



Department of Planning and Environment

# BioBanking Credits Sales Dashboard

User guide

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# Overview

Welcome to the BioBanking Credits Sales Dashboard, which provides current sales data for BioBanking credits created using the BioBanking Assessment Methodology (BBAM). The BioBanking Credits Sales Dashboard (BBAM Credits Sales Dashboard) is a web-based tool giving access to BioBanking credits market data registered by the Environment Agency Head in the BioBanking public registers. The BBAM Credits Sales Dashboard uses drag and drop functionality to make it easy to extract and present biodiversity credit market data in a dynamic and interactive way.

The BBAM Credits Sales Dashboard comprises 4 pages presenting information about:

- an overview of the market
- ecosystems credits
- species credits
- BioBanking agreements.

The prices shown represent the price at which either a species or ecosystem credit was bought or sold for transference, as defined in Part 7A, Division 4 of the *Threatened Species Conservation Act 1995* (TSC Act) (superseded by section 6.19 of the *Biodiversity Conservation Act 2016* (BC Act)).

## Disclaimer

Credit sales prices are in accordance with the BioBanking public registers. The prices reflect historical data and may not be indicative of current or future market prices. Market participants should seek independent advice and use sound judgement in interpreting the data and its application to valuing credits. The Department of Planning and Environment aims to provide information that is current at its published date.

The BBAM Credits Sales Dashboard should be used for biodiversity credits created using the BBAM under the TSC Act. For biodiversity credits created using the Biodiversity Assessment Method (BAM) under the BC Act, use the Biodiversity Credits Market Sales Dashboard.

When multiple transactions for ecosystem or species credits are registered on the same day, the latest price is the weighted average price by number of credits.

# 1. Starting off (home page)

## 1.1 Welcome and disclaimer

Open the tool at the web address for the BioBanking Credits Sales Dashboard (see 'More information' below) and read both the welcome statement and the disclaimer section. The date at top left of the screen shows the time of the latest refresh of the data. The database is updated daily at approximately 9.30 am but an update can take time to appear in your browser.

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NSW GOVERNMENT Planning and Environment

Version 2.1 (July 2022)

Data current to  
11/08/2022 11:34:29 ...

### BioBanking Credits Market Sales Dashboard

**Welcome to the BioBanking Credits Market Sales Dashboard**

The BioBanking Credits Market Sales Dashboard is a web-based tool aiming to give access to BBAM biodiversity credit market data registered by the Environment Agency Head in the BioBanking Public Register. The dashboard uses drag-and-drop functionality to make it easy to extract and present biodiversity credit market data as dynamic and interactive data visualisations. A guide on using this dashboard to search for current market prices for biobanking credits is available here ([User Guide](#)).

**Market overview**

Get the latest on BBAM credit sales info, market value and more

**Latest price for species credits**

It shows the price at which a BBAM species credit was bought or sold in the offset market

**Latest price for ecosystems credits**

It shows the price at which a BBAM ecosystems credit was bought or sold in the offset market

**Number and status of BioBanking Agreements**

GIS service to provide visualisation of the location of each agreement by LGA

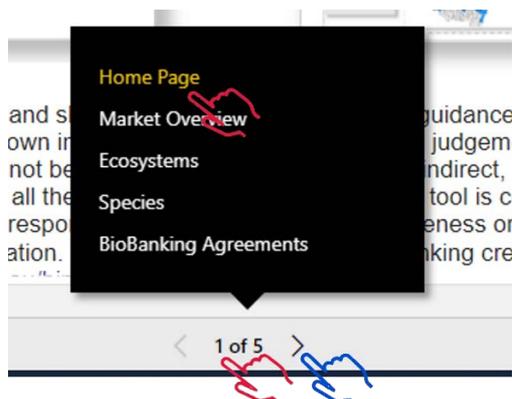
**Disclaimer**

The credits market prices are disseminated for information only and shall not be considered as formal guidance in any case. BioBanking Credits Market Sales Dashboard users and visitors must take their own decisions based on their own independent enquiries, appraisals, judgement, wisdom and risks. The Department of Planning and Environment (DPE), or its employees, directors, or agents shall not be liable for any damage, direct or indirect, loss or costs whatsoever arising due to use of or relying upon the market prices disseminated. DPE endeavours to make sure all the information provided in this web tool is correct at the time of its publication or posting. To the extent legally permitted, DPE gives no warranty about and accepts no responsibility for the accuracy, completeness or suitability of the information, or for advice given in this web tool or any linked site, or for any error or omission in that information. The data presented in the BioBanking credits market sales dashboard has been prepared based on the

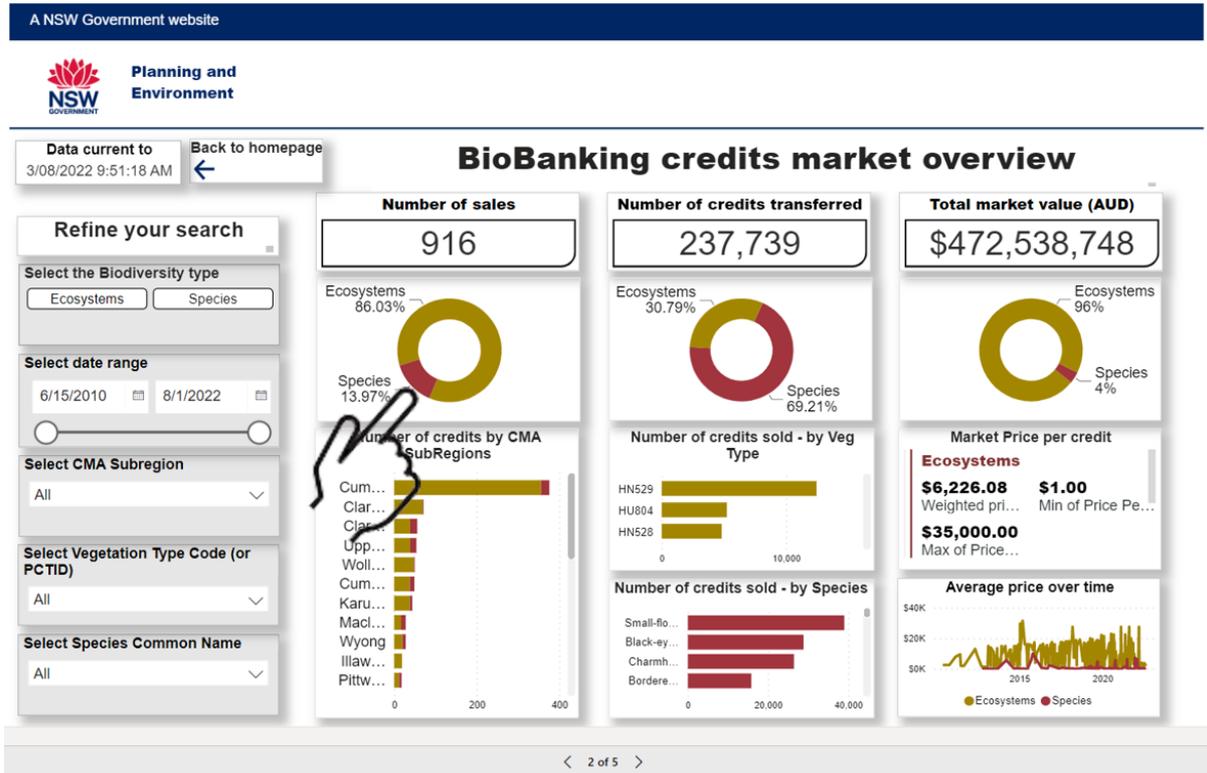
< 1 of 5 >

## 1.2 Navigation of the tool

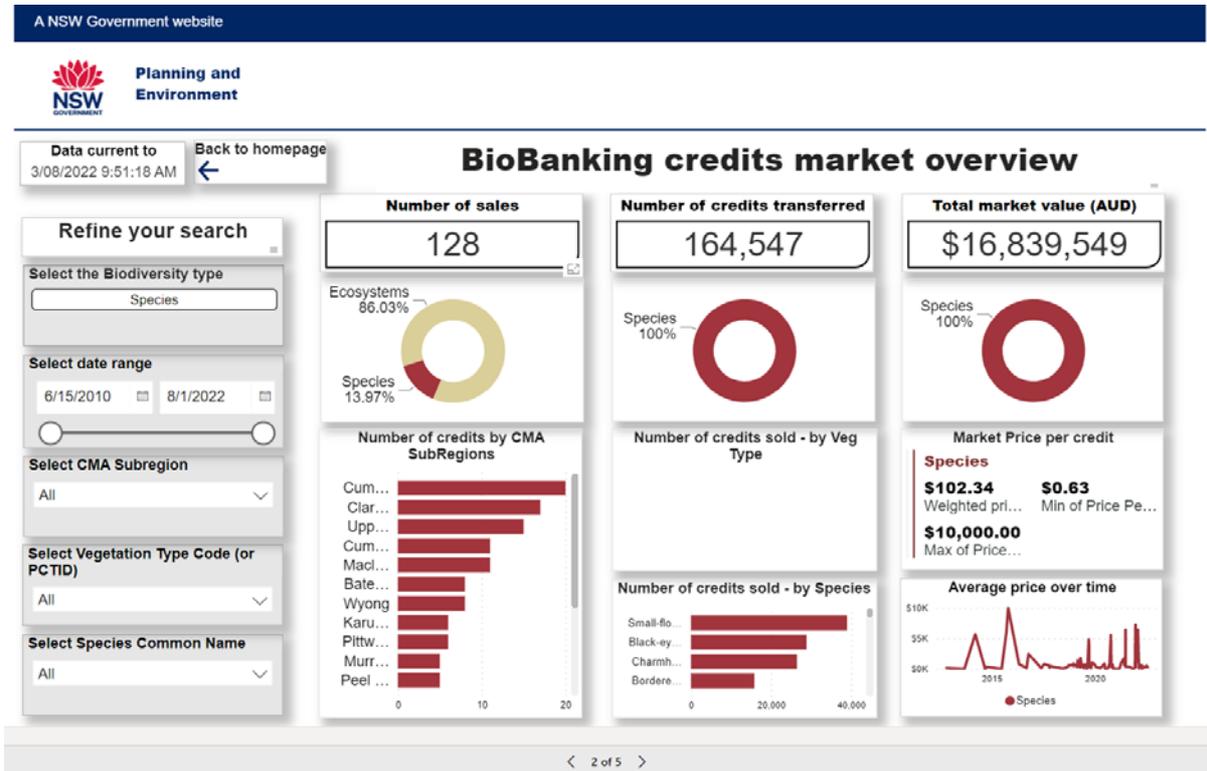
You can navigate through the dashboard by clicking on any of the labelled boxes on the home page. Alternatively, at the bottom of the screen you can navigate to the desired page using the **next page arrow** or by selecting the page from the **pop-up list** that appears if you click on the **current page number**.



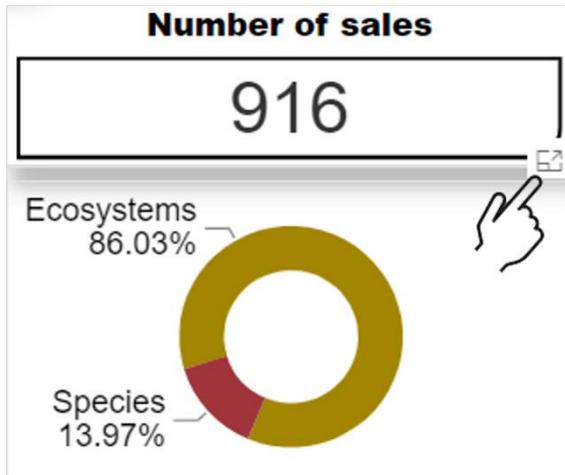
On page 2, the 'BioBanking credits market overview', you can further refine your search by clicking on the various charts, as shown below.



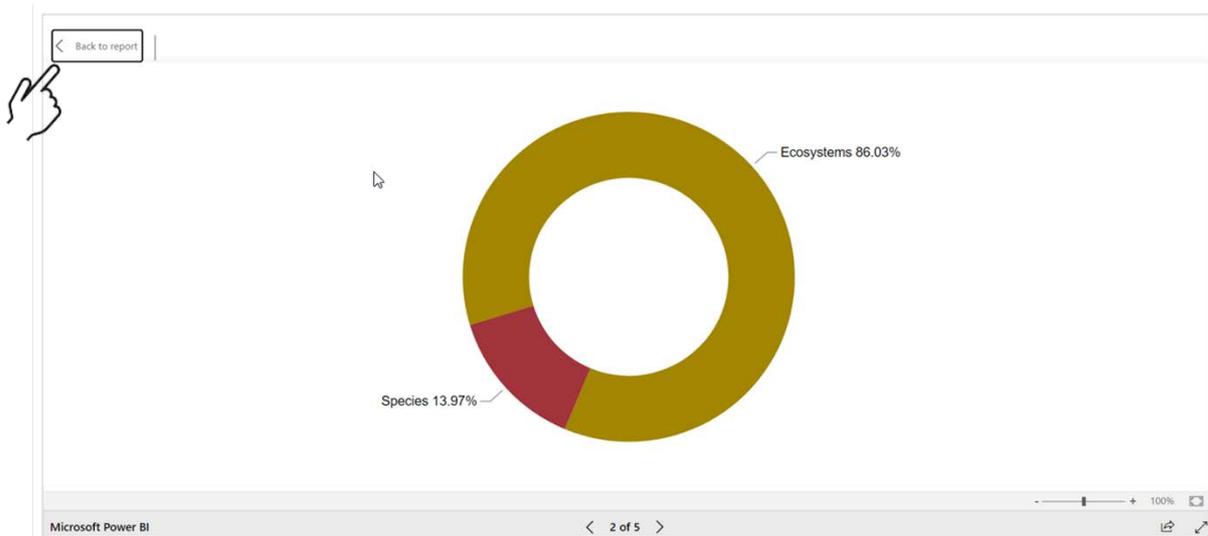
In the above example 'Species' has been chosen under 'Number of sales'. The screenshot below shows the outcome, which is information about sales, credits transferred and total market value for species credits only.



When available, you will also have the option to move to 'focus mode' via a button in the bottom right corner of each panel header. Press Alt + Shift + F10 or click the button as displayed below. This will enlarge the panel for easier viewing.



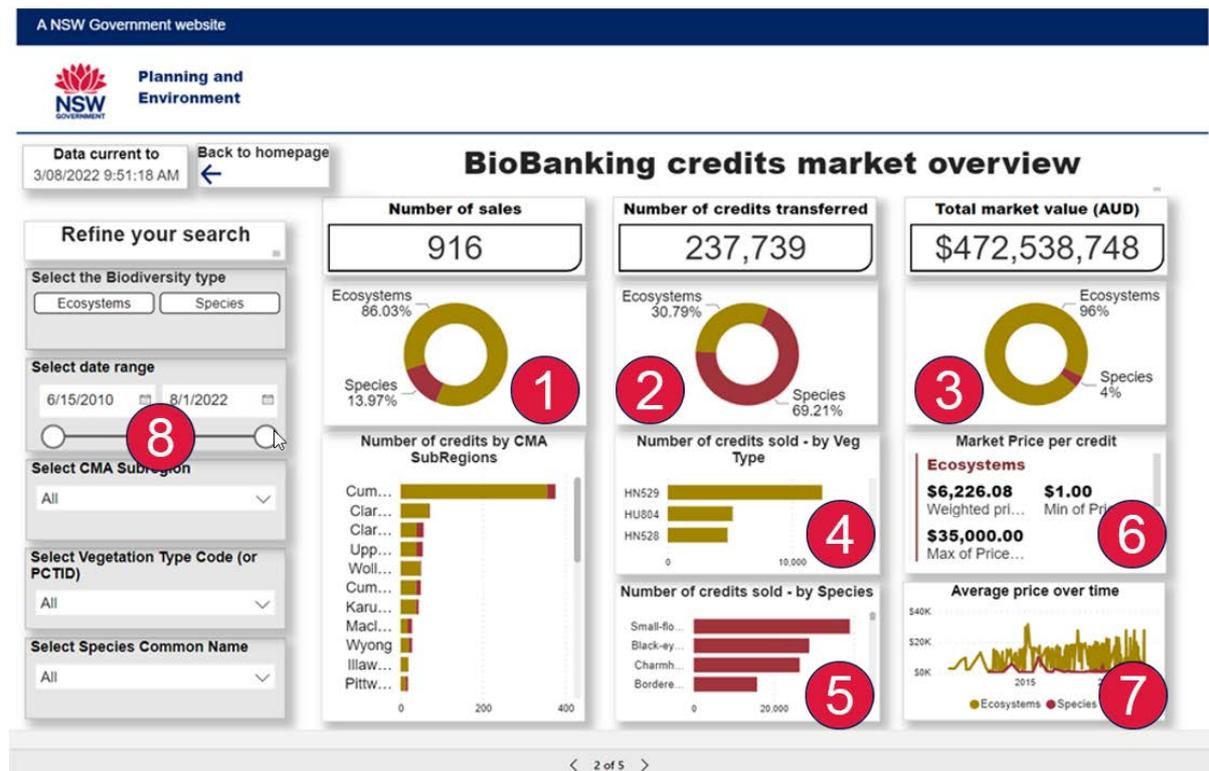
In the focus mode window, click on 'Back to report' to return to the previous page.



## 2. BioBanking credits market overview (page 2)

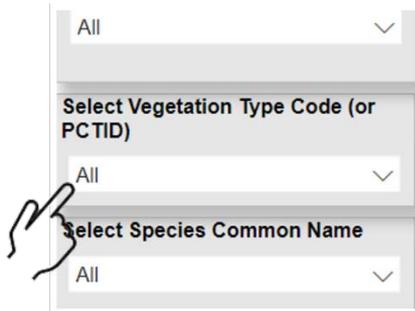
This section of the dashboard provides access to all public data on BioBanking credit transactions (including price, number of market transactions, volume of credits transferred and total market value) by vegetation type and by species or species common name, and IBRA subregions located within the major catchment area (CMA subregion).

The panels on the BioBanking credits market overview page provide various information according to the key below. You can expand (pop-out) most of the panels to see more detail by selecting focus mode. Click on the panel of interest and press Alt + Shift + F10 to reveal the focus mode button if it isn't already visible in the corner of the panel.

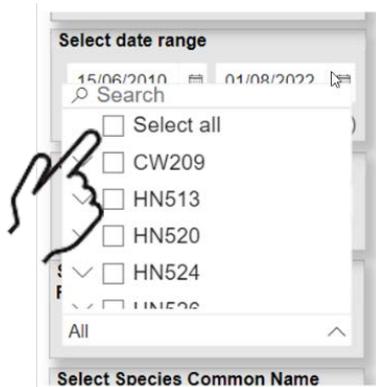


1. The total number of market trades is shown, split into ecosystem and species credits in a pie chart. The bar chart presents the number of transactions by CMA region.
2. The volume of BioBanking credits transferred for the total market transactions is shown, with a pie chart splitting the credits by type (i.e. ecosystem and species credits).
3. This panel shows the total accumulated market value (in current values) generated by the market activity, calculated by summing all credits traded after multiplying each by its individual market price.
4. This bar chart presents the number of credits sold by vegetation type.
5. This bar chart presents the number of credits transferred by species common name.
6. This panel shows the weighted average market price and related statistics (maximum, minimum and standard deviation figures) for the chosen query. When multiple transactions are registered on the same day for an ecosystem/species credit, the spot market price is the weighted average price by number of credits.
7. A time series graph for the daily BioBanking credit price is displayed.
8. The data slider and 'Refine your search' panel allow you to customise your query based on the options available. It also contains information about the latest market data searching by Biometric Vegetation Type (BVT) or Plant Community Type ID (PCTID).

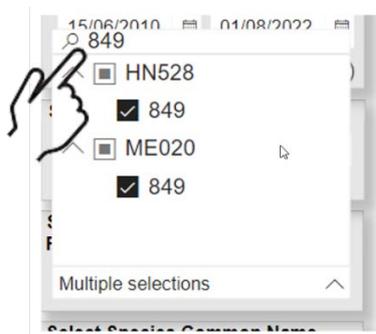
This version includes a filter that allows a search by either the BVT or PCTID.



To search by PCTID, first uncheck the 'Select all' option.



Start to type the PCTID of interest in the search box and matching options will appear that you can check.



The search engine in the BBAM Credits Sales Dashboard uses an algorithm to link the equivalent PCTID, based on the BVT, in a 'many-to-one' correspondence (i.e. many BVTs might be grouped in one PCTID).

### 3. Latest price for BBAM ecosystem credits (page 3)

On the 'Latest price for BBAM ecosystems credits' page, you can find the latest price at which an ecosystem credit was bought or sold for transference, as defined in Part 7A, Division 4 of the TSC Act (superseded by section 6.19 of the BC Act).

There are 6 panels on the page, each providing the following information about an individual vegetation type or PCT (see labels in the screenshot below):

1. vegetation type code (BVT) or equivalent PCTID
2. latest date of sale and CMA subregion
3. a time series graph of the daily credit market price.

By default, the panels show the 6 vegetation types with the highest number of trades registered. To obtain information about a different vegetation type, click on the drop-down list in the panel labelled A in the screenshot, and select the vegetation type of interest, either by BVT or PCTID.

The screenshot shows the 'Latest price for BBAM ecosystems credits' dashboard. At the top, it says 'A NSW Government website' and 'Planning and Environment'. The dashboard is titled 'Latest price for BBAM ecosystems credits' and shows data current to 3/08/2022 9:51:18 AM. There are six panels, each representing a different vegetation type or PCT. Each panel displays the latest price, the latest date of sale, the CMA subregion, and a market price timeline graph. A dropdown menu labeled 'A' allows users to select a different vegetation type code (BVT or PCTID).

Vegetation Type / PCT	Latest Price	Latest Date of Sale	CMA Subregion
HN526 (PCT835)	\$14,187	2/06/2021	Cumberland - ...
HN529/ME019 (PCT850)	\$17,708	13/05/2021	Cumberland - ...
HN528 (PCT849)	\$27,500	11/03/2022	Cumberland - ...
HN604 (PCT1281)	\$7,500	14/10/2020	Burragarang (...)
HN524 (PCT830)	\$7,579	16/12/2021	Cumberland - ...
HU556 (PCT874)	\$1,600	3/07/2019	Upper Hunter

Additional information from the dashboard:

- Dropdown menu 'A': Select a different Vegetation Type Code (or PCTID). Current selection: All.
- Panel 'VegType: All': Latest price \$2,045. Latest date of sale: 1/08/2022. CMA Subregion: Yengo - Hunter...

## 4. Latest price for BBAM species credits (page 4)

The 'Latest price for BBAM species credits' screen shows the latest price at which a species credit was bought or sold in a market transaction, as defined in Part 7A, Division 4 of the TSC Act (superseded by section 6.19 of the BC Act).

Like the ecosystem credits page, the panels on the 'Latest price for BBAM species credits' page provide the following information for 6 individual species:

1. common name of the species
2. latest date of sale and CMA subregion
3. a time series graph of the daily credit market price.

By default, the panels show the 6 species with the highest number of trades registered. To obtain information about a different species, click on the drop-down list in the panel labelled B in the screenshot, and select the species common name of interest.

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Planning and Environment

Data current to 3/08/2022 9:51:18 AM Back to homepage

### Latest price for BBAM species credits

Species	Latest Price	Latest Date of Sale / CMR Subregion
Cumberland Plain Land Snail	\$350	12/05/2022 Wollemi - Haw...
Black-eyed Susan	\$1	8/04/2022 Karuah Manning
Brush-tailed Phascogale	\$560	7/04/2022 Clarence Lowl...
Green and Golden Bell Frog	\$7,210	16/12/2021 Macleay Hasti...
Golden Sun Moth	\$6,429	27/01/2022 Murrumbatem...
White-footed Dunnart	\$866	31/03/2021 Bateman

Select a different Species Common Name: All

Common Name: All

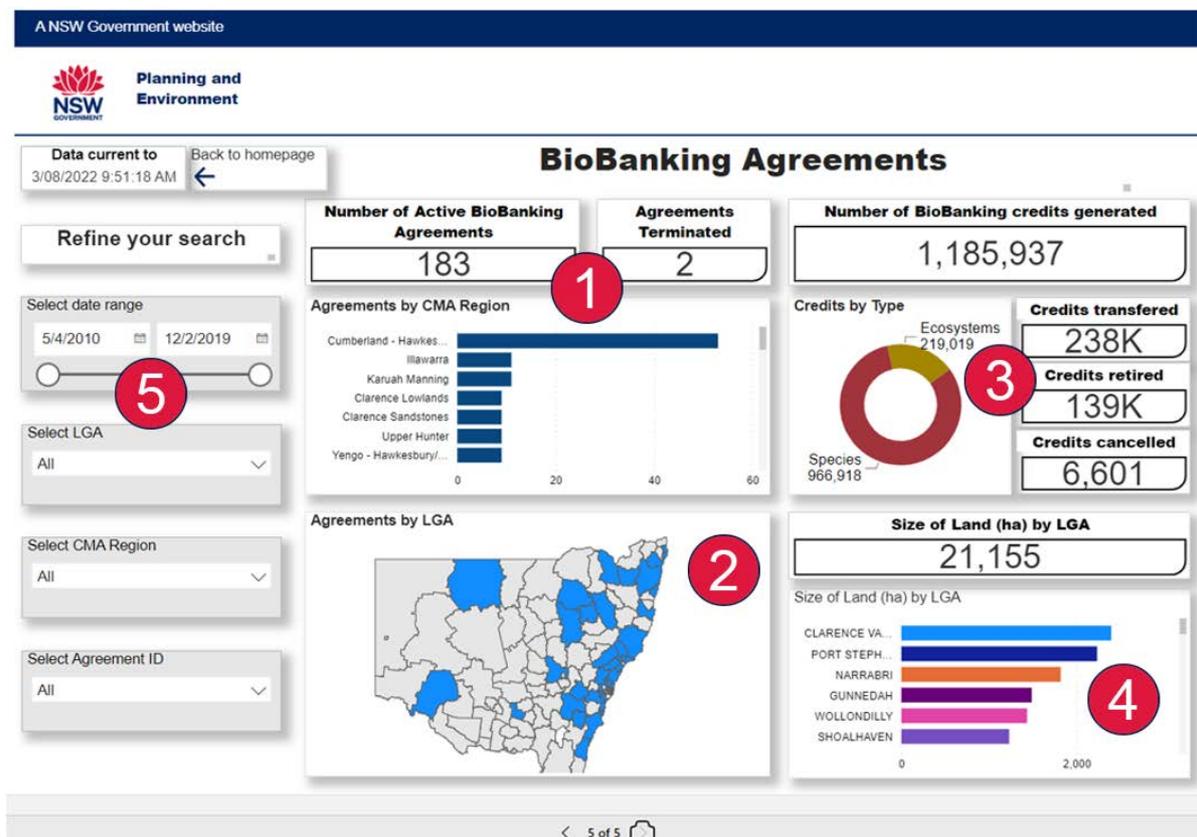
Latest date of sale / CMR Subregion: 20/07/2022 Yengo - Hunter...

Market price timeline

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## 5. BioBanking agreements (page 5)

This section of the dashboard provides access to all public data on BioBanking agreements and aggregated biodiversity credits balances (active and terminated agreements, number of biodiversity credits created, transferred, retired and cancelled, size of land under the BioBanking program) by local government area (LGA). Refer to the key below.



The panels on the 'BioBanking Agreements' page provide the following information:

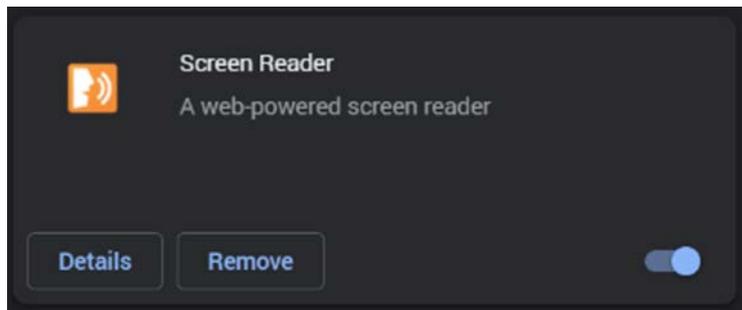
1. The number of active and terminated BioBanking agreements is shown, with a bar chart breaking this figure down by CMA region. You can go down in the hierarchy and see the number of BioBanking agreements by LGA – just click on one of the bars in the bar chart. Use the scroll bar to see more regions. Click anywhere in the blank part of the chart to return to the CMA region level.
2. A map of NSW by LGA shows the distribution of BioBanking agreements across the state. Click on one of the LGAs on the map to see more detail about it.
3. This panel summarises the supply of biodiversity credits, providing figures for credits generated, transferred, retired and cancelled, and a pie chart showing credits by type.
4. This panel provides data about the total amount of land conserved under the BioBanking program, including a bar chart breaking the figure down by LGA. Use the scroll bar to see more LGAs.
5. The data slider and filters panels allow you to customise your query based on the available options. The panel at the top shows the date and time of the latest data refresh.

## 6. Use of the screen reader extension

All pages include screen-reader functionality, which can be used by people with visual impairment to read textual information through synthesised speech.

For Google Chrome (101.0.4951.67 or above), please install the @Screen Reader extension (53.0.2784.13 or above) from the Chrome Web Store.

Once installed, please activate the extension.



Once activated, turn on your speakers and navigate through the different widgets using the tab key.

## 7. More information

- [BBAM Credits Sales Dashboard](#)
- [BioBanking public registers](#)

For information about market sales for the Biodiversity Assessment Method (BAM), refer to the [Biodiversity Credits Market Sales Dashboard](#)

For more help, contact the Biodiversity Offsets Scheme (BOS) Help Desk:  
[bam.support@environment.nsw.gov.au](mailto:bam.support@environment.nsw.gov.au) or  
[OEH.SPDEnvironmentalMarkets@environment.nsw.gov.au](mailto:OEH.SPDEnvironmentalMarkets@environment.nsw.gov.au)