

# Open Data Strategy

2018-2020

[opendata@daf.qld.gov.au](mailto:opendata@daf.qld.gov.au)



This publication has been compiled by Corporate Planning and Performance, Department of Agriculture and Fisheries.

© State of Queensland, 2017

The Queensland Government supports and encourages the dissemination and exchange of its information. The copyright in this publication is licensed under a Creative Commons Attribution 4.0 International (CC BY 4.0) licence.

Under this licence you are free, without having to seek our permission, to use this publication in accordance with the licence terms.



You must keep intact the copyright notice and attribute the State of Queensland as the source of the publication.

Note: Some content in this publication may have different licence terms as indicated.

For more information on this licence, visit <https://creativecommons.org/licenses/by/4.0/>.

The information contained herein is subject to change without notice. The Queensland Government shall not be liable for technical or other errors or omissions contained herein. The reader/user accepts all risks and responsibility for losses, damages, costs and other consequences resulting directly or indirectly from using this information.

# Table of Contents

- Our open data in action ..... ii**
- Principles ..... 2**
- Benefits of Open Data..... 4**
- Alignment to our Vision..... 5**
- Obligations..... 6**
- Maturity ..... 8**
- Objectives ..... 9**
- Responsibilities..... 10**
- Action plan..... 11**
- Appendix 1 - Data publishing schedule..... 12**
- Appendix 2 – QRIC Data publishing schedule ..... 13**
- Appendix 3 – Closed Data ..... 14**

## Our open data in action



Spatial data Agricultural Land Audit - Charters Towers series

*"Having access to the data has supported regional development studies, particularly agricultural diversification opportunities that have a clear market demand. The data has helped identify potential areas for supplying in-demand produce as part of the North Queensland Agricultural Market and Supply Chain Study"*

Geoff Sharp  
Environmental Manager  
Premise

Our data has been utilised as part of Biodiversity Offset Strategy

*"Using geospatial data of the Queensland Fisheries Net Free Zones provided by Fisheries Queensland, GPC has been able to create an interactive map to allow visualisations of marine species habitats, critical boundaries, and heritage sites."*

Gladstone Ports Corporation (GPC)





# Our Principles

## Principles

The Department of Agriculture and Fisheries and our statutory bodies share the Queensland Government's commitment to open data as outlined in the Queensland Government Open Data Policy Statement<sup>1</sup>. The Policy Statement commits to the six principles from the International Open Data Charter. These principles are:

1. Open by default
2. Timely and comprehensive
3. Accessible and usable
4. Comparable and interoperable
5. For improved governance and citizen engagement
6. For inclusive development and innovation

We aim to be continually improving the way we publish open data, following these principles.

---

<sup>1</sup> Queensland Government, Open Data Policy Statement, available at <https://www.qld.gov.au/data/qld-data-policy-statement.pdf>, accessed 21 March 2018.



## Why Open Data is Important

## Benefits of Open Data

We recognise our important obligation to publish data about our spending, operations and performance to...

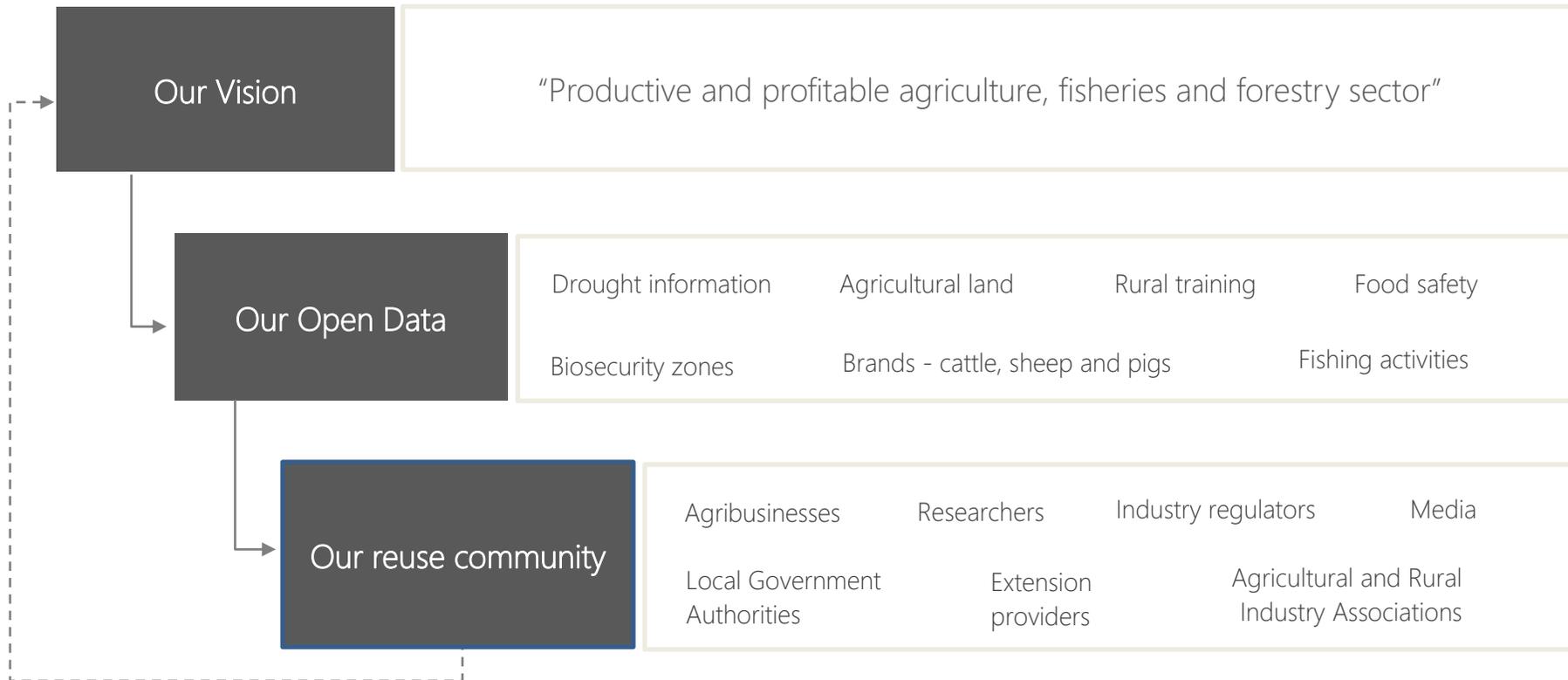
- foster transparent, accountable, efficient responsive and effective government
- enable citizens to be more involved in government decisions

We also recognise how open data can be used to benefit Queenslanders by supporting the design, delivery and assessment of better services for citizens and businesses

- improving the evidence-base for policy and programs
- providing major opportunities for innovation and underpin growth of the digital economy

## Alignment to our Vision

Open Data supports our strategic vision



By helping develop new products and services for the community, we:

- identify potential innovative solutions for the sector's and community's challenges
- improve the quality and transparency of government policies and investment.

# Obligations

We also have specific obligations to publish open data.

Document	Summary of Relevance to Open Data	Citation
Queensland Government Open Data Policy Statement (2017)	The cabinet endorsed Queensland Government commitment to open data, including various specific obligations for all agencies.	Queensland Government, Open Data Policy Statement, available at <a href="https://www.qld.gov.au/data/qld-data-policy-statement.pdf">https://www.qld.gov.au/data/qld-data-policy-statement.pdf</a> accessed 21 March 2018
DIGITAL 1ST: Advancing our digital future	The strategy commits to deliver on the Open Data Policy by implementing the Open Data Action Plan, co-designing high-value open data sets and supporting GovHack.	Queensland Government DIGITAL1ST: Advancing our digital future available at <a href="https://digital1st.initiatives.qld.gov.au/documents/digital-strategy.pdf">https://digital1st.initiatives.qld.gov.au/documents/digital-strategy.pdf</a>
Information access and use policy (IS33)	The Policy mandates departments “provide government information to the public to the maximum extent possible”, free of charge and with consistent licensing.	Queensland Government, Information access and use policy (IS33), available at <a href="https://www.qgcio.qld.gov.au/documents/information-access-and-use-policy-is33">https://www.qgcio.qld.gov.au/documents/information-access-and-use-policy-is33</a>
QAO Strategic Audit Plan	A QAO audit in 2019-20 will assess whether open data strategies have reached their full potential to add value to the Queensland public sector.	Queensland Audit Office, Strategic Audit Plan, available at <a href="https://www.qao.qld.gov.au/audits/program">https://www.qao.qld.gov.au/audits/program</a> accessed 21 March 2018
Right to Information Act 2009	Queensland Government’s obligation to give access to information in the government’s possession or control unless it is in the public interest not to.	Queensland Government, Right to Information Act 2009, available at <a href="https://www.legislation.qld.gov.au/view/pdf/2015-06-11/act-2009-009">https://www.legislation.qld.gov.au/view/pdf/2015-06-11/act-2009-009</a> , accessed 21 March 2018
Information Privacy Act 2009	Responsibility to protect personal information, including not disclosing personal or identifying information in open data.	Queensland Government, Information Privacy Act 2009, available at <a href="https://www.legislation.qld.gov.au/view/pdf/inforce/current/act-2009-014">https://www.legislation.qld.gov.au/view/pdf/inforce/current/act-2009-014</a> , accessed 22 March 2018
Queensland Procurement Policy 2017	Requirements for the disclosure of procurement contracts over \$10,000	Department of Housing and Public Works, Queensland Procurement Policy, available at <a href="http://www.hpw.qld.gov.au/SiteCollectionDocuments/QLDProcurementPolicy.pdf">http://www.hpw.qld.gov.au/SiteCollectionDocuments/QLDProcurementPolicy.pdf</a> accessed 21 March 2018
Annual Reporting Requirements	Various open data requirements to support annual reporting activities	Queensland Government, Annual Reporting Requirements, available at <a href="https://www.forgov.qld.gov.au/sites/default/files/annual-report-requirements.pdf">https://www.forgov.qld.gov.au/sites/default/files/annual-report-requirements.pdf</a> accessed 21 March 2018

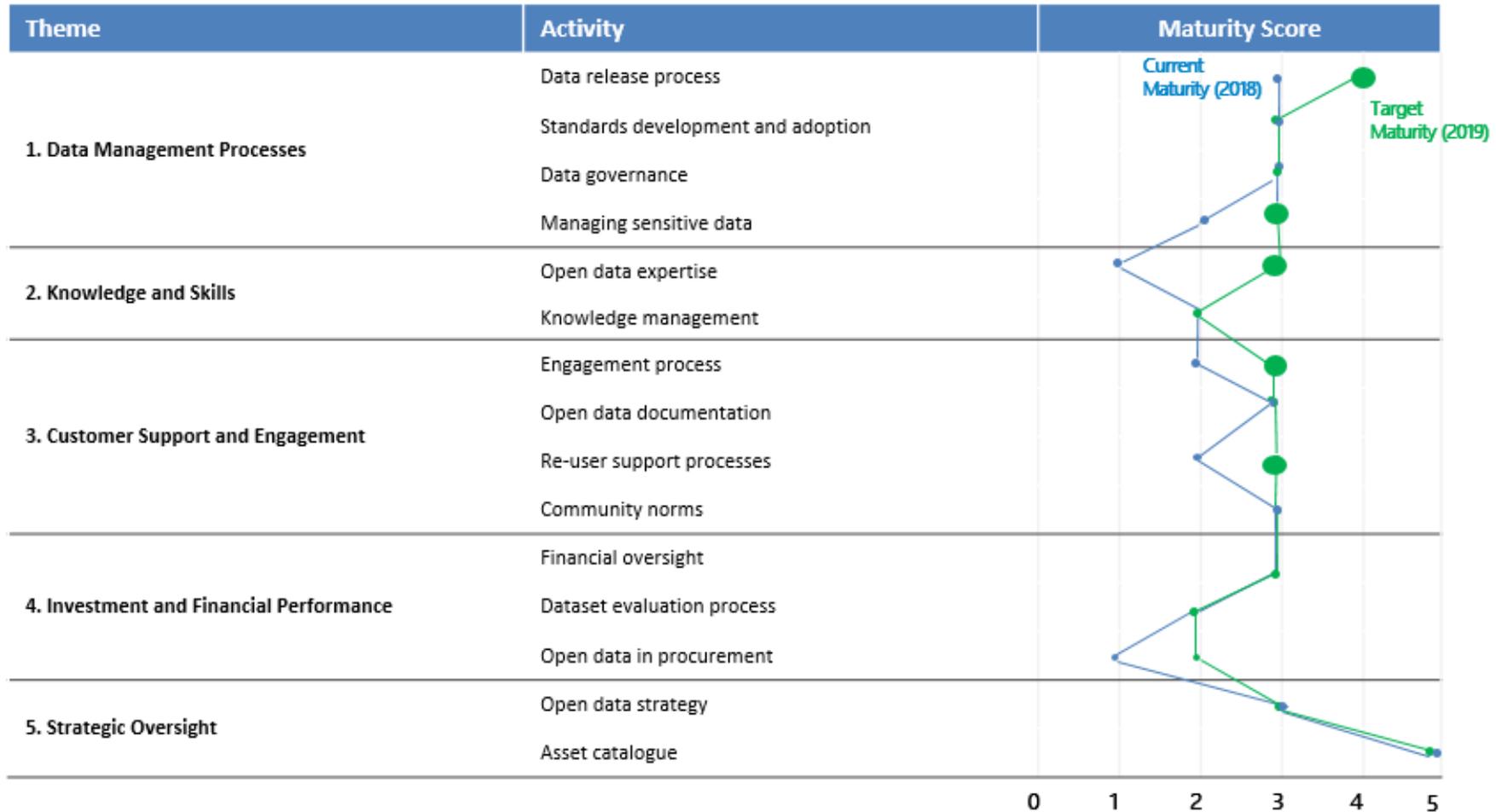


## **Our open data strategy**

# Maturity

To improve and sustain our cost-effectiveness we plan to improve our maturity in targeted areas over the next two years.

The Open Data Institute Maturity Assessment<sup>2</sup> was used to assess our current state and target state maturity in open data.



<sup>2</sup> Open Data Institute, Open Data Maturity Assessment, available at <https://theodi.org.au/open-data-maturity-assessment/>, accessed 21 March 2018.

# Objectives

To realise value, our specific focus will be to...

## Proactively open more data

*We have a number of datasets we have not yet opened to the public, which we think could provide value to Queensland. We will proactively identify these datasets and reassess the barriers to release with the aim of publish these.*

### Success metric:

- *Number of new datasets on data.qld.gov.au*

## Improve the quality of our open data

*We recognise it is important to users that our open data is high quality and easy to understand. We will identify our most valuable open datasets and actively improve the identification of spatial attributes, and the provision of codes and explanatory notes. We will also use reuser feedback to improve the quality and timeliness of the data.*

### Success Metrics:

- *% of datasets with bronze-gold ODI certificates*
- *User data quality feedback*

## Incorporate open data in ICT project planning

*To overcome difficulties in extracting data from legacy systems, all new and enhanced information management systems being scoped for DAF will have open data requirements considered as part of the build and incorporated into the project plan and procurement process with ICT Procurement.*

### Success Metric:

- *% projects that have open data incorporated into their build specifications and tenders*

## Responsibilities

- Publish open data as committed in our open data publication schedule
- Update/refresh our open data as specified for each dataset
- Monitor our open data email inbox
- Respond to data.qld.gov.au data requests
- Respond to data.qld.gov.au data and general enquiries
- Support and train new open data publishers
- Participate in Government open data forums – Senior Officers Working Group and Open Data Practitioners Community
- Contribute to and adopt Queensland Government Enterprise Architecture policies and other documentation
- Engage with industry and the open data community
- Review and re-publish open data strategy annually
- Conduct open data maturity assessment annually
- Provide support and mentoring at GovHack events

# Action plan

Our action plan includes the initiatives we have planned to improve maturity and meet our objectives.

Category	Initiative Title	Update/refresh strategy and progress against action plan				
		2018			2019	
<b>Maturity Improvement (Action Plan)</b>	1.1 <b>Strategic oversight</b> – integrate oversight for the implementation of the open data strategy into the governance arrangements for the new DAF Digital Strategy.		█			
	1.2 <b>Knowledge and skills</b> – develop and implement a skills development program for data publishers, data managers and asset owners with a focus on sensitivity risk assessments - develop and the support the DAF ‘open data champions network’ to promote open data		█	█	█	█
	1.3 <b>Data management processes</b> – improve the open data toolbox that supports data managers and custodians assess and release data		█	█	█	
	1.4 <b>Customer support and engagement</b> - take part in events such as GovHack 2019 and CQ Disaster Hackathon 2019 - promote new data releases on social media such as Facebook and Twitter					█
<b>Objectives</b>	2.1 <b>Proactively opening more data</b> – review barriers delaying planned release data sets and identify additional datasets that could be opened	█	█	█	█	█
	2.2 <b>Improve the quality of our open data</b> - Explore the potential opportunities of enriching tabular data with spatial data – engaging with re-users to improve data quality			█	█	
	2.3 <b>Incorporate open data in project planning</b> – ensure business cases for new and upgraded systems consider open data requirements as part of the build				█	█
<b>Data Publication and other day-to-day responsibilities</b>	3.1 <b>Maintain currency</b> - update and review existing datasets and resources according to set schedules 3.2 <b>Refresh DAFs data publication schedule</b> -work with data managers and custodians to identify new datasets for release	As specified in Appendix 1 – Data Publication Schedule				

## Appendix 1 - Data publishing schedule

Our released data and update schedule is available at <https://data.qld.gov.au/dataset/department-of-agriculture-and-fisheries-catalogue-of-identified-datasets>

We plan to publish the following datasets to data.qld.gov.au over the next 24 months. This is not an exhaustive list. We will update this list as we identify more datasets to publish and when this strategy is next refreshed.

Dataset name	Description	Target Publishing Date	Frequency of Update	Licence
NHeVRP Data	National Hendra Virus Research Program – urine samples of flying foxes from locations in South-east Queensland and New South Wales	December 2018	One off	TBC
White spot monitoring	Sampling of prawns for white spot disease in Moreton Bay, Caloundra and Cairns	May 2019	TBC	TBC

## Appendix 2 – QRIC Data publishing schedule

The department also has administrative responsibilities to support Queensland Racing Integrity Commission (QRIC), including the publishing of their open data. QRIC plans to publish the following datasets to data.qld.gov.au over the next 24 months. This is not an exhaustive list. This list will be updated as more datasets are identified and when this strategy is next refreshed.

Dataset name	Description	Target Publishing Date	Frequency of Update	Licence
QRIC – Gifts and Benefits Register	Lists gifts and benefits received by QRIC staff	December 2018	Yearly	CCBY
Racing Science Samples	The number of sealed samples submitted to the RSC and the number of samples reported positive.	March 2018	Quarterly	TBC
Greyhounds	This may be multiple datasets or dataset and resources – puppies whelped, named for racing, retired	March 2018	Quarterly	TBC
Greyhound adoption programs	Retired greyhounds assessed for rehoming, rehomed and euthanised	March 2018	Yearly	TBC
Race day	Injuries, euthanised	March 2018	Quarterly	TBC
Declined Licencing and Registration	The number of license applications declined on grounds of suitability in a given year	March 2018	Quarterly	TBC
Welfare and integrity investigations	The number of integrity investigations conducted in the Thoroughbred, Harness and Greyhound codes	March 2018	Quarterly	TBC
Stable and kennel inspections	The number of inspections of Thoroughbred and Harness stables and Greyhound kennels as a number and proportion	March 2018	Quarterly	TBC
QRIC decisions and associated internal and external reviews	the number of original decisions made by QRIC staff and related internal review and Qld Civil and Administrative Tribunal numbers and outcome types	March 2018	Quarterly	TBC

## Appendix 3 – Closed Data

Some data is not in the public interest to release publicly. The following datasets are closed and we will not release them as open data. This is not an exhaustive list. We will update the list as more closed datasets are identified when this strategy is next refreshed.

DAF has a significant number of sensitive data assets, these have not yet been reviewed to determine if all the data contained within must remain closed. This task is part of the planned Information security management systems project planned for 2019.

Dataset Title	Reason for not publishing
	DAF has a significant number of sensitive data assets, these have not yet been reviewed to determine if all the data contained within must remain closed. This task is part of the planned information security management systems project planned for 2019.