



workiva
**Take Control
of XBRL® Tagging**



Workiva, the leader in XBRL® software, simplifies complex work. Customers trust Workiva's open, intelligent and intuitive platform to connect data, documents and teams. The results: improved efficiency, greater transparency and less risk. Visit Workiva at <https://www.workiva.com/solutions/esg-reporting> for more information on our XBRL and ESG reporting solutions.

SASB Tagging Using Workiva Platform

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Step-by-step XBRL preparation Guide Using **workiva**

I. Accessing the Taxonomy

An XBRL Taxonomy is made up of a few technical files that are machine-readable but not human-readable. A taxonomy viewer is needed in order to read the taxonomy content. The taxonomy viewer can be accessed in a couple of different ways in Workiva.

1. Taxonomy Analyzer

The Workiva Taxonomy Analyzer is a free taxonomy viewer available publicly at <https://app.wdesk.com/taxonomy-analyzer/>.

To open the taxonomy of interest, simply click the link above to open the analyzer, and then click the first dropdown menu on the upper right-hand corner to select the taxonomy from the list. Or type in keywords in the box to search for the taxonomy.

The screenshot shows the Workiva Taxonomy Analyzer interface. At the top, there is a navigation bar with the Workiva logo, the text 'Taxonomy Analyzer', and a dropdown menu currently set to 'US GAAP 2021 (SASB 2021)'. To the right of the dropdown are 'Display Options' and 'Login to Wdesk'.

The main interface is divided into three panels:

- Browse Taxonomy:** A left-hand panel with a search bar and a list of taxonomy sections. Each section is preceded by a right-pointing arrow. The list includes sections like '104000 - Statement - Statement of Financial Position, Classified', '108000 - Statement - Statement of Financial Position, Unclassified - Deposit Based Operations', and '275000 - Disclosure - Risks and Uncertainties'.
- Concept Details:** A central panel with tabs for 'Details' and 'Prese'. It is currently empty, showing a large grey 'X' and the text: 'View Concept Details Here', 'No concept selected.', and 'Select one using the tools on the left.'
- Search/Filter:** A dropdown menu on the right with a search icon and a search bar. It lists various taxonomies, including 'SASB 2021 Beta', 'SEC IFRS 2021', 'SEC IFRS 2020', 'SEC IFRS 2019', 'SEC IFRS 2018', 'SEC IFRS 2017', 'SEC IFRS 2016', 'US GAAP 2021', 'US GAAP 2021 (SASB 2021)', and 'US GAAP 2020 (DEI 2019)'. 'US GAAP 2021 (SASB 2021)' is currently selected.

2. Viewing the Taxonomy in the XBRL Product

XBRL Tagging has to be done using XBRL tagging tool. In Workiva, the XBRL tagging is directly inline with the document. Users can import or create a new document, and then turn on XBRL. The Taxonomy viewer can be seen when you start creating XBRL facts, which will be covered in more details in subsequent sections of this guide.

The screenshot displays the Workiva XBRL tagging tool interface. The top menu bar includes File, Edit, Data, View, Review, and XBRL (highlighted with a red box). Below the menu is a toolbar with icons for Publish, Undo, Redo, Properties, Save As, Import, Print, Permissions, Lock Editing, Health, and Rename. The main workspace shows a document titled '2020 10K SASB Disclosures' with a sidebar on the left containing a search bar and navigation icons. The document content includes the following sections and tables:

SASB Report 2020

SASB Metrics

SASB Code	Metric	2018	2019	2020	
CG-EC-000.A	Entity-defined measure of user activity	Active buyers (thousands)	300000	400000	800000
		Active sellers (thousands)	2000	3000	4000

CG-EC-000.B Data processing capacity • Fill in narratives

Percentage outsourced

Hardware Infrastructure Energy & Water Management

CG-EC-130a.1	Total energy consumed, MWh	7000	6000	5000
	Percentage renewable energy	70 %	90 %	100 %
	Percentage grid electricity	100 %	100 %	100 %

CG-EC-130a.3 Discussion of the integration of environmental considerations into strategic planning for data center needs.
• Fill in narratives

Data Privacy and Advertising Standards

VIEWING SASB Report 2020 125%

The screenshot shows the XBRL software interface with the following components:

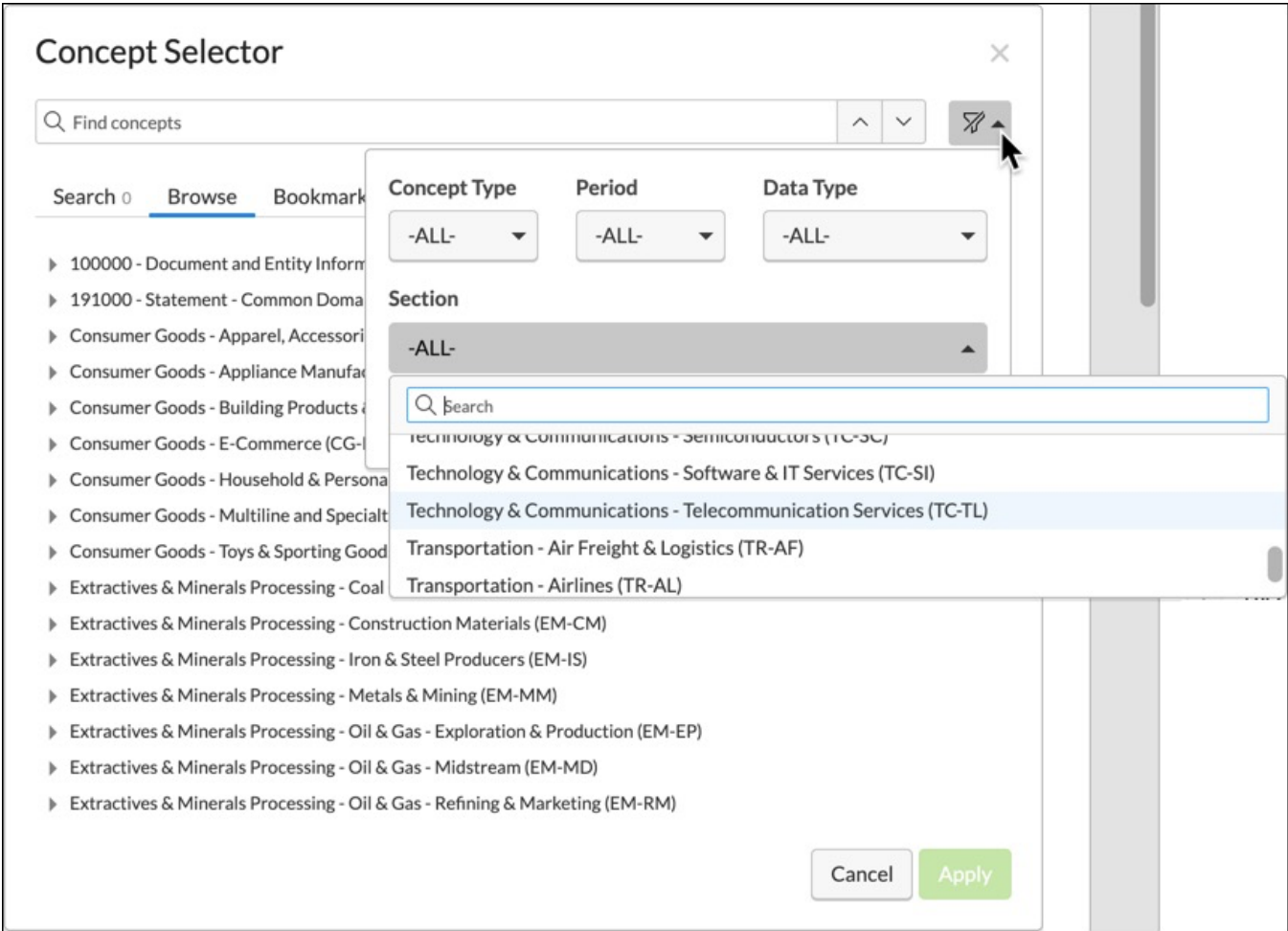
- Menu Bar:** File, Edit, Data, View, Review, XBRL
- Toolbar:** Publish, Show XBRL, US GAAP (2021), SASB 2021, XBRL Profile, Create Fact, Attributes, Locate, Labels, Identifiers, Off, Review Facts As..., Generate XBRL, XBRL Review
- Left Panel:** 2020 10K SASB Disclosures, SASB Report 2020
- Main Workspace:** SASB Report 2020

SASB Metrics					
SASB Code	Metric		2018	2019	2020
CG-EC-000.A	Entity-defined measure of user activity	Active buyers (thousands)	300,000	400,000	800,000
		Active sellers (thousands)	2,000	3,000	4,000
CG-EC-000.B	Data processing capacity	• Fill in narratives			
		Percentage outsourced			
Hardware Infrastructure Energy & Water Management					
CG-EC-130a.1	Total energy consumed, MWh		7,000	6,000	5,000
		Percentage renewable energy	70 %	90 %	100 %
		Percentage grid electricity	100 %	100 %	100 %
CG-EC-130a.3	Discussion of the integration of environmental considerations into strategic planning for data center needs.	• Fill in narratives			
Data Privacy and Advertising Standards					
- Bottom Bar:** VIEWING SASB Report 2020, 125%

II. Navigating the Taxonomy

The SASB taxonomy is organized by industries, topics, metrics and codes.

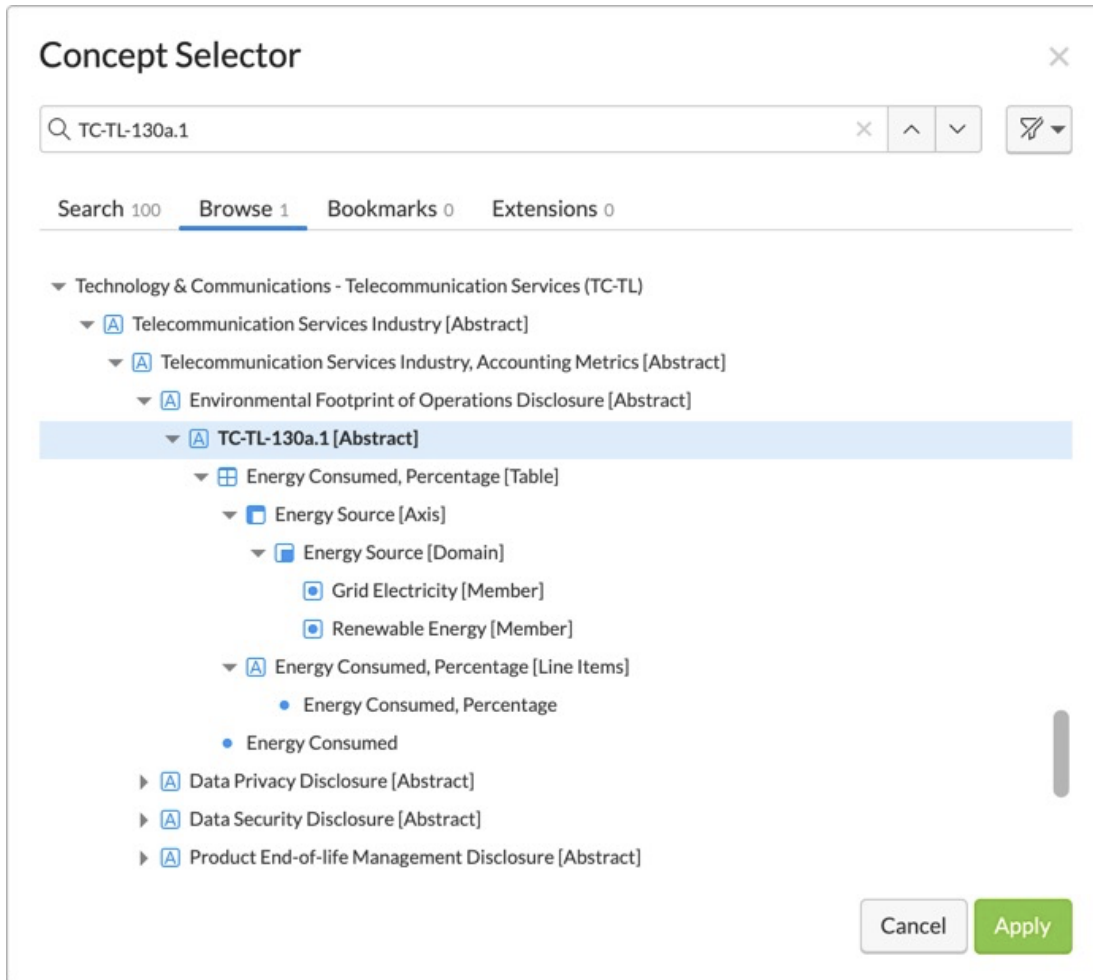
Users can select a particular industry by using the filter option.



The quickest way to navigate to a specific taxonomy section is to search by the industry code or metric description (e.g. “TC-TL-130a.1” or “Total energy consumed”).

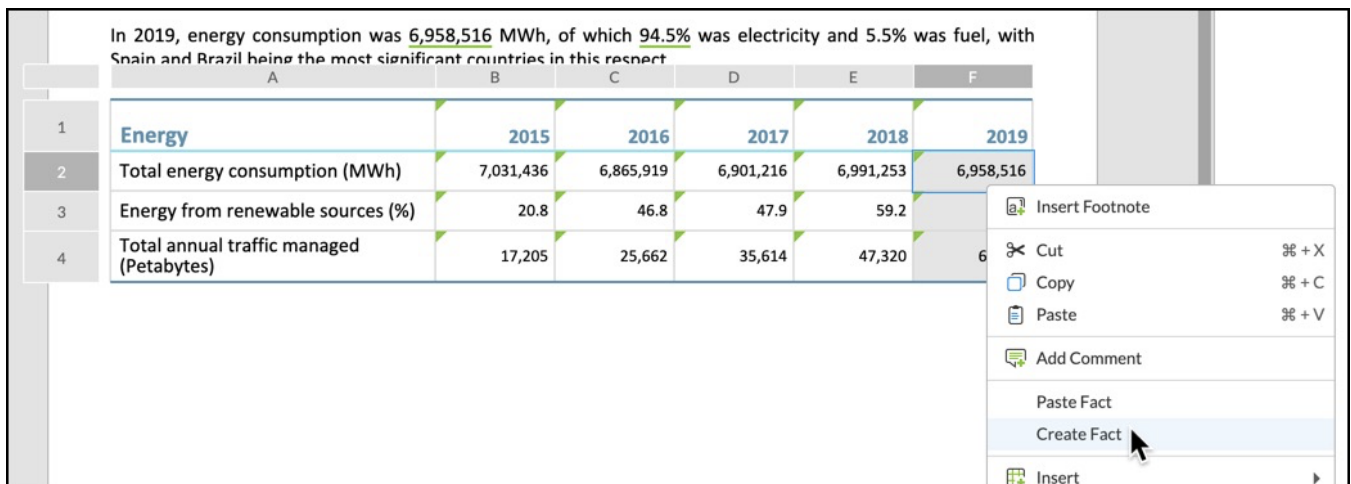
TOPIC	ACCOUNTING METRIC	CATEGORY	UNIT OF MEASURE	CODE
Environmental Footprint of Operations	(1) Total energy consumed, (2) percentage grid electricity, (3) percentage renewable	Quantitative	Gigajoules (GJ), Percentage (%)	TC-TL-130a.1

Expand the selected taxonomy section to view the metrics elements.

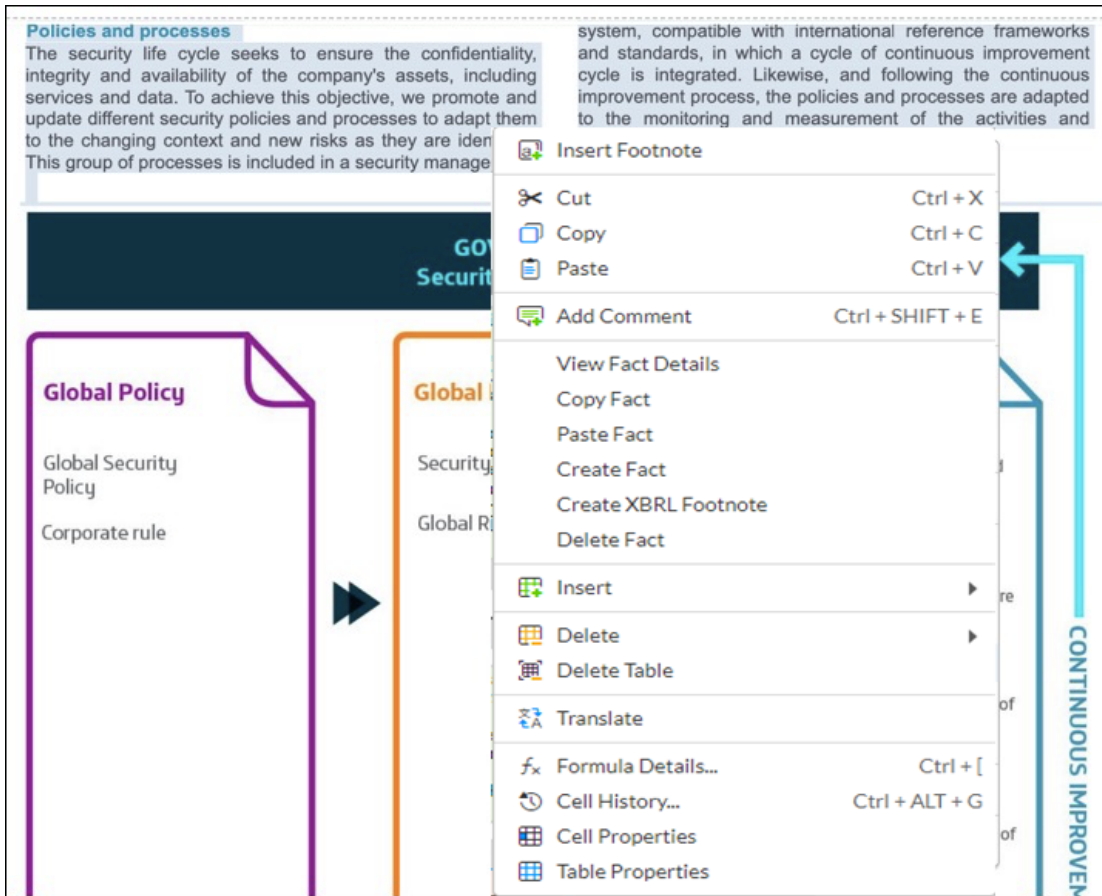


III. Getting Started

After locating the disclosure in the report, select “Create Fact” from the right click menu.



Preparers can also tag texts and images by highlighting them in the report to create XBRL fact.



A “Fact Details” panel will open for XBRL tagging. Orange highlight indicates that XBRL tagging has been initiated. Note that disclosures repeated in different parts of the document can be linked to the same source to ensure consistency in both the value and the XBRL.

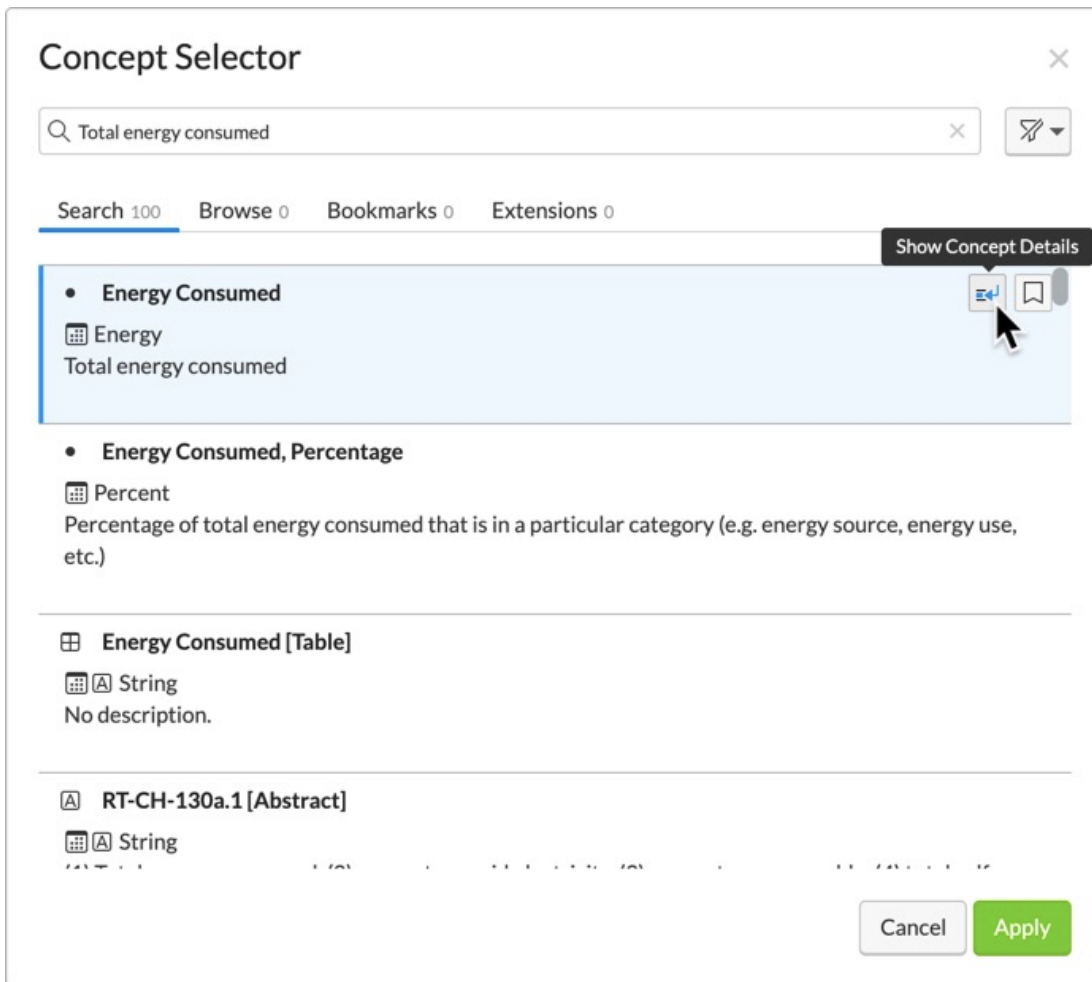
	A	B	C	D	E	F
1	Energy	2015	2016	2017	2018	2019
2	Total energy consumption (MWh)	7,031,436	6,865,919	6,901,216	6,991,253	6,958,516
3	Energy from renewable sources (%)	20.8	46.8	47.9	59.2	81.6
4	Total annual traffic managed (Petabytes)	17,205	25,662	35,614	47,320	60,406

IV. Selecting Concepts

Click “Select Concept” in the “Fact Details” panel to open the “Concept Selector”. There are two ways to find the appropriate concept:

1. Search by industry metric description

Enter the metric description (e.g. “Total energy consumed”) in the search bar. The best match concept will show up first in the search result. To verify the metric, select the icon to show concept details.



The screenshot shows the "Concept Selector" window with a search bar containing "Total energy consumed". Below the search bar are tabs for "Search 100", "Browse 0", "Bookmarks 0", and "Extensions 0". The search results are listed as follows:

- Energy Consumed**
 - Energy
Total energy consumed
- Energy Consumed, Percentage**
 - Percent
Percentage of total energy consumed that is in a particular category (e.g. energy source, energy use, etc.)
- Energy Consumed [Table]**
 - String
No description.
- RT-CH-130a.1 [Abstract]**
 - String

At the bottom right, there are "Cancel" and "Apply" buttons. A tooltip labeled "Show Concept Details" is visible over the first result, with a mouse cursor pointing to an icon.

Basic information about the concept will be shown first in the “Concept Details” window. Review the “References” tab to make sure it is the concept applicable to the disclosure.

The screenshot shows a 'Concept Selector' dialog box with a close button (X) in the top right corner. At the top, 'Energy Consumed' is selected with a blue dot and has bookmark and share icons. Below this are four tabs: 'Details' (active), 'Calculations', 'References', and 'Presentations'. The main content area shows the text 'Total energy consumed.' followed by a 'Properties' section. The properties are listed as follows:

ID	sasb_EnergyConsumed
Type	Energy
Period	duration
Substitution Group	xbri:item
Clark Name	{http://www.sasb.org/xbri/taxonomy/cor/2021-08-23}EnergyConsu...

At the bottom of the dialog, there are three buttons: a 'Back' button with a left arrow, a 'Cancel' button, and an 'Apply' button with a green background.


Verifying references is important because concepts with different meaning may have similar labels. Click “Apply” to select the concept, or click “Back” to select a different concept.

Concept Selector ✕

• Energy Consumed 🔖 🔗

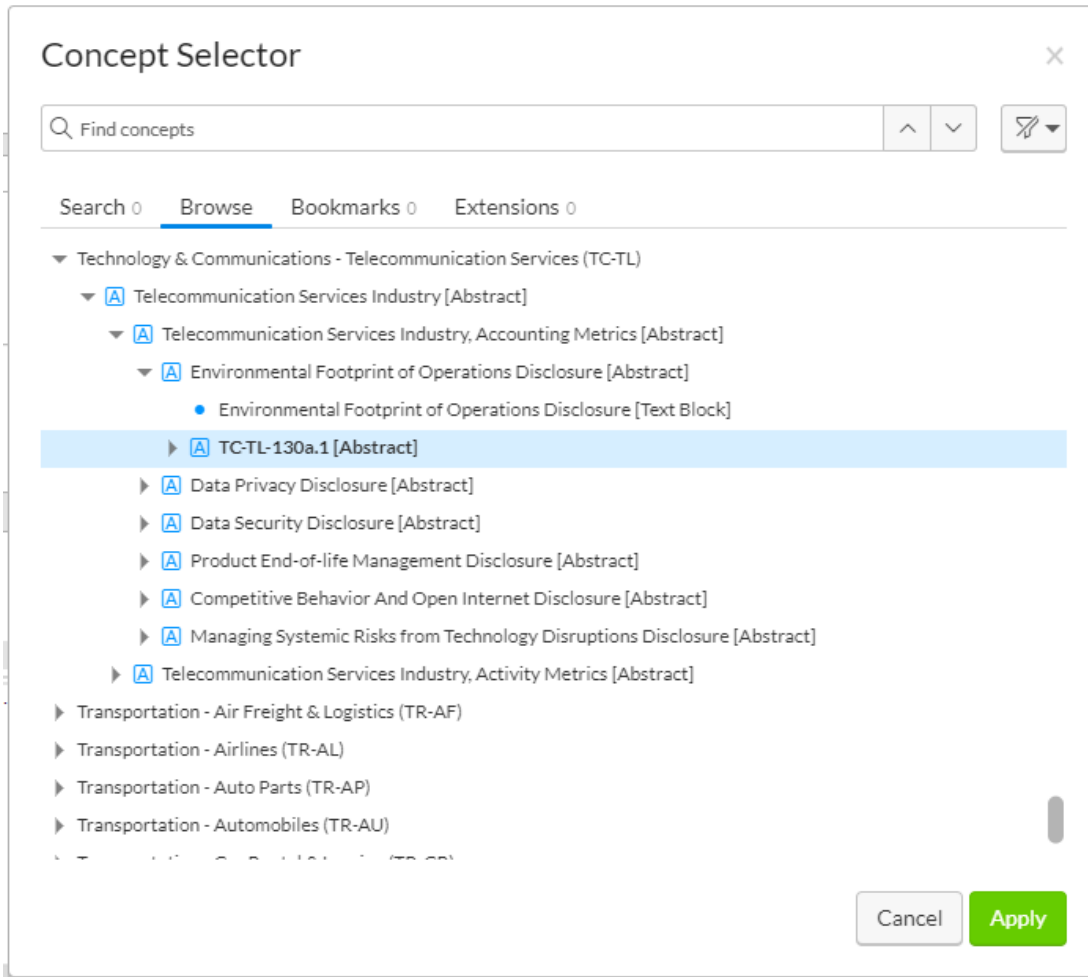
Details Calculations References Presentations

IssueDate	2018-10-01
Name	Sustainability Accounting Standard
Publisher	Sustainability Accounting Standards Board (SASB)
Section	TC-TL-130a.1a
IssueDate	2018-10-01
Name	Sustainability Accounting Standard
Publisher	Sustainability Accounting Standards Board (SASB)
Section	TR-AP-130a.1a
IssueDate	2018-10-01
Name	Sustainability Accounting Standard
Publisher	Sustainability Accounting Standards Board (SASB)

< Back Cancel Apply 

2. Search by accounting metric industry code

Select the “Browse” option, then enter the industry code in the search bar (e.g. “TC-TL-130a.1”.) The window will navigate to the section applicable to the metric. Expand the section to view the elements.



After reviewing concept details, select and apply the appropriate concept.

The image shows a 'Concept Selector' dialog box with a search bar at the top containing the text 'Find concepts'. Below the search bar are tabs for 'Search 0', 'Browse', 'Bookmarks 0', and 'Extensions 0'. The 'Browse' tab is active. The main area displays a tree view of concepts. The selected concept, 'Energy Consumed', is highlighted in blue. At the bottom right, there are two buttons: 'Cancel' and 'Apply'. The 'Apply' button is highlighted with a red rectangular box.

Concept Selector

Find concepts

Search 0 Browse Bookmarks 0 Extensions 0

- Technology & Communications - Telecommunication Services (TC-TL)
 - Telecommunication Services Industry [Abstract]
 - Telecommunication Services Industry, Accounting Metrics [Abstract]
 - Environmental Footprint of Operations Disclosure [Abstract]
 - Environmental Footprint of Operations Disclosure [Text Block]
 - TC-TL-130a.1 [Abstract]
 - Energy Consumed, Percentage [Table]
 - Energy Consumed**
 - Data Privacy Disclosure [Abstract]
 - Data Security Disclosure [Abstract]
 - Product End-of-life Management Disclosure [Abstract]
 - Competitive Behavior And Open Internet Disclosure [Abstract]
 - Managing Systemic Risks from Technology Disruptions Disclosure [Abstract]
 - Telecommunication Services Industry, Activity Metrics [Abstract]
- Transportation - Air Freight & Logistics (TR-AF)
- Transportation - Airlines (TR-AL)

Cancel Apply

Users may also select multiple disclosures, and apply the same element at once. (e.g. entire row or column.)

The screenshot displays a data table with the following content:

	2015	2016	2017	2018	2019
Energy					
Total energy consumption (MWh)	7,031,436	6,865,919	6,901,216	6,991,253	6,958,516

The 'Concept Selector' dialog shows a search for 'TC-TL-130a.1' and a tree view of concepts. The selected concept is 'Energy Consumed' under 'TC-TL-130a.1 [Abstract]'. The 'Fact Details' panel on the right shows '5 facts selected' and various configuration options.

V. Applying Dimensions

Besides selecting a concept, some facts may require additional tagging.

For example, the metric “Energy Consumed, Percentage” applies to two energy sources. The taxonomy utilizes a dimension (consisting of the [Axis] and its [Member]s elements) to differentiate between Grid Electricity and Renewable Energy.

The taxonomy tree view shows the following structure:

- TC-TL-130a.1 [Abstract]
 - Energy Consumed, Percentage [Table]
 - Energy Source [Axis]
 - Energy Source [Domain]
 - Grid Electricity [Member]
 - Renewable Energy [Member]

The selected concept is 'Energy Consumed, Percentage'.

To add dimensions to a fact, click “Select Dimension” in the “Fact Details” panel to open the “Concept Selector” again. First locate the applicable member (e.g. “Renewable Energy [Member]”) for the disclosure to identify the relevant axis, and apply.

The screenshot displays a financial reporting interface. At the top, a text block states: "In 2019, energy consumption was 6,958,516 MWh, of which 94.5% was electricity and 5.5% was fuel, with Spain and Brazil being the most significant countries in this respect". Below this is a table with columns for years (2015-2019) and rows for "Energy", "Total energy consumption (MWh)", and "Energy from renewable sources (%)". The value 81.6 is highlighted in the 2019 column for the "Energy from renewable sources" row.

The "Concept Selector" dialog box is open, showing a search bar and a tree view of concepts. The tree view is expanded to show "Energy Source [Axis]" with sub-items "Grid Electricity [Member]" and "Renewable Energy [Member]". The "Renewable Energy [Member]" item is selected. At the bottom of the dialog are "Cancel" and "Apply" buttons.

The "Fact Details" panel on the right shows the selected concept "Energy Consumed, Percentage" and various configuration options such as "Date", "Source Value", "Fact Value", "Accuracy", "Units", "Calculations", "XBRL Footnotes", "Fact Options", and "Fact Usage Locations".

	A	B	C	D	E	F
1	Energy	2015	2016	2017	2018	2019
2	Total energy consumption (MWh)	7,031,436	6,865,919	6,901,216	6,991,253	6,958,516
3	Energy from renewable sources (%)	20.8	46.8	47.9	59.2	81.6

Once the axis is applied, click “Select Member” under the newly added axis in the “Fact Details” panel to apply the member.

The screenshot displays a software interface with three main components:

- Data Table:** A table with columns A-F and rows 1-4. Row 1 is 'Energy', row 2 is 'Total energy consumption (MWh)', and row 3 is 'Energy from renewable sources (%)'. The value 81.6 is highlighted in cell F3.
- Concept Selector:** A dialog box with a search bar containing 'Renewable'. It shows a tree view of concepts, with 'Renewable Energy [Member]' selected. Buttons for 'Cancel' and 'Apply' are at the bottom.
- Fact Details:** A panel on the right for 'Cell F3'. It shows the concept 'Energy Consumed, Percentage' and the dimension 'Energy Source [Axis]'. The 'Select Member' button is highlighted.

	A	B	C	D	E	F
1	Energy	2015	2016	2017	2018	2019
2	Total energy consumption (MWh)	7,031,436	6,865,919	6,901,216	6,991,253	6,958,516
3	Energy from renewable sources (%)	20.8	46.8	47.9	59.2	81.6
4						

In 2019, energy consumption was 6,958,516 MWh, of which 94.5% was electricity and 5.5% was fuel, with Spain and Brazil being the most significant countries in this respect.

Energy	2015	2016	2017	2018	2019
Total energy consumption (MWh)	7,031,436	6,865,919	6,901,216	6,991,253	6,958,516
Energy from renewable sources (%)	20.8	46.8	47.9	59.2	81.6

Fact Details

Inspect Facts

Concept *

- Energy Consumed, Percentage

Dimensions

- Energy Source [Axis]
- Grid Electricity [Member]

Select Dimension

Date * Add Date Range

Source Value 0.945

Fact Value 0.945

Accuracy 0 (Ones) ▾

Units * pure

Fact Details

Inspect Facts

Cell F3

Concept *

- Energy Consumed, Percentage

Dimensions

- Energy Source [Axis]
- Renewable Energy [Member]

Select Dimension

Date * Add Date Range

Source Value 0.816

Fact Value 0.816

Accuracy 0 (Ones) ▾

Units * pure

Some metrics may be modeled with multiple dimensions. In that case, additional dimensions can be added by repeating the “Select Dimension” steps in the “Fact Details” panel.

- ▼ Employees, Percentage Of Contingent All Other Employees [Table]
 - ▼ Gender [Axis]
 - ▼ Gender [Domain]
 - Female [Member]
 - Gender Not Available Or Not Disclosed [Member]
 - Male [Member]
 - ▼ Race Ethnicity [Axis]
 - ▼ Race Ethnicity [Domain]
 - Asian [Member]
 - Black Or African American [Member]
 - Hispanic Or Latino [Member]
 - Other Race Or Ethnicity [Member]
 - Race Or Ethnicity Not Available Or Not Disclosed [Member]
 - White [Member]
 - ▼ Employees, Percentage Of Contingent All Other Employees [Line Items]
 - Employees, Percentage Of Contingent All Other Employees

VI. Adding Dates

Besides concept and dimension, an XBRL fact also requires a proper date or date range.

Click “Add Date” or ”Add Date Range” in the “Fact Details” panel to open the “XBRL Dates” window. Based on the period type (i.e. duration or instant) of the concept, either the “YTD” or the “As of” date options would become available. Select and apply the appropriate date item.

The screenshot displays the XBRL software interface. On the left, a text snippet reads: "In 2019, energy consumption was 6,958,516 MWh, of which 94.5% was electricity and 5.5% was fuel, with Spain and Brazil being the most significant countries in this respect." The "94.5%" is highlighted in orange.

The "XBRL Dates" dialog box is open, showing the "Fiscal" tab. It contains the following elements:

- Buttons for "Fiscal" and "Special".
- Text: "Use fiscal dates when you want them to roll forward for each new period. [Learn more](#)"
- Three columns for fiscal years: "FY 2019", "FY 2018", and "FY 2017".
- Under "FY 2019":
 - "YTD" with a button "1/1/2019 - 12/31/2019" (highlighted in blue).
 - "As of" with buttons "12/31/2019", "12/31/2018", and "6/30/2017".
- Under "FY 2018":
 - "YTD" with a button "7/1/2017 - 12/31/2018".
 - "As of" with buttons "12/31/2018" and "6/30/2017".
- Under "FY 2017":
 - "YTD" with a button "7/1/2016 - 6/30/2017".
 - "As of" with a button "6/30/2017".
- Buttons at the bottom: "Update Fiscal Calendar", "Cancel", and "Apply" (with a mouse cursor over it).

The "Fact Details" panel on the right shows the following configuration:

- Toggle: "Inspect Facts" (turned off).
- Concept: "Energy Consumed, Percentage".
- Dimensions: "Energy Source [Axis]" and "Grid Electricity [Member]".
- Select Dimension: A dashed box labeled "Select Dimension".
- Date: "Add Date Range" button.
- Source Value: 0.945.
- Fact Value: 0.945.
- Accuracy: "0 (Ones)" dropdown.
- Units: "pure".
- Calculations: "Create" button.
- XBRL Footnotes: "Manage XBRL Footnotes" link.
- Fact Options: "Reverse Fact Value Sign" (unchecked), "Include if Zero" (checked), "Include if Nil" (checked).

VII. Updating Fact Properties

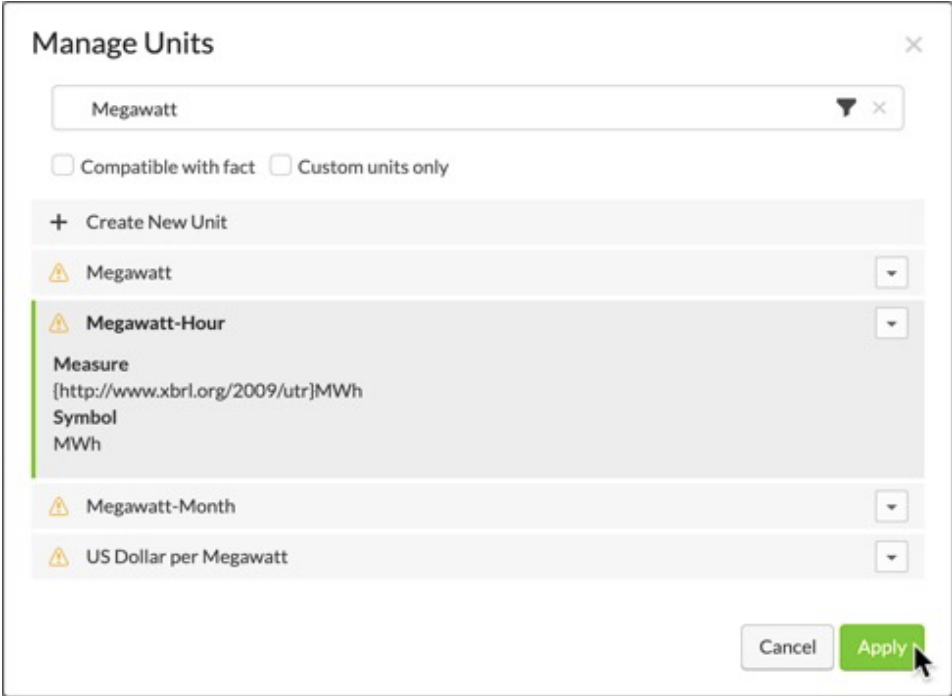
After creating the XBRL fact, ensure all fact properties are accurate. Accuracy indicates the precision of a fact. Unit specify the unit of measurement for a fact.

As an XBRL fact, percentages should be converted to its decimal equivalent. 81.6% is equivalent to 0.816, therefore accuracy is 3 (One Thousandth). Percent item type concepts have only one allowable unit, `xbri:pure`.

The screenshot shows the 'Fact Details' interface for 'Cell F3'. The 'Concept' is 'Energy Consumed, Percentage'. Under 'Dimensions', 'Energy Source [Axis]' and 'Renewable Energy [Member]' are selected. The 'Fiscal Date' is '1/1/2019 - 12/31/2019'. The 'Source Value' and 'Fact Value' are both '0.816'. The 'Accuracy' is currently set to '3 (One Thousandth)'. The 'Units' dropdown menu is open, showing a search bar and a list of options: '4 (One Ten Thousandth)', '3 (One Thousandth)', '2 (One Hundredth)', '1 (One Tenth)', '0 (Ones)', and '-1 (Tens)'. A mouse cursor is pointing at '3 (One Thousandth)'. At the bottom of the menu is a '+ Use Other Accuracy' option. On the left side, there are sections for 'Calculations' and 'XBRL Footnote'.

The screenshot shows the 'Fact Details' interface for 'Cell F3' after the unit has been updated. The 'Concept' is 'Energy Consumed, Percentage'. Under 'Dimensions', 'Energy Source [Axis]' and 'Renewable Energy [Member]' are selected. The 'Fiscal Date' is '1/1/2019 - 12/31/2019'. The 'Source Value' and 'Fact Value' are both '0.816'. The 'Accuracy' is '3 (One Thousandth)'. The 'Units' dropdown menu is now set to 'pure'. The 'Inspect Facts' toggle is visible at the top left.

Depending on the element’s item type, there may be a list of applicable units to select from. In this case, simply search for an applicable unit in the “Manage Units” window to apply.



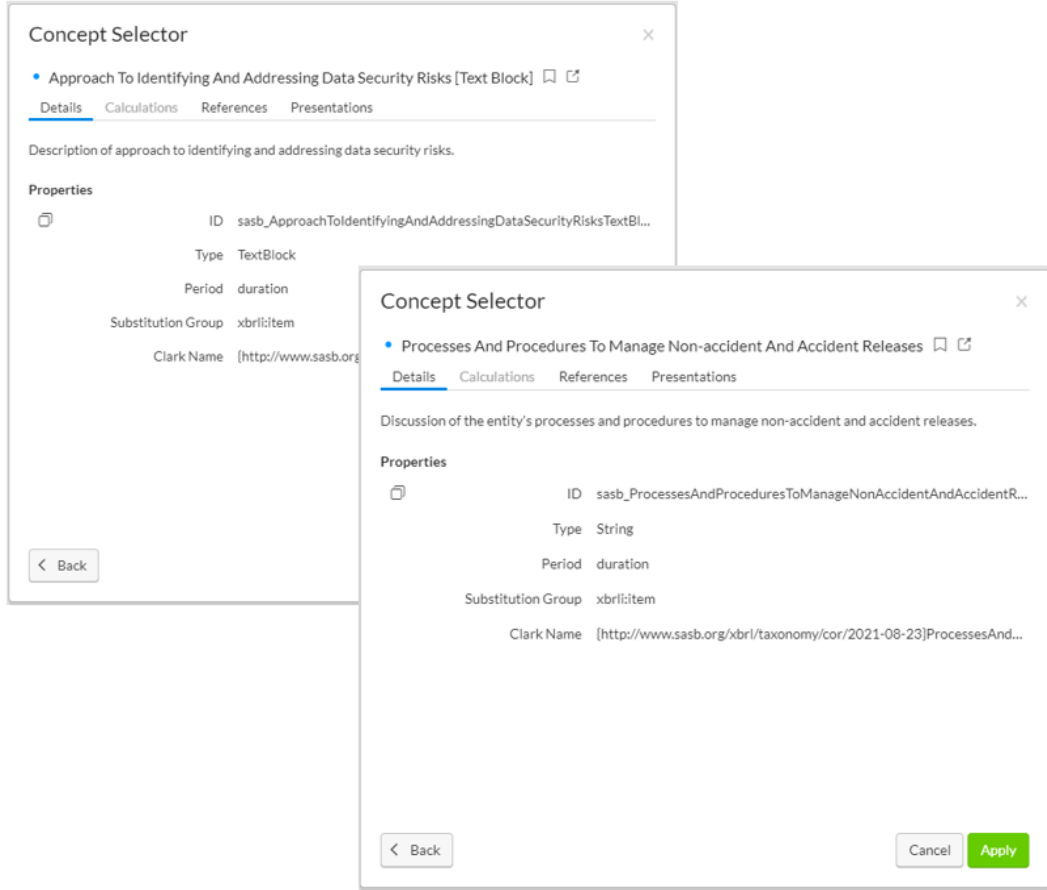
Besides numeric disclosures, narrative paragraphs, graphs and images may also require tagging. For example, a broad narrative may be provided on a topic in addition to the required metrics. In this case, the paragraph can be tagged with a text block.

Affordability & Pricing

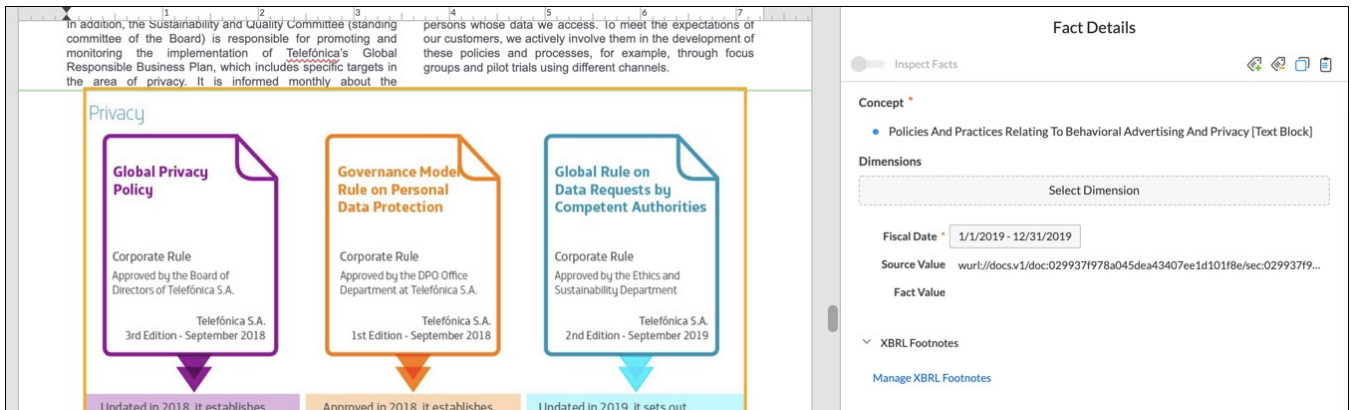
Healthcare is advancing every day, but the benefits of these developments are not always shared equally. There are large sections of the population that do not have access to quality healthcare. We work across the healthcare ecosystem to develop and scale programs that expand access to our products and services in underserved markets.

Code	SASB Metric	2020 Reporting
HC-MS-240a.1	Ratio of weighted average rate of net price increases (for all products) to the annual increase in the U.S. Consumer Price Index	As of December 2020, the ratio for all products is <u>-200%</u>

Additional narratives on disclosure topics utilize textBlockItemType concepts. Other explanatory notes utilize stringItemType concepts.



Tagging steps for these textual facts are the same as tagging numeric facts, except they do not require accuracy or unit which are numeric fact properties that do not apply to textual facts.



VIII. Applying XBRL Footnotes

In the event that a company elects not to report a specific metric or about a given topic, SASB recommends that a nil XBRL fact be disclosed as well as an XBRL footnote explaining why the company decided not to report that information.

To define an XBRL Footnote, select the cell or text used as an explanation and select “Create XBRL Footnote.”

Code	SASB Metric	2020 Reporting
HC-MS-430a.1	Percentage of (1) entity's facilities and (2) Tier I suppliers' facilities participating in third-party audit programs for manufacturing and product quality	We are a vertically integrated company. This metric is not material to our business
HC-MS-430a.2	Description of efforts to maintain traceability within the distribution chain	We are a vertically integrated company. This material to our business
HC-MS-430a.3	Description of the management of risks associated with the use of critical materials	We exercise due diligence consistent with the Diligence Guidance for Responsible Supply Chain Minerals from Conflict-Affected and High-Risk Areas. Our goal is to source raw materials that require no 3TG (tin, tantalum, tungsten or gold) from conflict-free sources.

Insert Footnote

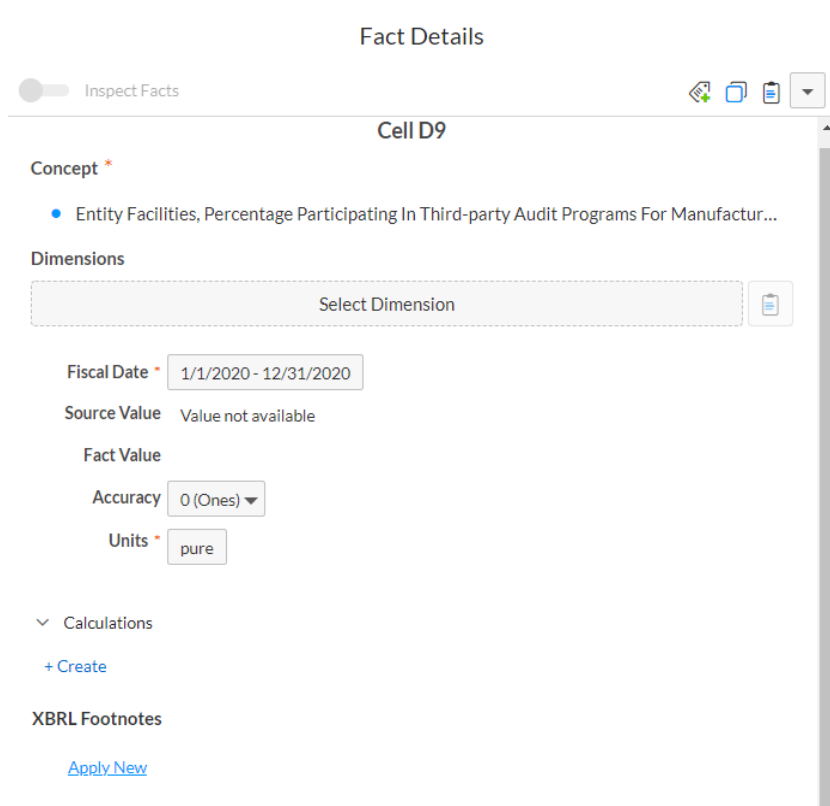
- Cut Ctrl + X
- Copy Ctrl + C
- Paste Ctrl + V
- Add Comment Ctrl + SHIFT + E
- View Fact Details
- Copy Fact
- Paste Fact
- Create Fact
- Create XBRL Footnote
- Delete Fact
- Insert ▶
- Delete ▶

After selecting “Create XBRL Footnote,” you will define a name for your XBRL Footnote.

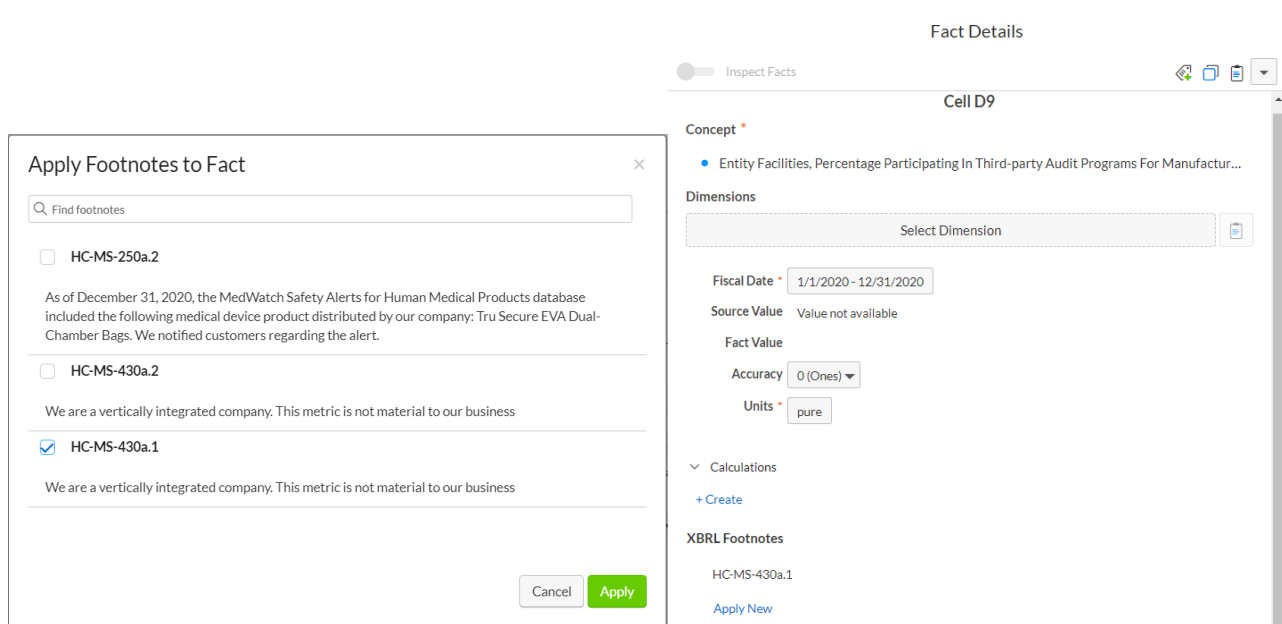
XBRL Footnote

Cancel
Apply

In order to apply the XBRL Footnote, select “Apply New” in the XBRL Footnotes section of the Fact Details panel.



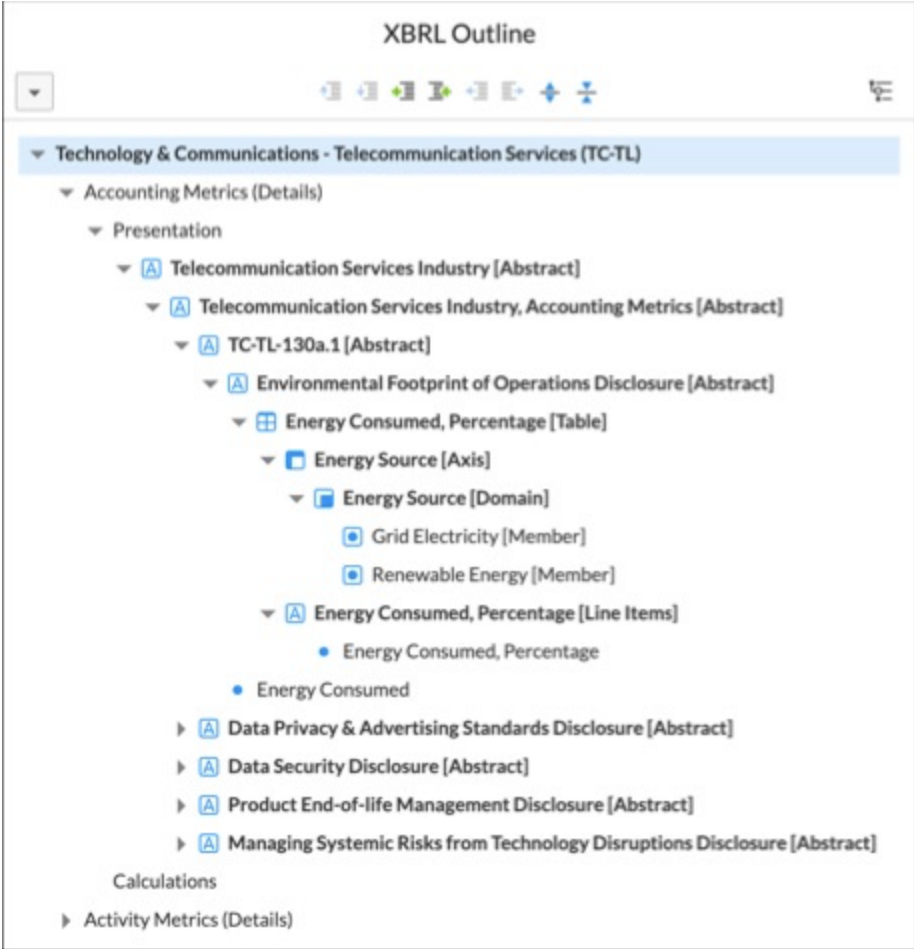
And select the Footnote to apply.



The process is essentially the same for creating XBRL Footnotes from text outside a table. Simply select the text and follow the same steps.

IX. XBRL Presentation

As preparers go through the tagging process, an XBRL presentation outline is created simultaneously. The items can be re-ordered, and labels can be edited as appropriate.



X. Generating and Validating XBRL

In order to generate a valid XBRL report, the XBRL must not contain any errors.

After generating the XBRL, select “Show Validation Results” to review any issues. Utilize the hyperlinks provided in the “XBRL Validation” panel to navigate to the disclosure item for efficient error review.

XBRL Validation

Document Generation 5

E Duplicate fact

There are two or more facts with the same concept, units, and dates, but different fact values or accuracy settings. Check the facts and their details in the Fact Details panel. If they are not the same fact, then replace with the appropriate concept.

- [Accounting Metrics](#)
- [2019 Main Indicators \(KPI's\)](#)
- [2019 Main Indicators \(KPI's\)](#)

E Fact information missing

XBRL Document Generations

SASB 2021

No changes since last generation.

Document Generation 5

6 0 0 0 0

Percy Hung

Document Generation 4

9 0 0 0 0

Peter Larison

26 Facts

Nov 23, 2:00 PM, 42s

Document Generation 3

Show Validation Results

Show Calculation Issues

Create XBRL Blackline

XBRL may be generated in Inline or traditional format. Run XBRL blackline as needed to review changes in between version.

Inline Viewer

Highlight: XBRL Elements Untagged numbers Untagged dates

The internal opportunities include the Renewable Energy Plan and the Energy Efficiency Plan, which enable us to reduce the Company's operating costs. In external opportunities we can identify an opportunity for business growth, for example the new IoT-based services necessary for transitioning to the decarbonisation of many economic sectors. (See more in chapter 2.3.4. Digitalisation and Ecosmart Services).

CDP A LIST 2019 CLIMATE

In 2019 we were given, for the sixth consecutive year, the highest 'A' rating by the CDP with regard to Climate Change. The A List includes companies that meet the top criteria of the Carbon Disclosure Project in terms of strategy, targets and actions related to the risks and opportunities of climate change. We also received recognition for our transparency and commitment to customers as regards climate change, obtaining an A rating in the CDP Supply Chain Climate.

We can identify opportunities in a low carbon economy for both internal energy management and business growth, by selling products that reduce our customers' carbon emissions.

Energy

Energy is an essential resource of our activity; 95% of consumption comes from operating our telecommunications network. Since 2015, we have managed to stabilise energy, reducing it by 1% despite the fact that the traffic managed by our networks has increased by 251%.

In 2019, energy consumption was 6,958,516 MWh, of which 94.5% was electricity and 5.5% was fuel, with Spain and Brazil being the most significant countries in this respect.

	2015	2016	2017	2018	2019
Total energy consumption (MWh)	7,031,436	6,865,919	6,901,216	6,991,253	6,958,516
Electricity (MWh)	6,612,778	6,391,248	6,461,695	6,543,895	6,574,002
Fuel and Urban Heating (MWh)	418,658	474,670	439,521	447,358	384,514
Energy from renewable sources (%)	20.8	46.8	47.9	59.2	81.6
Total annual traffic managed (Petabytes)	17,205	25,662	35,614	47,320	60,406

Fact Properties

Concept: (sasb) Energy Consumed, Percentage

Percentage of total energy consumed that is in a particular category (e.g. energy source, energy use, etc.)

Dimensions:

- Energy Source [Axis]
 - Renewable Energy [Member]

Date: 1 Jan 2019 to 31 Dec 2019

Fact Value: 0.816 xbrli:pure

Accuracy: 3 (thousandths)

Change: 37.8% increase on 1 Jan 2018 to 31 Dec 2018

Entity: [CIK] 0000814052

Concept: sasb:EnergyConsumedPercentage

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