

STAKEHOLDER ENGAGEMENT IN THE PERFORMANCE APPROACH – THE PeBBu NETWORKS

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BENEFITTING FROM PeBBu

You have the potential to gain from & contribute to:

- PeBBu activities
- Worldwide developments in performance based building

	Network	Development
Australia	✓	✓
International (Europe, Asia + N. Am)	✓	✓

AGENDA

- Performance Based Building
- Overview of EU- & Aus-PeBBu
- Domains, Resources & Linkages
- Final Remarks

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PERFORMANCE-BASED BUILDING (PBB)

... is primarily concerned with the description of **what a building process, product and/or service is/are required to achieve** (the 'end'), **not** about **how they should be achieved** (the 'means')

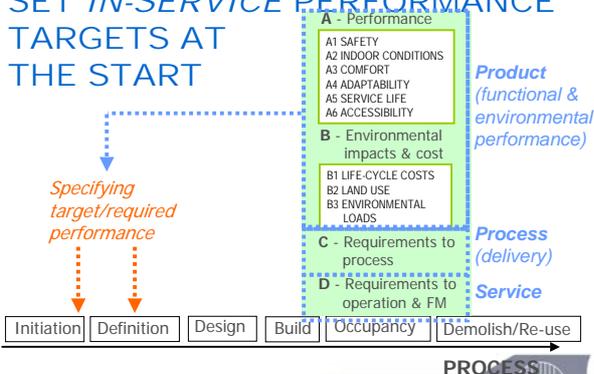
e.g., T-Q-C, H&S, ROI, etc
i.e., functional/technical
e.g., facility management issues, etc

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SET IN-SERVICE PERFORMANCE TARGETS AT THE START

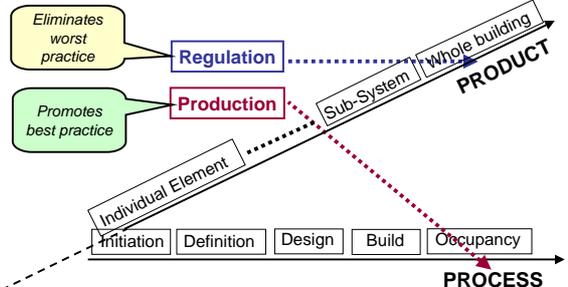
Specifying target/required performance



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APPLICATIONS OF THE PERFORMANCE APPROACH



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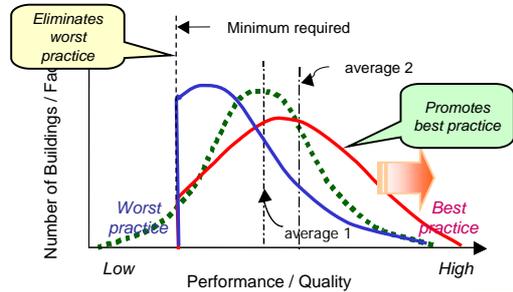
APPLICATIONS OF THE PERFORMANCE APPROACH

- Building regulation
 - A *permissive* action
 - Specifies the *worst* possible building that can be constructed (i.e., minimum requirements)
- Building procurement and production
 - An *initiative* action

From: Gross 1996

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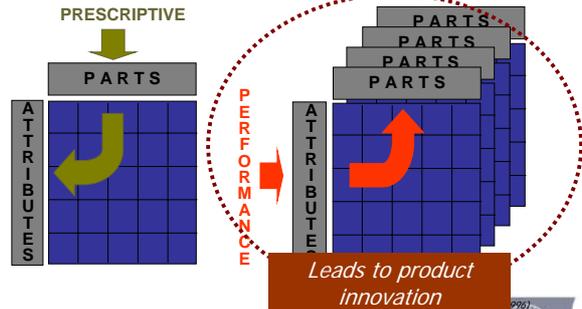
ELIMINATING WORST PRACTICE & FACILITATING BEST PRACTICE



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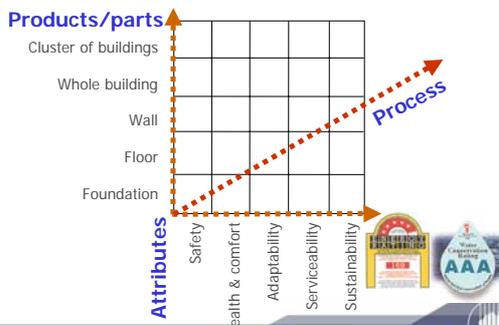
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LEADS TO PRODUCT INNOVATION



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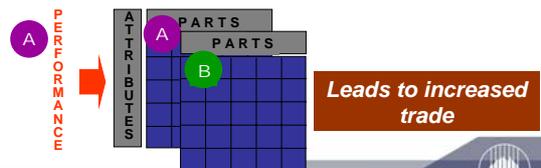
FOCUS ON WHOLE PERFORMANCE



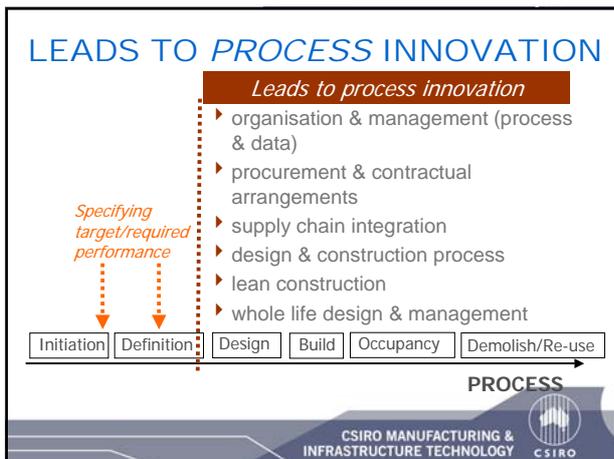
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WTO General Agreement on Tariffs & Trade

Clause 2.8, Agreement on Technical Barriers to Trade
 "Wherever appropriate, (GATT) Members shall specify technical regulations based on product requirements *in terms of performance* rather than design or *descriptive* characteristics."



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COMPETITIVE AND SUSTAINABLE GROWTH

EU Funded Thematic network
PeBBu: Performance Based Building

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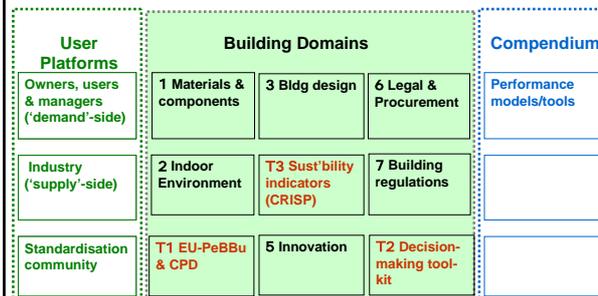
- ## EU-PeBBu OVERVIEW
- 2002 to 2005 - Euro 2.5M
45 EU & 10 non-EU Members
- General information**
 - News articles / news letter**
 - Data bases**
 - Member organizations and their contacts, tasks & meetings
 - Research mapping**
 - Persons with expertise, research projects, publications & papers
 - Full Domain reports and summary Domain reports**
 - International PBB State-of-the-Art Report**
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- ## EU- & Aus-PeBBu OBJECTIVES
- To stimulate and facilitate *Australian* & *int'l* dissemination and implementation of Performance Based Building
 - Through maximization of the contribution to this by the *international/Australian* R&D community
 - International/ Australian* programming, coordination and dissemination of R&D
 - Stimulation of targeted R&D investments
 - Worldwide/ Australian* access to information
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EU-PeBBu PROGRAM



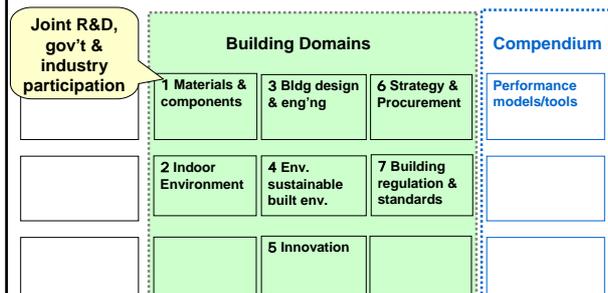
EU-PeBBu PROGRAM



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Aus-PeBBu PROGRAM



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<http://www.auspebbu.org>

ADVISORY COMMITTEE

- **Dr George Walker**, AON Reinsurance (Sydney)
- **Andrew Clowes**, Jones Lang LaSalle (Brisbane)
- **Judith Carr**, SA Department of Administrative and Information Services (Adelaide)
- **John McDonald**, DesignInc (Melbourne)

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Aus-PeBBu SECRETARIAT

- **Program Director:** Dr Greg Foliente (greg.foliente@csiro.au)
- **Deputy Program Director:** Dr Phillip Paevere (phillip.paevere@csiro.au)
- **Coordinator:** Peter Boxhall (peter.boxhall@csiro.au)

Aus-PeBBu is funded by the Australian Department of Education, Science & Training, CSIRO and industry partners

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the australian performance-based building network

AUS-PeBBu

Home Program & Activities News & Events Compendium Resources Register/Login Links

Overview

The program of the Australian Performance Based Building Network (Aus-PeBBu) is directed at ensuring significant Australian involvement in and benefits from the European Union funded Performance Based Building (PeBBu) Network, which is operating from August 2001 to August 2005. Australian researchers and industry representatives are participating in the meetings and activities of the European Network as well as running relevant Aus-PeBBu activities (working groups and industry seminar/workshops) in Australia.

CSIRO's Division of Manufacturing and Infrastructure Technology has received industry and CSIRO support and a three-year funding grant (from July 2003) under the Innovation Access Programme of the Department of Education, Science & Training (DEST) to operate Aus-PeBBu. The Innovation Access Programme aims to promote innovation and competitiveness by increasing Australian access to global research and technologies, and facilitate their uptake by Australian researchers and firms.

CSIRO has undertaken to coordinate the Australian participation in the European

<http://www.ausebbu.org>

DOMAIN 1: Materials & Components

- **Coordinator: Dr Ivan Cole**
E-mail: ivan.cole@csiro.au



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DOMAIN 2: Indoor Environments

- **Coordinator: Dr Steve Brown**
E-mail: steve.brown@csiro.au



- **Dr Phillip Paevere**
E-mail: phillip.paevere@csiro.au



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DOMAIN 3: Building Design & Engineering

- **Coordinator: Dr Lam Pham**
E-mail: lam.pham@csiro.au



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DOMAIN 4: Environmentally Sustainable Built Environment

- **Coordinator: Dr Greg Foliente**
E-mail: greg.foliente@csiro.au



- **Dr Peter Newton**
E-mail: peter.newton@csiro.au



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DOMAIN 5: Innovation

- **Coordinator: Peter Scuderi**
E-mail: p.scuderi@construction-innovation.info
- **Possible participants**
 - CRC Construction Innovation members



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DOMAIN 6: Strategy & Procurement

- **Coordinator: Dr Selwyn Tucker**
E-mail: selwyn.tucker@csiro.au



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DOMAIN 7: Building Regulations

- **Coordinator: Brian Ashe**
E-mail: brian.ashe@abcb.gov



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http://www.pebbu.nl

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	<i>Network</i>	<i>Development</i>
Australia	✓	✓
International (Europe, Asia + N. Am)	✓	✓

BENEFITTING FROM PeBBu

The more you participate, the more you benefit!