

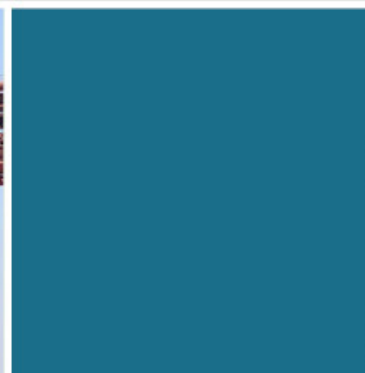
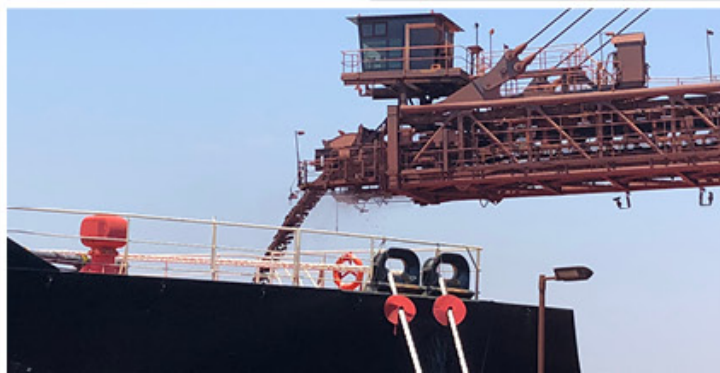
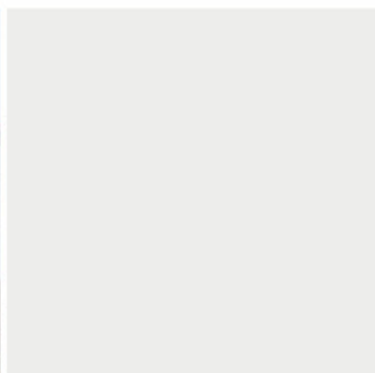
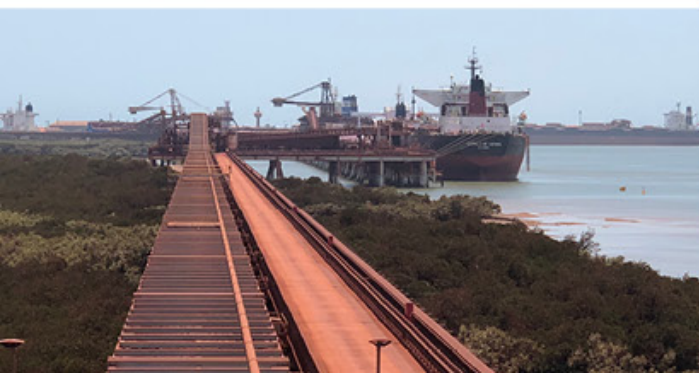


Government of Western Australia
Department of Water and Environmental Regulation

Department of Water and Environmental Regulation

Port Hedland Industries Council Community Industry Forum

12 May 2021



System stewardship



DWER's 'system' includes:



the environment (including water resources, land, air, plants, animals and the urban environment)



the people, businesses and organisations that interact with it



the organisations that manage and set rules for these interactions



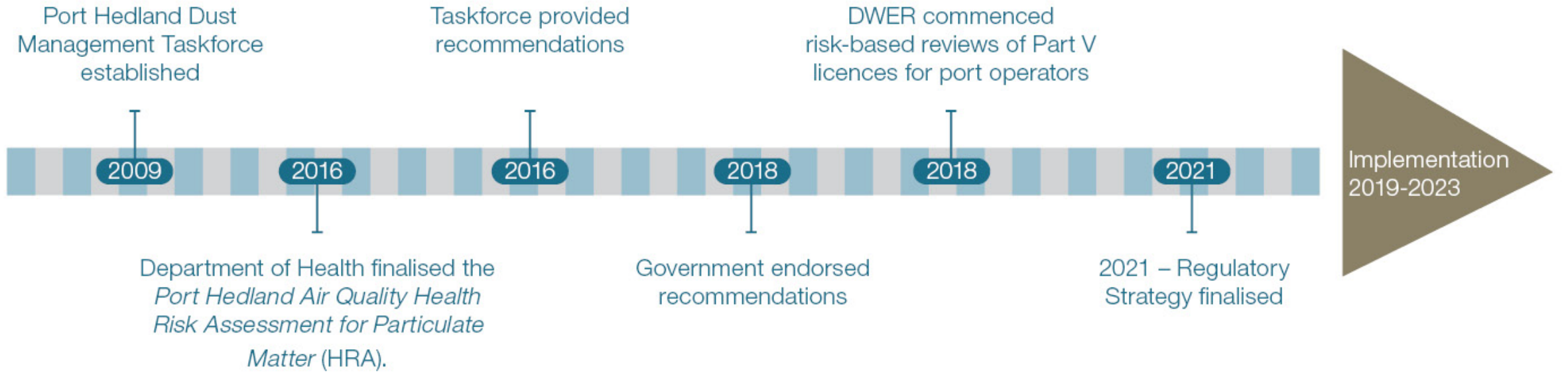
'System stewardship' for DWER involves partnering across government, across sectors and across the community.



Deliver trusted
information, science and
evidence-based advice



History of the Port Hedland Dust Management Taskforce and the Department



Port Hedland Regulatory Strategy



Port Hedland
Regulatory Strategy

May 2021



Our Focus

Implementing the recommendations endorsed by the State Government on 15 October 2018, including:

- Acquisition of the air quality monitoring network;
- Implementation of a coordinated risk-based approach to managing dust in Port Hedland – including through development and implementations of a Regulatory Strategy;
- Development and implementation of a dust management guideline for bulk handling port premises; and
- Collaboration with industry to explore the feasibility of approvals under Regulation 17 of the *Environmental Protection (Noise) Regulations 1997*.



DWER representatives



Kelly Faulkner
Executive Director
Regulatory Services



Ed Schuller
Director
Industry Regulation



Paul Newell
Senior Manager
Industry Regulation



Kerry Laszig
Director
Environmental Science

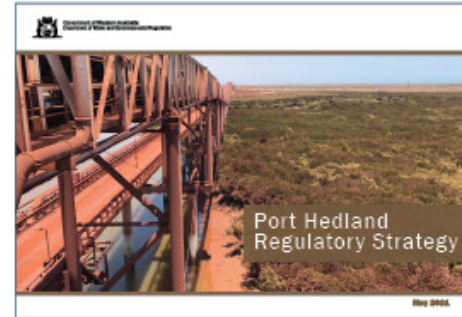
Presentation overview



Overview of port facilities



Government endorsed recommendations



Regulatory Strategy



Air quality monitoring network



Dust Management Guidelines



Department priorities and next steps

Overview of port facilities



Government-endorsed recommendations

Taskforce recommendations were endorsed by the State Government on 15 October 2018, including the:

- continued application of the Port Hedland 24-hour air guideline value for PM_{10} ($70 \mu\text{g}/\text{m}^3$);
- acquisition of the air quality monitoring network by DWER on a cost recovery basis;
- implementation of a coordinated risk-based review and assessment approach to managing dust in Port Hedland;
- development and implementation of a dust management guideline for bulk handling port premises;
- DWER to work with industry to explore the feasibility of approvals under Regulation 17 of the *Environmental Protection (Noise) Regulations 1997*; and
- implementation of planning controls to prohibit sensitive land uses and restrict population growth in the West End.



Port Hedland Regulatory Strategy



Port Hedland
Regulatory Strategy

May 2021

- Taskforce recommendations will take a number of years to fully implement.
- DWER will continue to consider health impacts as “high risk” and have regard to the precautionary principle in its assessment.
- DWER will continue to seek and consider advice from the Department of Health on all applications.
- Amendment applications with “no net increase” will be well regarded, and encouraged by DWER.

Deliverables

DWER has committed to a number of deliverables over the next five years that will be publicly available:



The Dust Management Guideline will be finalised by 2021 and necessary licence amendments to enact the document following that.



A website displaying live data from the ambient air quality monitoring network; with some trend analysis.



Annual reports on the performance and measurements of the ambient monitoring network, delivering an objective view of the impacts of dust on Port Hedland.



A Dust Management Guideline Review, after the completion of the short-term strategy, which considers the effectiveness of the Dust Management Guideline controls of industry dust sources within the port.

Air monitoring network



Dust Management Guidelines

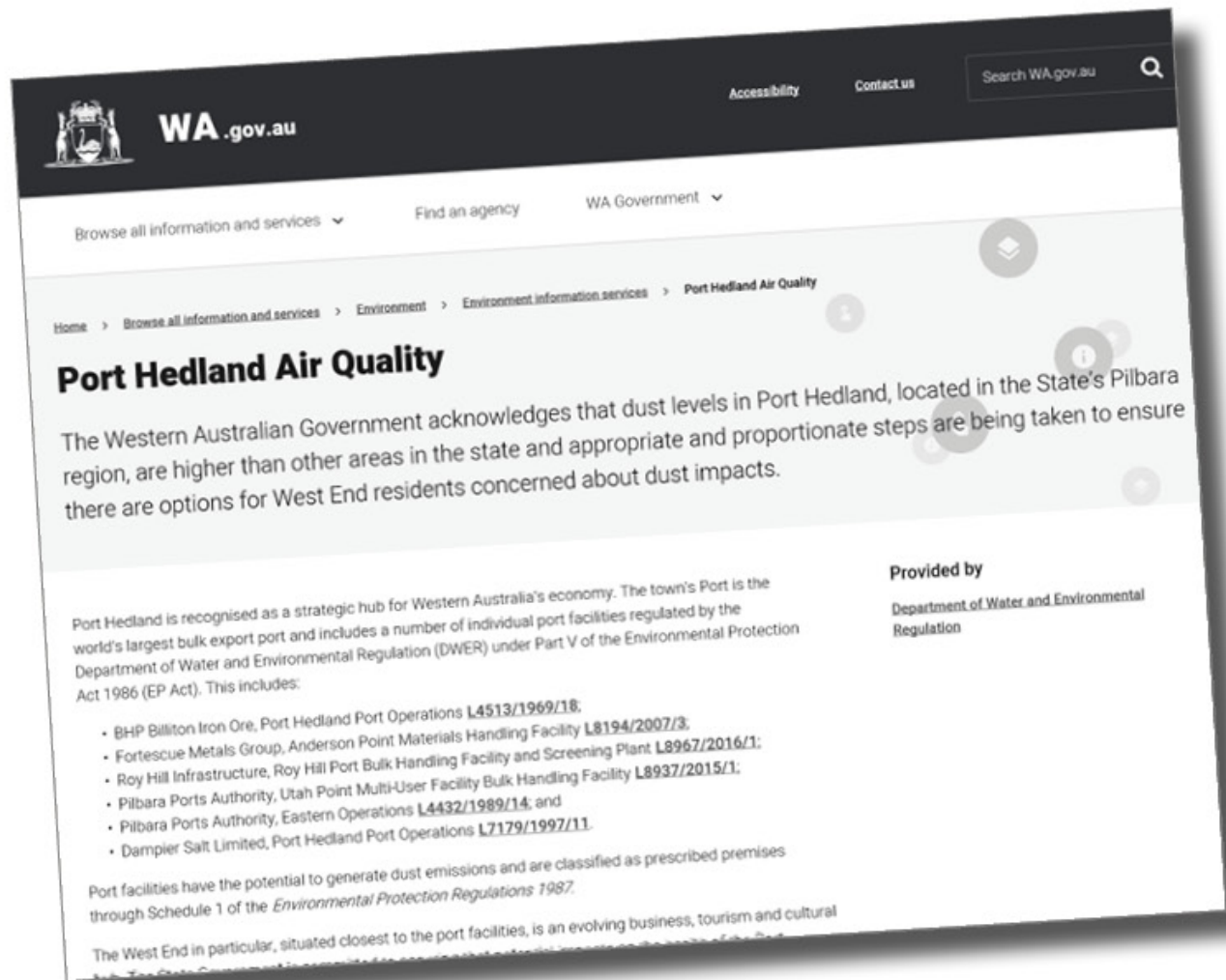
- Independent third-party experts to develop the dust management guideline for bulk handling port premises.
- Informing dust management improvements at licenced premises.
- Developing a self-assessment tool to allow operators to compare their dust management with best practice standards and identify the most effective improvements for their sites.
- Implementation through Part V licence amendments.



DWER priorities and next steps:

- Acquisition of air quality monitoring network
- Develop and implement Dust Management Guidelines through Part V licence amendments
- Monitor ambient air quality to measure and monitor the effectiveness of improvements
- Ongoing consultation and clear communication with community, industry and other government agencies





Port Hedland Dust Management Taskforce

Port Hedland voluntary buyback scheme

DWER's regulatory role

Port Hedland - Dust Monitoring Campaign

Taplin Street monitor

What is happening now?



Thank you
any questions?