



## Guide for STIX Dashboard Users

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### 1 Layout

The STIX dashboard consists of following elements:

- A) **Selection panel:** It enables the selection of dataset (flow, interval, and value) and variables including reporting countries, partner countries, products, and period. The number of selected items and the total number of available items for 'Reporting Countries', 'Partner Countries' and 'Products' sections are displayed in each section.
- B) **Display panel:** It displays the background information on STIX and the table and chart of selected data.
  - **'About' tab:** It contains the aim, scope, benefits, public access and source of STIX dashboard.
  - **'Data Availability' tab:** It shows the period covered in the database by reporting country.

- **'Table' tab:** It displays the table of selected dataset.
- **'Chart' tab:** It displays the chart of trade trends based on selected dataset.

C) **Links:** It includes links to the User Guide and the [User Survey](#).

The screenshot shows the STIX dashboard interface. At the top left is the STIX logo and 'Sustainable Timber Information Exchange'. The dashboard is divided into three main sections:

- Selection panel (left):** Contains filters for 'Data' (Flow: Import/Export, Interval: Yearly/Monthly, Value: Value USD/Quantity), 'Reporting Countries' (0/44), 'Partner Countries' (0/246), 'Products' (0/309), and 'Period' (2015-2019).
- Display panel (center):** Shows the 'Table' tab selected. It contains sections for 'Aim', 'Scope', 'Why STIX?', 'Public access', and 'Source', each with descriptive text and bullet points.
- Links (top right):** A box containing 'User Guide' and a magnifying glass icon.

At the bottom center, there is a logo for ITTO and GTF (growing responsible trade) with the text: © 2019 Sustainable Timber Information Exchange (STIX). All rights reserved. info@stix.global

Figure 1. Layout of the STIX dashboard

## 2 Selecting dataset

In the Selection panel, select the dataset to display.

### 2.1 Data

In the Data section, you can choose the flow of the trade (imports or exports), the reporting interval (yearly or monthly), and the indicator (traded value in US dollar or quantity). By default, 'Import', 'Yearly' and 'Value (USD)' are selected.

- Change the selection by clicking on the radio buttons.

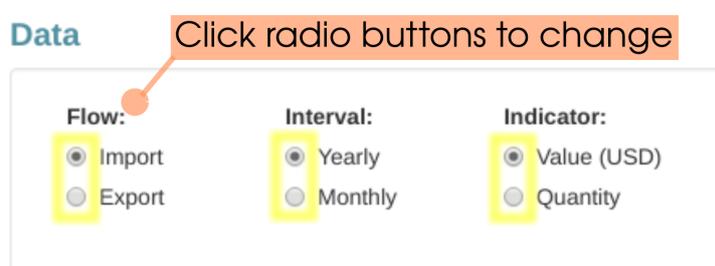


Figure 2. Selecting dataset: flow, interval, and indicator

### 2.2 Reporting Countries

Reporting countries are the countries that reported the statistics on timber product trades at the national level, available from the STIX database. It means that for 'Import' data, the reporting countries refer to the countries which imported products (destination countries of the trades) whereas for 'Export' data they refer to the countries which exported products (origin countries of the trades).

- Countries are selected either using the individual checkboxes or using 'select all' or 'deselect all' to tick all the boxes in view.
- 'Filter'  Filter allows you to select regions and/or special groups (e.g. European Union, Tropical Countries, etc.) of the countries in view.
  - Click on 'Filter' .
  - Place the cursor in the text-entry area under 'Region' or 'Special Group' and left-click.
  - Click on one or more criteria (region or special group) from the dropdown list. You can also search for criteria by typing in the entry box. To clear the filter criteria selection, click on the clear button  next to the entry box.

Note that the 'Clear' button does NOT affect the selection status of countries, only changing the countries in view.

- You can hide the filter by clicking on 'Hide filter' [^ Hide filter](#) below the 'Special Group' entry box and above 'Select all'.
- Note that change of 'Interval' in [the Data section](#) resets the Reporting Countries section, initializing the list of countries and deselecting all previously selected reporting countries.



Figure 3. Selecting dataset: reporting countries

### Box 1. Examples of using filter

#### Example 1. How to select European Union member states

- Click 'filter' and select 'European Union' in 'Special Group' box.
- Click 'Select all' (you will now have selected 28 of 44 reporting countries).

#### Example 2. How to select non-tropical countries

- Click 'Select all' (you will now have selected 44 countries out of 44 reporting countries).
- Click 'filter' and select 'Tropical countries' in 'Special Group' box.
- Click 'Deselect all' (you will now have selected 40 countries out of 44 reporting countries).

## 2.3 Partner Countries

Partner countries indicate the trade counterparts of the reporting countries. It means that for 'Import' data, the partner countries are the countries from which reporting countries imported products (origin countries of the trades) whereas for 'Export' data they refer to the countries to which reporting countries exported products (destination countries of the trades).

- Countries are selected either using the individual checkboxes or using 'select all' or 'deselect all' to tick all the boxes in view.
- 'Filter'  Filter allows you to select regions and/or special groups (e.g. European Union, Tropical Countries, etc.) of the countries in view.
  - Click on 'Filter'  Filter.
  - Place the cursor in the text-entry area under 'Region' or 'Special Group' and left-click.
  - Click on one or more criteria (region or special group) from the dropdown list. You can also search for criteria by typing in the entry box. To clear the filter criteria selection, click on the clear button  next to the entry box. Note that the 'Clear' button does NOT affect the selection status of countries, only changing the countries in view.
  - You can hide the filter by clicking on 'Hide filter'  Hide filter below the 'Special Group' entry box and above 'Select all'.
- Note that change of 'Interval' in the Data section resets the Reporting Countries section, initializing the list of countries and deselecting all previously selected reporting countries.

## 2.4 Products

The 'Products' section allows you to select one or more timber product groups under the Harmonized Commodity Description and Coding System (HS) at the 6-digit level.

- To select all timber-based products, click on the tick box  on the left of 'Select/deselect all'.
- Click on the white triangle  on the left side of 'Select/deselect all' to unfold the list of product groups at 2-digit level (wood, pulp, paper, and wood-based furniture).

- To unfold the list of subgroups, click on the white triangle  on the left of each item. To fold the list, click on the black triangle  on the left of unfolded items.
- Ticking the checkboxes  selects all products under the checked items. If all sub-groups of a group are selected, the green check mark  appears in the checkbox of the group. If a subset of the group is selected, the green square  appears in the checkbox.
- You can also search for products by entering keywords or HS code in the search box.

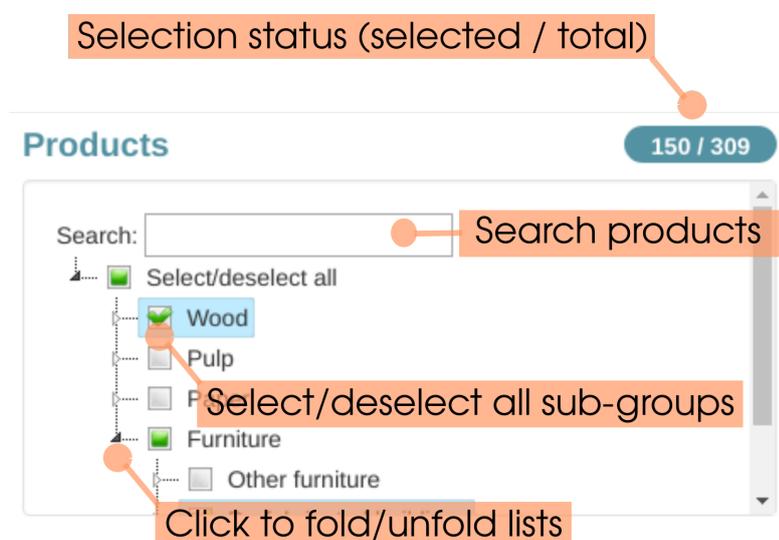


Figure 4. Selecting dataset: products

## 2.5 Period

When 'Yearly' interval is selected under 'Data' section, you will see the range slider for defining the start year and end year. By default, the period from the earliest year to the latest year is selected. The selected period is indicated as the colored bar on the slider.

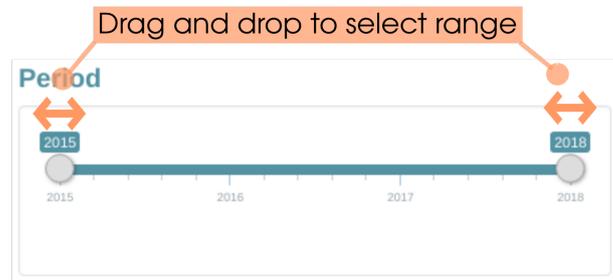
- Drag and drop the circle on the left of the slider to define the start year.
- Drag and drop the circle on the right of the slider to define the end year.

If 'Monthly' interval is selected, you will see a date picker. By default the period from the earliest year and month to the latest year and month is selected.

- Click on the left box of the date selector. When the date picker pops up, select the start of period.

- Click on the right box of the date selector. When the date picker pops up, select the end of period.

### For yearly data



### For monthly data

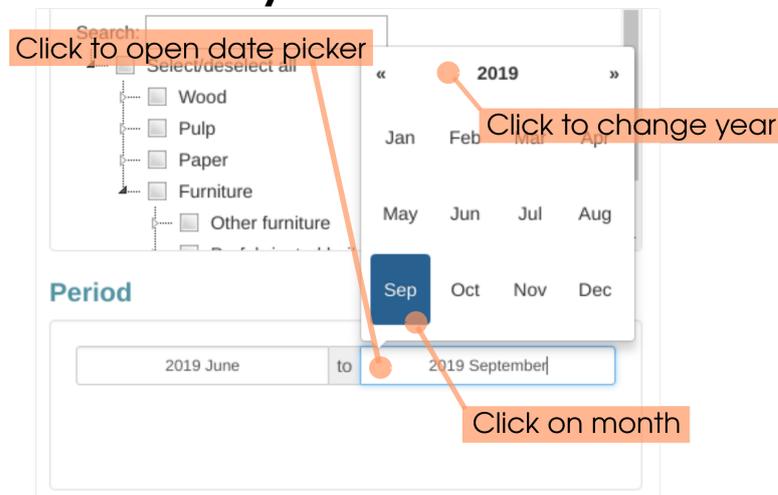


Figure 5. Selecting dataset: period

## 2.6 Apply and Reset

Once all necessary items are selected, the 'Apply' button becomes activated.

If the selection is incomplete, the 'Apply' button stays deactivated. Deactivated Apply button appears in faint gray and a block icon shows up next to the cursor when the cursor is made to hover over the button like below.

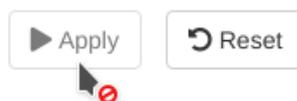
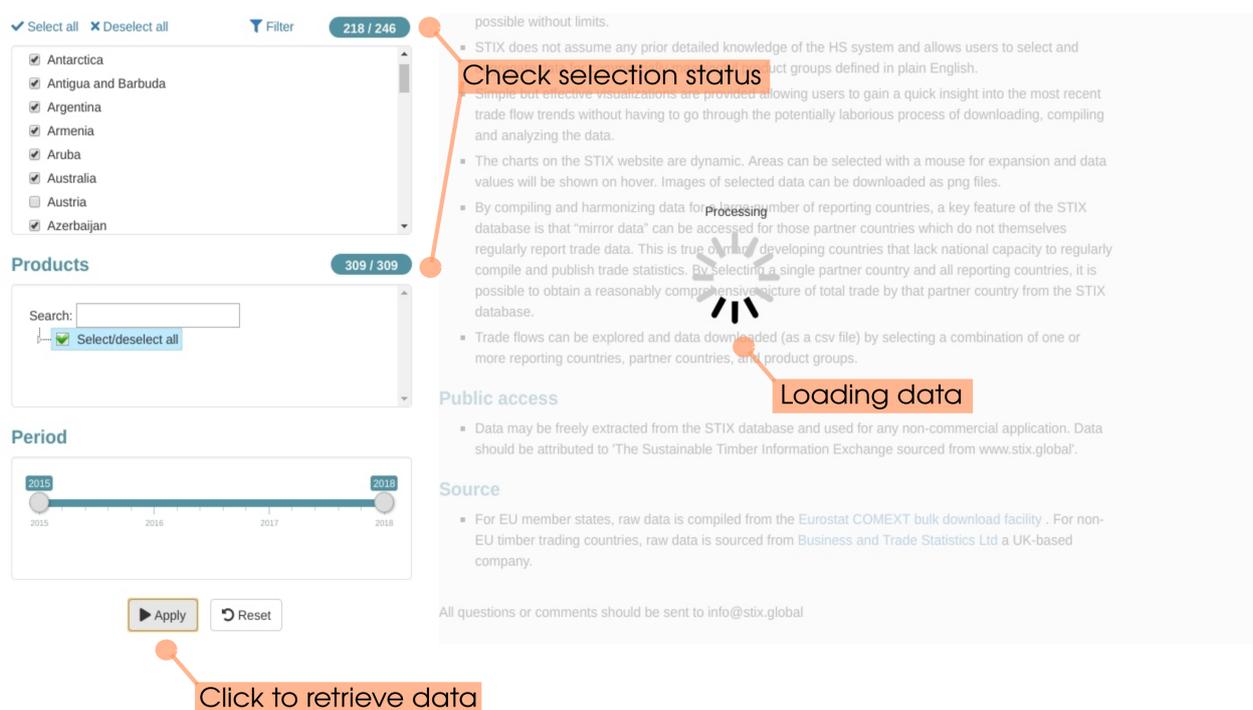


Figure 6. Deactivated Apply button

- Ensure selection is complete (Check if all the numbers of selected items in the 'Selection Status' boxes **309 / 309** are above '0').
- Click 'Apply' button  to retrieve data.
- To reset selection, click 'Reset' button. 

## Sustainable Timber Information Exchange



The screenshot shows the STIX website interface with several key elements highlighted by orange callouts:

- Check selection status:** Points to the '218 / 246' selection status box at the top and the '309 / 309' status box under the 'Products' section.
- Loading data:** Points to the 'Apply' button at the bottom of the interface.
- Click to retrieve data:** Points to the 'Apply' button at the bottom of the interface.

The interface includes a list of countries (Antarctica, Antigua and Barbuda, Argentina, Armenia, Aruba, Australia, Austria, Azerbaijan) with checkboxes, a 'Products' search bar, and a 'Period' timeline from 2015 to 2018. The 'Apply' button is highlighted with an orange callout.



Figure 7. Selecting dataset: apply and reset

### 3 Exploring data

The Display panel shows the data of your selection. Once the data has successfully been loaded from the server, the dashboard switches to the 'Table' tab of the Display panel.

- The number of entries per page can be changed via the selection box on the top-left corner of the Table tab.
- The entries can be sorted in alphabetical order of country names or by size of trade by clicking on the arrows on the left side of column names.
- Entries can be searched via either the search box on the top-right corner or the search boxes at the bottom of the columns.
- The selected dataset can be downloaded as a CSV file of wide format using the download button 'csv' below the table. The full country index and product index can also be downloaded via the download buttons next to the 'csv' file downloader.

The screenshot displays the STIX dashboard interface. At the top, the STIX logo and 'Sustainable Timber Information Exchange' are visible. The main content area is titled 'MONTHLY IMPORTS OF TIMBER PRODUCTS IN VALUE (1000 USD)'. On the left, there are filter panels for 'Reporting Countries' (28/44) and 'Partner Countries' (218/246). The main table shows data for various countries and products, with columns for 'reporter country', 'partner country', 'product', 'product code', and monthly values from 2018-01 to 2019-01. Annotations include:
 

- 'Automatic switch to Table tab' pointing to the 'Table' tab in the top navigation.
- 'Title of table' pointing to the main title of the data panel.
- 'Click to sort' pointing to the arrow on the 'product' column header.
- 'Downloads' pointing to the 'csv', 'country index', and 'product index' buttons below the table.
- 'Scroll down' pointing to the vertical scrollbar on the right side of the table.

Figure 8. Exploring data: layout of the Table tab

## 4 Visualizing data

The STIX dashboard visualizes the selected data to help you grasp trade trends.

- Click on the 'Chart' tab.
- To compare trends by reporter country, partner country, or product group, change the 'Group by' option below the chart.
- When any 'Group by' option other than 'None (total value)' is selected, the checkbox 'Show top 10 only' appears. Tick the checkbox to display 10 groups (countries or products) with the largest trade during the selected period.
- Hovering the cursor over the points on the chart will display the information of the data points.
- You can switch the graph to the rolling average graph if the selected dataset includes more than 3 units of period (years for yearly data and months for monthly data).
  - The rolling average graph plots simple moving averages to visualize general trends. The simple moving averages are the averages of the preceding 3, 6, or 12 months.
  - If you tick the checkbox 'Switch to trend graph', the option of choosing the length of the period will appear. For example, the 3-month-rolling option displays the averages of the preceding 3 months.
- Save the plot as a png by clicking the 'Camera' icon  on the top-right corner of the chart.
- Download the aggregate data used for the chart by clicking "chart data".  chart data



Figure 9. Visualizing data: layout of the Chart tab