessary change. These intersecting factors are addressed in this Seminar. Come and help us identify the necessary innovations for effective future infrastructure.

More information is on the Academy's website www.atse.org.au

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2006 NSW Division Invited Seminar
17th May 2006, 1.00 pm - 6.30pm

Venue: Target Theatre,
PowerHouse Museum
500 Harris St, Ultimo, Sydney