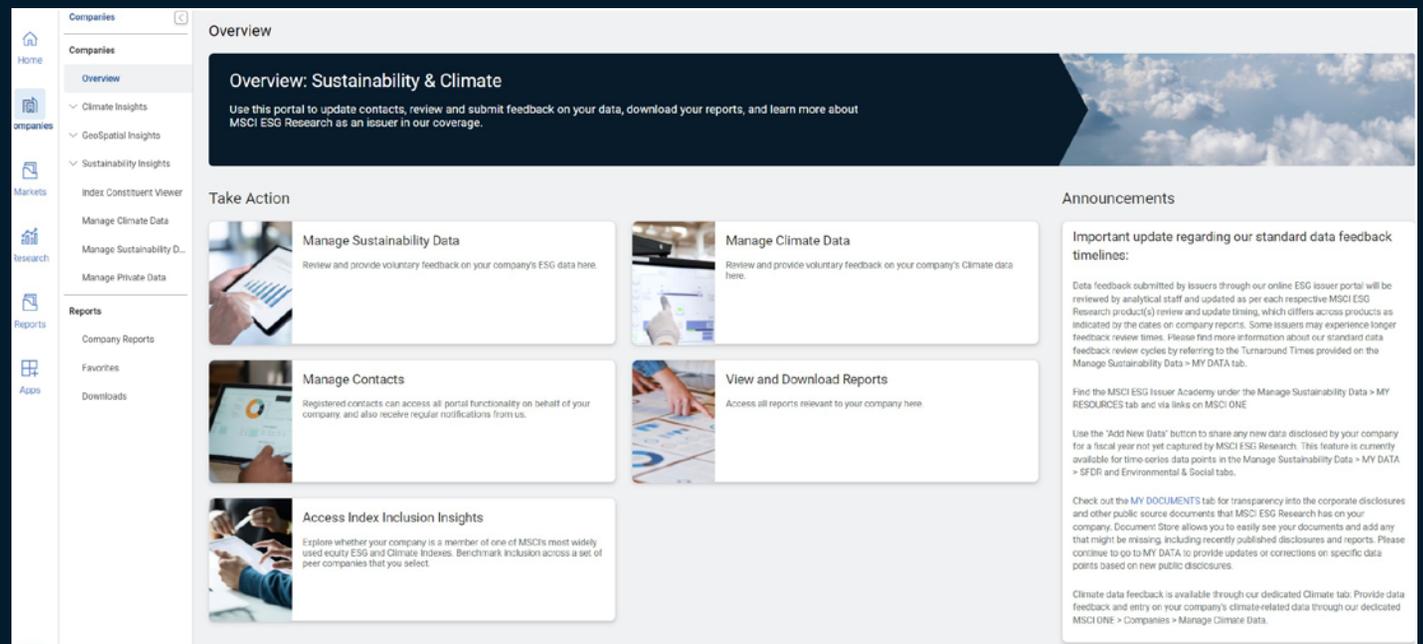


MSCI ONE Navigation Guide

How to provide feedback and updates on your data

MSCI ONE is our dedicated online portal designed for issuers in MSCI ESG Research coverage. We have made efforts to streamline the platform's overall navigation and ease of use for our corporate issuers. You'll find easier-to-navigate links to:

- Review your company's Sustainability and Climate Insights
- Review your company's Sustainability and Climate Data, and provide any optional feedback you might have on relevant issuer-verifiable data points
- Manage your contacts
- Engage with the latest educational resources on Issuer Academy
- Access your company's MSCI reports



The screenshot displays the MSCI ONE portal interface. On the left is a navigation sidebar with categories: Companies, Markets, Research, Reports, Favorites, and Downloads. The main content area is titled 'Overview: Sustainability & Climate' and includes a sub-header: 'Use this portal to update contacts, review and submit feedback on your data, download your reports, and learn more about MSCI ESG Research as an issuer in our coverage.'

Under the 'Take Action' section, there are four key action cards:

- Manage Sustainability Data:** Review and provide voluntary feedback on your company's ESG data here.
- Manage Climate Data:** Review and provide voluntary feedback on your company's Climate data here.
- Manage Contacts:** Registered contacts can access all portal functionality on behalf of your company, and also receive regular notifications from us.
- View and Download Reports:** Access all reports relevant to your company here.
- Access Index Inclusion Insights:** Explore whether your company is a member of one of MSCI's most widely used equity ESG and Climate Indices. Benchmark inclusion across a set of peer companies that you select.

On the right side, there is an 'Announcements' section with the following content:

Important update regarding our standard data feedback timelines:

Data feedback submitted by issuers through our online ESG issuer portal will be reviewed by analytical staff and updated as per each respective MSCI ESG Research product(s) review and update timing, which differs across products as indicated by the dates on company reports. Some issuers may experience longer feedback review times. Please find more information about our standard data feedback review cycles by referring to the Turnaround Times provided on the Manage Sustainability Data > MY DATA tab.

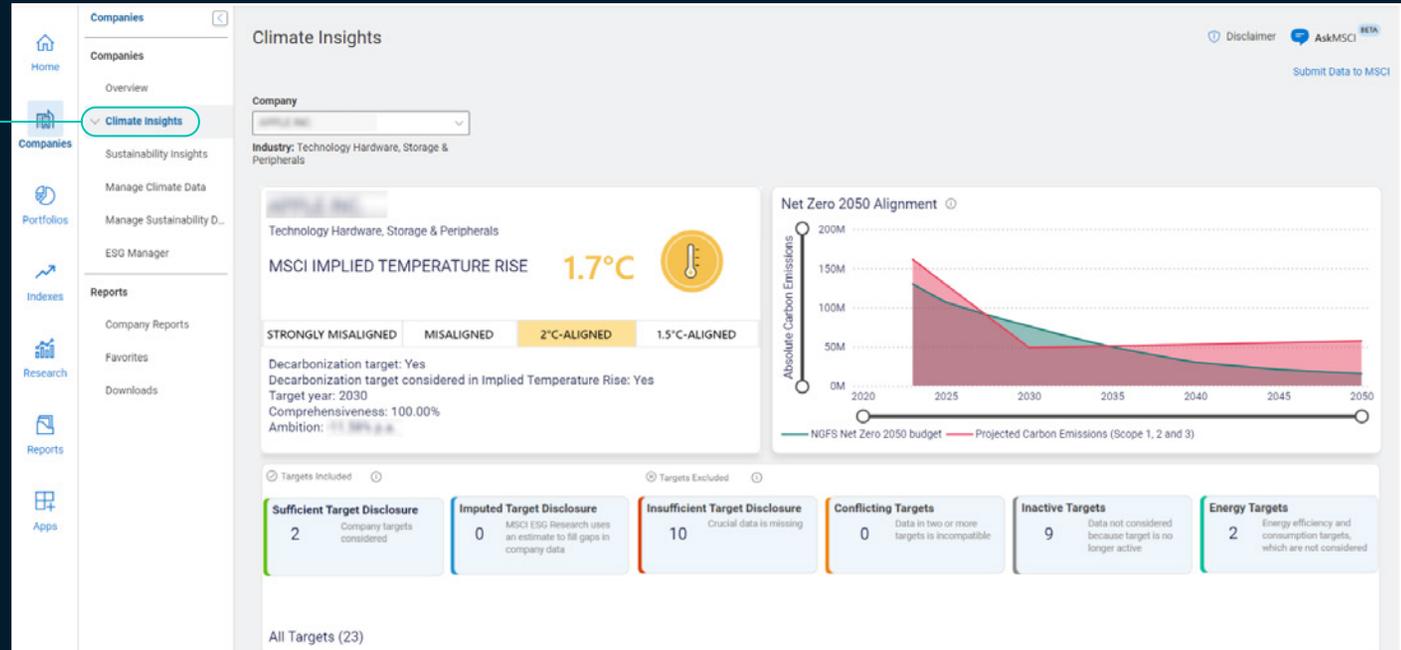
Find the MSCI ESG Issuer Academy under the Manage Sustainability Data > MY RESOURCES tab and via links on MSCI ONE.

Use the 'Add New Data' button to share any new data disclosed by your company for a fiscal year not yet captured by MSCI ESG Research. This feature is currently available for time series data points in the Manage Sustainability Data > MY DATA > SFDI and Environmental & Social tabs.

Check out the MY DOCUMENTS tab for transparency into the corporate disclosures and other public source documents that MSCI ESG Research has on your company. Document Store allows you to easily see your documents and add any that might be missing, including recently published disclosures and reports. Please continue to go to MY DATA to provide updates or corrections on specific data points based on new public disclosures.

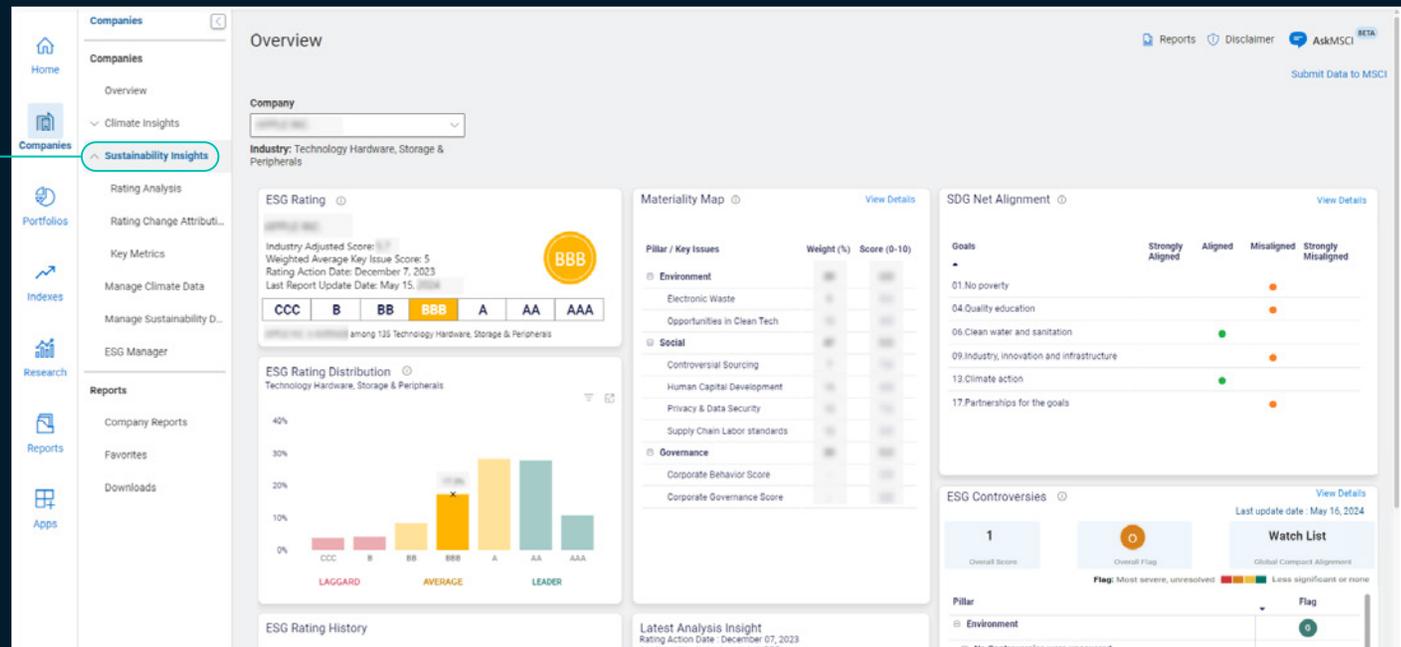
Climate data feedback is available through our dedicated Climate tab. Provide data feedback and entry on your company's climate-related data through our dedicated MSCI ONE > Companies > Manage Climate Data.

Navigate to **Climate Insights** to view your company's Implied Temperature Rise and target information.



Navigate to **Sustainability Insights** to view your company's

- ESG Rating, ESG Rating Distribution and ESG Rating History
- Materiality Map
- SDG Net Alignment
- ESG Controversies
- Recent Developments affecting ESG scores
- Business Involvement Screens



Navigate to **Companies > Sustainability Insights > Rating Analysis** to view:

- Rating Drill Down
- Industry-Adjusted Score
- Industry Minimum and Maximum Scores
- Weighted Average Key Issue score

Rating Analysis

View Pillar and Key Issue Scores for the Environmental, Social and Governance Pillars of the company's top-level MSCI ESG Rating.

Company: [Dropdown]

Industry: Technology Hardware, Storage & Peripherals

BBB

Industry-Adjusted Score: 6.7

Industry Minimum Score: 6.0

Industry Maximum Score: 7.0

Weighted Average Key Issue Score: 6.0

For information about ESG scores, please refer to "MSCI ESG Ratings Methodology", available [here](#).

Rating Drill Down As of last report update: May 15, 2024

Pillar / Key Issues	Weight (%)	Score (0-10)
Environment		
Electronic Waste		
Opportunities in Clean Tech		
Social		
Controversial Sourcing		
Human Capital Development		
Privacy & Data Security		
Supply Chain Labor standards		
Governance		
Governance Pillar Deductions		

Navigate to **Companies > Sustainability Insights > Rating Change Attribution Tool** which provides insight as to why your ESG Letter Rating may have changed.

Rating Change Attribution

The information below illustrates the ESG Letter Rating as of the Last Rating action shown on the ESG Ratings report. The rating trend will display as Upgrade, Downgrade or Maintain. The data shown on this page is point in time as of last rating action date. Please use your cursor to hover over the values for definitions and explanations or refer to the glossary button in the top right corner for a full view of key words and links to resources.

Company: [Dropdown]

Industry: Technology Hardware, Storage & Peripherals

BBB

Rating Trend: MAINTAIN

Industry-Adjusted Score (IAS): 6.7

Primary Rating Change Driver: Not Applicable

Rating change linkage view

Primary Ratings Change Driver: None

Primary Key Issue Component of the Change Driver: Governance

Key Issue: Governance 0.2

ESG Letter Rating: BBB

Rating Trend: MAINTAIN

Industry-Adjusted Score (IAS): 6.7

Primary Rating Change Driver: Not Applicable

Primary Key Issue Component of the Change Driver: Not Applicable

Rating Change Attribution Flow

Attribute	As of prior rating action date Nov 11, 2022	As of last rating action date Dec 7, 2023	Change
ESG Letter Rating	BBB	BBB	MAINTAIN
Industry Peer Set Min Score	6.0	6.0	0.0
Industry Peer Set Max Score	7.0	7.0	0.0

Step 1: Change Attribution Analysis* Attribution to IAS

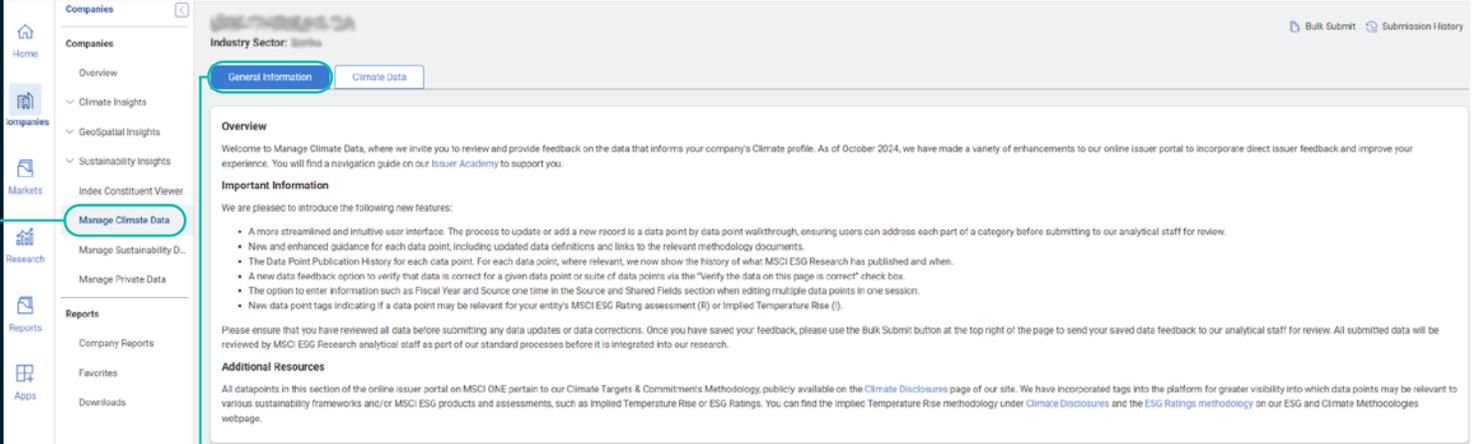
Step 2: Company-level Change (WAKI) Analysis Attribution to IAS

Step 3: Key Issue Score-Specific Component Attribution to IAS

Step 4: Management, Exposure, Controversy Data Specific Component** Attribution to IAS

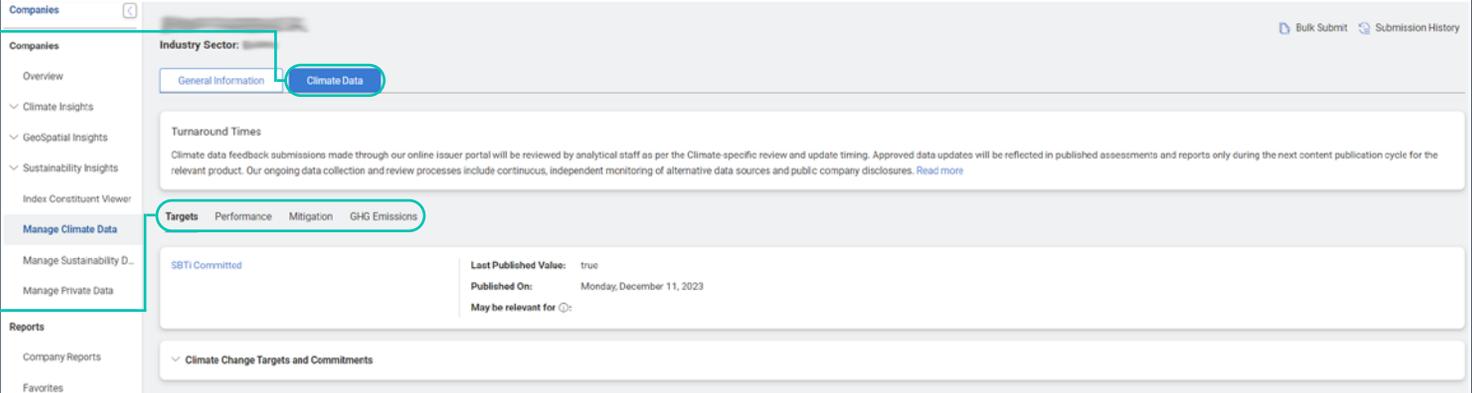
Select **Manage Climate Data** to review and provide feedback on your company's climate data.

The **General Information** tab describes our recent platform enhancements and provides links to useful resources.



The screenshot shows the 'Manage Climate Data' interface for a company. The left sidebar contains navigation options: Home, Companies, Overview, Climate Insights, GeoSpatial Insights, Sustainability Insights, Index Constituent Viewer, **Manage Climate Data** (highlighted), Manage Sustainability D..., Manage Private Data, Reports, Company Reports, Favorites, and Downloads. The main content area is titled 'Industry Sector: Semis' and has two tabs: 'General Information' (selected) and 'Climate Data'. The 'General Information' tab contains an 'Overview' section with a welcome message, an 'Important Information' section listing four new features (streamlined interface, enhanced guidance, publication history, feedback options, and relevant tags), and an 'Additional Resources' section with a link to methodology. At the top right, there are 'Bulk Submit' and 'Submission History' buttons.

Select **Climate Data** to review the data we have collected for your company – and share your feedback on issuer-verifiable data points where relevant – across each of the four categories: Targets, Performance, Mitigation, and GHG Emissions.



The screenshot shows the 'Climate Data' tab selected in the 'Manage Climate Data' interface. The left sidebar is the same as in the previous screenshot. The main content area is titled 'Industry Sector: Semis' and has two tabs: 'General Information' and 'Climate Data' (selected). The 'Climate Data' tab contains a 'Turnaround Times' section with a paragraph about review processes and a 'Targets' section with sub-tabs for 'Performance', 'Mitigation', and 'GHG Emissions' (all highlighted). Below these are sections for 'SBTi Committed' (with 'Last Published Value: true' and 'Published On: Monday, December 11, 2023') and 'May be relevant for'. At the bottom, there is a 'Climate Change Targets and Commitments' section. 'Bulk Submit' and 'Submission History' buttons are visible at the top right.



Selecting the dropdown within each category – Targets, Performance, Mitigation, GHG Emissions – shows you the information we already have on your company. Text in blue identifies indicators that are **eligible for issuer verification**.

Please also note our **new icons**, which indicate the MSCI Sustainability and Climate assessments these data points may be relevant for: I for Implied Temperature Rise and R for ESG Ratings. See the legend to understand what the different colors indicate for various data points.

Edit existing data by clicking the blue text to access the **Source and Shared Fields** page. Here, enter the fiscal year and public source for the indicators you're updating. This portal enhancement aims to simplify the process by requiring a source only once, rather than for each data point.

A **red asterisk** denotes required mandatory fields.

When you're ready, select **Save and Next** to proceed to data editing.

Within the Manage Climate Data tab, use the **"Download to Excel"** feature to download all Climate data points currently visible within each of the four sections: **Targets, Performance, Mitigation, and GHG Emissions**.

Target Description*	Target Status*	Target Year*	Target Baseline Year	Target Reduction (%)	Targeted Change (% vs. Baseline)*	Targeted Change Direction*	Target Category*	Target is Net-Zero	Target SBT
Committed to reduce scope 1 and 2 emissions per ton of cementitious products 24% by 2030 from a 2021 base year	Active	2030	2021	24	24	Negative	Carbon emissions - Intensity		
To reduce by 25% the emission intensity of the steel portfolio by 2030 (tCO2 / t crude steel) from a 2022 baseline year	Active	2030	2022	25	25	Negative	Other		
To reach net zero carbon emissions across its portfolio by 2050	Active	2050		100	100	Negative	Carbon emissions - Absolute	true	
Net zero by 2040	Active	2040		100	100	Negative	Carbon emissions - Absolute		
Carbon emissions intensity reduction targets for	Active	2030	2021	24	24	Negative	Carbon emissions - Absolute		

Add New Source

Instructions: Please complete the required fields below to include your source.

Source Name *
e.g. Climate Report

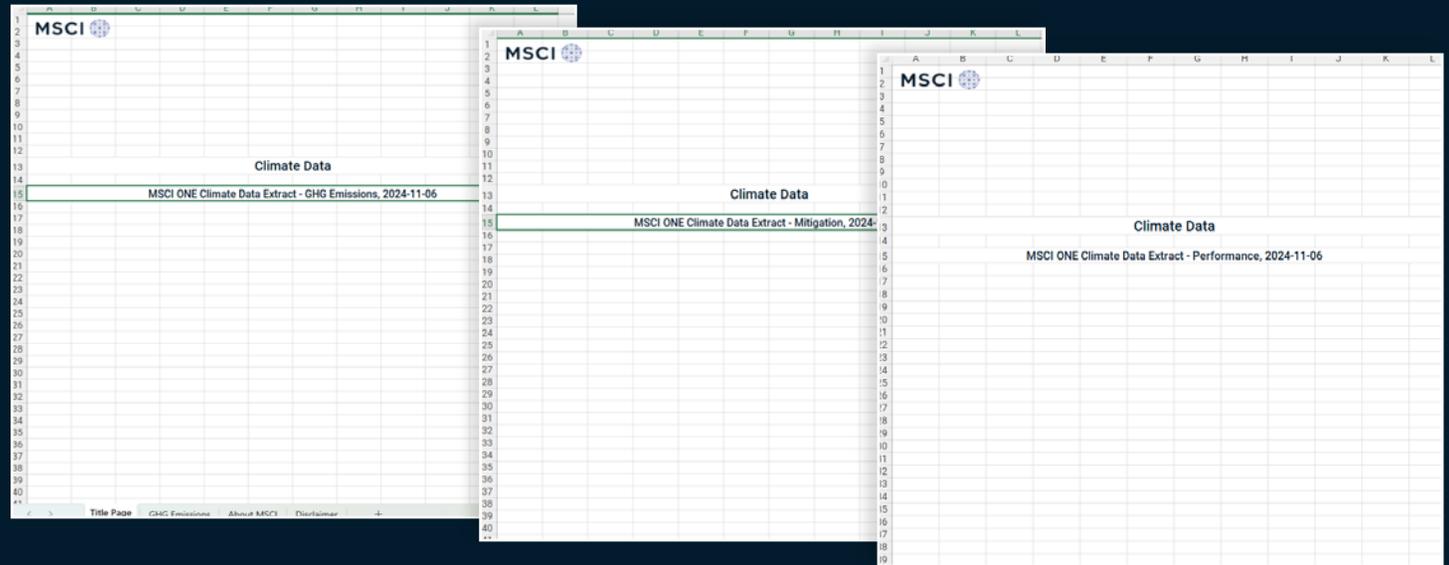
Issuer-provided Public Source Link *
Enter the public source link here

Publication Date *
MM/DD/YYYY

Page Number(s)
e.g., 12, 14, 23

Buttons: Cancel, Save and next

Each section – **Targets, Performance, Mitigation, and GHG Emissions** – will download as its own excel file. We hope this enhances your user experience by making it easier for you to review and share across relevant internal stakeholders.



MSCI								
Targets								
Datapoint Name	Last Published Value	Published On						
SBTI Committed	true	2023-12-11						
Climate Change Targets and Commitments								
Target description	Target status	Target year	Target Baseline Year	Target reduction (%)	Targeted change (% vs. baseline)	Targeted change direction	Target category	Targets met
Commits to reduce scope 1 and 2 emissions per ton of cementitious products 24% by 2030 from a 2021 base year	Active	2030	2021	24	24	Negative	Carbon emissions - Intensity	
To reduce by 25% the emission intensity of the steel portfolio by 2030 (tCO2 / t crude steel) from a 2022 baseline year	Active	2030	2022	25	25	Negative	Other	
To reach net zero carbon emissions across its portfolio by 2050	Active	2050		100	100	Negative	Carbon emissions - Absolute	true
Net zero by 2040	Active	2040		100	100	Negative	Carbon emissions - Absolute	
Carbon emissions intensity reduction targets for three key sectors (from 2020 baseline): Car manufacturers (a reduction of at least 25% by 2025).	Active	2025	2020	25	25	Negative	Carbon emissions - Absolute	
25% reduction (intensity) in Scope 1+2 (location-based) emissions by 2020.	Achieved	2020	2012	25	25	Negative	Carbon emissions - Intensity	
Power sector loan portfolio emissions intensity 18 gCO2/kWh financed by the Group by 2025 from 2020 base year	Active	2025	2020	30	30	Negative	Other	
To reduce by 30% the emission intensity of power generation portfolio by 2025 (gCO2/ kWh)	Active	2025	2020	30	30	Negative	Carbon emissions - Intensity	
3.5% reduction (intensity) in Scope 1+2+3 emissions by 2012.	Achieved	2012	2011	3.5	3.5	Negative	Carbon emissions - Intensity	
Reduce carbon-intensive loan portfolio by 2025 with a value of 146 from a base year 2020 with a value of 208	Active	2025	2020			Negative	Carbon emissions - Intensity	
Reduce Greenhouse gas emissions – buildings and business travel by 2025 with a value of 1.85 from a base year 2019 with a value of 1.65	Active	2025	2019			Negative	Carbon emissions - Intensity	
Reduce the carbon footprint scopes 1 and 2 by 50% by 2030 from a base year 2019	Active	2030	2019	50	50	Negative	Carbon emissions - Absolute	
Reduce the carbon intensity of directly owned office buildings by at least 12% from a base year 2020	Active	2030	2020	12	12	Negative	Carbon emissions - Absolute	true
Reduce by 10% the emission intensity of the aluminium portfolio (tCO2/ t aluminium)	Active	2030	2022	10	10	Negative	Carbon emissions - Intensity	true
Reduce by 10% the emission intensity of Oil & Gas portfolio by 2025 (gCO2e/ M.J)	Active	2025	2020	10	10	Negative	Carbon emissions - Intensity	
25% reduction (intensity) in Scope 3 emissions of automotive portfolio (LDV production) by 2025	Active	2025	2020	25	25	Negative	Carbon emissions - Intensity	

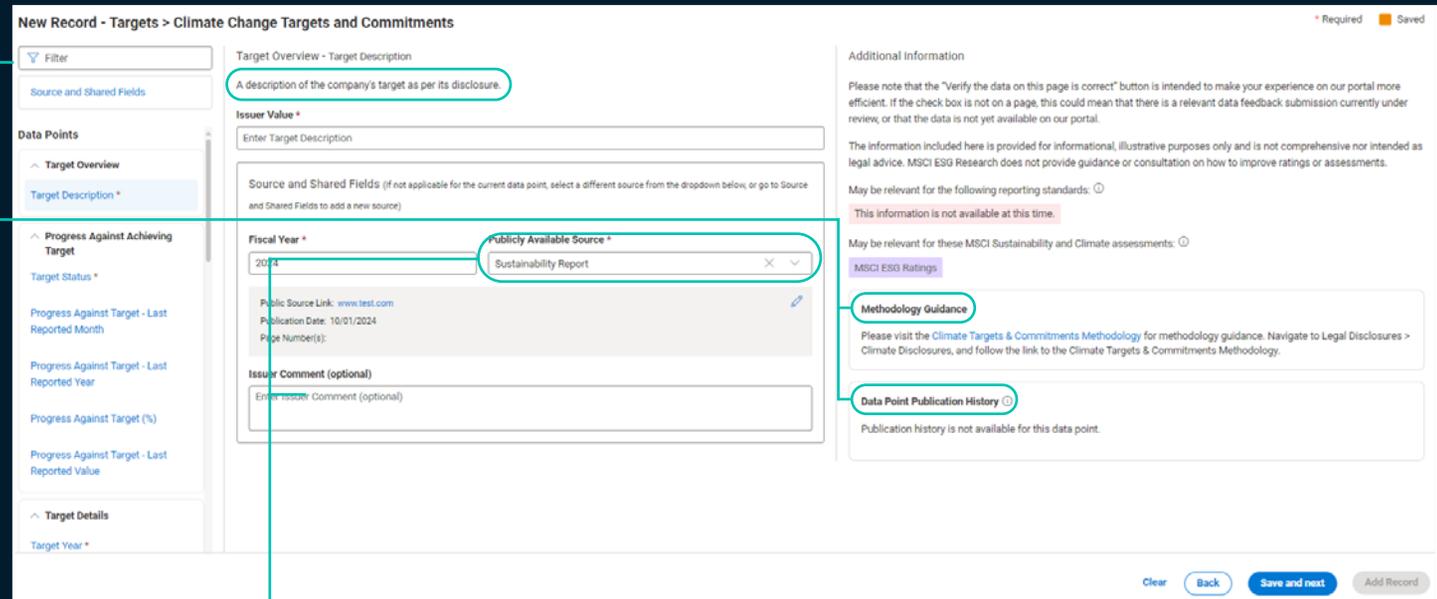
On the data point page, we now include the **data point definition** for easy reference, as well as a section for **additional information**.

We also provide a link to the relevant methodology and any available history of what MSCI has published for this data point.

Users can edit the **Issuer Value** field and select whether the feedback is a data update or data correction.

We now also provide issuers with the opportunity to **verify data accuracy**. If you don't see the 'verify' checkbox on the page, you may have a pending data feedback submission already with our team, or a value has not yet been sourced for this data point.

Here, you can select from a dropdown list if you added multiple sources at the start and select the applicable source as you're sharing feedback.



Select **Save and next** to advance through the data points within this category. You can update the record once all relevant and required fields have been addressed.

Please note that using the "Back" button before clicking on "Bulk submit" will return you to the Climate Data homepage and erase any unsubmitted progress.

Add a new record by selecting the **Add Record** button where it appears.

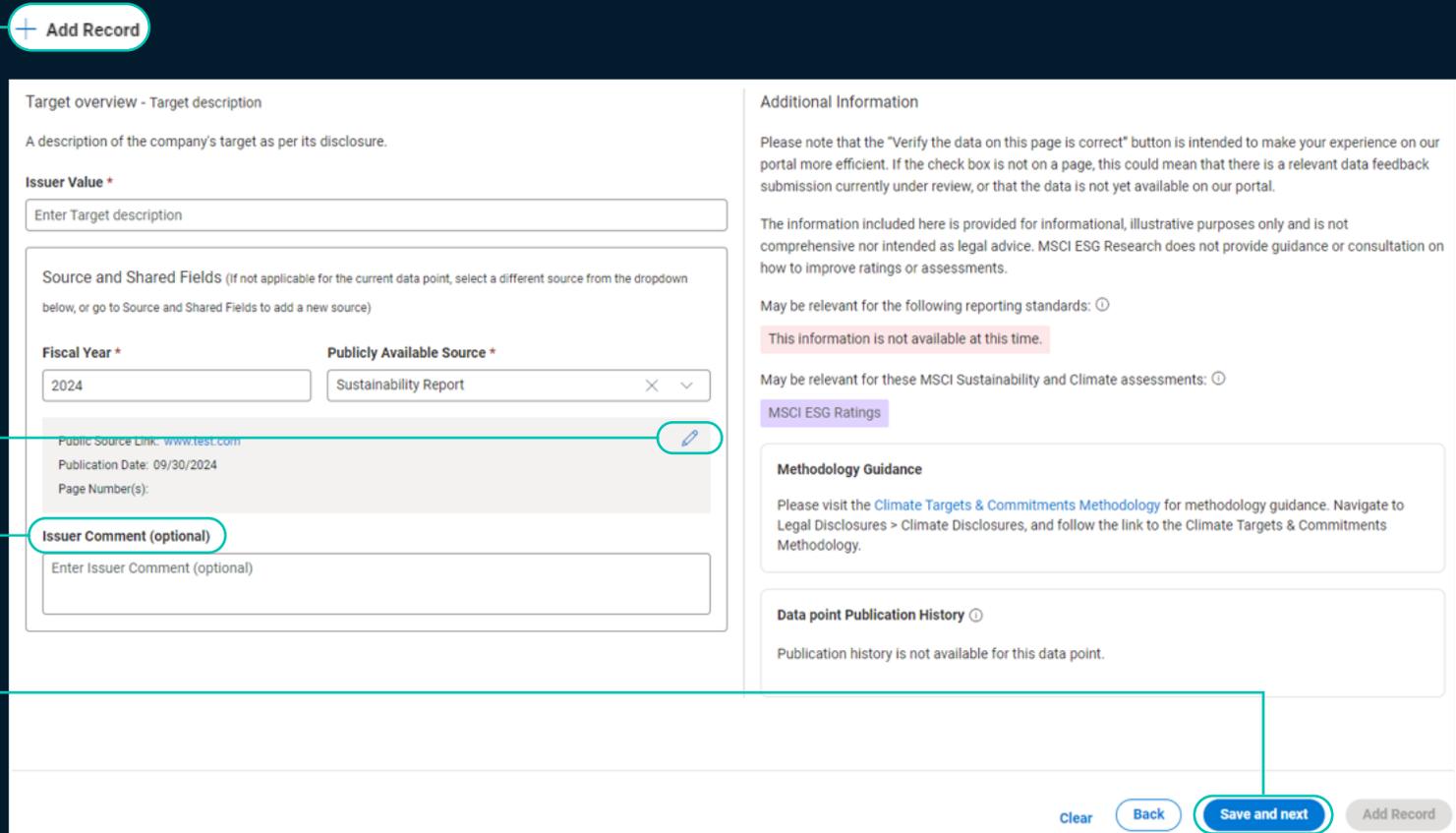
You will be taken to the Source and Shared Fields page, which we visited earlier.

The New Record page also includes the new definition and methodology content.

Add your new value and update the source if necessary.

Issuers can choose to provide a comment as needed. This is entirely voluntary.

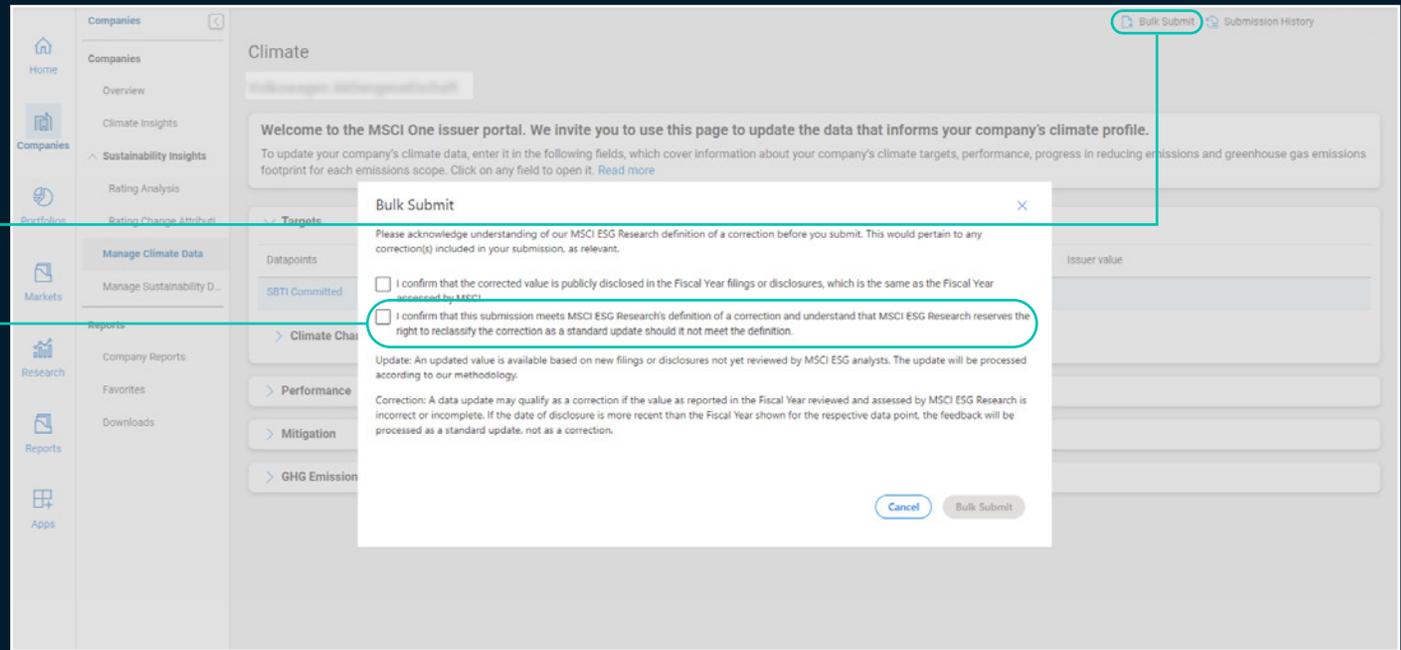
Continue through the related data points to add the new record.



The screenshot shows a web form titled "Target overview - Target description". At the top left, there is a blue button with a plus sign and the text "+ Add Record". The form is divided into two main columns. The left column contains the following fields: "Enter Target description" (text input), "Source and Shared Fields" (instructions and dropdown menu), "Fiscal Year" (dropdown menu with "2024" selected), "Publicly Available Source" (dropdown menu with "Sustainability Report" selected), "Public Source Link" (text input with "www.test.com"), "Publication Date" (text input with "09/30/2024"), "Page Number(s)" (text input), and "Issuer Comment (optional)" (text input). A blue callout box highlights the "Add Record" button. Another blue callout box highlights the "Issuer Comment (optional)" label. A third blue callout box highlights a pencil icon in the top right corner of the "Public Source Link" field. The right column contains "Additional Information" with several paragraphs of text and two expandable sections: "May be relevant for the following reporting standards" (with a dropdown arrow) and "May be relevant for these MSCI Sustainability and Climate assessments" (with a dropdown arrow). The bottom of the form has a navigation bar with buttons for "Clear", "Back", "Save and next" (highlighted with a blue circle), and "Add Record".

When you're ready to submit all your saved drafts to MSCI ESG Research for review, click "bulk submit" in the topright corner.

You will be prompted to acknowledge that you understand the MSCI ESG Research Corrections Policy. Agreement of this policy is required to proceed.



The screenshot shows the 'Climate' section of the MSCI One issuer portal. A 'Bulk Submit' dialog box is open, prompting the user to acknowledge the MSCI ESG Research definition of a correction. The dialog contains the following text:

Please acknowledge understanding of our MSCI ESG Research definition of a correction before you submit. This would pertain to any correction(s) included in your submission, as relevant.

I confirm that the corrected value is publicly disclosed in the Fiscal Year filings or disclosures, which is the same as the Fiscal Year assessed by MSCI.

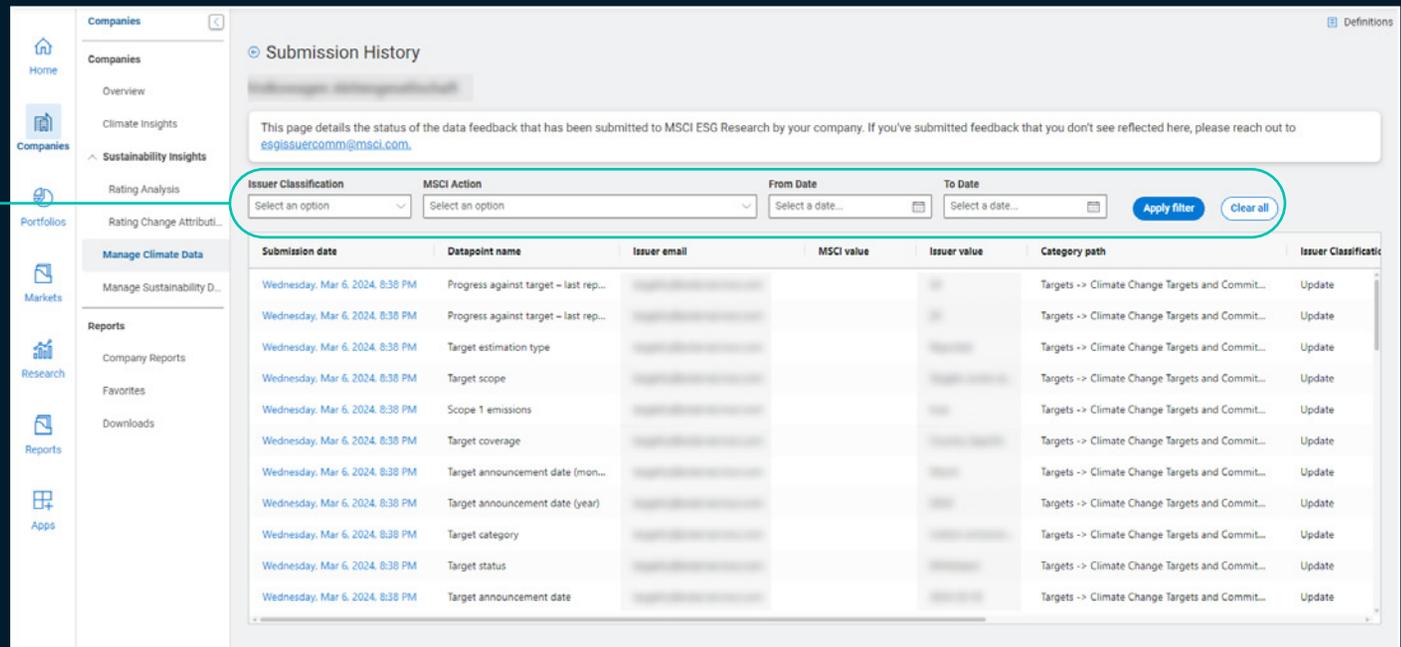
I confirm that this submission meets MSCI ESG Research's definition of a correction and understand that MSCI ESG Research reserves the right to reclassify the correction as a standard update should it not meet the definition.

Update: An updated value is available based on new filings or disclosures not yet reviewed by MSCI ESG analysts. The update will be processed according to our methodology.

Correction: A data update may qualify as a correction if the value as reported in the Fiscal Year reviewed and assessed by MSCI ESG Research is incorrect or incomplete. If the date of disclosure is more recent than the Fiscal Year shown for the respective data point, the feedback will be processed as a standard update, not as a correction.

Buttons: Cancel, Bulk Submit

Submission History shows you the status of all your Climate Data submissions in one place. Filter by submission type, MSCI action, or dates.

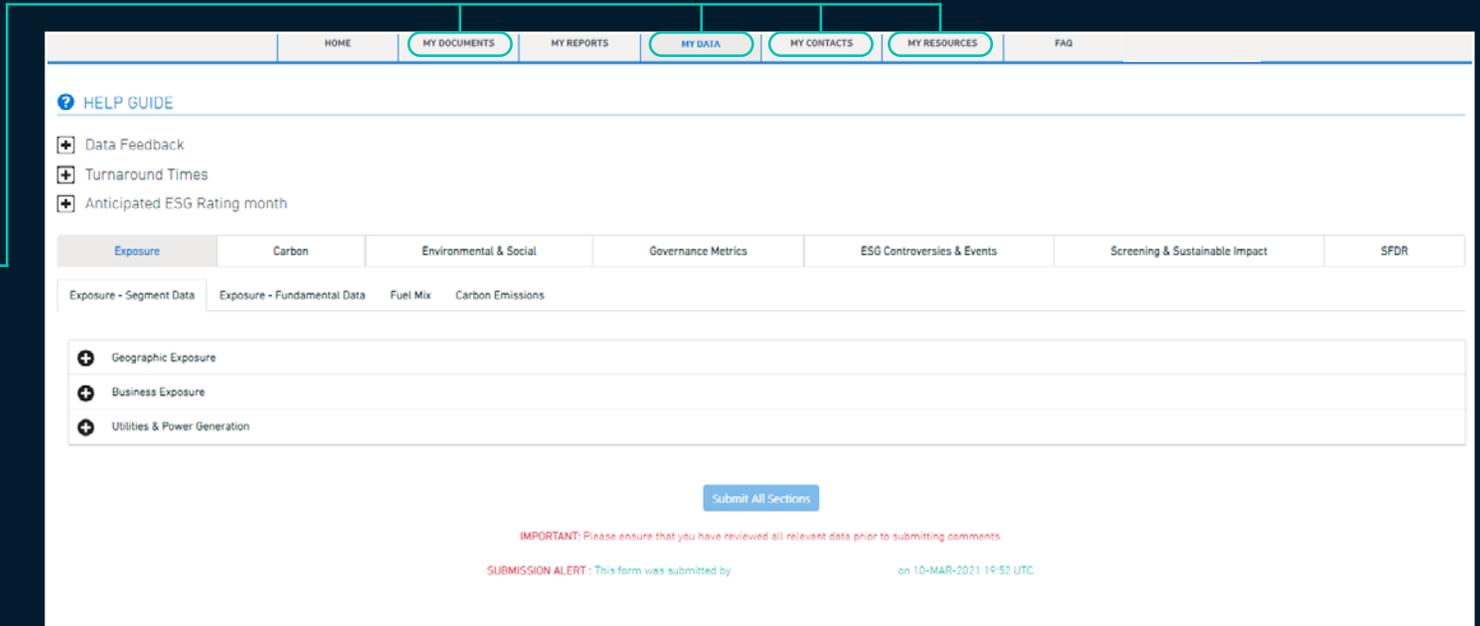
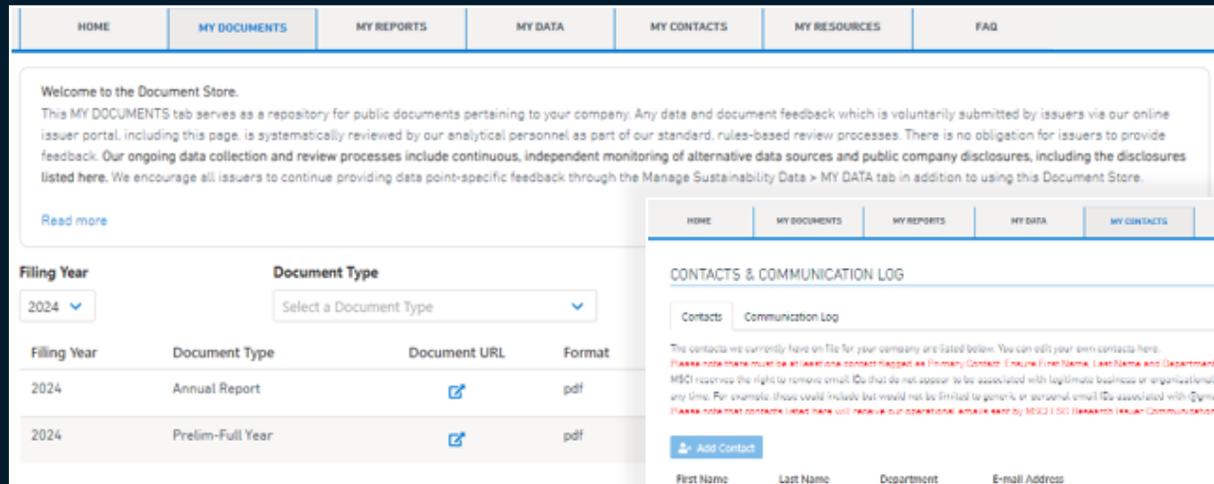
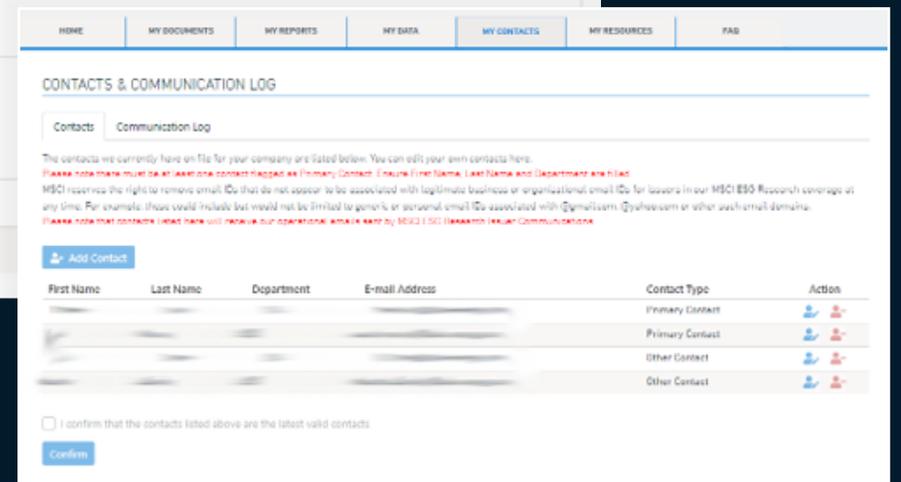


The screenshot shows the 'Submission History' section of the MSCI One issuer portal. The page details the status of the data feedback that has been submitted to MSCI ESG Research by your company. The table below shows the submission history:

Submission date	Datapoint name	Issuer email	MSCI value	Issuer value	Category path	Issuer Classification
Wednesday, Mar 6, 2024, 8:38 PM	Progress against target – last rep...				Targets -> Climate Change Targets and Commit...	Update
Wednesday, Mar 6, 2024, 8:38 PM	Progress against target – last rep...				Targets -> Climate Change Targets and Commit...	Update
Wednesday, Mar 6, 2024, 8:38 PM	Target estimation type				Targets -> Climate Change Targets and Commit...	Update
Wednesday, Mar 6, 2024, 8:38 PM	Target scope				Targets -> Climate Change Targets and Commit...	Update
Wednesday, Mar 6, 2024, 8:38 PM	Scope 1 emissions				Targets -> Climate Change Targets and Commit...	Update
Wednesday, Mar 6, 2024, 8:38 PM	Target coverage				Targets -> Climate Change Targets and Commit...	Update
Wednesday, Mar 6, 2024, 8:38 PM	Target announcement date (mon...				Targets -> Climate Change Targets and Commit...	Update
Wednesday, Mar 6, 2024, 8:38 PM	Target announcement date (year)				Targets -> Climate Change Targets and Commit...	Update
Wednesday, Mar 6, 2024, 8:38 PM	Target category				Targets -> Climate Change Targets and Commit...	Update
Wednesday, Mar 6, 2024, 8:38 PM	Target status				Targets -> Climate Change Targets and Commit...	Update
Wednesday, Mar 6, 2024, 8:38 PM	Target announcement date				Targets -> Climate Change Targets and Commit...	Update

Navigate to **Manage Sustainability Data** to provide data feedback on all data categories excluding climate and to access educational resources like [Issuer Academy](#).

- **MY DOCUMENTS** > to upload publicly available company disclosures
- **MY DATA** > to provide non-climate data feedback
- **MY CONTACTS** > to update company contacts
- **MY RESOURCES** > to access Issuer Academy



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To learn more, please visit www.msci.com.

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