

ASBESTOS: the next national plan

Proactivity, prevention, planning

Welcome



#2018ASEACONF



Australian Government
Asbestos Safety and Eradication Agency



WELCOME VIDEO FROM ASBESTOS SAFETY AND ERADICATION COUNCIL CHAIR

Diane Smith-Gander

Chair, Asbestos Safety and Eradication Council

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COMMEMORATION OF LIVES LOST

Peter Tighe

Former Chief Executive Officer,
Asbestos Safety and Eradication Agency

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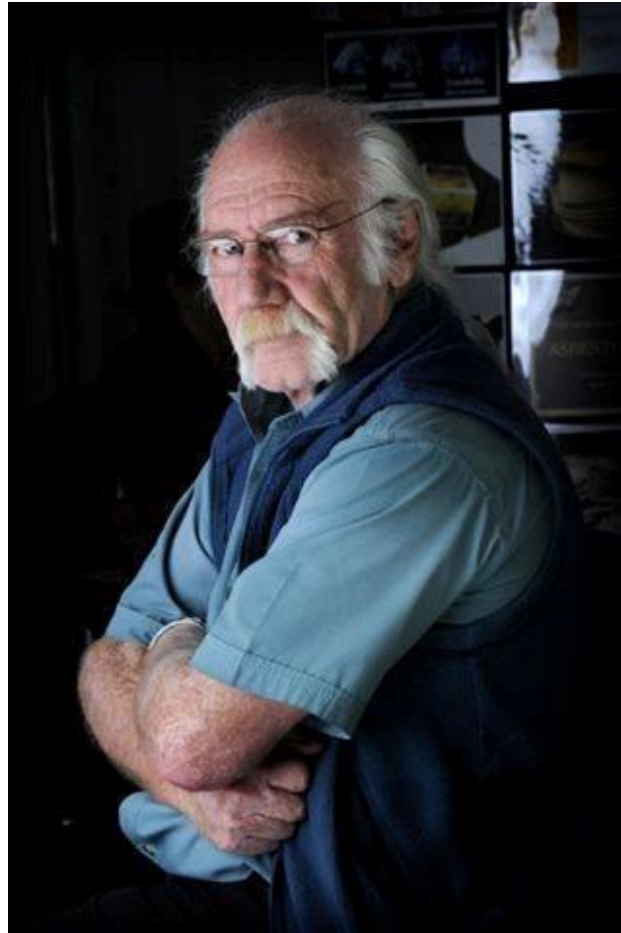


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Terry Miller OAM



Prof Doug Henderson OAM



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PLENARY KEYNOTE
*Setting new standards -
Energy Queensland's journey to becoming
asbestos-free by 2030*

Wayne Cullen
Asbestos Manager,
Energy Queensland

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Setting new standards

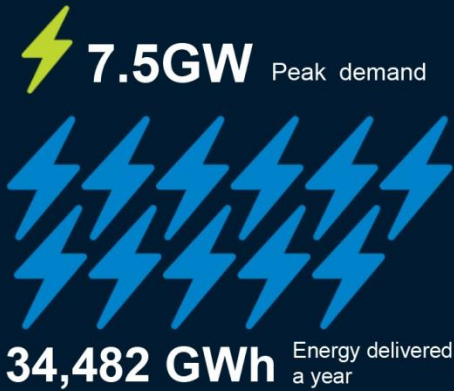
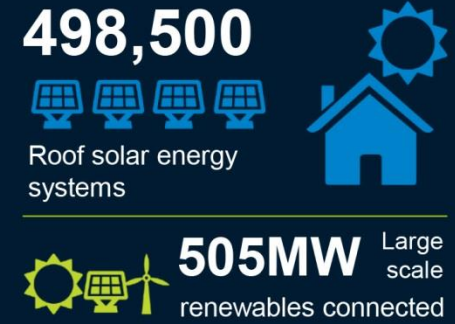
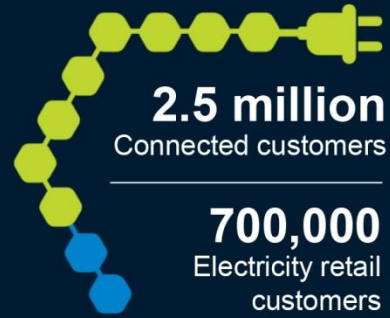
Energy Queensland's journey to becoming asbestos free by 2030



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About us



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1400

Sites built prior to 2004 audited and risk assessed

176

Houses, Depots and offices

38

Power stations

1189

Sub stations and communication sites



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Our Challenge/Our Promise

Mandate Set – Expectation - All buildings and facilities Asbestos free by 2030

Strong Decisive Leadership set by the Energy Queensland (EQL) CE, David Smales, Senior Management and the EQL Board.

Supported by:

- Asbestos Management Policy and
- Prioritised Asbestos Removal Plan, consisting of:
 - Priority 1 Sites – Company owned residences and High Risk sites
 - Priority 2 Sites – Depots and Offices
 - Priority 3 Sites – Substations/Comm sites etc
- Our Trade Unions – including the ETU



Our Challenge/Our Promise

Removal of asbestos from all Ergon Energy and Energex sites by 2030

559 Energex and 77 Ergon Energy sites identified with ACM

- depots
- Offices
- company owned residences
- Substations
- power stations
- communications sites



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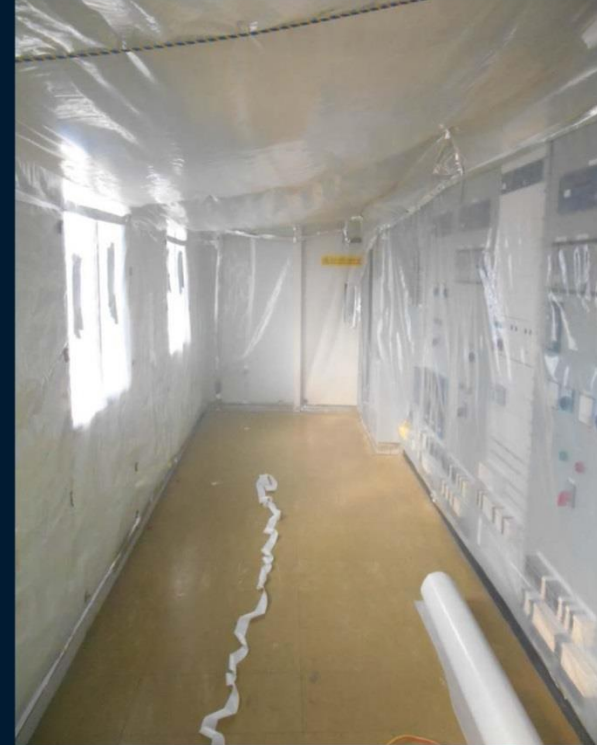


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Our Commitment/Our Promise

- Energy Queensland will not sell-on properties with ACM
- Removal of asbestos material and refurbishment of all sites by 2030
- \$11.5m budget in current regulatory period
- \$6m budget submission for 2020-2025 regulatory period



Our Commitment/Our Promise

- Removal of other Asbestos Contain Materials such as
- 90 000 Bakelite meters from Qld customer premises per year
- Friable asbestos Silva Link fuses from Qld Electrical Networks
- Friable asbestos equipment located within High Voltage Plant



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Our Progress

61,346 m² of ACM removed from 456 sites in the past 5 years



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Challenges

- Merger of 2 Companies with different historical cultures in regards to managing asbestos
- One point accountability and responsibility V multiple business units.
- Changing perception to the hazard. Operations V Support
- Operationalising the Mandate.



Energy
Queensland



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Managing the Hazard day to day

- Leadership
- Education and awareness
- Stakeholder engagement, internally and externally
- Worker focused Safe Work Method Statements and Asbestos Removal Control Plans that the workers are happy to follow, not ones just to meet compliance
- New equipment
- Technology, i.e. Quick Responses Codes (QR) for site asbestos registers, equipment such as HEPA Vacuums and PAPR's and HV equipment



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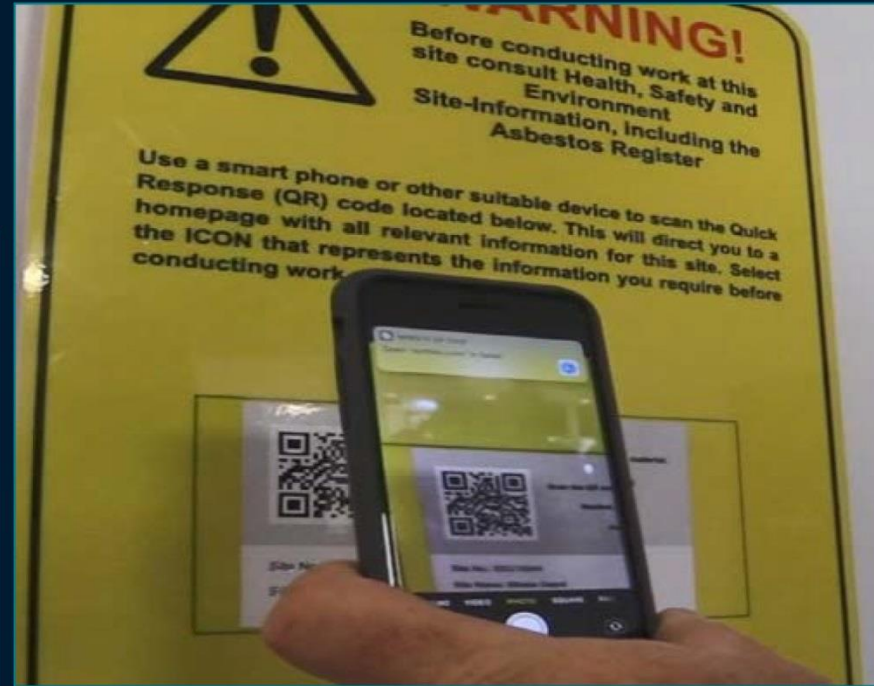
WARNING ASBESTOS USE ONLY

You must be trained
before using machine

Scan the QR code to
view training video



PAPR



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PLENARY SESSION

Lessons learnt from two of Australia's dust diseases schemes

- **Julie Kuralsoy** Manager,
Compensation and Health Care Services,
icare Dust Diseases Care
- **Kate Clark** Deputy Registrar, Common Law Division
Supreme Court of Victoria

icare NSW Dust Diseases Care

Julie Kuralsoy- Manager Compensation and Health
Care Services



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Who we are

- icare dust diseases care

Dust Diseases Care provides compensation and support for workers who have a NSW no fault work-related dust disease, and their dependents

We provide:

- medical examinations for workers
- compensation payments
- payment of medical & healthcare expenses
- information & education about dust diseases
- funding for research into, and support for, dust diseases

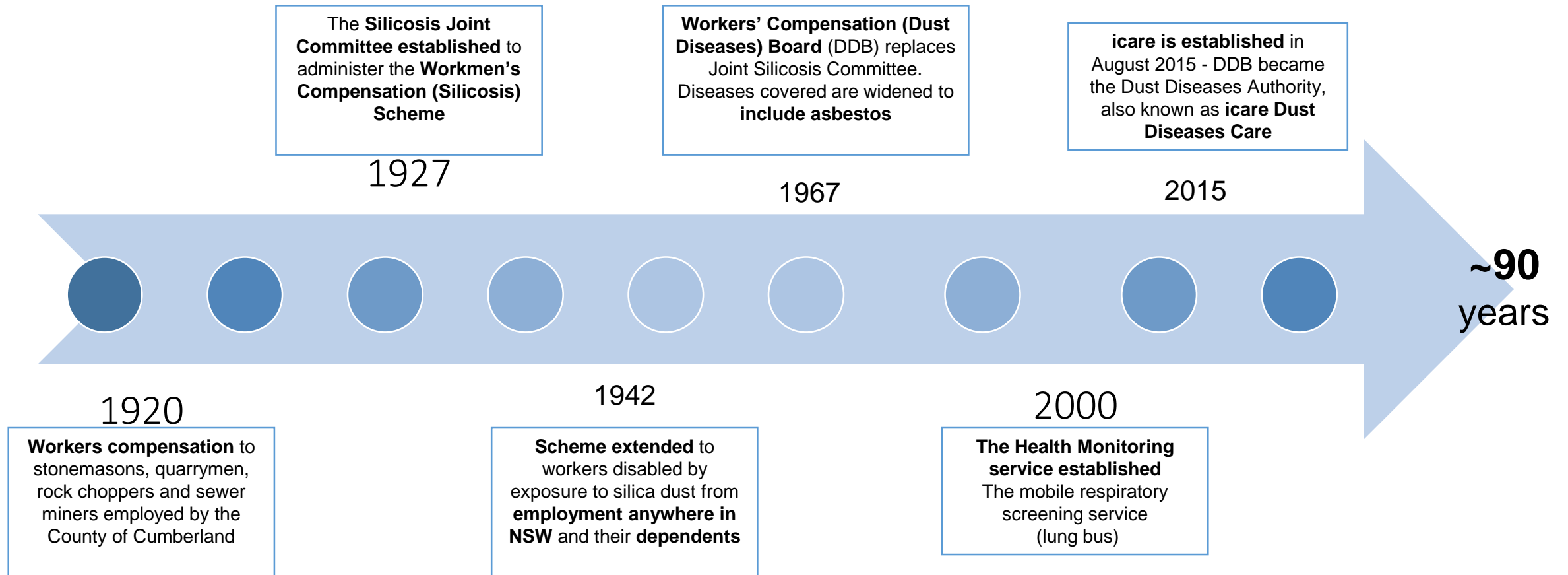
Relevant legislation:

- **Workers' Compensation (Dust Diseases) Act 1942**



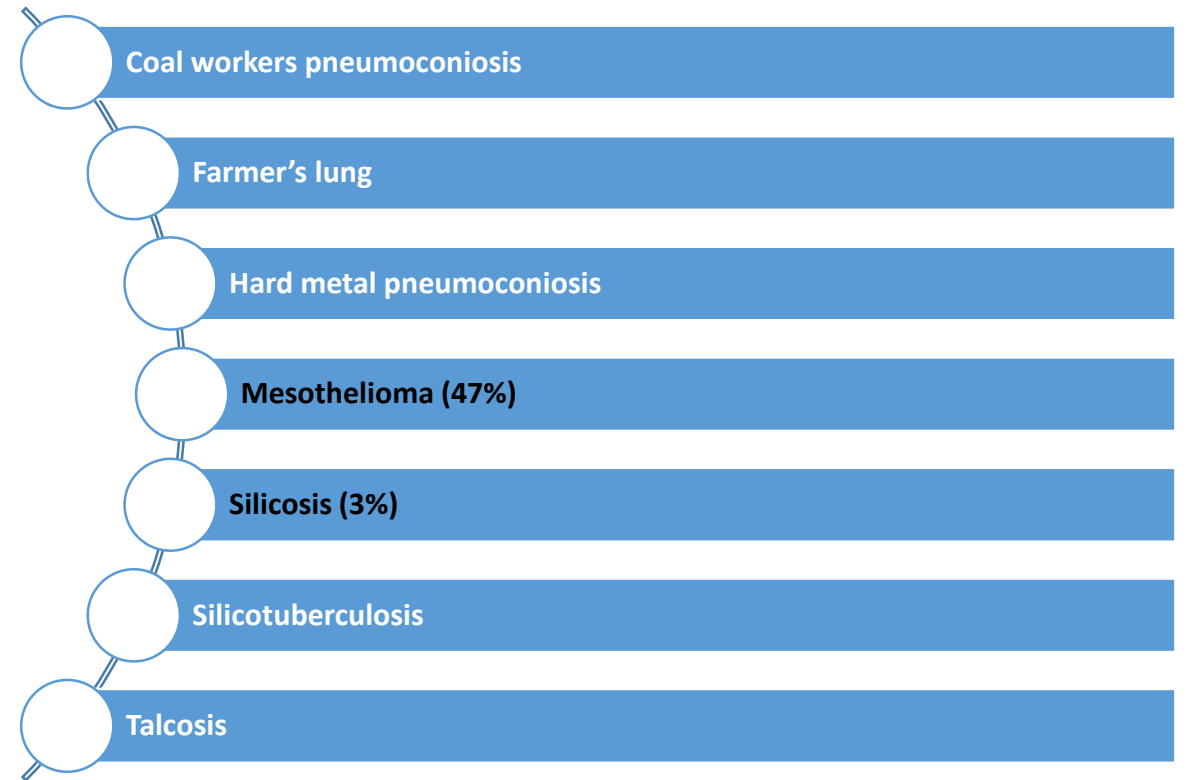
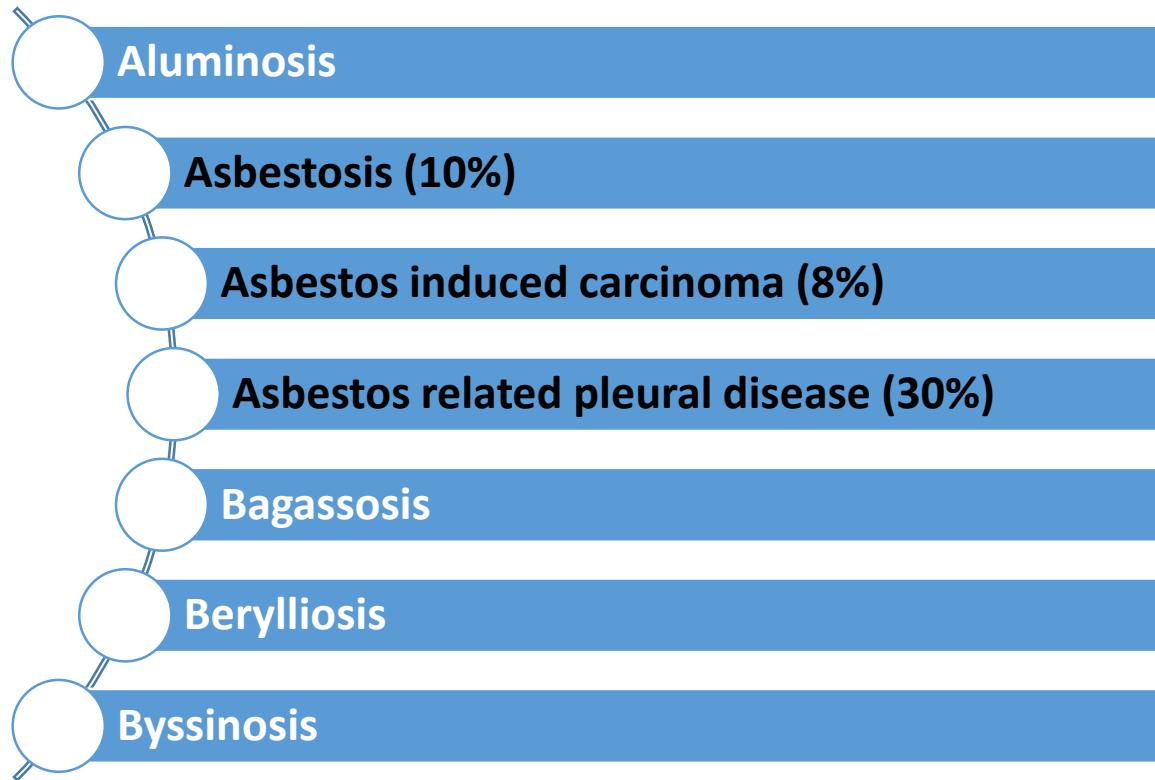
Dust Diseases Care History

- From the Silicosis Joint Committee to icare dust diseases care



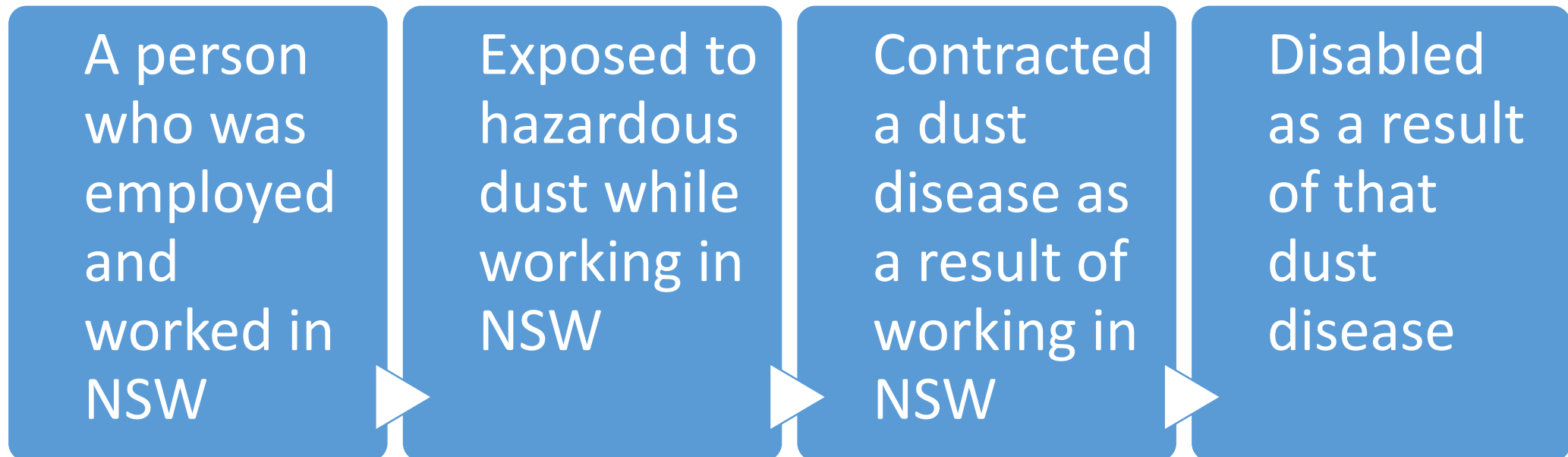
Dust diseases covered

- 14 types of work-related dust diseases are covered under the scheme



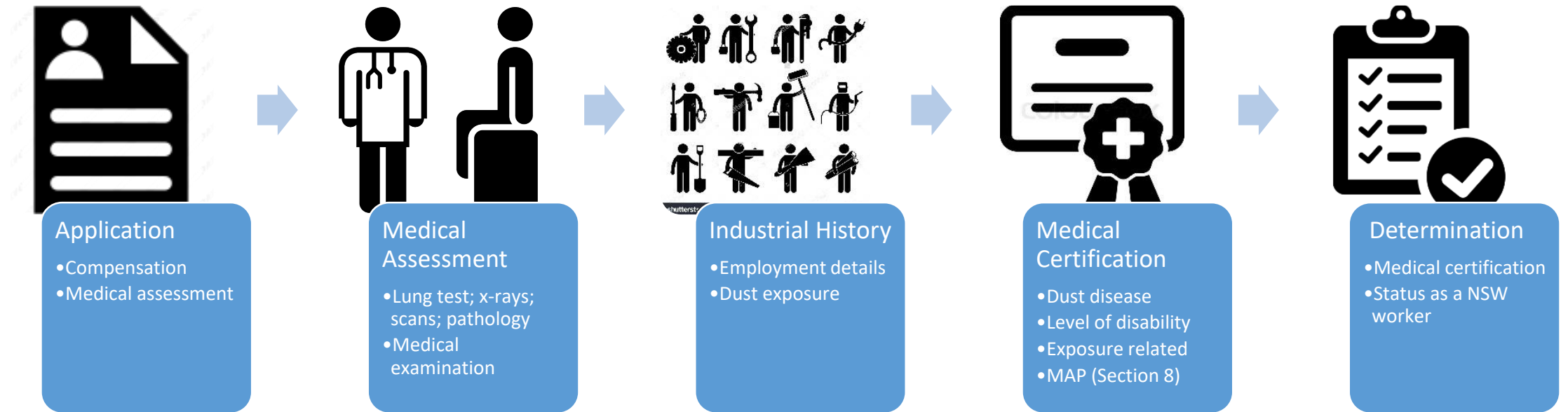
Scheme coverage

- Access to care and support under the scheme



Applying for support

- How we process Claims



Care and support available

- From medical screening and examinations, to compensation and healthcare



Screening & Examination



“One Stop” Medical Centre – CBD



Mobile Lung Screen Unit – Regional



Home Lung Function Testing – Pilot



External Arrangements - Local



Compensation & Healthcare



Fortnightly compensation (incl. dependent allowance)



Medical, hospital and related treatment



Healthcare and domestic assistance



Other support (related to dust disease-
Funeral expenses)

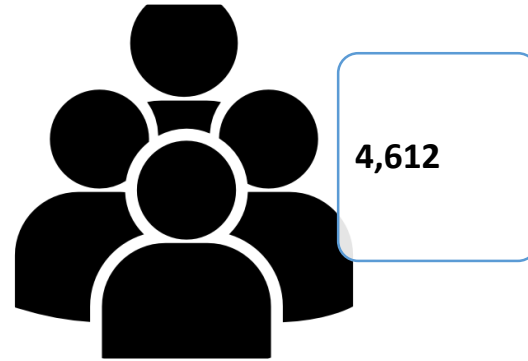
About our services

- Facts and figures for last financial year

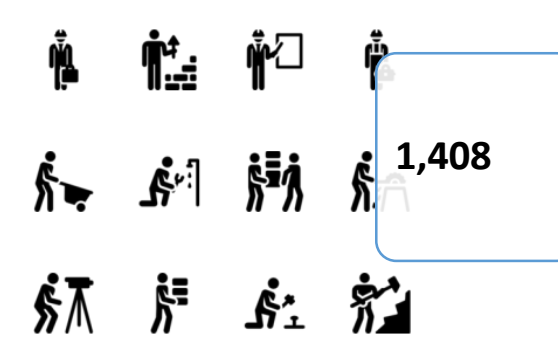
Total benefits paid



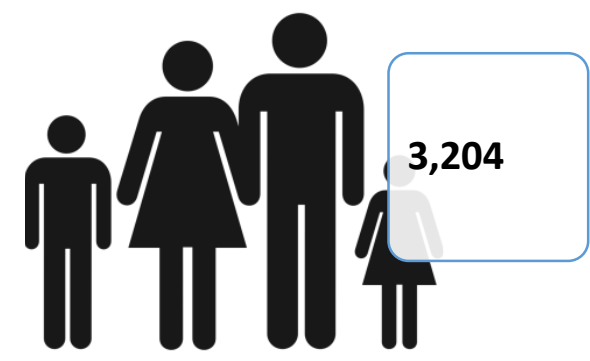
Total people supported



Total workers supported



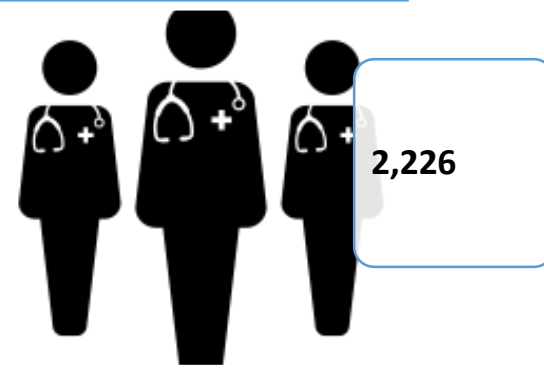
Total dependents supported



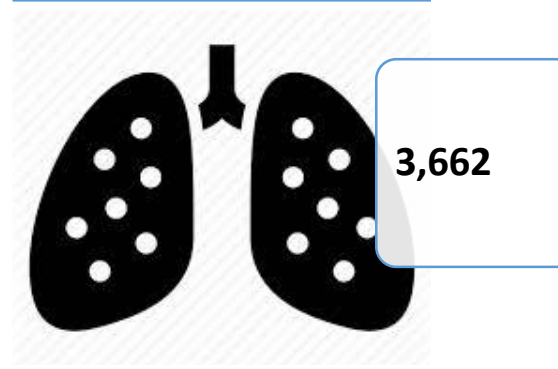
Total medical examinations



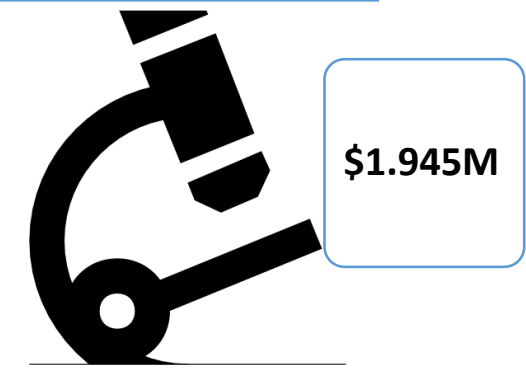
Medical Assessment Panel reviews



Workers screened at workplace

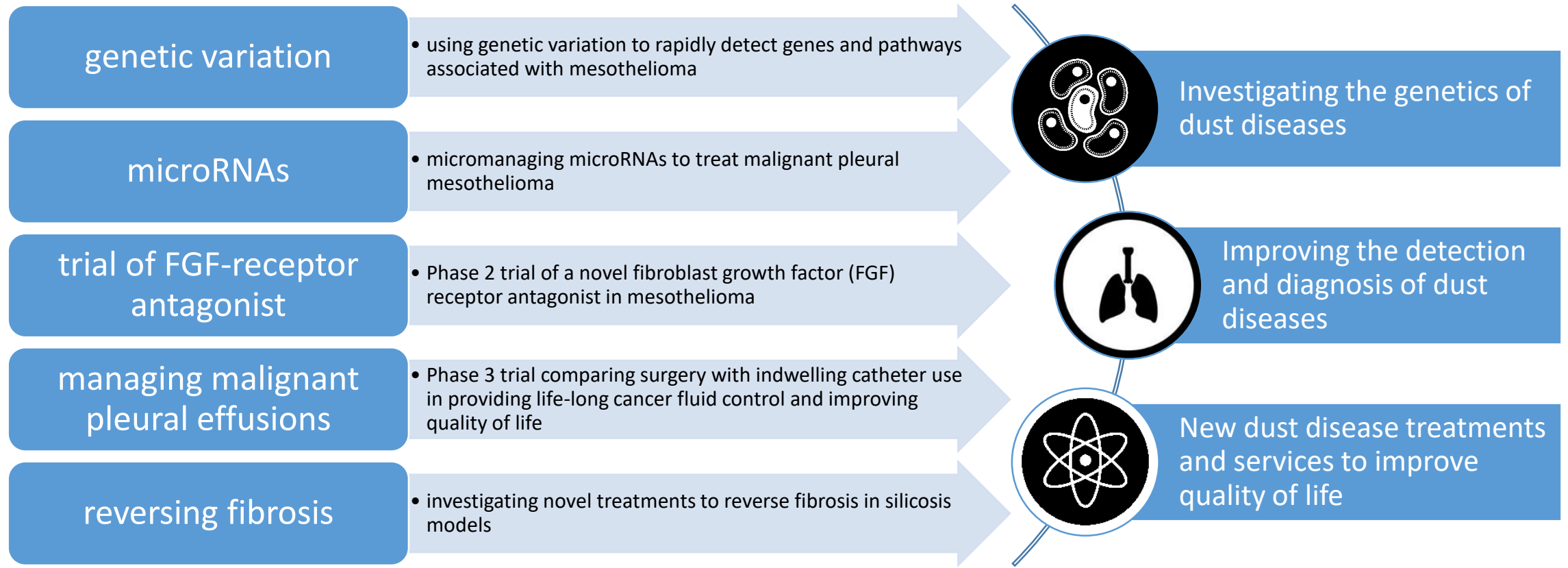


Funding for new research



Growing our knowledge to improve our services

- Our commitment to funding new research into the detection and treatment of dust diseases



Lessons learnt from two of Australia's dust diseases schemes

Kate Clark
Deputy Registrar – Common Law

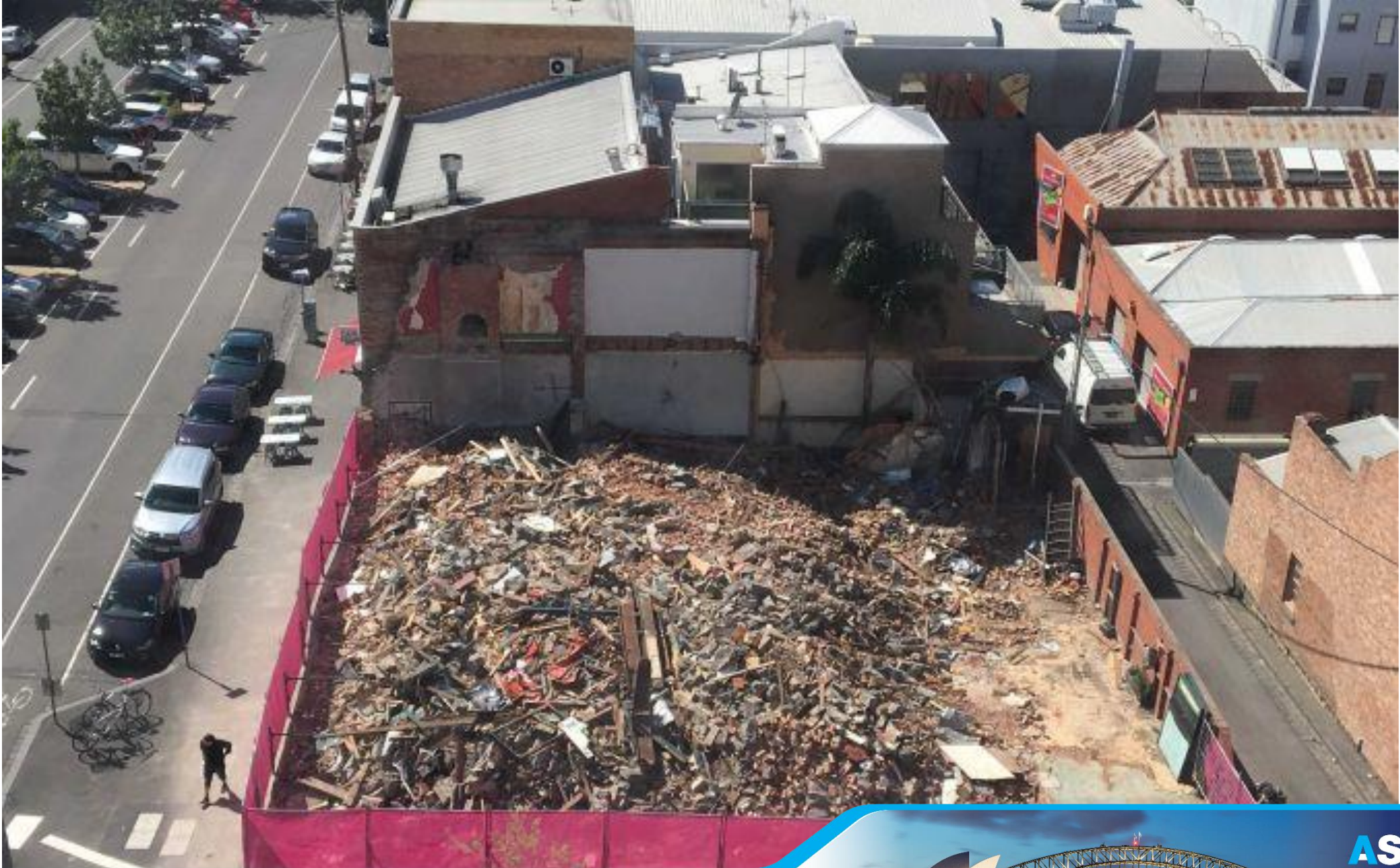


**SUPREME
COURT
OF VICTORIA**



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Some facts

- 1985 – Supreme Court of Victoria hears first successful damages claim for asbestos related injury
- 4,277 asbestos-related claims since September 1996
- Peak 2015 – 300 initiations
- Specialist list created 1 January 2015 – Dust Diseases List
 - One stop shop
 - Expedited trial dates
 - Pre-trial conferences
 - User groups
- Average 260 writs per year
- Initiations trending downwards but “Third Wave” claims more prevalent



**SUPREME
COURT**
OF VICTORIA

The people behind those facts

- Average age of plaintiffs is 82
- Age range of early 40s to early 90s
- Most plead exposure during employment
- Growing number of younger plaintiffs in their 40s and 50s pleading environmental exposures



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Panel Discussion



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Morning Tea



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PANEL DISCUSSION:

Regulatory approaches and challenges

- **Brett Bassett** , Commissioner,
Queensland Building and Construction Commission
- **Jill Gallagher**, Manager, Asbestos Coordination,
NSW Environmental Protection Authority
- **Geoffrey Rutledge**, Deputy Director-General,
Sustainability and the Built Environment, Environment, Planning and
Sustainable Development Directorate, ACT Government

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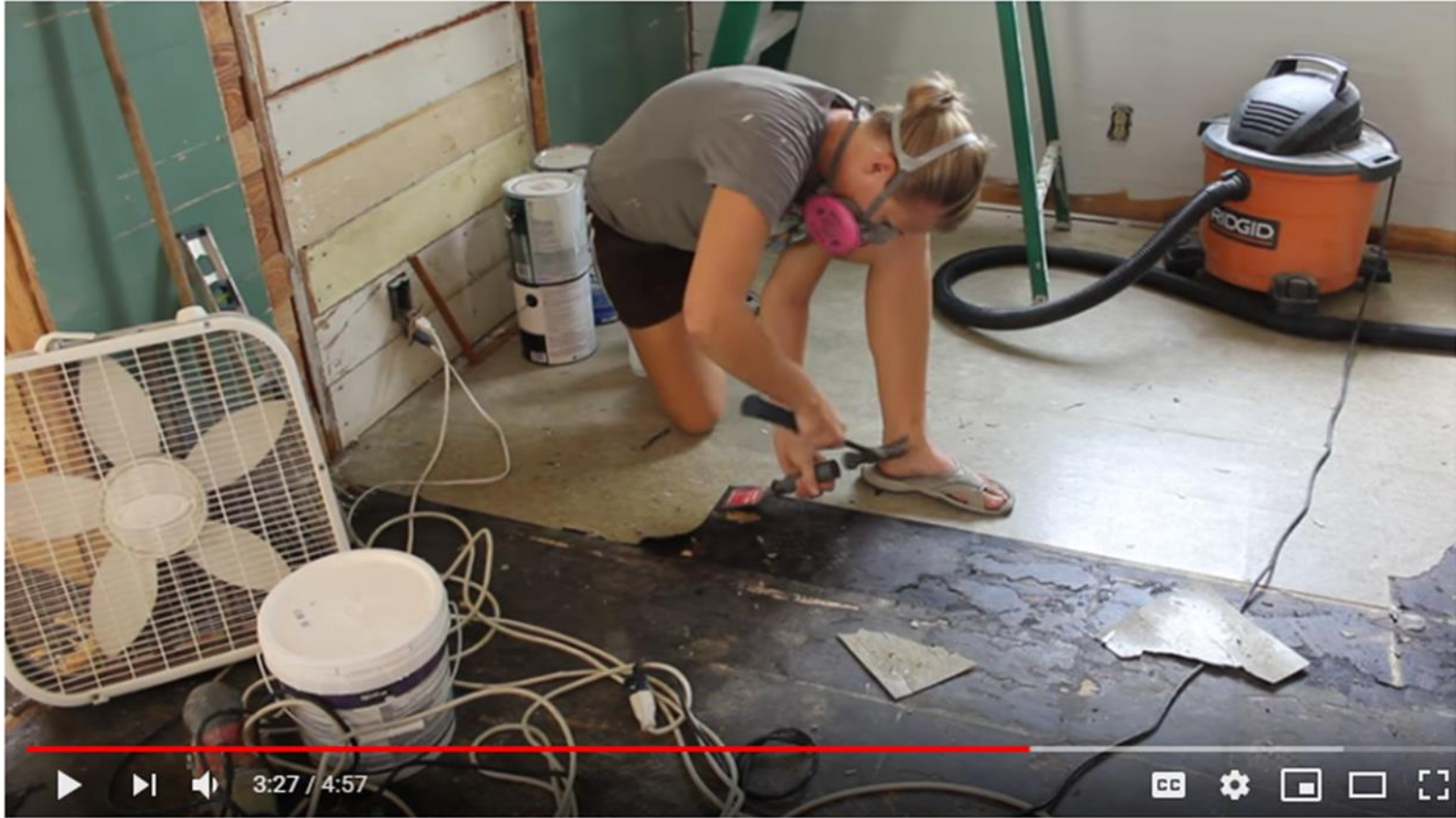


Regulatory approaches and challenges

Commissioner Brett Bassett







how we removed our asbestos floor tiles

207,498 views

👍 244 💬 1K ➦ SHARE ⌵ SAVE ⋮





Home > Owner building > Your responsibilities as an owner builder

Type a keyword...



Owner building

- > Overview
- > About owner building
- > Apply for an owner builder permit
- > Owner builder course and providers
- > The contracts you should use
- > **Your responsibilities as an owner builder**
- > Change, replace or surrender your owner builder permit
- > Owner builder work without a permit

Share to     

Your responsibilities as an owner builder

It's important that you understand your responsibilities and obligations as an owner builder. It will help

Related Pages

[Buying or selling an owner built property](#)

Useful Links

[Workplace Health and Safety](#)

[Asbestos licensing - Workplace Health and Safety Qld](#)

[Owner builder search](#)

1 William St

- Brisbane's tallest building
- Cost around \$650m to construct
- Asbestos-containing materials imported and discovered on site



Source: ABC News, George Roberts

Perth Children's Hospital

- Asbestos present in four of seven samples taken from a roof panel, supplied by Chinese subcontractor Yuanda
- \$1.2 billion construction project



Source: ABC News, Briana Shepherd

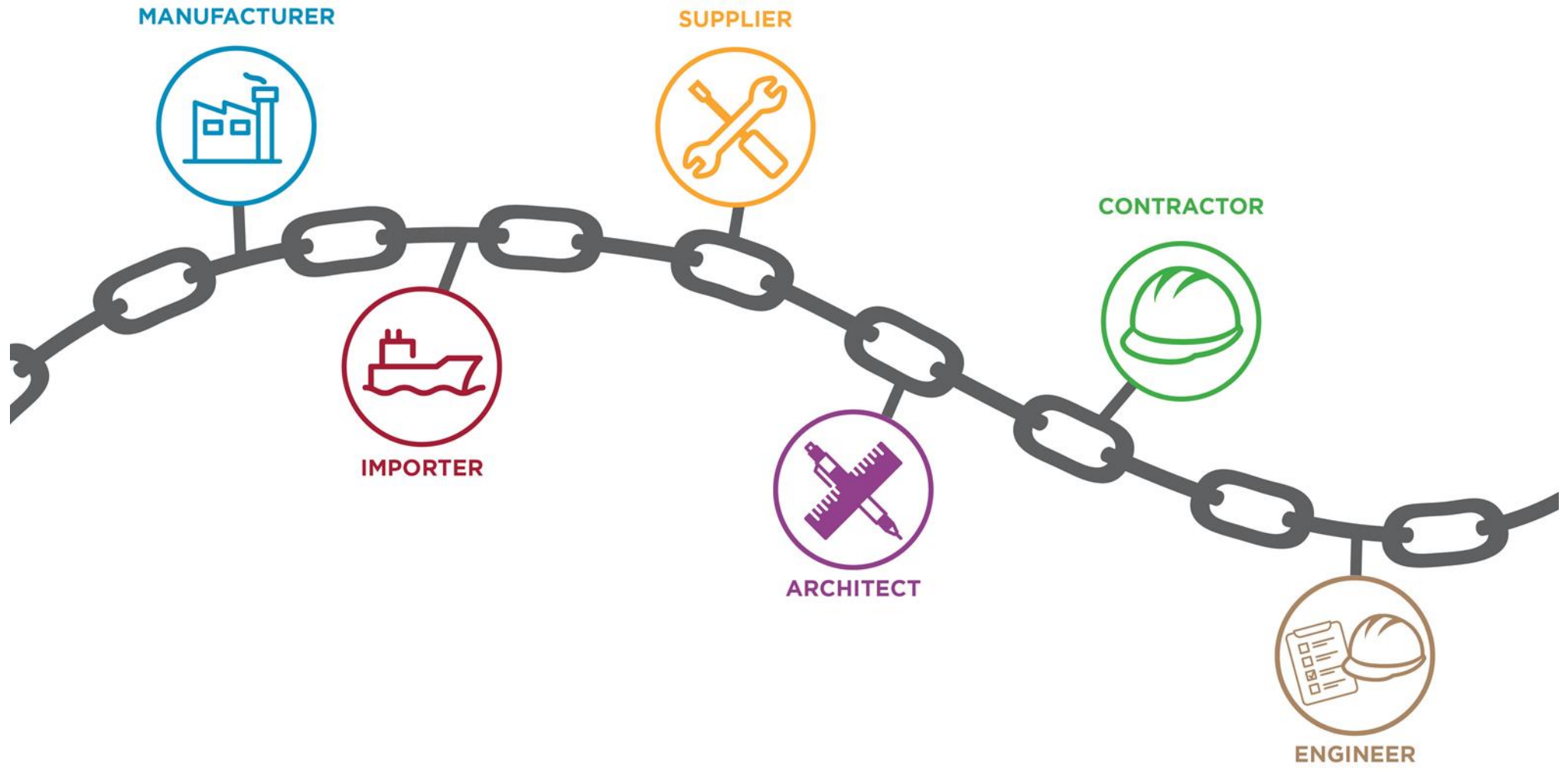


Queensland

Building and Construction Legislation (Non-conforming Building Products— Chain of Responsibility and Other Matters) Amendment Act 2017

Act No. 29 of 2017

An Act to amend the Building Act 1975, the Pest Management Act 2001, the Plumbing and Drainage Act 2002 and the Queensland Building and Construction Commission Act 1991 for particular purposes





Product Safety Recall

QUEENSLAND MINISTERIAL RECALL ORDER

'Be-Safe Portable Pool fence Starter Kit'

Sold by Clark Rubber online and in-store between December 2016 and April 2018

Barcode No: 9328936066251 SKU: 42270

Defect

The latching device in the Product does not comply with the Queensland Development Code Mandatory Part 3.4 and Australian Standard AS1926.2007.

Hazard

The latching device in the Product may be accessed and operated from the outside of the gate allowing a child to enter a pool area unsupervised.

What to do

Immediately stop using the product and return it to a Clark Rubber store as soon as possible for a full refund, or immediately contact Clark Rubber to arrange for disassembly and removal, while taking all steps necessary to ensure that any pool is fenced in accordance with applicable laws.

Contact Details

All enquiries please call Clark Rubber on 138 090 or email promoinfo@clarkrubber.com.au

For information visit qbcc.qld.gov.au

By Order:

Hon Mick de Brenni MP
Minister for Housing and Public Works



Ministerial Recall Order

Queensland Building and Construction Commission Act 1991(Qld) section 74AW

The Minister for Housing and Public Works hereby orders that the following building product be recalled from use:

The 'Portable Pool Fence Starter Kit' – product number SKU 42270 as marketed by Clark Rubber Franchising Pty Ltd and sold in Clark Rubber retail stores in Queensland.

The product is recalled for the following reasons:

1. The Minister is satisfied that the product is not safe because if the product is used as intended as a component of a pool fence, a child may make unsupervised entry to a pool area through an unfastened gate or by operating the latch from the outside of the fence.
2. The Minister is satisfied that the Product does not comply with the relevant regulatory provisions for use as a component of a pool fence for a regulated pool, those being the Queensland Development Code Mandatory Part 3.4, and the Australian standards referenced therein ('the Regulatory Requirements').
3. The Minister is satisfied that the Product is not reasonably expected to be used for any other use than as a component of a pool fence.



ASBESTOS

**DO NOT
DRILL OR SCREW**

Thank you!

Need more information?

Visit qbcc.qld.gov.au





Regulatory approaches and challenges - asbestos in NSW

Contents

01

NSW regulatory framework

02

Ombudsman's reports and Government response

03

Regulatory challenges

NSW regulatory framework

NSW Regulatory Framework

- Responsibility divided between multiple agencies
- Main legislative frameworks
 - Work health safety (SafeWork)
 - Environmental protection (incl waste disposal) (EPA and councils)
 - Planning and development (councils, private certifiers, other consent authorities)
- Many other agencies with a role
- Legislative gap – DIY home renovations

NSW Ombudsman's reports

“Responding to the asbestos problem:
The need for significant reform in NSW”

- Key issues
 - Multiple agencies involved
 - Gaps in legislation
 - No state-wide plan for managing asbestos
 - Inadequate funding
 - Confusion about who is responsible

2010 Report Recommendations

- Establish and fund an asbestos coordination authority
- Create a new Asbestos Act
- Develop a State-wide Plan
- Implement an awareness program
- Develop and implement a model asbestos policy for councils
- Vendor disclosure law

Government Response to 2010 Report

- Heads of Asbestos Coordination Authorities
 - Chaired by SafeWork
 - Seven other agencies plus local government

- State-wide asbestos plan
 - Research (improved understanding)
 - Risk communication (awareness, role clarification)
 - Prevention (guidance material, monitoring of imports, emergency response, NOA, waste tracking etc)
 - Coordination (Blueprint)

“Asbestos:
How NSW government agencies deal with the problem”

- Recognised the significant work undertaken since the 2010 report
- Acknowledged the need for more to be done
- 20 recommendations

2017 Report Recommendations

- Establish and fund an asbestos coordination authority
 - EPA to take the lead
- Legislative reform
 - Asbestos Act
 - Contaminated Land Management Act change
 - Remove the levy on asbestos waste
 - Vendor disclosure law
- New State-wide Plan
- Local Government support and policy implementation
- Ongoing awareness
- Asbestos in Aboriginal communities

Government Response to 2017 Report

- Heads of Asbestos Coordination Authorities
 - Chaired by EPA from 1 July 2018
 - To be formally constituted as a committee under the *Protection of the Environment Administration Act 1991*
 - Supported by a stakeholder reference group and a range of working groups
- Funding - \$12.7 million over four years
- Focus on:
 - New State-wide asbestos plan
 - Aboriginal community programs
 - Awareness

Regulatory challenges

- Size and shape of the problem
 - Ubiquitous and invisible at the same time
 - Varying attitudes within the community
- Balance between understanding and panic
- Long term nature of the health risks

- Define the problem
- Involve all stakeholders
- Target the response
- Use different approaches for different audiences
- Work together



Thank you

Regulatory approaches and challenges

Geoffrey Rutledge

Deputy Director-General

Environment, Planning and Sustainable Development Directorate

ACT Government



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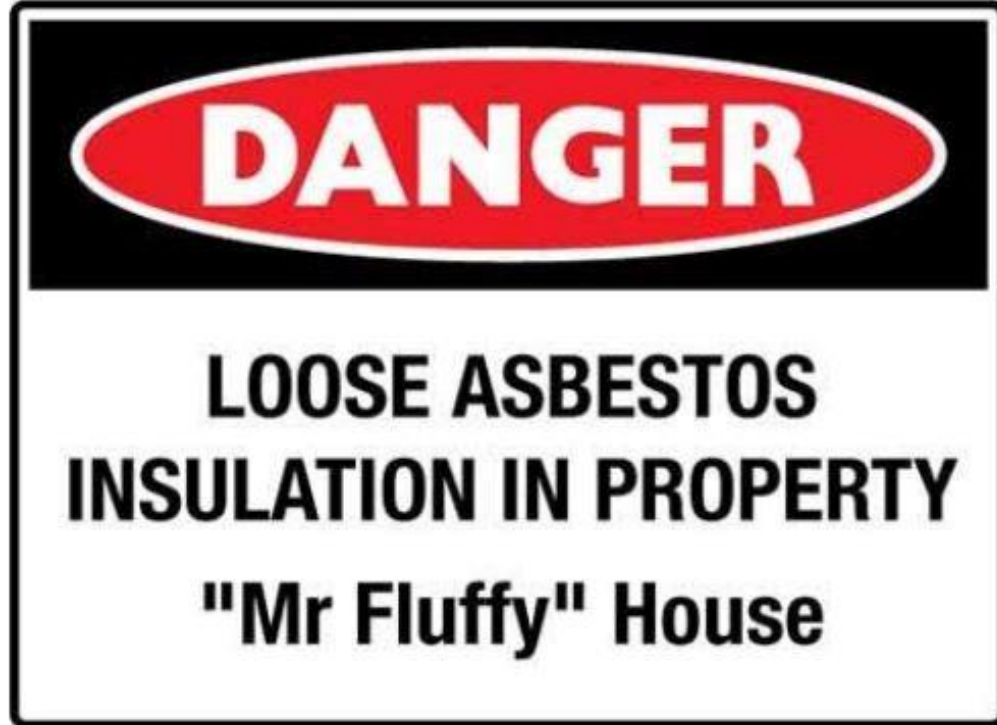
ACT Government

Loose Fill Asbestos Insulation Eradication Scheme

- 1023 affected residential properties
- 957 demolished / blocks remediated
- 809 sold for redevelopment
- Scheme remains open until 2020



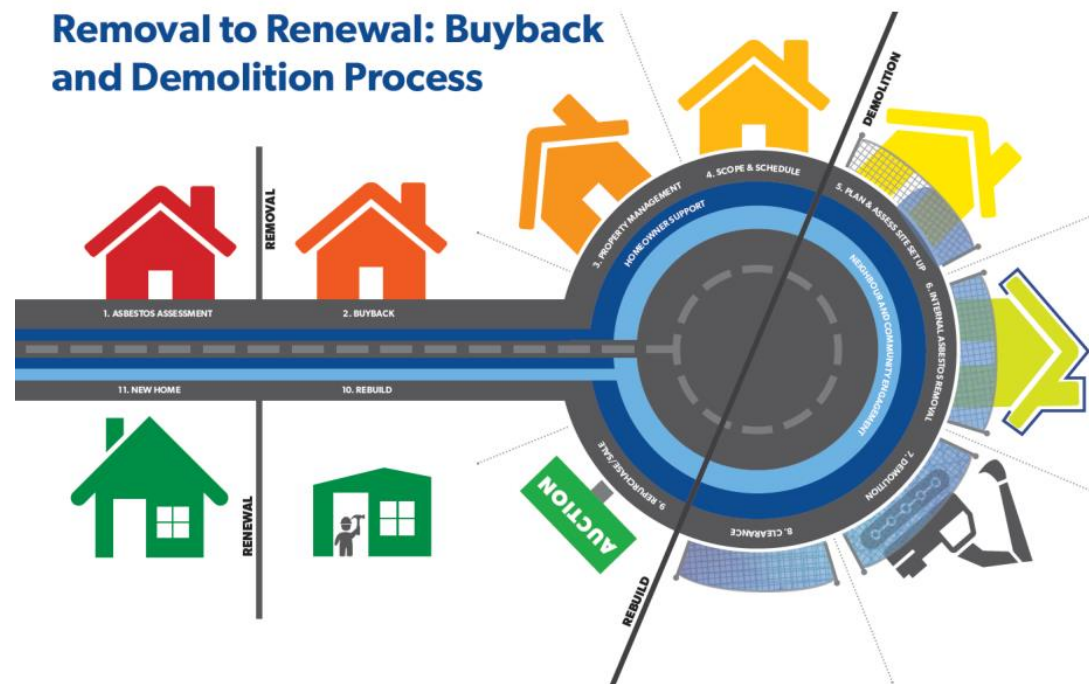
Enabling Positive Outcomes



- Acknowledging barriers & challenges
- Strong Government commitment
- Cooperative and collaborative approach
- Asbestos-specific regulation
- Other considerations

Impact of Approach

- Removal of loose fill asbestos
- ↑ asbestos literacy
- ↑ standard of asbestos-related work



What Next?

- Addressing legacy issues
- Residential – education & regulation
- Government-owned facilities



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PANEL DISCUSSION: *Future directions*

- **Dr George Quezada**, Research Scientist,
CSIRO DATA 61
- **Deb Vallance**, Health and Safety Officer,
Australian Manufacturing Workers' Union
- **Ted Emmett** , Professor and Director,
Superfund Research Center, University of Pennsylvania
- **Justine Ross**, Chief Executive Officer,
Asbestos Safety and Eradication Agency

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ASBESTOS SAFETY FUTURES

Managing risks and embracing opportunities for Australia's asbestos legacy in the digital age

GEORGE QUEZADA, DINESH DEVARAJ,
JOHN MCLAUGHLIN AND ROBERT HANSON

The report issues and trends that will impact on asbestos-related work over the next 10-20 years, with implications for exposure risk.

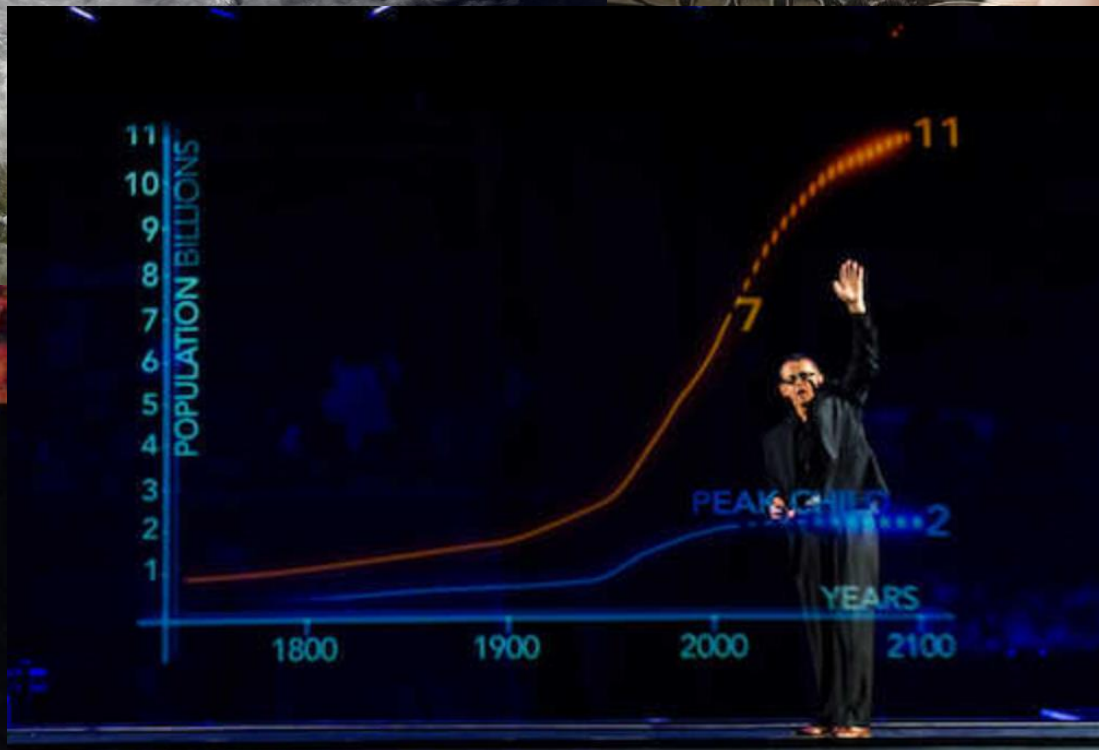
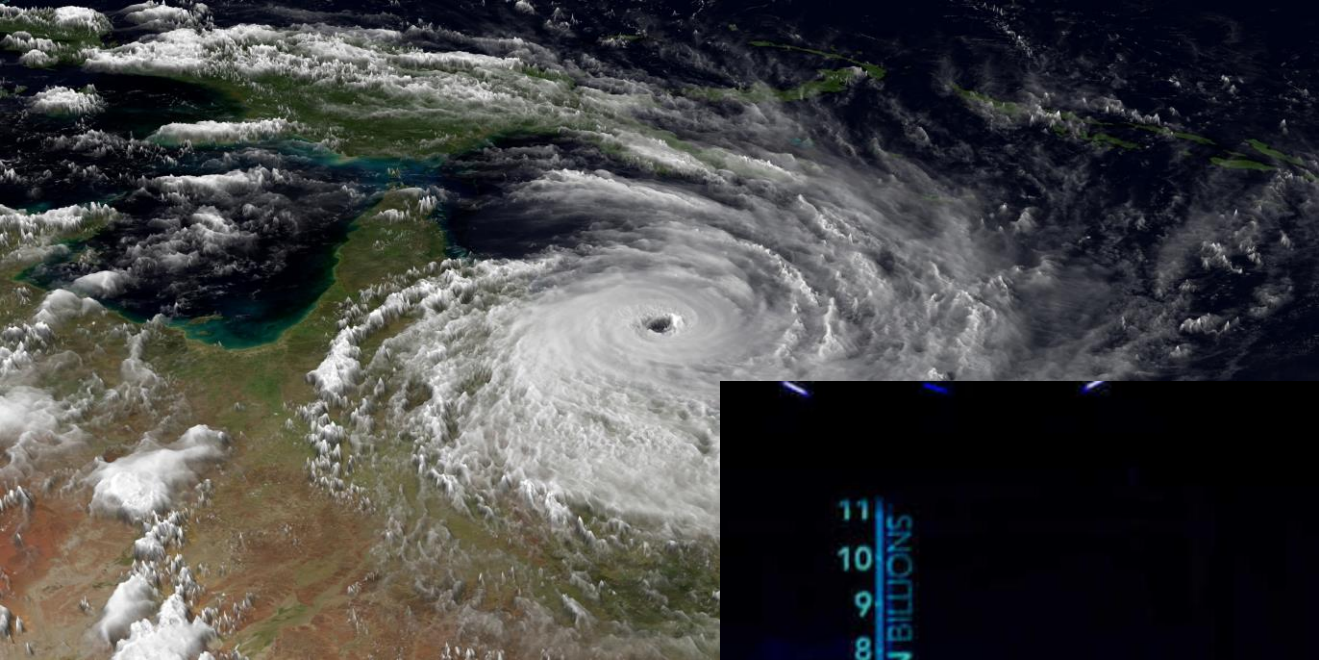
Report available for download after the conference

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THE ASBESTOS SAFETY
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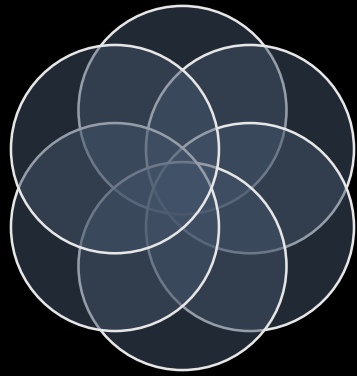
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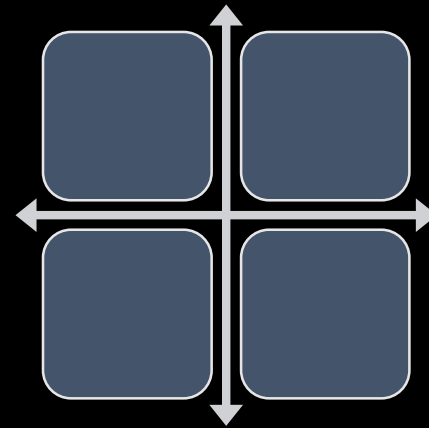


Strategic Foresight

The practice of systematically analysing the future to inform today's decisions



Megatrends



Scenarios

Different approaches to inform strategy



Strategic foresight

- Scenario planning
- Megatrends analysis
- Megashocks analysis

Qualitative
big picture
long-term

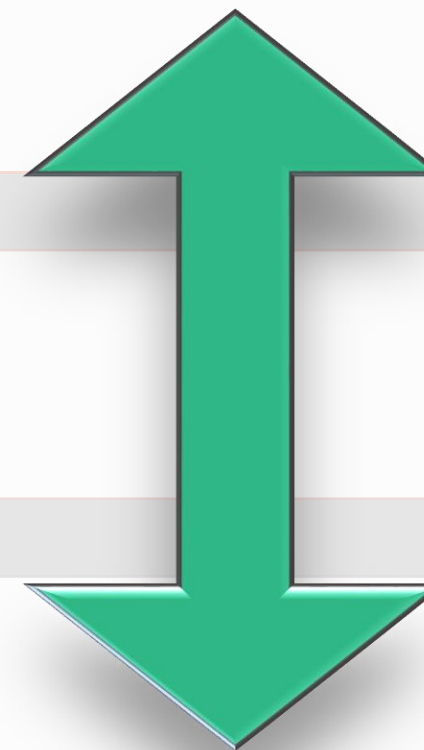
Semi-quantitative analysis

- Multiple criteria analysis
- Cost-benefit analysis
- Cost-effectiveness analysis
- Risk analysis

Data-intensive analysis

- Statistical forecasting
- Econometric modelling
- Economic modelling

Quantitative
specific
near-term



Strategic foresight is for everyone



Leadership

Figuring out the 'right' things to do

Management

Doing things 'right'

Anticipatory Governance

Ángel Gurría, Director General OECD

Opening the OECD Government Foresight Community Meeting

Paris, 26 September 2016



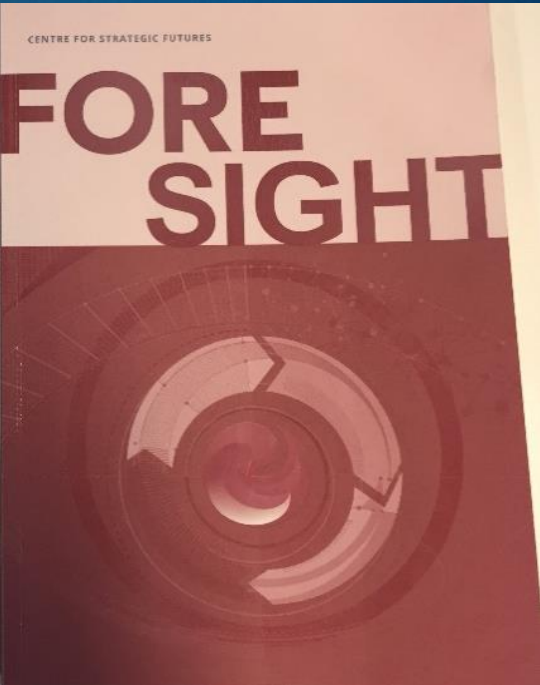
Image source: : MarcolIuminati, OECD

CONVERSATIONS FOR THE FUTURE



VOLUME I
Singapore's
Experiences with
Strategic Planning
(1988-2011)

Singapore Centre for Strategic Futures, Since 1988



A review of strategic foresight by leading governments (Singapore, UK and The Netherlands)

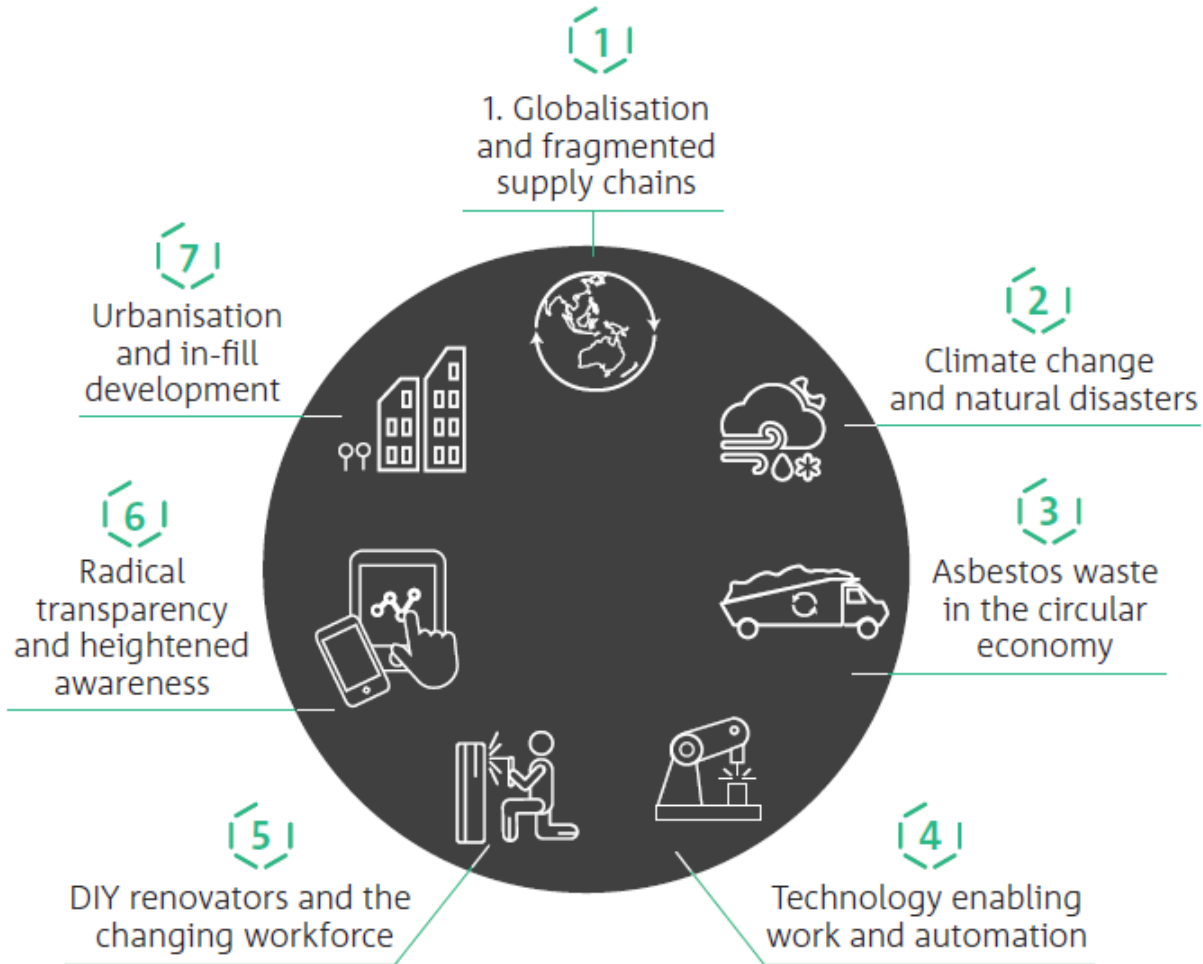
Concludes that strategic foresight is more than a report:

“... the most significant benefits of foresight lie in the learning processes initiated, the emerging shared understandings, and the networks created between individuals and organizations across policy areas within and beyond particular professional communities.”

p.56, Habegger (2010)



The Megatrends



The Scenarios



Where to from here?

| Risk/opportunity | Actions to consider |
|-------------------------------|---|
| 1. Spikes in the waste stream | Collaborate to create and link asbestos datasets, and develop a mapping application |
| 2. New tech | Investigate emerging tech that can address exposure risks |
| 3. Labour market imbalance | Track labour demand/supply to ensure efficient market operation |



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Day two wrap up



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Thank you



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