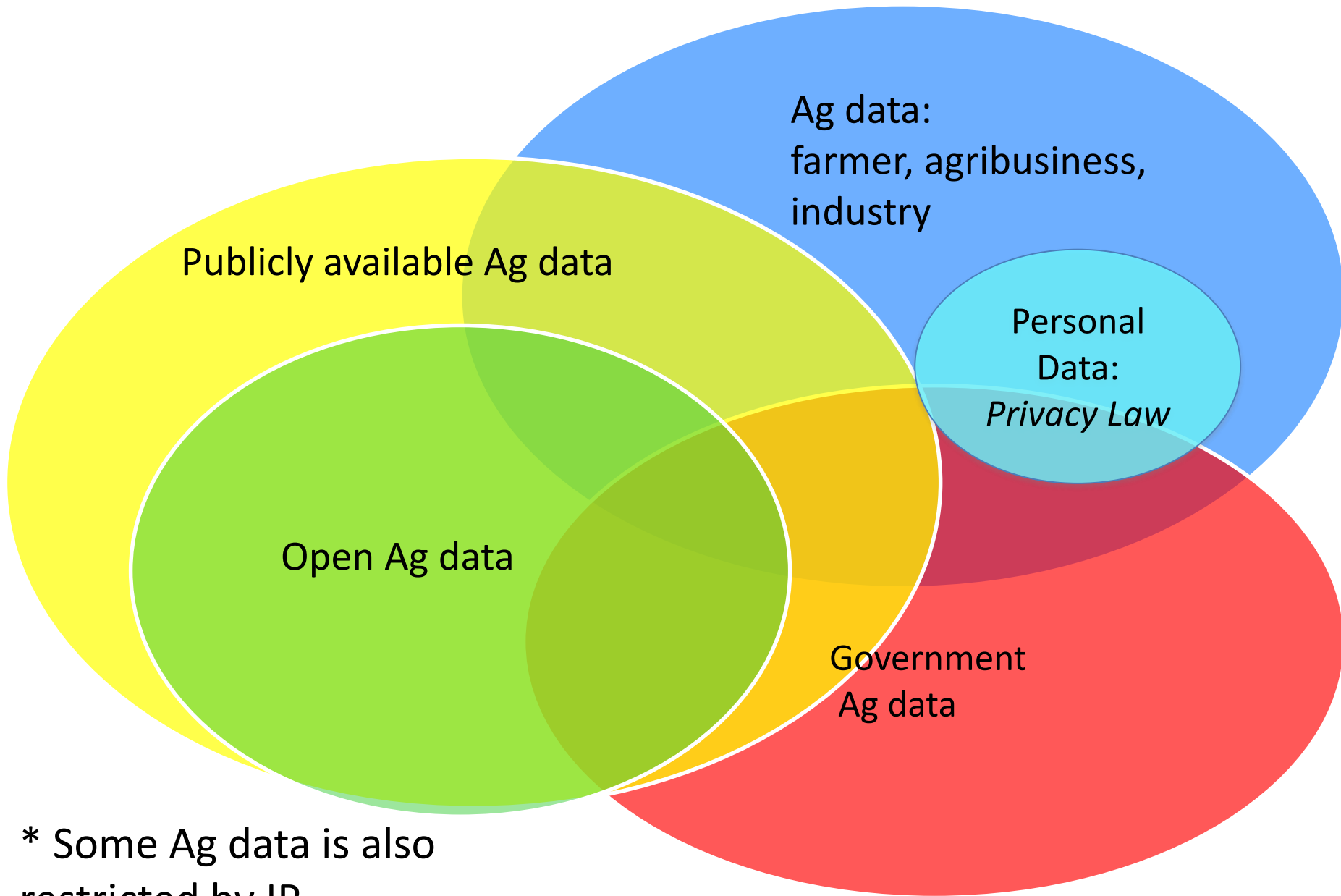


Privacy Implications of Agricultural Data





* Some Ag data is also
restricted by IP
rights/contracts

Opening Access to Ag Data

As open data initiatives are being embraced more and more Ag data is being released to the public.



Open Ag Data Alliance

gODAN

Global Open Data
for Agriculture & Nutrition

Blog Post • 20.06.2018

0 comments

Big Data Key to Unlocking Innovation in Agriculture for Future Food Security



Not open... but “F.A.I.R” Data

FAIR



POLICY STATEMENT ON F.A.I.R. ACCESS TO AUSTRALIA'S RESEARCH OUTPUTS

[Download F.A.I.R. Policy Statement PDF](#)

Introduction

In the new knowledge economy, skills, knowledge and new ideas are a country's most valuable resource. Keeping ahead of this economic transformation requires a new approach to knowledge discovery and dissemination that combines strong policies with core infrastructure and cultural change.

Other countries—including the USA, Canada, China and in the UK and European Union—are making policy, funding and legislative changes to improve the discoverability and impact of their research publications and data. A new model, F.A.I.R.^[1], is being adopted worldwide to make research output data Findable, Accessible, Interoperable and Reusable^[2].

Australia's ability to remain competitive and contribute fully to the global economy relies on it grasping the new opportunities available for research dissemination to advance knowledge, solve complex real world problems and stimulate innovation. Lack of access to interlinked evidence in research publications and research data currently inhibits national and international research and scholarship, collaboration, and public debate.

This statement affirms the need to make Australia's publicly funded research outputs F.A.I.R., recognising this will require different approaches across different types of research output, a long-term national commitment, and consideration of the global change agenda.

Data should be

• *Findable*

• *Accessible*

• *Reusable*

• *Interoperable*

By 2020, Australian publicly funded researchers and research organisations will have in place policies, standards and practices to:

1. Make publicly funded research outputs findable, accessible, interoperable and reusable.

Specifically:

- (a) make research publications immediately free to read at the time of publication through a range of different strategies, either via a publisher's website or an institutional or other acceptable public repository.
- (b) make research data directly related to research publications as open as possible and as closed as necessary, in accord with the *Australian Government Public Data Policy Statement*.
- (c) apply Creative Commons licences and utilise international metadata standards to research outputs to ensure accessibility, interoperability and reusability.
- (d) ensure that authors/creators obtain and retain all necessary rights to enable the authorisation of publication and re-use in any format at any time.
- (e) support the development of incentives for researchers to make research outputs available in accord with this policy.

2. Value and practically support a range of dissemination models, recognising discipline diversity, whilst maintaining a commitment to the principles of this policy.

3. Ensure that the application of this policy is in accordance with the *Australian Code for the Responsible Conduct of Research* and other codes of practice which lay out requirements to disseminate research responsibly, ethically and for the benefit of the Australian and

The Rise of Data Rights

In EU, GDPR sets a new standard for data collection, standard and usage

Changes how companies handle consumer privacy and gives individuals new rights to access and control their data on the internet



Australia

- New Data Sharing and Release laws proposed

NEW LAWS TO IMPROVE ACCESS TO DATA AND USE OF DATA

A Data Sharing and Release Legislative Package



Reforming the national data system

Consumer Data Right

Led by The Treasurer

Rights for consumers

Consumer data access and transfer rights to improve competition and consumer choice



Close collaboration with industry

A new Data Standards Body will facilitate collaboration on data access and transfer standards with designated industry sectors, the technology community, consumer groups and privacy advocates



New data sharing and release arrangements

Led by the Minister Assisting the Prime Minister for Digital Transformation

Improve Australia's current data system

Address existing barriers, such as lack of standardised and transparent approaches to data sharing and release, and unnecessarily complex data access processes



Improved access to public data

Further increase the value that is derived from Australia's public data



New legislation

A new Data Sharing and Release Act will establish the new Data Sharing and Release institutional and governance arrangements



National Data Commissioner (NDC)

A National Data Commissioner to oversee and monitor the integrity of Australia's data system. The NDC will engage widely with the public; provide guidance to promote technical best practice and ethical uses of data; and drive cultural change towards greater use and reuse of data.

Existing Data and Privacy Laws

Mandatory Data Breach Notification Breach

(Feb 2018)

- strengthens the protections afforded to everyone's personal information, and will improve transparency in the way that the public and private sectors respond to serious data breaches.

Privacy Laws and 13 Privacy Principles

(APP)

- 'identified person or a person who is reasonably identifiable'

'Personal Information'

What is personal data?



Name



Address



Localisation



Online identifier



Health information



Income



Cultural profile



and more



COLLECT
STORE
USE
DATA?



You have to abide
by the rules.

- Personal Data ?

Need for Balance

It is therefore critical to develop effective approaches to balance these benefits and risks enabling agricultural data to be shared without unduly compromising privacy

**Assoc Prof Leanne
Wiseman**

Griffith Law School
Griffith University

[l.wiseman@griffith.edu
.au](mailto:l.wiseman@griffith.edu.au)

Ph 3735 3260

www.acipa.edu.au

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This project is supported by funding from

