

ASBESTOS SAFETY FUTURES

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



FACTSHEET

MEGATRENDS AND SCENARIOS FOR ASBESTOS-RELATED WORK

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

Megatrends are large scale drivers of change, while scenarios are contrasting futures of how these drivers could show up in the future. This report aims to inform asbestos management policy, research and practice to ensure Australia is well-placed to prevent future asbestos-related diseases.

Policy Opportunities

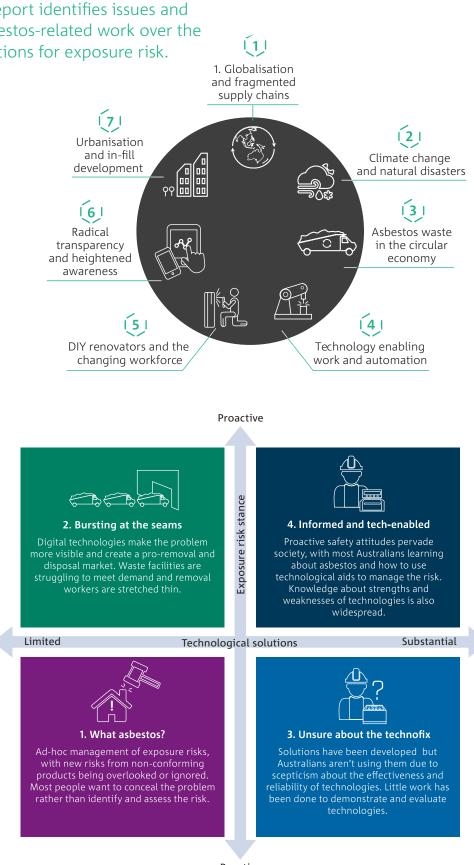
- Data infrastructure is underutilised and more investment in developing and linking data sets can enable effective management of asbestos risks.
- 2. New hazmat technology could support handling of ACMs, but will require investment, vetting and training.
- Asbestos removal market changes, workforce changes and new technology could disrupt the balance between labour supply and demand for asbestos related work and requires monitoring.

Future actions to consider:

- Continue collaborating across jurisdictions and levels of government to create an asbestos dataset and mapping application.
- 2. Further investigate the pipeline for asbestos related technology innovation and support the development of knowledge targeted to major challenges of our asbestos legacy.
- 3. Ensure employment monitoring strategies consider the growing need for an asbestos related workforce with the right skills and training.

Using scenarios to respond to key uncertainties and impacts for asbestos related work in the future

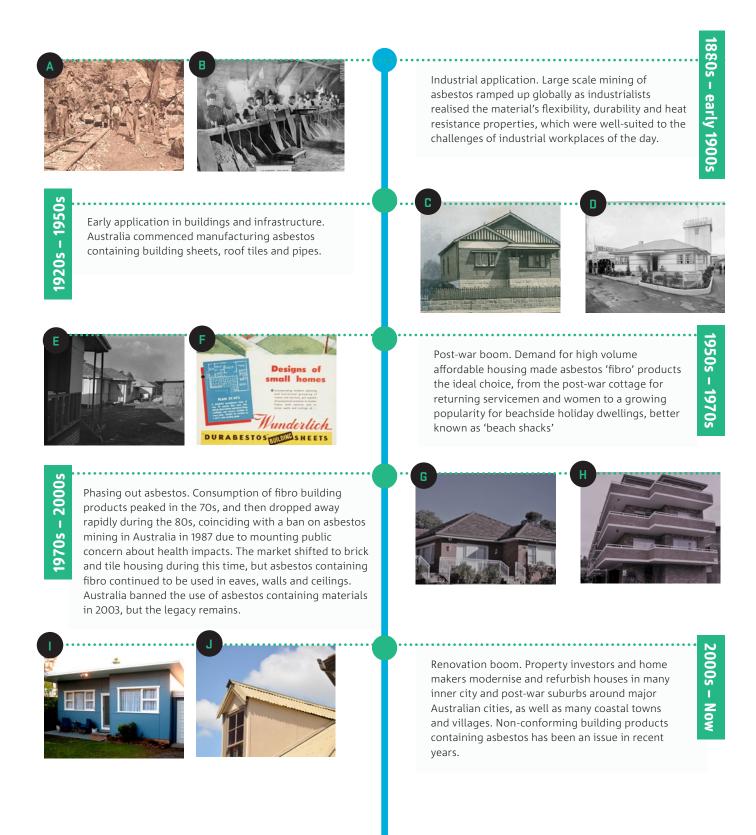
Future asbestos risks and market responses are underpinned by two key uncertainties: The emergence of technologies to address asbestos exposure risks associated with in-situ management, removal and disposal and the extent to which governments, industry and the general public manage exposure risks.



Reactive

AUSTRALIA'S ASBESTOS LEGACY

Asbestos in Australia was predominantly used in building and infrastructure, including panels for internal and external lining of walls, corrugated tiles and panels used in roofing and fencing, and pipes used in factories, downpipes, and water reticulation and sewerage systems.



What could happen in the next 10-20 years?

IMAGE AND COPY WRITE INFORMATION

- a. White Gold Pioneers: Asbestos Mining. Crushing room, Johnson Mine, Thetford Mines, QC, early 20th century
- b. Truck loaded with asbestos cement sheets from manufacturer Asbestos Products Ltd, Lawrence Street, Alexandria, N.S.W., 1937 Image sourced from the State Library of NSW.
- c. Suburban house with Durabestos gable designed and made by Wunderlich Limited, E A Bradford, Sydney, New South Wales, Australia, 1924. Wunderlich Collection: Museum of Applied Arts and Sciences. Gift of CSR Limited, 1980.
- d. Suburban house with tiles and Durabestos facing designed and made by Wunderlich Limited, Wunderlich Limited, Redfern, New South Wales, Australia, 1930s. Wunderlich Collection: Museum of Applied Arts and Sciences. Gift of CSR Limited, 1980.
- e. Construction of housing commission homes, Birmingham Gardens, N.S.W., 1957. Image sourced from the State Library of NSW.
- f. Booklet cover 'Designs of Small Homes', Wunderlich Limited, Redfern, N.S.W., 1955. Wunderlich Collection: Museum of Applied Arts and Sciences. Gift of CSR Limited, 1980.

- g. Lowset brick with asbestos may be found under eaves, in bathrooms, laundries, kitchens and under flooring (carpet underlay, vinyl tiles or sheeting, wall and floor tiles), roofing and electrical power boxes etc. Location unknown. Image sourced from asbestosawareness.com.au.
- h. Australian Block of Flats asbestos may be found under eaves, in bathrooms, laundries, kitchens and under flooring (carpet underlay, vinyl tiles or sheeting, wall and floor tiles), roofing and electrical power boxes etc. Location unknown. Image used with permission from asbestosawareness.com.au.
- Classic Post War Fibro Home / Weekender / Beach House

 well maintained. Asbestos is located in the walls, roofing (unpictured), electrical power box, garage and laundry. Location unknown. Image used with permission from asbestosawareness. com.au.
- j. Victorian Semi-Detached asbestos can be found in addition of dormer window (pictured) from attic conversions, extensions, in bathrooms, laundries, kitchens and under flooring (carpet underlay, vinyl tiles or sheeting, wall and floor tiles), roofing and electrical power boxes etc. Location unknown. Image used with permission from asbestosawareness.com.au.

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