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| Readiness Assessment Guidelines  Digital Cadastre Modernisation, Land Use Victoria |

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| Acknowledgment  We acknowledge and respect Victorian Traditional Owners as the original custodians of Victoria's land and waters, their unique ability to care for Country and deep spiritual connection to it. We honour Elders past and present whose knowledge and wisdom has ensured the continuation of culture and traditional practices.  We are committed to genuinely partner, and meaningfully engage, with Victoria's Traditional Owners and Aboriginal communities to support the protection of Country, the maintenance of spiritual and cultural practices and their broader aspirations in the 21st century and beyond. |
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# Key terms and acronyms

|  |  |
| --- | --- |
| Term | Description |
| Business dataset | Spatial and aspatial data that is generated and used by your business. In this context, it is likely to be data that is reliant or integrated with Vicmap products. |
| Cadastre | Representation of land parcel and property boundaries |
| Digital cadastre | Digital representation of land parcel and property boundaries |
| DCM | Digital Cadastre Modernisation |
| Vicmap | Victoria’s state-wide portfolio of authoritative spatial data products. |
| GDA2020 | Geographic Datum of Australia version 2020 |
| Alignment | i) Refers to the alignment of Vicmap to the dataset produced by digital cadastre modernisation ii) Alignment of Business datasets sets to Vicmap |
| Spatially improved Vicmap products | Vicmap products that have been integrated with DCM-derived property and parcel boundaries (the digital cadastre) |

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# About the Digital Cadastre Modernisation Project

**The Victorian Government is investing $47 million to bring Vicmap property boundaries into the digital age, ensuring that one of the state’s most important datasets is accurate, modern and easily accessible.**

Vicmap is the state’s authoritative suite of spatial data products which provides the foundation of all mapping in Victoria. Digitised and improved property and parcel boundaries generated by the Digital Cadastre Modernisation (DCM) project will be used to spatially improve all Vicmap products in 2022 and 2023.

The project will deliver cost and time savings in property development and real estate and provide better location information for utilities maintaining assets. The project will enable property boundary information to be more easily used in the broader spatial domain.

Vicmap will be updated progressively over 2022 and 2023, with the release of improved property boundary data by local government area. For more information about when improved property boundary data will be released, visit the [Digital Cadastre Modernisation website](https://www.land.vic.gov.au/surveying/projects-and-initiatives/digital-cadastre-modernisation).

The digital cadastre upgrade is part of Land Use Victoria’s five-year initiative to transform the legacy map of Victoria’s property boundaries into a data-driven, spatially improved, 3D digital representation of the cadastre.

Keep up-to-date with the progress of the DCM by signing up to [Vicmap change notices](https://www.land.vic.gov.au/maps-and-spatial/spatial-data/updates-to-vicmap) or by emailing [vicmap@delwp.vic.gov.au](mailto:vicmap@delwp.vic.gov.au)

You can contact a DCM project team officer directly by emailing [digital.cadastre@delwp.vic.gov.au](mailto:digital.cadastre@delwp.vic.gov.au)

# How will digital cadastre modernisation impact Vicmap products?

As a result of the DCM project, property boundaries in Vicmap now have numerical values (points and nodes) derived from digitised data from live plan and surveys – this was stage 1 of the project. We now have a database of the digital property boundary data which forms the foundation of the new, spatially upgraded Vicmap. The process of adjustment (stage 2 of the project) has tested the spatial accuracy of property boundary points, producing a more accurate digital cadastre for all of the state.

Stage 3 of the project is the integration of this spatially improved data with Vicmap. Upgraded (more spatially accurate) property boundary data will be used to improve the property and parcel information throughout Vicmap products.

Not all Vicmap spatial data layers will be affected by DCM. The spatial upgrade will have the greatest impact on the Vicmap products and tables outlined below.

The most likely impact of DCM on your business datasets will be for those that depend on Vicmap for positioning. These datasets may need to be transformed to match the spatially improved Vicmap once Vicmap for your business area is released and published.

### Vicmap products that will be most affected by DCM

|  |  |
| --- | --- |
| Vicmap product | Vicmap tables |
| **Vicmap Address** | Address Points |
| **Vicmap Admin** | Local Government Area, Locality, Parish, Postcode and Township |
| **Vicmap Crown Land Tenure** | Tenure and Government Road |
| **Vicmap Features of Interest (FoI)** | FoI Line and FoI Area |
| **Vicmap Hydro** | Water Channels |
| **Vicmap Index** | Framework Boundary |
| **Vicmap Property** | Parcel, Property, Road Casement, Easement, Annotation, Cad Area Bdy and Cad Line |
| **Vicmap Transport** | Airport Area, Railway and Road |

### Changes to Vicmap and the impacts across other government spatial datasets

Vicmap products managed within the Department of Environment, Land, Water and Planning (DELWP), such as those of Vicmap Planning, will adopt and manage the DCM spatial upgrade independently of Vicmap Spatial Services. Other government spatial data managers are monitoring the DCM roll out to Vicmap and may apply changes to their datasets if they are impacted.

### Investigating the extent of impact from DCM on your business datasets

There are two ways that your organisation can explore the potential impacts of Vicmap changes coming from DCM, on your business datasets.

1. Access and view a sample of the spatially upgraded data and integrate it with your business data to assess the degree of change. Test data will be available for some municipalities from early 2022. Please contact a DCM project team member via [digital.cadastre@delwp.vic.gov.au](mailto:digital.cadastre@delwp.vic.gov.au) to discuss this option.
2. Use the DCM Integration Viewer to view the spatially upgraded Vicmap for a given municipality before adopting the new upgraded Vicmap. The Integration Viewer is an online map viewer that will be available to registered users from March 2022. Please contact us to arrange access to this via [digital.cadastre@delwp.vic.gov.au](mailto:digital.cadastre@delwp.vic.gov.au).

# Readiness assessment guidelines

The purpose of this document is to help your organisation plan the work involved in aligning your business datasets with the spatially improved Vicmap products.

Your organisation can plan for the adoption of, or transition to the upgraded Vicmap in four stages, as suggested in figure 1 below.

The Readiness Index (see next page) is designed to help you to measure and monitor your progress through each stage.

Figure 1: The four stages of work in getting ready for Digital Cadastre Modernisation

# The Readiness Index – an online survey to gauge your readiness

The Readiness Index is an online survey that takes an organisation through five focus areas. The survey prompts your organisation to consider the following:

1. The reliance of your business datasets on Vicmap.
2. Who in your organisation should be made aware of DCM and potential change.
3. Planning to move your datasets.
4. How to approach the data migration or transformation.
5. Post-migration activities.

The survey poses a series of questions across each focus area. Your responses are captured in a **Readiness Report** which you will generate by completing the survey and downloading this.

**Important notes**

* The online survey tool can be completed anonymously, with respondents asked only to identify the sector they work in. It is optional to provide your email and name at the start of the survey. We are not collecting individual organisational data in this survey. Land Services within DELWP may use overarching completion statistics from this survey to report internally about how many organisations have used the tool.
* We suggest completing the survey in one sitting – your input is not saved, that is, the survey is not a multiple response survey - you cannot save your responses and complete it at a future point. This approach was designed in response to user feedback who advised us of a preference for an anonymous response survey.
* You can complete the survey multiple times. We encourage organisations to complete the survey early in 2022 and again when you start using or are about to start using the spatially upgraded Vicmap.

## The Readiness Score

The **Readiness Report** explains your readiness response at a point in time and provides two key scorecards to help you assess your readiness for DCM:

1. A Vicmap Impact Rating which provides an indication of the scale of impact of DCM to your organisation, based on the degree of impact to your business datasets.
2. A Readiness Index which provides an indication of the extent of preparedness that your organisation has completed. A higher percentage indicates a higher degree of organisational readiness.

These two scores are further described in the next section of this guide.

**Please note** - you can re-visit the Readiness Index survey tool at any time to update your assessment and generate an updated report. Your responses are not saved as you undertake the survey, it is a single time response tool.

# Reliance on Vicmap

**The survey questions in the first stage ask you to consider how the DCM spatial improvements will affect your organisation and prompt you to communicate this to key stakeholders.**

Vicmap datasets are the foundational mapping datasets for Victoria. The questions in this section will assess how your organisation uses Vicmap and which of your business datasets will be affected so that you can understand the potential impacts from DCM spatial improvements.

For example, this could include GIS layers for management of assets and clients, delivering services or responding to incidents. The extent of impact of DCM on your business data will depend on your integration with affected Vicmap products and datasets.

It is recommended that your organisation completes at least the first stage of the survey consisting of 3 questions (see Table 2), and then generate a Readiness Report. The Readiness Report may be used to support the briefing of key stakeholders inside the organisation about the scope, impact and benefit of aligning your business data to the spatially improved Vicmap.

Table 2: Key questions

|  |  |  |  |
| --- | --- | --- | --- |
| No | Questions | Possible Answers | Yours |
| 1 | Which Vicmap products do you currently use in your organisation?   * Y or N | Admin |  |
| Address |  |
| Crown Land Tenure |  |
| Features of Interest |  |
| Hydro |  |
| Index Framework |  |
| Property |  |
| Transport |  |
| Don't Know |  |
| 2 | Vicmap maintenance introduces continual spatial changes into the Vicmap products. How does your organisation accommodate these changes within current data management practices? | Change detection |  |
| Plan of sub referral |  |
| Mapbase refresh |  |
| IUF |  |
| Other |  |
| 3 | Please estimate how many business datasets of each type currently rely on the Vicmap products? These can include derived or value-added datasets from Vicmap or business data that aligns with Vicmap.   |  | | --- | | ⃰Possible Answers | | Less than 5 | | Less than 10 | | Less than 25 | | Greater than 25 | | Administrative boundaries |  |
| Assets |  |
| Customers |  |
| Properties |  |
| Routes |  |
| Connections/Meters |  |
| Other |  |

## Vicmap Impact Rating

Once you have completed the first part of the Readiness Index, the report will determine your organisation’s level of Reliance on Vicmap.

The scale (below) provides an indication about how the spatially improved Vicmap will affect your organisation. The report will compare your impact rating against other similar organisations who have completed the Readiness Index to help you understand how your organisation compares across your sector.

At this time, it is not feasible to translate levels of impact into the level of effort involved in aligning your business datasets with the spatially upgraded Vicmap. However, you can compare your impact rating against other similar organisations who have completed the Readiness Index to get a sense of how your organisation compares in terms of general impact. Comparisons are provided in the Readiness Report.

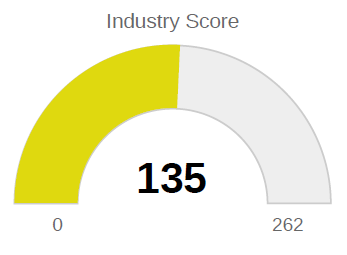
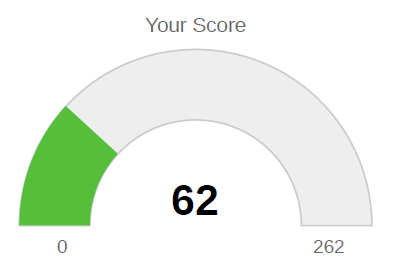


Figure 2: Examples of Vicmap Impact ratings

# Awareness of DCM across the organisation

**To ensure your organisation is aware of DCM and how it will affect stakeholders in your organisation and the business datasets they manage and use, the next set of questions in the survey help you understand how prepared your organisation is to integrate your DCM affected business datasets with the spatially improved Vicmap.**

Given the level of effort that may be required, it will be important to identify and highlight the benefits that the organisation should experience. These benefits may include;

* increased confidence in decisions made using geospatial data and analysis
* greater reliability of manual or automated spatial processes that derive responses to queries (e.g. is this object within this boundary?)
* support for migration toGDA2020 for business data
* shorter timeframes for new subdivision boundaries to be made available
* tighter alignment to aerial imagery
* spatially improved data that supports development of digital twins
* increased confidence in provision of automated dial-before-you-dig services

Each organisation is recommended to consider their own list. Briefings to senior managers may include your own version of the Readiness Report generated from the Readiness Index.

### Table 3: Key questions

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Questions | Possible Answers | Scores | Yours |
| 4 | Have you considered the positive outcomes that moving to the upgraded Vicmap will bring to your organisation? | No | 0 |  |
| Some | 1 |  |
| Yes | 3 |  |
| 5 | Have you considered the extent of changes that will be required to your current business datasets to align with the spatially improved Vicmap? | No | 0 |  |
| Some | 1 |  |
| Yes | 3 |  |
| 6 | Do you have or are you preparing a roadmap (or action plan) for updating your business data to align with the spatially improved Vicmap? | No | 0 |  |
| Some | 1 |  |
| Yes | 3 |  |
| 7 | Has senior management endorsed plans to integrate with the spatially improved Vicmap? | No | 0 |  |
| Some | 1 |  |
| Yes | 3 |  |
| 8 | Is your organisation generally aware of how DCM will spatially improve Vicmap and the short-term impacts on your organisation? | No | 0 |  |
| Some | 1 |  |
| Yes | 3 |  |
| 9 | Are all relevant internal stakeholder of affected business datasets informed about DCM and engaged in plans to make changes? | No | 0 |  |
| Some | 1 |  |
| Yes | 3 |  |
| 10 | Have all relevant vendors been informed that your organisation will be aligning your business data with the spatially improved Vicmap and that this may impact their future services to you? | No | 0 |  |
| Some | 1 |  |
| Yes | 3 |  |
| Not applicable | 0 |  |
| 11 | At this time, are you confident to undertake the planning required? | Unsure | 0 |  |
| No | 0 |  |
| Yes | 3 |  |
| 12 | At this time, are you confident to undertake the transformation work required? | Unsure | 0 |  |
| No | 0 |  |
| Yes | 2 |  |
| 13 | What resources do you plan to use to assist in any potential changes? | Internal resources | 3 |  |
| External resources | 3 |  |
| Combination | 3 |  |
| Unsure | 0 |  |

## Readiness index percentage score

When you have completed the second stage of the survey, the report will provide a Readiness Index percentage score that helps you understand how prepared or ready your organisation is to transition to the spatially improved Vicmap. When you complete the awareness raising tasks, your organisation will be approximately 15% to 20% prepared for any dataset transformations that need to occur.

The report also compares your organisation’s levels of readiness against similar organisations (subject to data availability, which relies on other organisation’s completing the Readiness Index).

As you become more prepared for the spatially upgraded Vicmap, you may wish to re-run the Readiness Index and to re-establish your readiness and track yourself against similar organisations.

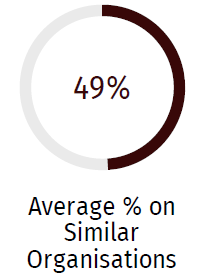
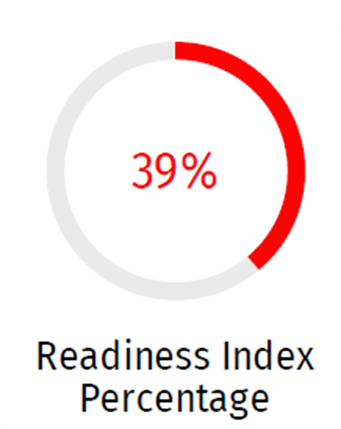


Figure 3: Examples of Readiness Index scores compared

# Getting Ready – making a plan

**This stage in the survey prompts your organisation to complete a data audit to understand the potential impact of aligning your linked business data with the spatially improved Vicmap products.**

It is important to identify which datasets are linked with Vicmap data either spatially or through attribute tables and how this linkage is maintained. You may need to engage with other data custodians across your organisation to complete a data audit.

You can download a **Data audit** template from the [Digital Cadastre Modernisation website.](https://www.land.vic.gov.au/surveying/projects-and-initiatives/digital-cadastre-modernisation)

Business datasets may be affected by the spatially improved Vicmap products. Your existing corporate metadata records may be helpful in identifying the range of affected datasets by the description of method of capture and how updates have been made to them over time.

In addition, mapping templates, coded workflows and work practices may also be affected, and it is important to document what the changes required might look like across the organisation.

If business datasets are linked to a spatially improved Vicmap product, you may need to consider the flow on effects to metadata, reporting and asset management systems. You should also consider whether the Vicmap products in GDA2020 datum will affect any management practices?

Whilst undertaking the audit, consider:

* How is each business dataset impacted by a spatially improved Vicmap product?
* What steps need to be taken to adjust it?
* What primary Vicmap data do you need to adjust your business dataset?

The audit can help you to estimate how much effort and cost will be associated with transitioning each affected business dataset. The information can be used to prepare and present a business case for any additional resourcing your organisation might need for the task.

You can download a **Business case** template from the [Digital Cadastre Modernisation website.](https://www.land.vic.gov.au/surveying/projects-and-initiatives/digital-cadastre-modernisation)

### Table 4: Key questions in this section

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Questions** | **Possible  Answers** | **Scores** | **Yours** |
| 14 | Have you commenced an audit of business datasets you hold including Vicmap and related data? | No | 0 |  |
| Planned | 2 |  |
| Ready to Commence | 3 |  |
| In Progress | 4 |  |
| Completed | 5 |  |
| 15 | Have you assessed the possible impact of the spatially improved Vicmap products on each linked business dataset? | No | 0 |  |
| Planned | 2 |  |
| In Progress | 4 |  |
| Completed | 5 |  |
| 16 | Have you commenced an audit of mapping templates, coded workflows and work practices that will be impacted by changes in data alignment, schema changes, projections and metadata? | No | 0 |  |
| Planned | 2 |  |
| Ready to Commence | 3 |  |
| In Progress | 4 |  |
| Completed | 5 |  |
| 17 | Do you have maintained metadata for your business datasets? | No | 0 |  |
| Planned | 2 |  |
| Ready to Commence | 3 |  |
| In Progress | 4 |  |
| Yes | 5 |  |
| Yes but it won’t be impacted | 5 |  |
| 18 | Do you have a defined list of custodians or business owners for your business datasets? | No | 0 |  |
| Planned | 2 |  |
| Ready to Commence | 3 |  |
| In Progress | 4 |  |
| Yes | 5 |  |
| 19 | Do you have a plan to migrate to GDA2020? | No | 0 |  |
| Planned | 2 |  |
| Ready to Commence | 3 |  |
| In Progress | 4 |  |
| Migrated | 5 |  |
| Will transform with DCM data | 5 |  |
| 20 | Have you secured a budget to transform your linked business datasets and supporting processes to the spatially improved Vicmap? | No | 0 |  |
| Planned | 2 |  |
| In Progress | 4 |  |
| Confirmed | 5 |  |

# Implementing the plan – data migration and transformation

**This stage will help your organisation to commence transformation of your business datasets. This will require a migration plan for each dataset depending on the original source of the data and the nature of it.**

It is recommended that you develop a migration plan for each affected business datasets, including any associated tables and work practices. This should include;

* the methodology you will use to transform each business dataset, including quality assurance and testing
* who will undertake the migration
* plans for each dataset for when they will go live (i.e. released all at once or iteratively)
* how the change will impact end users.

It is recommended that you talk to your peers in similar organisations and representatives from the Vicmap team to determine the most appropriate techniques to transform different types of data.

A sample of adjusted parcel boundary data may be available to view for your area of interest, and this can be utilised to assess the degree of change when planning the transformation of your datasets.

Please contact a DCM project team member via [digital.cadastre@delwp.vic.gov.au](mailto:digital.cadastre@delwp.vic.gov.au) to discuss options for accessing adjusted data.

### Table 5: Key questions in this section

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Questions | Possible  Answers | Scores | Yours |
| 21 | Have you defined the methodology you will use to perform the transformation on each business dataset (i.e. data shift, update schema/ data attributes, update metadata, re-project to GDA2020)? | No | 0 |  |
| Planned | 2 |  |
| Ready to Commence | 3 |  |
| In Progress | 4 |  |
| Consultant Contracted | 4 |  |
| Completed | 5 |  |
| 22 | Do you have a migration plan for each of your business datasets? | No | 0 |  |
| Planned | 2 |  |
| Ready to Commence | 3 |  |
| In Progress | 4 |  |
| Completed | 5 |  |
| 23 | Do you have a testing and quality assurance plan for once the business datasets have been migrated? | No | 0 |  |
| Planned | 2 |  |
| Ready to Commence | 3 |  |
| In Progress | 4 |  |
| Completed | 5 |  |
| 24 | Have you commenced data transformation? | No | 0 |  |
| Planned | 2 |  |
| In Progress | 4 |  |
| Completed | 5 |  |
| 25 | Do you have a go-live plan following the transformation of your business data? | No | 0 |  |
| Planned | 2 |  |
| In Progress | 4 |  |
| Completed | 5 |  |

**The goal for this stage is to complete the transformation, ensure stakeholders are aware and that your tools are ready to fully use your spatially improved data.**

At each stage in your transition journey, it is recommended that you complete the Readiness Index to generate an updated Readiness Report which can be used to brief key stakeholders on your progress.

The transition may require your organisation to update processes and workflows and provide training in any new practices. These changes will need to be communicated to stakeholders (all end users, managers, vendors and business dataset owners) to let them know that the transition is complete, and your spatially improved data is ready for use.

# Post Migration

**At the end of the project, we suggest that some final communications to signal the completion of the data migration or transformation be developed.**

Your suppliers, contractors, data managers and other stakeholders external to the organisation would benefit from understanding that you are now working with the upgraded Vicmap, with more spatially accurate property and parcel boundaries.

You could complete the Readiness Index Survey one final time at the end of your transition journey to generate a final Readiness Report to demonstrate your completion and finalisation of the process.

### Table 6: Key questions in this section

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Questions | Possible  Answers | Scores | Yours |
| 26 | Have the outcomes from the alignment of your business datasets to the spatially upgraded Vicmap been assessed? | Not yet | 0 |  |
| Have plan to assess | 2 |  |
| In Progress | 4 |  |
| Completed | 5 |  |
| 27 | Are there any benefits previously identified that are now realised? | Not yet | 0 |  |
| Have plan to assess | 2 |  |
| In Progress | 4 |  |
| Completed | 5 |  |
| 28 | Has change been communicated to senior managers? | No | 0 |  |
| Planned | 2 |  |
| In Progress | 4 |  |
| Completed | 5 |  |
| Not Applicable | 0 |  |
| 29 | Has change been communicated to business dataset owners? | No | 0 |  |
| Planned | 2 |  |
| In Progress | 4 |  |
| Completed | 5 |  |
| Not Applicable | 0 |  |
| 30 | Has change been communicated to staff? | No | 0 |  |
| Planned | 2 |  |
| In Progress | 4 |  |
| Completed | 5 |  |
| Not Applicable | 0 |  |
| 31 | Has change been communicated to suppliers? | No | 0 |  |
| Planned | 2 |  |
| In Progress | 4 |  |
| Completed | 5 |  |
| Not Applicable | 0 |  |
| 32 | Has change been communicated to contractors? | No | 0 |  |
| Planned | 2 |  |
| In Progress | 4 |  |
| Completed | 5 |  |
| Not Applicable | 0 |  |
| 33 | Has change been communicated to vendors? | No | 0 |  |
| Planned | 2 |  |
| In Progress | 4 |  |
| Completed | 5 |  |
| Not Applicable | 0 |  |
| 34 | Have you amended any workflows for data updates and data sharing? | No | 0 |  |
| Planned | 2 |  |
| In Progress | 4 |  |
| Completed | 5 |  |

# Readiness Index Checklist

All of the questions from the Readiness Index are presented in the following table for your reference.

|  |  |  |  |
| --- | --- | --- | --- |
| No | Questions | Tick | Notes |
| **Reliance on Vicmap** | | | |
| 1 | Which Vicmap products do you currently utilise in your organisation?  -  Admin, Address, Crown Land Tenure, Features of Interest, Hydro, Index Framework, Property, Transport |  |  |
| 2 | Vicmap maintenance introduces continual spatial changes into the Vicmap products. How does your organisation accommodate these changes within current data management practices?  Ie Database Monitoring / Change detection / plan of sub referral? VES?  Mapbase refresh? IUF? |  |  |
| 3 | Please estimate how many business datasets of each type currently rely on the Vicmap products? These can include derived or value-added datasets from Vicmap or business data that aligns with Vicmap.  -  Admin boundaries, Assets, Customers, Properties, Routes, Connections/Meters and estimate the number of each |  |  |
| **Awareness of Impact** | | | |
| 4 | Have you considered the positive outcomes that moving to the upgraded Vicmap will bring to your organisation? |  |  |
| 5 | Have you considered the extent of changes that will be required to your current business datasets to align with the spatially improved Vicmap? |  |  |
| 6 | Do you have or are you preparing a roadmap (or action plan) for updating your business data to align with the spatially improved Vicmap? |  |  |
| 7 | Has senior management endorsed plans to integrate with the spatially improved Vicmap? |  |  |
| 8 | Is your organisation generally aware of how DCM will spatially improve Vicmap and the short-term impacts on your organisation? |  |  |
| 9 | Are all relevant internal stakeholder of affected business datasets informed about DCM and engaged in plans to make changes? |  |  |
| 10 | Have all relevant vendors been informed that your organisation will be adopting the DCM transformed Vicmap and that this may impact their future services to you? |  |  |
| 11 | At this time, are you confident to undertake the planning required? |  |  |
| 12 | At this time, are you confident to undertake the transformation work required? |  |  |
| 13 | What resources do you plan to use to assist in any potential changes? |  |  |
| **Data Plan** | | |  |
| 14 | Have you commenced a data audit of any business datasets you hold including Vicmap and related data? |  |  |
| 15 | Have you assessed the possible impact of the spatially improved Vicmap on each linked business dataset? |  |  |
| 16 | Have you commenced an audit of mapping templates, coded workflows and work practices that will be impacted by changes in data alignment, schema changes, projections and metadata? |  |  |
| 17 | Do you have maintained Metadata for business datasets? |  |  |
| 18 | Do you have a defined list of custodians or business owners for your business datasets? |  |  |
| 19 | Do you have a plan to migrate to GDA2020? |  |  |
| 20 | Have you secured a budget to perform spatial upgrade? |  |  |
| **Data Migration** | | |  |
| 21 | Have you defined methodologies or processes to perform transformation on different data types? I.e. Data shift, update schema/ data attributes, update metadata, re-project to GDA2020? |  |  |
| 22 | Do you have a migration plan for each of your Business datasets? |  |  |
| 23 | Do you have a testing and quality assurance plan once the business datasets have been migrated? |  |  |
| 24 | Have you commenced data transformation? |  |  |
| 25 | Do you have a Go Live plan once all of the Geo Data have been migrated? |  |  |
| **Post Migration** | | |  |
| 26 | Have outcomes from alignment to spatially upgraded Vicmap been assessed? |  |  |
| 27 | Are there any benefits previously identified that are now realised? |  |  |
| 28 | Has change been communicated to senior managers? |  |  |
| 29 | Has change been communicated to business dataset owners? |  |  |
| 30 | Has change been communicated to staff? |  |  |
| 31 | Has change been communicated to suppliers? |  |  |
| 32 | Has change been communicated to contractors? |  |  |
| 33 | Has change been communicated to vendors? |  |  |
| 34 | Have you amended any workflows for data updates and data sharing? |  |  |