

Create an assessment by clicking on the button below.

User guide

This document is intended to serve as a guide for all WIAT users

CREATE ASSESSMENT

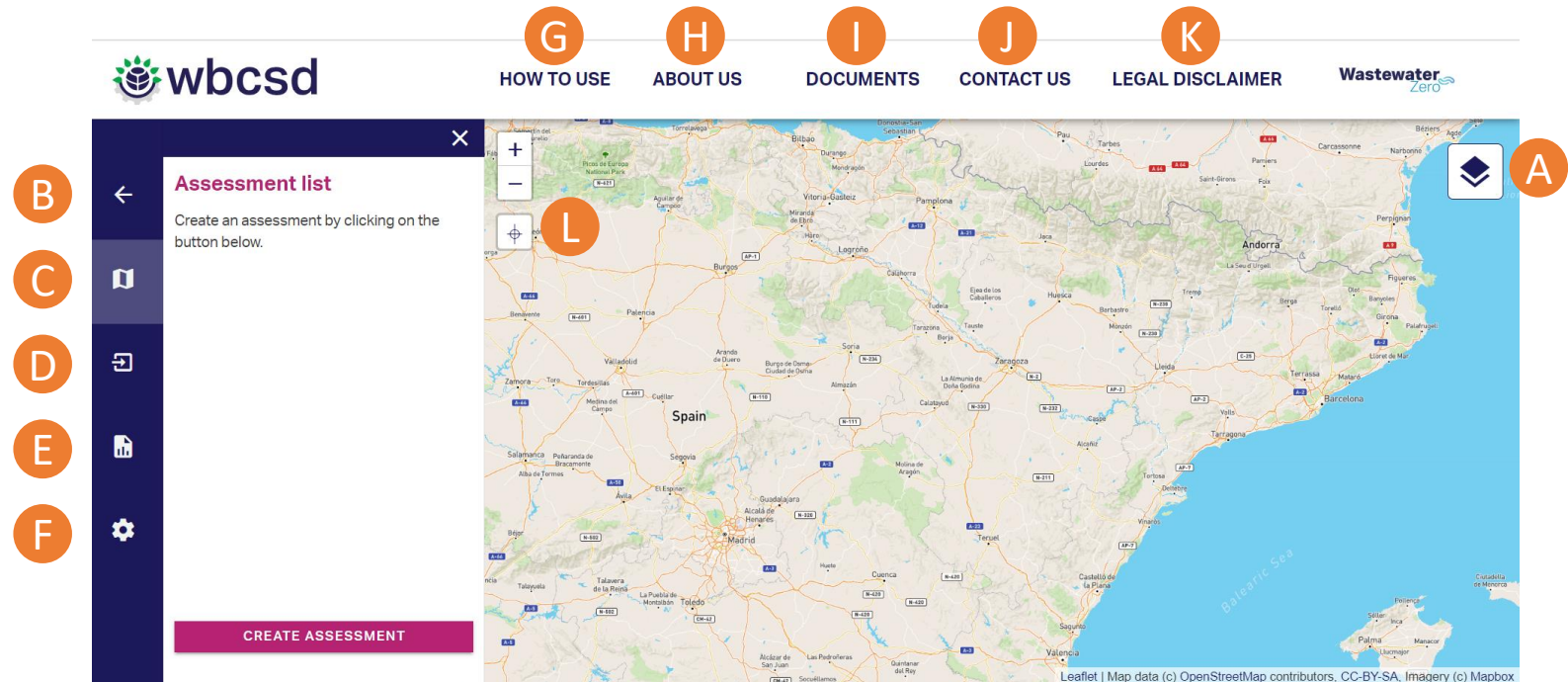
Introduction Page

- The Wastewater Impact Assessment Tool (WIAT) is a valuable tool for businesses to assess and understand the potential environmental impacts of their water treatment and discharge activities. It utilizes a geographic information system (GIS) platform to provide contextual information about the location of industries and helps identify high-impact facilities within a company's operations and supply chain.
- To use WIAT, users input relevant information about the industries they want to analyze. This information can be provided at different levels of complexity, depending on the user's preference and the available data. The tool can estimate certain parameters at a simpler level or perform more accurate calculations if detailed information is provided.
- The GIS maps integrated into WIAT offer valuable spatial information, particularly regarding streamflow. This allows the tool to calculate a range of impact indicators and identify potential areas for action. The tool assesses parameters related to water quality, water quantity, and greenhouse gas (GHG) emissions, enabling users to understand the potential impacts of industrial processes on the environment.
- The impact indicators provided by WIAT serve to analyze the potential impacts caused by industries on the environment at facility level. They help assess the changes in the state of nature resulting from these industrial activities. Additionally, the tool includes indicators related to operational activities, which can be used to identify areas for improvement and reduce the overall environmental impact.
- By using WIAT and considering the calculated impact indicators, businesses can make informed decisions and take appropriate actions to mitigate the potential negative environmental impacts associated with their water treatment and discharge activities. This tool promotes sustainability and supports companies in adopting more environmentally responsible practices within their operations and supply chains.

Landing Page interface

This is the home page of WIAT, where you can see the elements of the Project and the global indicators

- A. Global indicators
- B. Menu
- C. Maps and datasets
- D. Import/export
- E. Report (Statistics)
- F. Parameter configuration
- G. How to use
- H. About us
- I. Documents
- J. Contact Us
- K. Legal Disclaimer
- L. Search location by address or coordinates



Key steps to using WIAT

There are two options to entering site data, through the web interface (step 1 -6) or the excel upload (step A-B). This guide goes through both options.

| Option: Using the web interface | Option: Using the excel upload |
|--|---|
| Step 1 – Create assessment | Step A – Download Excel template “Site locations” 1 st tab create assessment 2 nd tab – add industries/sites and sub-suppliers locations Load template |
| Step 2.1 – Add site to the assessment selecting the location on the map | |
| Step 2.2 – Add site to the assessment entering the site coordinates/address | |
| Step 3 – Access to the site menu | |
| Step 4 – Add sub suppliers to a created site | Step B - Download Excel template “WWTP site specific data (input)” Use one template per site Load template |
| Step 5 – Add water and WWTP site specific advanced data | |
| Step 6 – Add WWTP site-specific data | |
| Step 7 – Configure Pollution Parameters | |
| Step 8 – General Report | |
| Step 9 – Site Report | |
| Other configurations: Global Indicators, Get report in PDF, External reporting, edit assessments / sites / sub supplier, Import and export | |

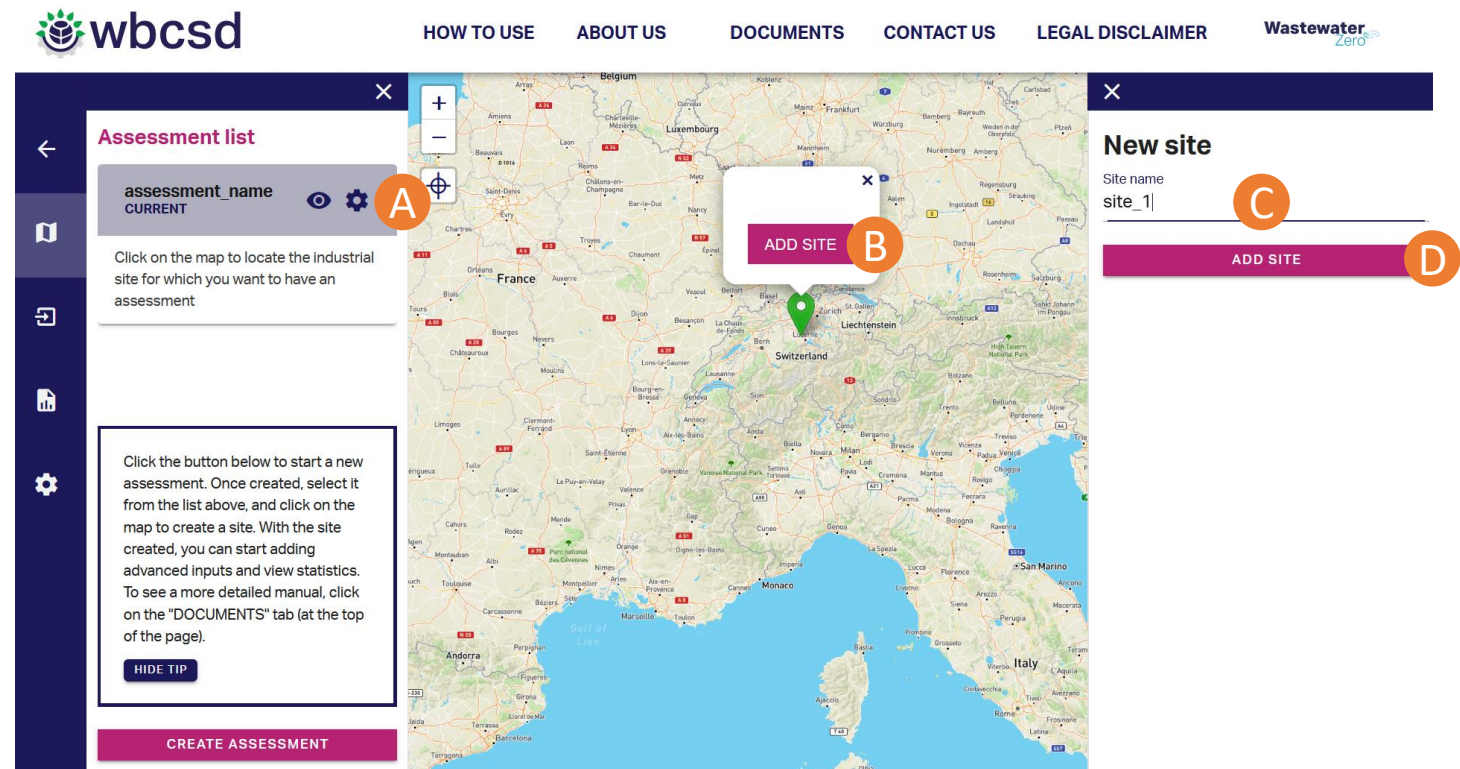
Step 1 - Create assessment

1. Select **A** to show assessment list menu
2. Select button **C**
3. Enter the assessment name in box **D**
4. Enter the beginning of assessment period in **E**
5. Enter the end of the assessment period in **F**
6. Select the button **G** to create the assessment

The screenshot displays the WBCSD Wastewater Zero web application. At the top, the navigation bar includes the WBCSD logo, a menu with 'HOW TO USE', 'ABOUT US', 'DOCUMENTS', 'CONTACT US', and 'LEGAL DISCLAIMER', and the 'Wastewater Zero' logo. The main interface is divided into three panels. On the left, a dark sidebar contains a vertical menu with icons; the first icon, representing a list, is highlighted with an orange circle labeled 'A'. The central panel, titled 'Assessment list', contains the text 'Create an assessment by clicking on the button below.' and a large map of Spain and the surrounding regions. A tip box on the map instructs users to click a button to start a new assessment, select it from a list, and then click on the map to create an industry. An orange circle labeled 'C' points to the 'CREATE ASSESSMENT' button at the bottom of this panel. The right panel, titled 'Create assessment', contains input fields for 'Assessment name' (with an orange circle 'D' pointing to the text input), 'Beginning of assessment period' (with an orange circle 'E' pointing to the date '2023-06-16'), and 'End of assessment period' (with an orange circle 'F' pointing to the date '2024-06-16'). At the bottom of this panel, an orange circle 'G' points to the 'CREATE ASSESSMENT' button.

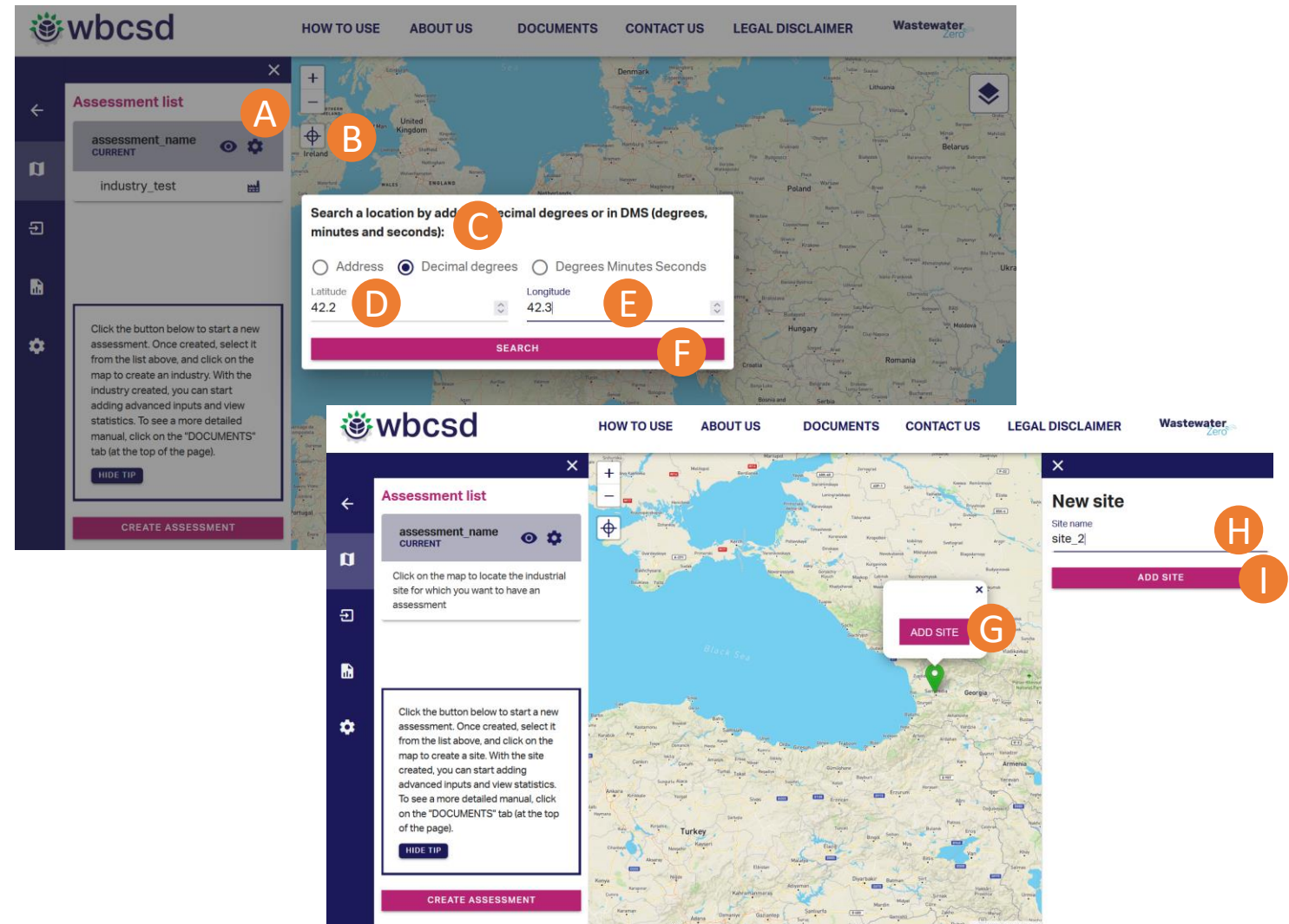
Step 2.1 - Add site to the assessment selecting the location on the map

1. Select the assessment where you want to add your sites (**A**)
2. Enter the location of the site by selecting the location directly on the map
3. Select **B**
4. Enter the site name in **C**
5. Select **D** to create this site



Step 2.2 – Add site to the assessment entering the site coordinates/address

1. Select the assessment where you want to add your sites (**A**)
2. Select **B** and add the direction/coordinates of site
3. Select **C** adding address/decimal degrees/degrees in minutes and seconds
4. Enter the site latitude in **D**
5. Enter the site longitude in **E**
6. Select **F** for searching the entered location
7. Select **G** create the site
8. Enter site name in **H**
9. Select **I** to create site



Step 3 – Access to the site menu

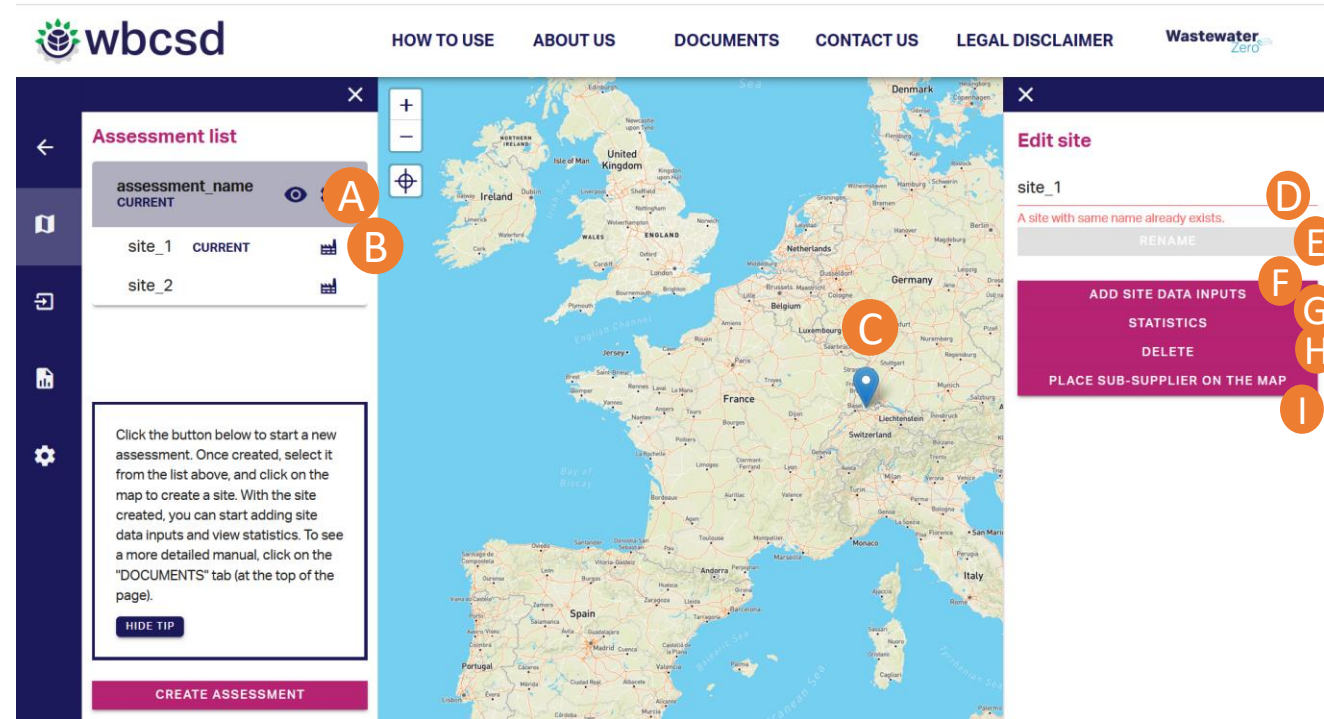
1. Select the assessment where the site is located selecting the box **A**
2. Select the site for which you want to open the menu (**B**)

OR

1. Select the marker of the site you want to open the menu (**C**)

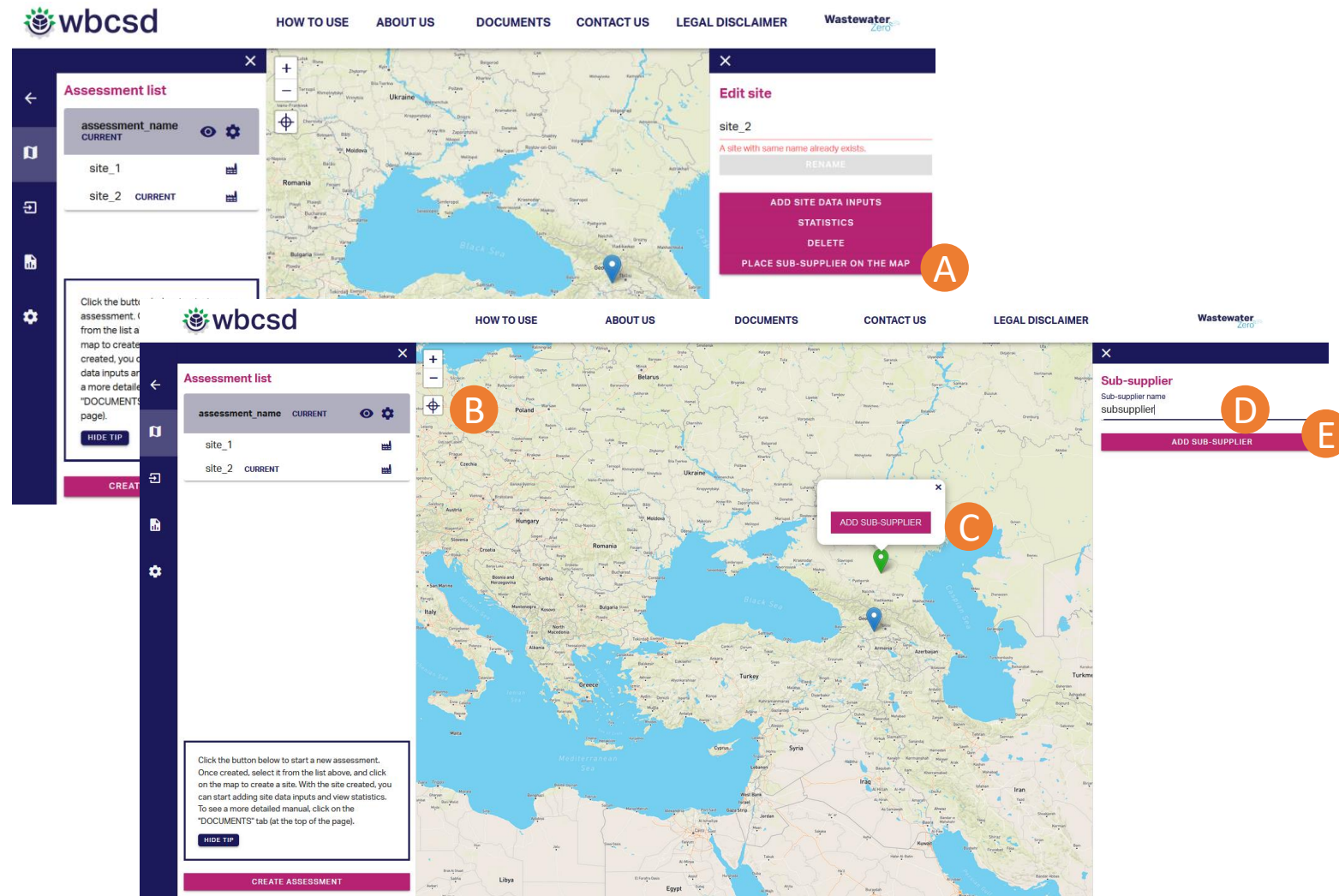
From there, you can:

- I. Enter a new name in **D**, and selecting **E** for renaming the site
- II. Add site specific data selecting **F**
- III. Access the report of the selected site selecting **G**
- IV. Delete the site, with its sub suppliers, selecting **H**
- V. Add a sub supplier to the site selecting **I**



Step 4 - Add sub suppliers to a created site

1. Access to the site menu
2. Select **A**
3. Enter the location by selecting it directly on the map or by adding location/coordinates in **B**
4. Select **C**
5. Enter the sub supplier name in **D**
6. Select **E** for creating the sub supplier



Step 5.1 – Add water and site-specific data

1. From the site menu, select 'Add site data inputs'
2. Select **A** to receive extra information on how to add data to site
3. Add site data, either selecting a value (**B**) entering it (**C**)
4. Select the level of certainty of the entered data (**D**). The level of certainty measures the reliability of your data and can be categorized as 'User data', 'Modeled', 'Estimated', or 'No data'.
5. Enter the advanced site data inputs selecting **E**
6. Press **F** to save the results (otherwise they will be lost) and add data inputs related to WWTP and directly discharge water.

Keep in mind that:

- I. Only the data inputs with an asterisk (**G**) are mandatory
- II. Select **H** if you want to apply the estimation proposed by the tool
- III. Select **I** to get extra information on the data input
- IV. The button **F** will be disabled until you enter all the mandatory inputs

site_1 ⓘ **A**

1 Water withdrawal and site 2 On-site WWTP 3 Direct discharge 4 Offsite WWTP

Site withdrawal water quantity (surface water only) ⓘ* **G** 3 **B** ⇅ m3/day Level of certainty **User data** ▼

Site withdrawal water quantity (groundwater only) 0 ⇅ m3/day Level of certainty **No data** ▼ **D**

All other external sources of water from the same watershed from which the water was withdrawn ⓘ **H** 0 ⇅ m3/day Level of certainty **No data** ▼ **I**

All other external sources of water from different watersheds from where the water was withdrawn ⓘ 0 ⇅ m3/day Level of certainty **No data** ▼

Has the site an on-site wastewater pre-treatment or treatment plant? * Select **No** ▼ **C**

SHOW ADVANCED DATA INPUTS **E** ▼

SAVE AND CONTINUE **F**

Step 5.2 – Add water and site-specific advanced data

1. To hide/show advanced data inputs, select **A**
2. To apply an estimation calculated by the tool, select **B**

SHOW ADVANCED DATA INPUTS **A**

| | | | |
|--|---|------|---------------------------------|
| Site withdrawal water COD concentration (surface water only) ⓘ ESTIMATION: 9.665E-1 B | 0 | g/m3 | Level of certainty No data ▼ |
| Site withdrawal water TN concentration (surface water only) ⓘ ESTIMATION: 1.470E+1 | 0 | g/m3 | Level of certainty No data ▼ |
| Site withdrawal water TP concentration (surface water only) ⓘ | 0 | g/m3 | Level of certainty No data ▼ |

SAVE AND CONTINUE

Step 6.1 – Add WWTP site-specific data

- After providing all your site data requested on the tab, selecting **E** will save your data and you will be redirected to the appropriate tab depending on your data.
- After completing all the tabs, you will be redirected to the site report page.
- You can switch between the tabs by selecting **A**, **B**, **C** and **D**

1 Water withdrawal and industry **A**

2 On-site WWTP **B**

3 Direct discharge **C**

4 Offsite WWTP **D**

Type of wastewater treatment

Select
Untreated systems

Volume of water treated in the WWTP every day ⓘ*

1

m3/day

Level of certainty
User data

Volume of water discharged to water body every day *

ESTIMATION: 0.000E+0

1

m3/day

Level of certainty
Estimated

Volume of water reused/recycled on the WWTP every day

ESTIMATION: 0.000E+0

1

m3/day

Level of certainty
Modeled

Volume of water from the WWTP also treated in an off-site WWTP every day

ESTIMATION: -1.000E+0

0

m3/day

Level of certainty
No data

SHOW ADVANCED INPUTS

SAVE AND CONTINUE **E**

Step 6.2 – Add WWTP site-specific data

1. To hide/show the advanced data inputs, select **A**
2. To hide/show the requested data inside each category, select **B**

1 Water withdrawal and site 2 On-site WWTP 3 Direct discharge 4 Offsite WWTP

SHOW ADVANCED DATA INPUTS **A**

Effluent pollution

Fuel engines

Biogas produced from anaerobic digestion

Fuel used in water reuse trucks

Sludge

SHOW ADVANCED DATA INPUTS **E**

Effluent pollution

Concentration of COD in the WWTP effluent ⓘ 0 g/m3 Level of certainty No data

Concentration of TN in the WWTP effluent ⓘ 0 g/m3 Level of certainty No data

Concentration of TP in the WWTP effluent ⓘ 0 g/m3 Level of certainty No data

Step 7 – Configure Pollution Parameters

→

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⚙️

A

Parameter configuration

For some factors WIAT has a default value assigned based on the literature (for example, for converting a pollutant to Toxic Units), but if you add more contaminants to work with in WIAT, you will have to add these values yourself. For some factors WIAT has a default value assigned based on the literature (for example, for converting a pollutant to Toxic Units), but if you add more contaminants to work with in WIAT, you will have to add these values yourself. **If a value is not set it will be considered as 0.**

Search B

| Pollutant | Environmental Quality Standards (mg/L) ⓘ | EC50 (µg/L) ⓘ | Edit |
|--------------------|--|---------------|------|
| 1,2-Dichloroethane | 0.01 | 150000 | |
| pollutant_test | | | C |

Editing: pollutant_test

EQS D

EC50 E

SAVE F

When adding new pollutants not added by default by the WIAT tool, users should add conversion factors for EQS and TU for these additional pollutants. Although not recommended, user can modify existing EQS and TU.

1. Select **A**
2. Enter the name of the pollutant to edit in **B**
3. Select **C**
4. Enter the conversion factors for working with the EQS (**D**) and (**E**)
5. Select **F** for saving the new values

Step 8 – General Report

| Name | Country | Number of sub-suppliers | Impact of industrial wastewater on water quality | Impact of industrial wastewater on water availability | GHG emissions from wastewater treatment | Overall water risk ⓘ |
|-------|---------|-------------------------|--|---|---|----------------------|
| site1 | ROU | 0 | Very high impact | Very high impact | 7.40e+2 | 1.676 |
| site2 | ITA | 0 | Low impact | Very high impact | 8.98e+1 | 2.032 |
| site3 | FRA | 0 | High impact | Very high impact | 2.48e+0 | 1.011 |
| site4 | IND | 0 | Very high impact | Low impact | 9.64e+0 | 3.821 |

1. Access to your general report by selecting **A**
2. From here, you have several options:
 - I. Display summary of the change in the state of nature caused by the sites included in the selected assessment (**B**). Selecting each row (**H**) will allow the user to access to each site report
 - II. Show external reporting (**C**)
 - III. Select site for modifying its data inputs (**D**)
 - IV. Show global indicators of the sites and its sub suppliers (**E**)
 - V. Export the report in PDF (**F**)
 - VI. Select another assessment (**G**)

Step 9.1 – Site report

- A. Select to show impact and levers for action data
- B. Select to show context data for the site
- C. Switch between indicators related to water quality, water availability or GHG emissions
- D. Select to open/display impact indicators
- E. Select to open/display 'levers for action' indicators
- F. Selected indicators
- G. Global layers related to selected indicators
- H. Information on the indicator

IMPACT AND LEVERS FOR ACTION **A** CONTEXT **B**

Water quality **C**

Change in the state of Nature **D**

- Increase in toxic units in the receiving water body after discharge **H**
- Increase of the concentration of the pollutants in the receiving water body after discharge (with respect to EQS) **H**
- Eutrophication potential **H**
- Increase in temperature in the receiving water body due site discharge **H**

Levers for action **E**

Water availability **C**

Change in the state of Nature

Levers for action

GHG emissions from wastewater treatment **C**

site1: evaluation of impacts of industrial wastewater

| | site1 | Unit | Data Type |
|---|---------|--------|-------------------|
| Dilution factor ⓘ | 1.92e+4 | - | Insufficient data |
| Consumption available ratio ⓘ | -0.00 | % | Insufficient data |
| Consumptive use from different watersheds ⓘ | 100 | m3/day | User data |
| Groundwater withdrawals (only in areas with GW decline) ⓘ | 0.00e+0 | m3/day | Insufficient data |

Context Table

| Indicator | Baseline | Future | Units |
|-------------------------|----------|----------|-------|
| Seasonal variability | 2.667e-1 | 4.830e-1 | |
| Interannual variability | 3.404e-1 | - | |
| Water stress | 9.446 | 27.757 | % |
| Water depletion | 3.095 | - | % |
| Aridity index | 6.630e-1 | - | |

Step 9.2- Site report

Impact indicators

- A. Select to open impact indicators
- B. Display impact indicator
- C. Select to switch between chart or tabular format
- D. Button to show additional information
- E. Information displayed when clicked the information button

IMPACT AND LEVERS FOR ACTION

CONTEXT

Water quality

A

Change in the state of Nature

B

Increase in toxic units in the receiving water body after discharge

i

B

Increase of the concentration of the pollutants in the receiving water body after discharge (with respect to EQS)

i

B

Eutrophication potential

i

B

Increase in temperature in the receiving water body due industry discharge

i

Lever for action

Water availability

Change in the state of Nature

Lever for action

Ind1: evaluation of impacts of industrial wastewater

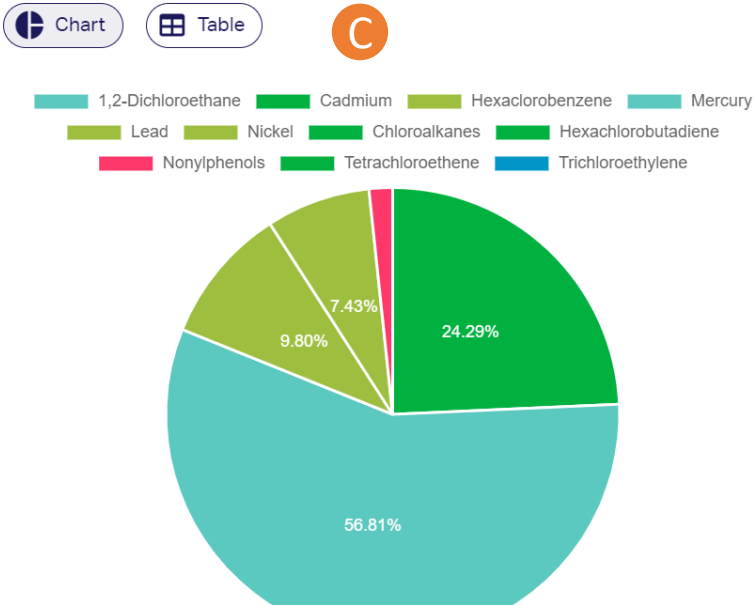
Chart

Table

C

| | Ind1 | Unit | Data type |
|---------------------------------|---------|--------|-------------------|
| Total | 2.24e-4 | TU/day | |
| 1,2-Dichloroethane <div>i</div> | 0.000 | TU/day | Insufficient data |
| Cadmium <div>i</div> | 5.43e-5 | TU/day | Estimated |
| Hexachlorobenzene <div>i</div> | 0.000 | TU/day | Insufficient data |
| Mercury <div>i</div> | 1.27e-4 | TU/day | Estimated |
| Lead <div>i</div> | 2.19e-5 | TU/day | Estimated |
| Nickel <div>i</div> | 1.66e-5 | TU/day | Estimated |

Ind1: evaluation of impacts of industrial wastewater



Ecotoxicity profile for 1,2-Dichloroethane

E

$$\frac{\sum_{i \in DP} 1,2 - Dichloroethane_{effl_i}}{W_a - W_w + \sum_{i \in DP} W_{effl_i}} \cdot \frac{1}{EC50_{1,2 - Dichloroethane}} \cdot 1000$$

- Where:
- DP : onsite and external WWTP's, and directly discharged water
 - $1,2 - Dichloroethane_{effl}$: load of 1,2-Dichloroethane of water discharged to the same water body from which it was withdrawn
 - W_{effl} : Amount of water discharged into the same watershed from which it was withdrawn
 - $EC50_{1,2 - Dichloroethane}$: 150000 $\mu g/L$
 - W_a : amount of water available in the river (streamflow global indicator)
 - W_w : amount of water withdrawn from the river

Step 9.3 – Site report Levers for action

- A. Hide/Show 'levers for action' indicators
- B. Display indicator
- C. Selected indicator
- D. Global layers related to selected indicator

IMPACT AND LEVERS FOR ACTION

CONTEXT

Water quality

Change in the state of Nature

Increase in toxic units in the receiving water body after discharge

Increase of the concentration of the pollutants in the receiving water body after discharge (with respect to EQS)

Eutrophication potential

Increase in temperature in the receiving water body due site discharge

Levers for action

Percentage of treatment efficiency (compared to WWTP influent)

Percentage of treatment efficiency (compared to intake water)

Treated water factor

Concentration of pollutants in the site effluent

Concentration of pollutants in the receiving water body

site1: evaluation of impacts of industrial wastewater

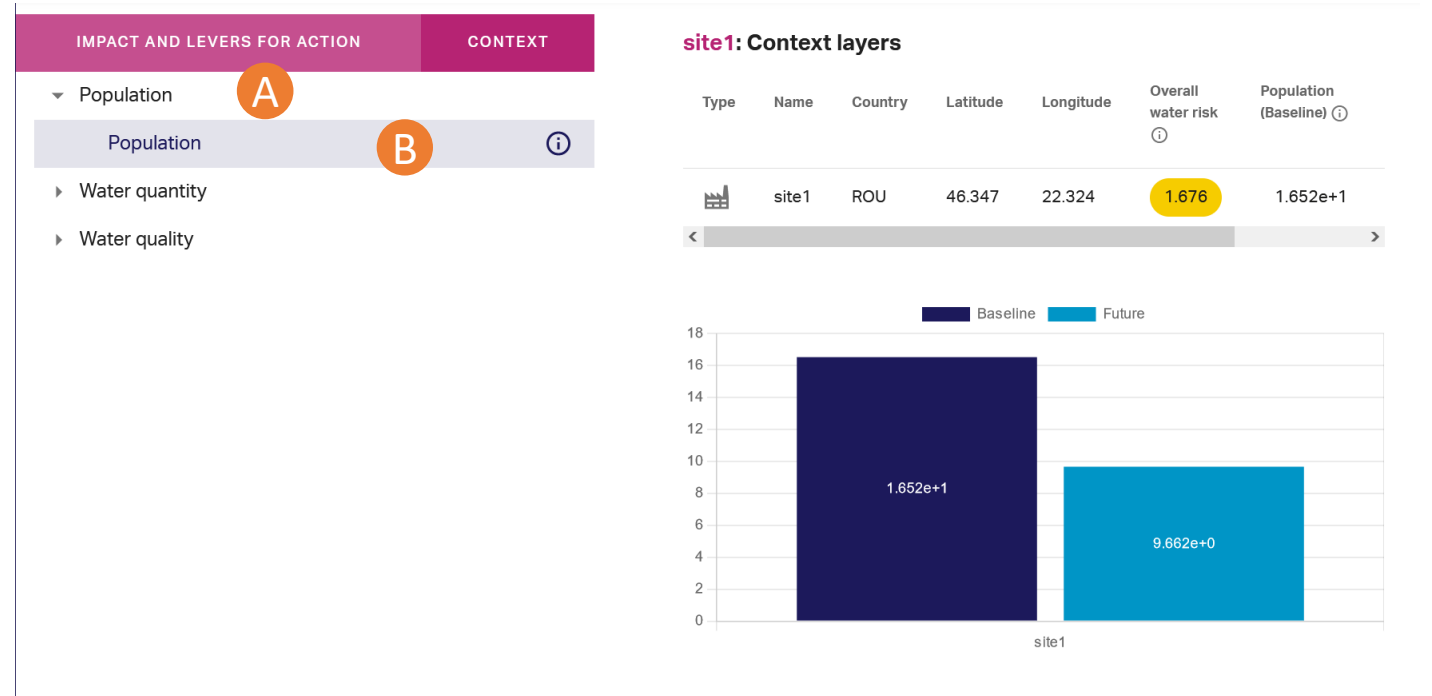
| | site1 | Unit | Data Type |
|------------------------|-------|------|-------------|
| Treated water factor ⓘ | 45.45 | % | User data ⓘ |

Context Table

| Indicator | Baseline | Future | Units |
|----------------------------------|----------|----------|------------------------|
| Coastal Eutrophication Potential | 3.719e+0 | - | kgC-equivalent/km2/day |
| Unimproved/No Drinking Water | 0.029 | - | % |
| Unimproved/No Sanitation | 12.541 | - | % |
| BOD | 2.167e+0 | - | mg/L |
| Nitrates | 6.827e-1 | - | mg/L |
| Streamflow | 2.442e+1 | 2.419e+1 | m3/seconds |

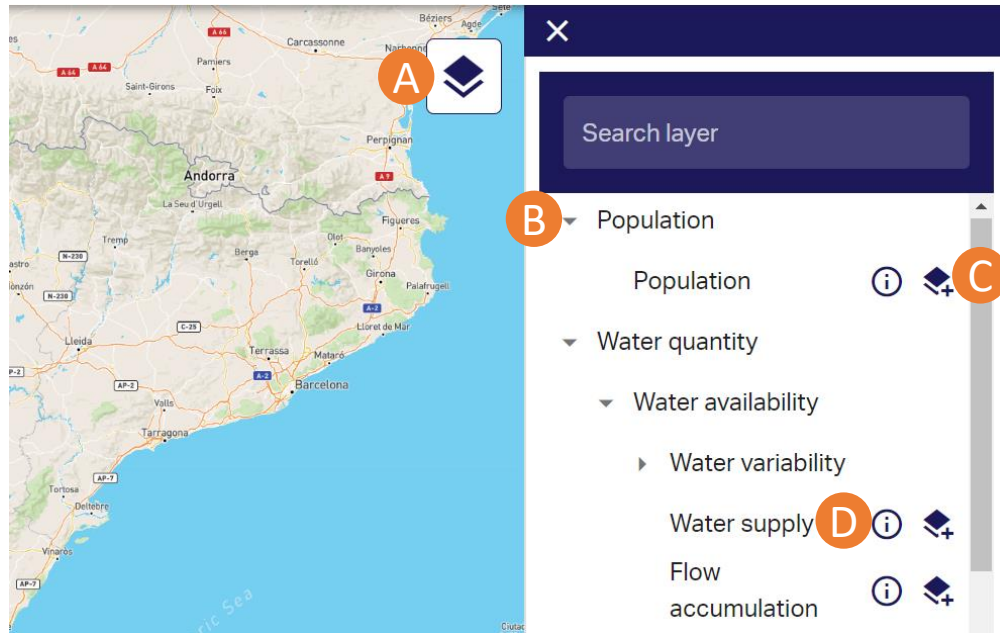
Step 9.4 – Site report Context

- A. Hide/Show groups of global layers
- B. Apply global layers

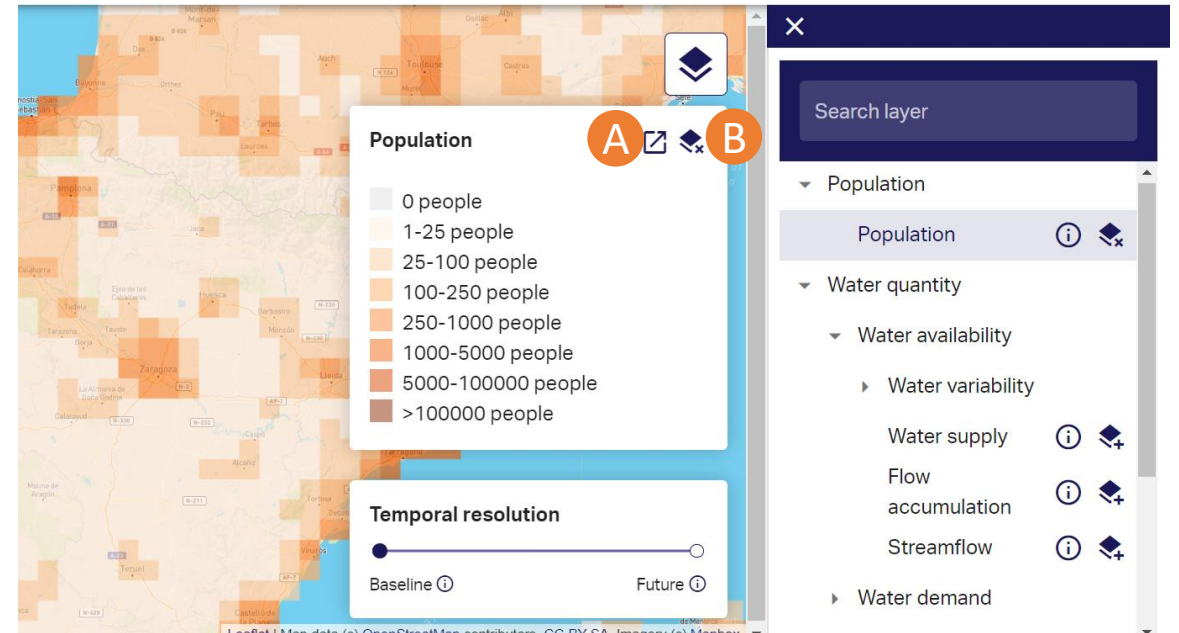


Global contextual indicators

Clicking on the global indicators icon (A) Will open a new tab on the right side of the page



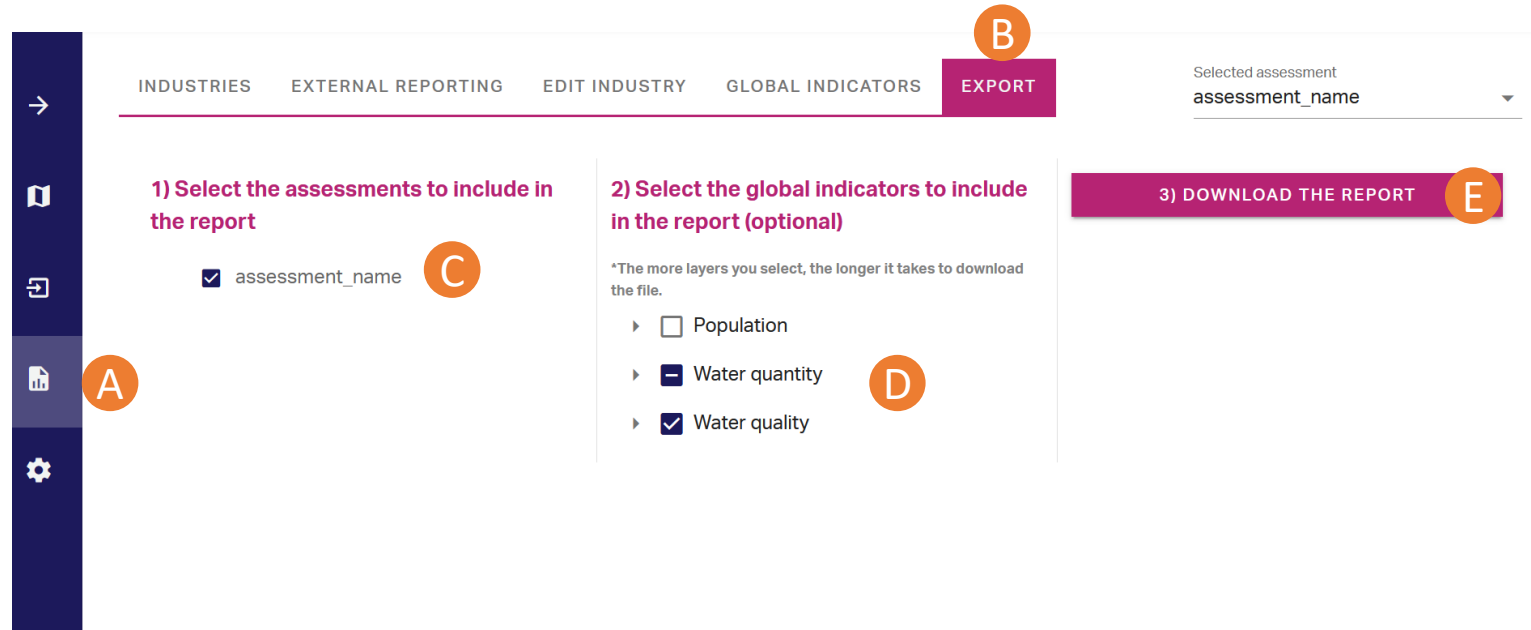
- A. Global indicator icon, click to open/close the indicators tab
- B. Button to display or minimize the different groups inside the indicator
- C. Button to add the global indicator layer on the map
- D. Button (i) displays the information tab on the indicator



- A. Button to go to the source of the information displayed
- B. Button to remove the indicator

Get report in PDF

- A. Select 'Report' button
- B. Select 'Export' tab
- C. Select the assessments you want to include in the report
- D. Select to global indicators you want to include in the report
- E. Select the button to download PDF



External reporting

- A. Select 'Report' button
- B. Select 'External reporting' tab
- C. Select the frameworks you wish to see

The screenshot shows the 'EXTERNAL REPORTING' tab selected in the top navigation bar. A sidebar on the left contains icons for navigation, with a 'Report' icon (A) highlighted. The main content area is titled 'Linking to ESG reporting frameworks' and includes a message: 'Select ESG reporting frameworks. More frameworks and responses will be added soon!'. Below this, there are two buttons: 'CDP' and 'GRI', both with checkmarks. A third button, 'C', is highlighted with an orange circle. Below the buttons, there is a section titled 'W1.2 Across all your operations, what proportion of the following water aspects are regularly measured and monitored?'. Under this section, there is a sub-section 'W1.2B What are the total volumes of water withdrawn, discharged, and consumed across all your operations'. This sub-section contains a table with two columns: 'Water aspect' and 'Volume (megaliters/year)'. The table has three rows: 'Total withdrawals', 'Total discharges', and 'Total consumption', all with a value of '0.00e+0'. Below the table, there are four bullet points: 'W1.2D Indicate whether water is withdrawn from areas with water stress and provide the proportion', 'W1.2H Provide total water withdrawal data by source', 'W1.2I Provide total water discharge data by destination', and 'W1.2J Within your direct operations, indicate the highest level(s) to which you treat your discharge'.

INDUSTRIES **EXTERNAL REPORTING** EDIT INDUSTRY GLOBAL INDICATORS EXPORT

Selected assessment
assessment_name

Linking to ESG reporting frameworks

Select ESG reporting frameworks. More frameworks and responses will be added soon!

✓ CDP ✓ GRI **C**

▼ **W1.2** Across all your operations, what proportion of the following water aspects are regularly measured and monitored?

▼ **W1.2B** What are the total volumes of water withdrawn, discharged, and consumed across all your operations

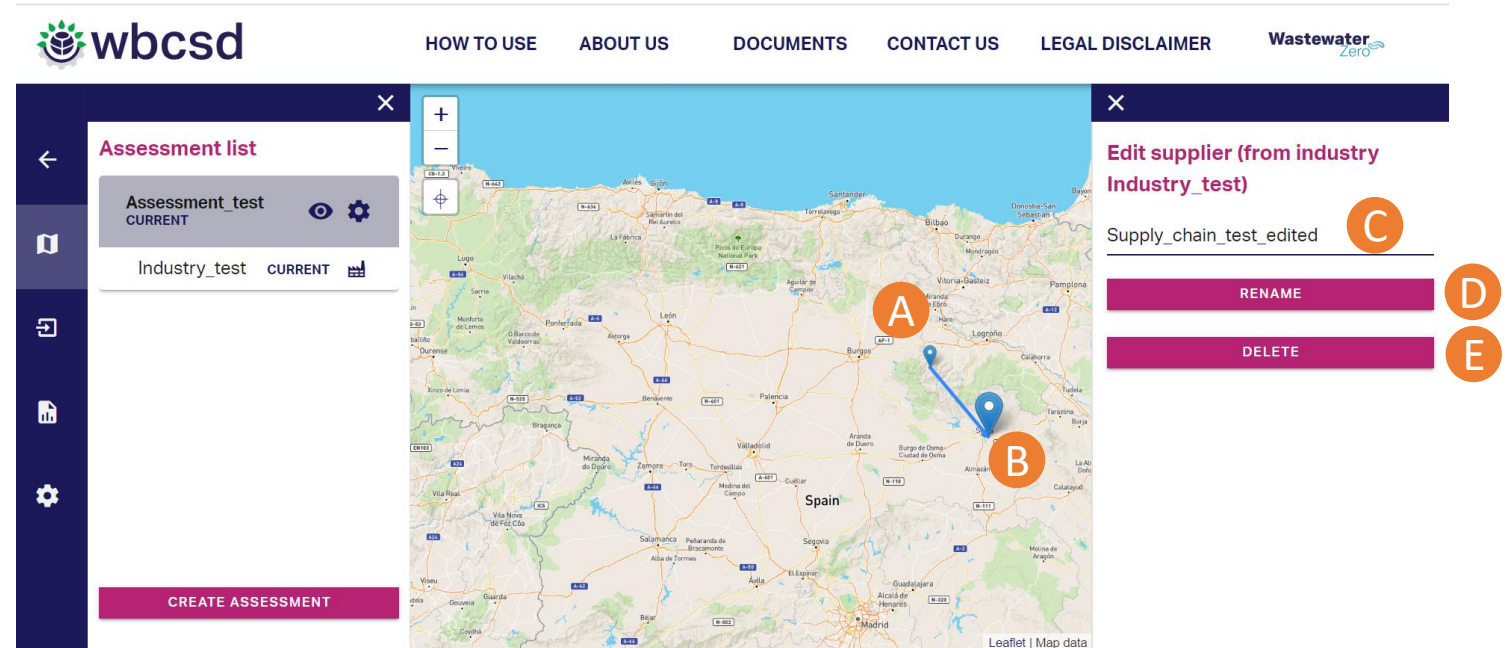
| Water aspect | Volume (megaliters/year) |
|---------------------|--------------------------|
| Total withdrawals ⓘ | 0.00e+0 |
| Total discharges ⓘ | 0.00e+0 |
| Total consumption ⓘ | 0.00e+0 |

- ▶ **W1.2D** Indicate whether water is withdrawn from areas with water stress and provide the proportion
- ▶ **W1.2H** Provide total water withdrawal data by source
- ▶ **W1.2I** Provide total water discharge data by destination
- ▶ **W1.2J** Within your direct operations, indicate the highest level(s) to which you treat your discharge

Edit assessments, sites and sub suppliers

To edit an assessment, site or sub supplier user must select it (either from the assessment list menu or selecting it on the map). The following is the specific case of a sub supplier:

- A. Sub supplier we want to edit
- B. Site to which the sub supplier is associated
- C. Name of the sub supplier (enter a new one to modify it)
- D. Press to save the new name
- E. Delete the sub supply



Import/export

1. Selecting button **A**, you can:
 - I. Importing a previously stored version (**B**)
 - II. Download the current session in a JSON file (**C**)
 - III. Create assessments and site locations - **Step A** – **Download Excel template “Site locations-**, as well as add site data inputs -**Step B** - **Download Excel template “water and WWTP site specific data (input)”** – using Excel files (**D**)
 - IV. Modify custom impact thresholds (**F**)

The screenshot shows a software interface with a dark blue sidebar on the left containing icons for navigation, a document, a folder, and a gear. The main content area has a light gray background and contains three sections:

- Load and save file**: This section contains two panels. The left panel, titled 'Import session', has a radio button for 'Replace' (selected) and a link icon for 'Append'. It also features a 'File input' field with a paperclip icon. An orange circle with the letter 'B' is next to the 'Replace' option. The right panel, titled 'Export session', has a 'File name' field with 'Untitled file' and a 'SAVE SESSION' button with a cloud upload icon. An orange circle with the letter 'C' is next to the 'Export session' title.
- Load from Excel file**: This section has a dropdown menu for 'Excel type' with 'Industry locations' selected. It includes a '1)' label, a '2)' label next to a 'DOWNLOAD TEMPLATE' button, and a '3)' label next to the text 'Fill out excel file'. Below this is a '4)' label next to an 'Import template' field with a paperclip icon. An orange circle with the letter 'D' is next to the 'Import template' field.
- Upload custom risk thresholds**: This section has a '1)' label next to a 'DOWNLOAD TEMPLATE' button, a '2)' label next to the text 'Fill out Excel file', and a '3)' label next to an 'Import template' field with a paperclip icon. An orange circle with the letter 'F' is next to the 'DOWNLOAD TEMPLATE' button.

Annotations A, B, C, D, and F are marked with orange circles. Annotation 'A' is on the folder icon in the sidebar. Annotation 'B' is on the 'Replace' radio button. Annotation 'C' is on the 'Export session' title. Annotation 'D' is on the 'Import template' field. Annotation 'F' is on the 'DOWNLOAD TEMPLATE' button in the 'Upload custom risk thresholds' section.

Step A – Download Excel template “Site locations”

For creating assessments and
locating sites using Excel files:

1. Go to import/export **(A)**
2. Select site locations **(B)**
3. Select “Download template” **(C)**
4. Fill out the excel template. In the first tab, add the information related to the assessment **(E)**, and in the second, information related to the sites **(F)**
5. Upload the template in **D**

→

📖

A


🔍

⚙️

Load and save file


Import session

☒ Replace ⓘ
 ☐ Append ⓘ

 File input

Export session


File name
Untitled file

SAVE SESSION 


Load from Excel file ⓘ

Excel type


1) Industry locations **B**

2) **DOWNLOAD TEMPLATE**  **C**


3) Fill out excel file

4)  Import template **D**

Upload custom risk thresholds ⓘ

1) **DOWNLOAD TEMPLATE** 

2) Fill out Excel file

3)  Import template

| | A | B | C | D | E |
|----|-------------------|-----------|-----|---|--|
| 1 | ASSESSMENT | | | | |
| 2 | Assessment period | | | | |
| 3 | Name | Beginning | End | | |
| 4 | | | | | INSTRUCTIONS: |
| 5 | | | | | Add the assessments you want to add to the tool on the first sheet. If the name of any assessment coincides with an existing one, the latter (along with its industries) will be deleted. |
| 6 | | | | | In the industries tab, define the industries you want to add, together with the assessment to which it belongs. This assessment does not have to be defined in the assessment sheet, it can be previously defined in the web tool. |
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[illegible]

Step B - Download Excel template “WWTP site specific data (input)”

For locating new sites into already created assessments, alongside with its site data inputs:

1. Go to import/export (A)
2. Select “Advanced inputs”(B)
3. Select “Download template” (C)
4. Fill out the excel template (E). In the first tab, fill out the information related to the site, and in the following tabs (if needed), add the data related to onsite WWTP, Directly discharge water and external WWTP.
5. Upload the template in D

→
📁
📄
🔧

Load and save file

Import session
☒ Replace ⓘ ☐ Append ⓘ

Export session
 File name
 Untitled file SAVE SESSION

Load from Excel file ⓘ

Excel type
 1) Advanced inputs B

2) DOWNLOAD TEMPLATE C

3) Fill out excel file

4) D

Upload custom risk thresholds ⓘ

1) DOWNLOAD TEMPLATE

2) Fill out Excel file

3)

| | Assessment name | Units | Explanation / Instructions | Value | Level of certainty |
|----|---------------------|---|---|-------|--------------------|
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| 6 | | | | | |
| 7 | INDUSTRY DEFINITION | Suppliers | Add as many suppliers (Name, Latitude, Longitude) as needed to the right (ignore level of certainty) | | |
| 8 | | Industry withdrawal water quantity (surface water only) | The quantity entered here is the quantity withdrawn from the river (raw intake water) | | |
| 9 | | Industry withdrawal water quantity (groundwater only) | | | |
| 10 | | All other external sources of water from the same watershed from which the water was withdrawn | Quantity of water withdrawn from other sources (e.g. recycled water from a third party, drinking water purchased from the municipality, etc.) from the same watershed from which the water was withdrawn | | |
| 11 | | All other external sources of water from different watershed from which the water was withdrawn | Quantity of water withdrawn from other sources (e.g. recycled water from a third party, drinking water purchased from the municipality, etc.) from different watershed from which the water was withdrawn | | |
| 12 | | Has the industry an on-site wastewater pre-treatment or treatment plant? | Select from dropdown menu. | No | |

INDUSTRY

ONSITE WWTP

DIRECT DISCHARGE

EXTERNAL WWTP

WIAT TEMPLATE -- INSTRUCTIONS

Fill in only the desired fields (unless mandatory) from the template and upload the file to the WIAT tool. If a field is left blank, the default value will be 0.

E

A cell like this indicates that the **level of certainty is not needed**

Level of certainty:
 0 -> No data (insufficient data)
 1 -> Estimated (data estimated based on similar industries and/or professional experience)
 2 -> Modeled (data that you have extracted from a scientific model. It would typically be more accurate than estimated data, and less accurate than measured data)
 3 -> User data (measured)