

Data Governance at NCVER

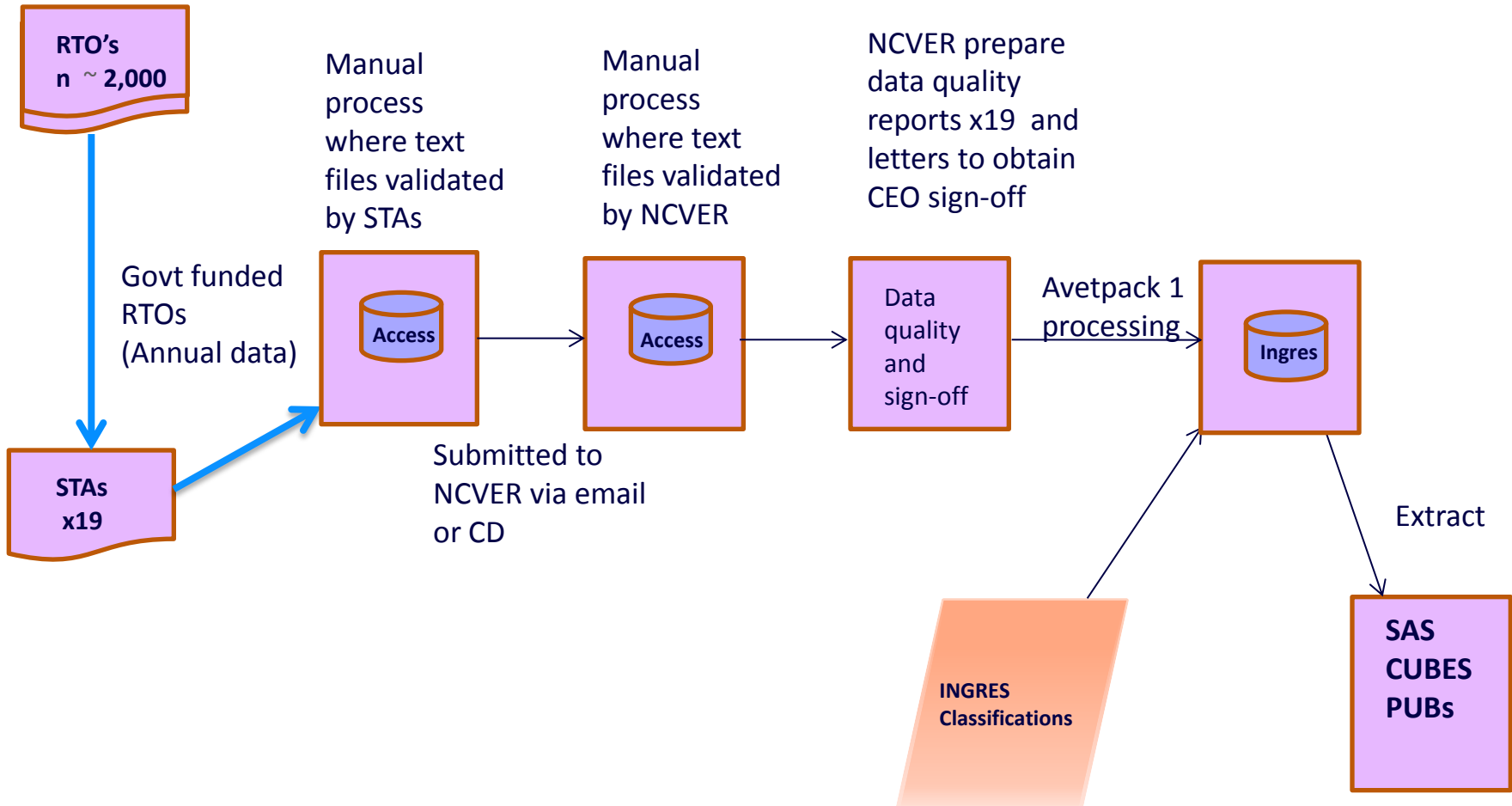


Presentation by: Dr Craig Fowler
Managing Director NCVER
Australian Government Statistical Forum (AGFS)
23 April 2015, Canberra

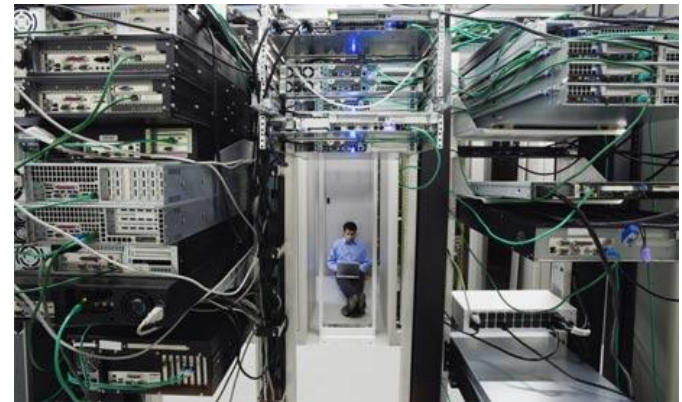
Data Governance at NCVET

- Why we need it?
 - NCVET's data collection model pre and post-TVA
- NCVET's data governance model
- Data governance organisation and roles
- Data governance maturity at NCVET
- Next steps

Data Collection Overview - pre 2014



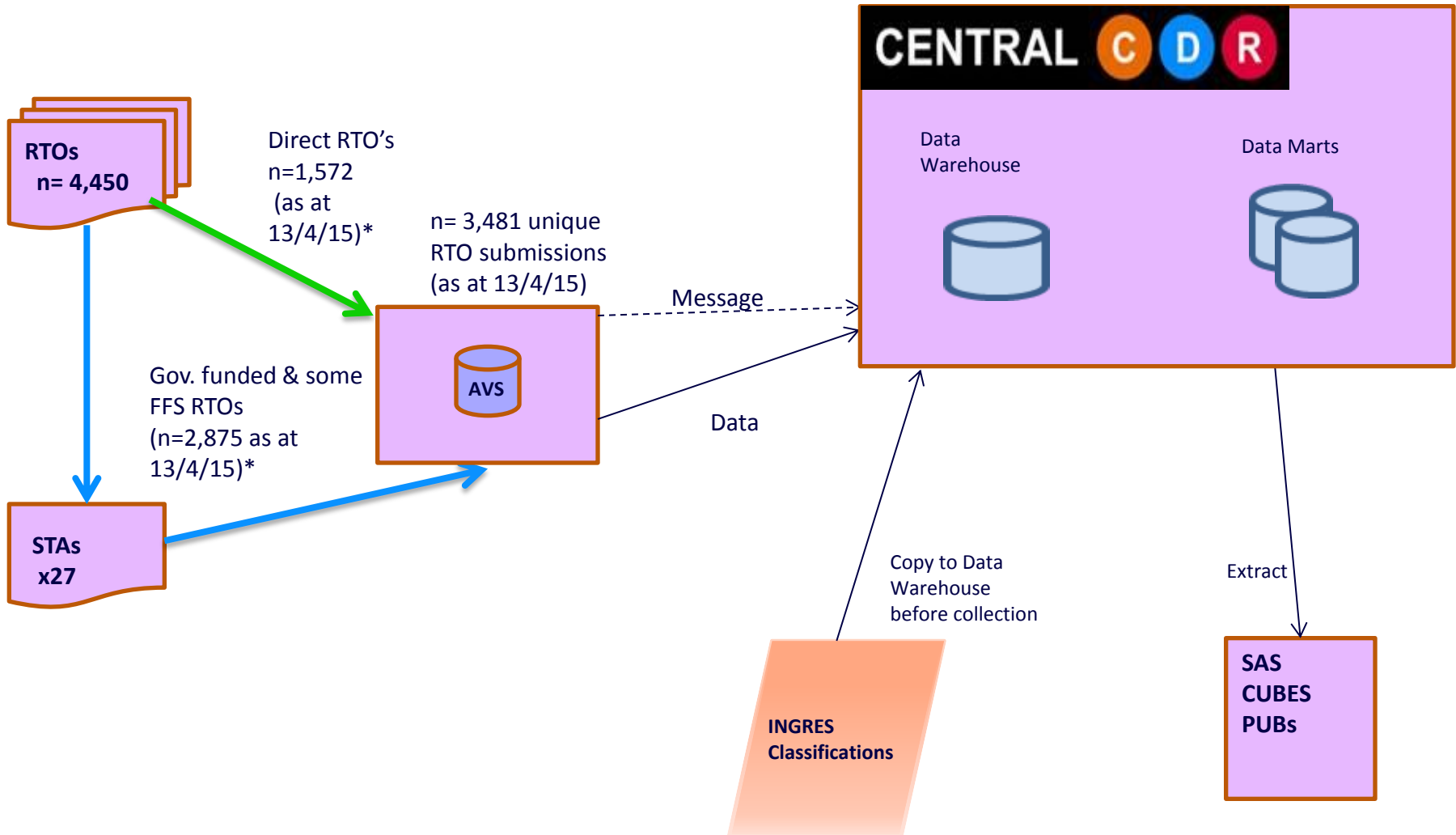
Why We Need Data Governance



Impetus for change

- NCVER vision:
 - To inform and influence vocational education and training in Australia through credible, reliable and responsive research and statistical service
- Data management and data quality has always been important at NCVER, but we needed to do more....
- More data, more often requires better data governance
- More change
- Manual processes replaced with automated processes
- Introduction of new capital investments requiring data-related decision making in a more formal manner
- Retiring data savvy people, new systems, processes

Data Collection - 2015



*some RTOs submitted to multiple jurisdictions as well as directly to NCVER

About Data Governance

- An emerging discipline with an evolving definition
- A convergence of data quality, data management, data policies, business process management, risk management
- A data governance framework:
 - defines the decision rights and accountabilities for data management
 - encompasses people, policy, processes, and technology
 - ensures the organisations data assets are formally and consistently managed

Why does NCVET need data governance?

- NCVET's core business is data management
- Enhances NCVET's reputation as the trusted custodian of the national VET administrative collections and surveys
- Helps improve data quality, consistency, and timeliness
- Ensures key policies are established and adhered to – security, privacy, access



NCVER's Data Governance Model

Policies

- Data Standard (AVETMISS)
- Data Quality
- Data Confidentiality
- Data Governance
- Privacy
- Data Access Protocols
- Info. Systems & Tech. Security
- Data Retention
- Authority to release CURFS

Organisation Structures, Roles, Responsibilities

- Executive Sponsor
- Data Committee
- Data Stewards
- Data Custodians

Process & Systems

Business Glossary Tool & processes

Data Quality Processes

Data Access Processes

Information Architecture

Info. Mgmt. Strategy

Information Management Strategy



Organisation Structures

- ✓ Provide executive sponsorship
- ✓ Establish strategic direction
- ✓ Establish policy framework
- ✓ Allocate resources & funding
- ✓ Consults with NCVER Board
- ✓ Consults with Stakeholders

Executive Sponsor

- ✓ Define policies
- ✓ Define (approve) systems, process, tools
- ✓ Ensures policy conformance
- ✓ Escalation point for issue resolution

Data Committee

- ✓ Implement policy
- ✓ Implement processes
- ✓ Implement approved changes

Data Stewards

Data Custodians

- ✓ Implement policy
- ✓ Manage processes
- ✓ Review & Approve requests
- ✓ Manage resolution of issues
- ✓ Ensure outcomes aligned to policy

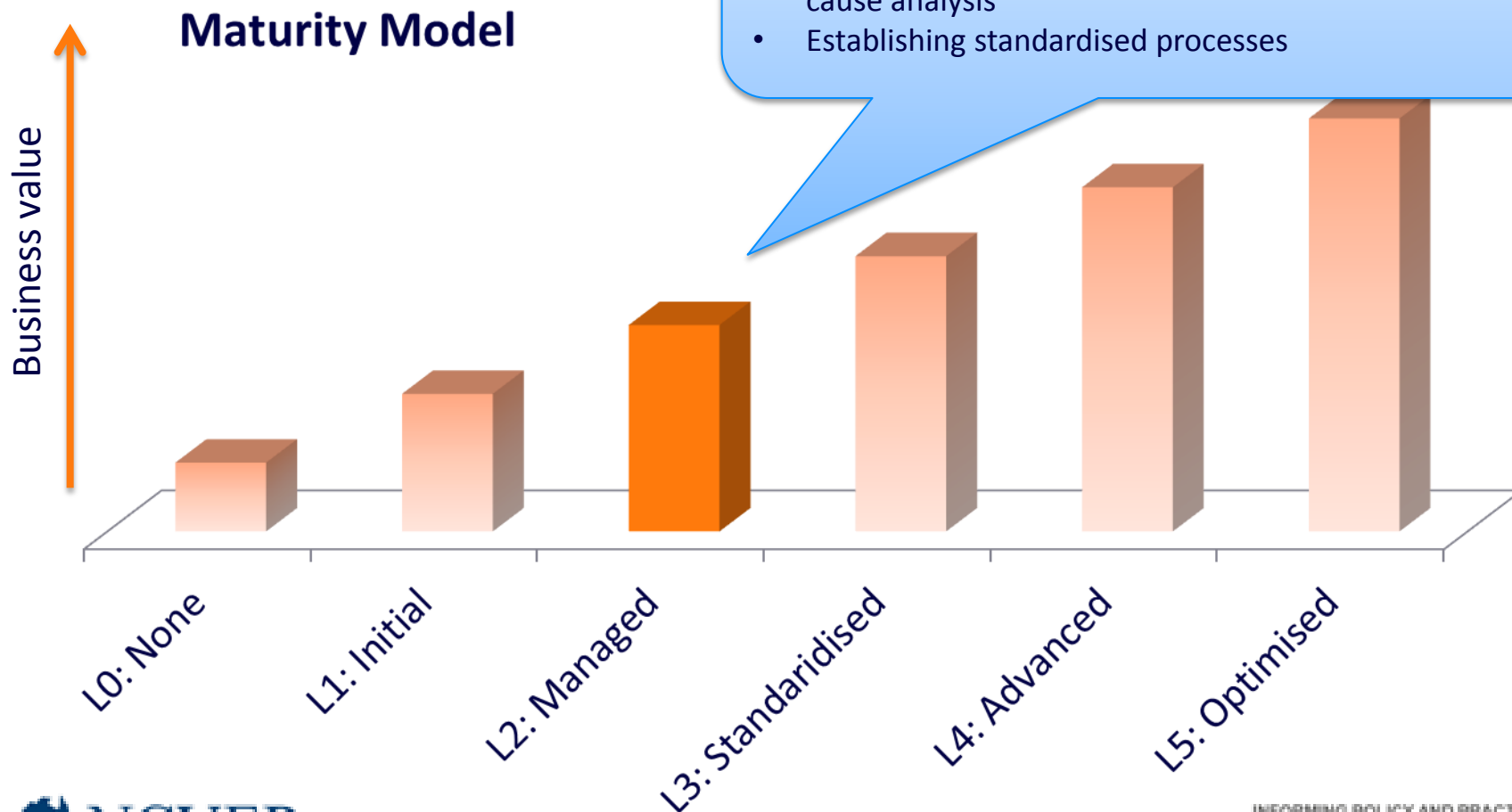
Data Consumers

- ✓ Conform with policy
- ✓ Raise requests & issues



Data Governance Maturity

- Ownership identified (Stewards, custodians, Exec sponsor)
- Not so reliant on data savvy individuals
- Loosely defined IT & business processes
- Data problems dealt with primarily reactively, some route cause analysis
- Establishing standardised processes



Challenges for NCVER's Data Governance

- High public profile and interest in education and training
- Lack of external authorising body with the demise of NSOC and DPMPC
- Legislative change:
 - New Standards for RTOs including the VET Data Reporting Provisions, 2012
 - Introduction of the Student Identifier Act, 2014
 - New Privacy legislation in March 2014 (APPs)
- Changing internal environment
 - New technologies
 - New stakeholders
 - New staff

Next Steps

- Information Management Strategy
- Formalisation of business processes supporting data governance
- Training for Data Stewards and Custodians
- Exploring options for a business glossary central repository tool
- Revising the data sharing protocols
- Commitment to continuous improvement
 - Ongoing privacy, data quality & security reviews

NCVER Stay connected

Subscribe

- Email alerts – notification on day of release
 - `ncver_news` – fortnightly summary of releases
- at www.ncver.edu.au

Follow



twitter.com/ncver or [@ncver](https://twitter.com/ncver)



[linkedin.com/company/ncver](https://www.linkedin.com/company/ncver)