

# User guide

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



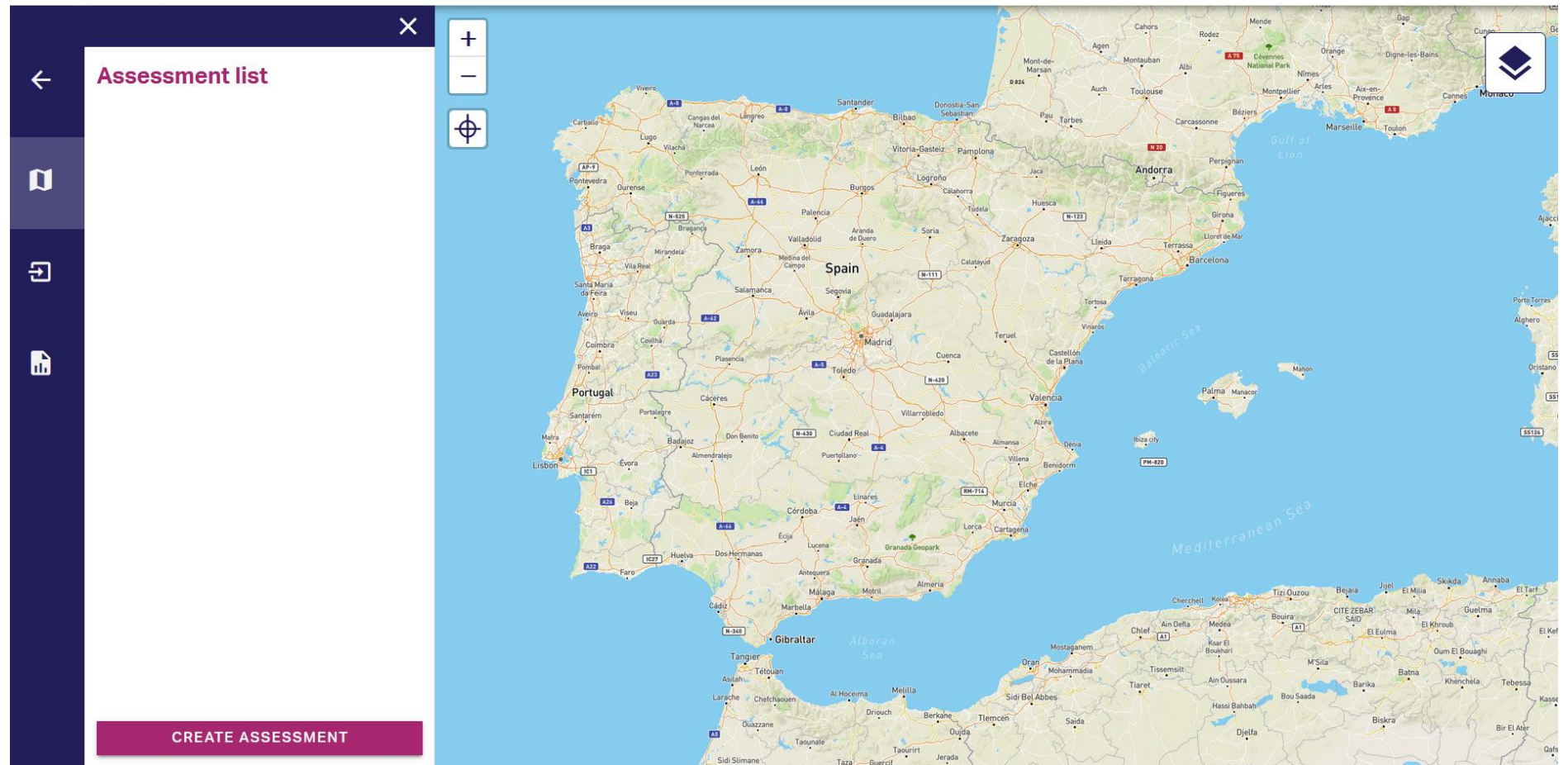
[HOW TO USE](#)

[ABOUT US](#)

[DOCUMENTS](#)

[CONTACT US](#)

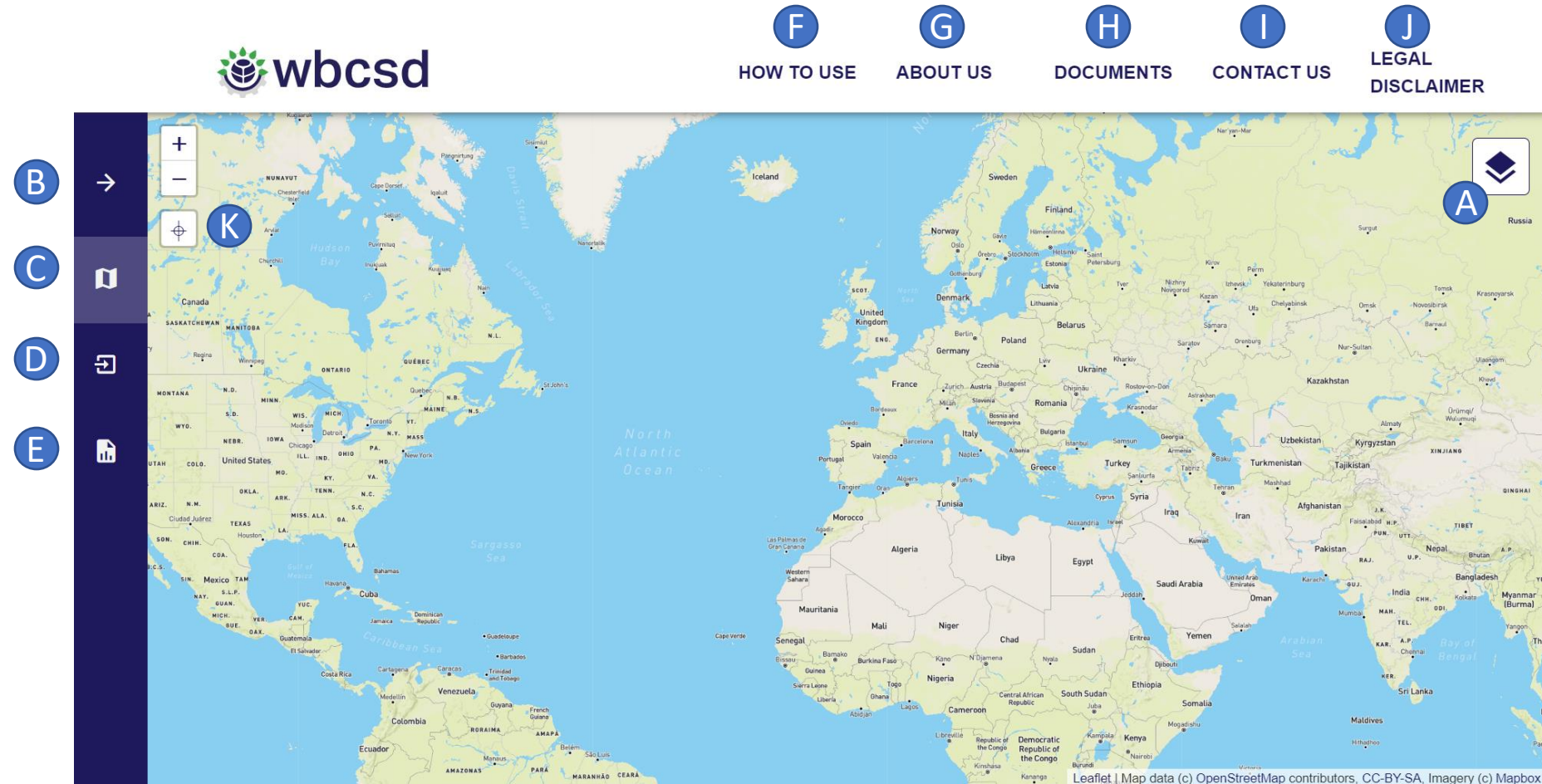
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# Map interface

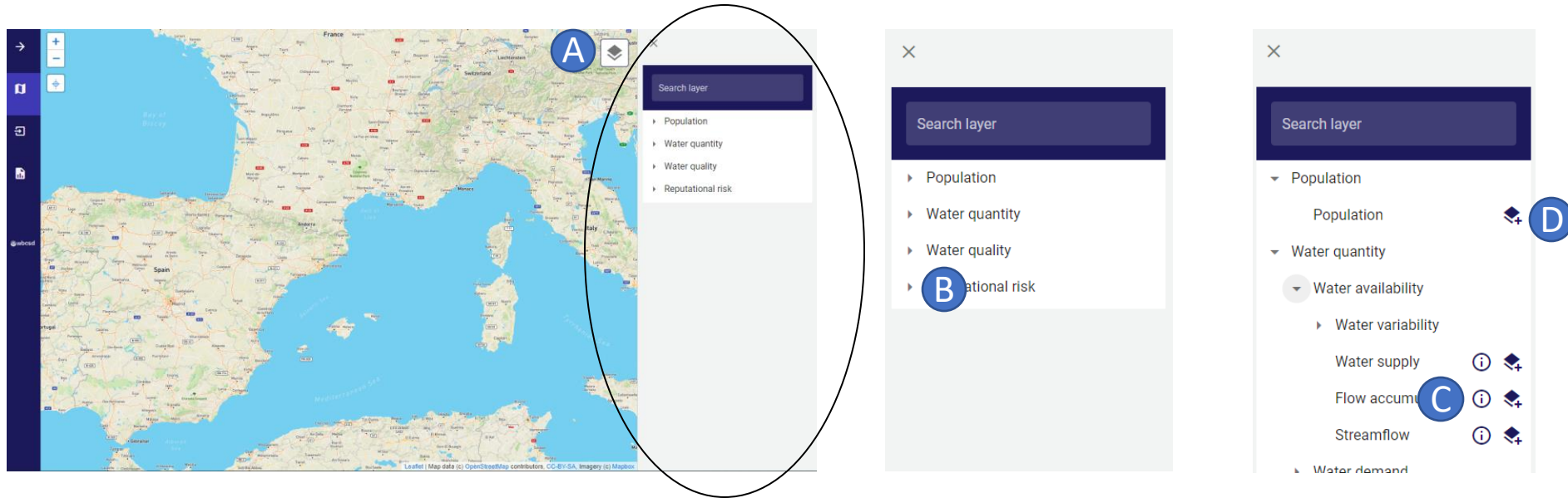
This is the home page of WIAT, in it you can see the elements of the project and all the global indicators.

- A. Global indicators.
- B. Create assessment tab.
- C. Map of the tool.
- D. Load and save file.
- E. Report.
- F. How to use
- G. About us
- H. Documents
- I. Contact us
- J. Legal disclaimer
- K. Search location by address, decimal degree or in DMS



# Global indicators

Clicking on the global indicators icon will open the following tab on the right side of the page.

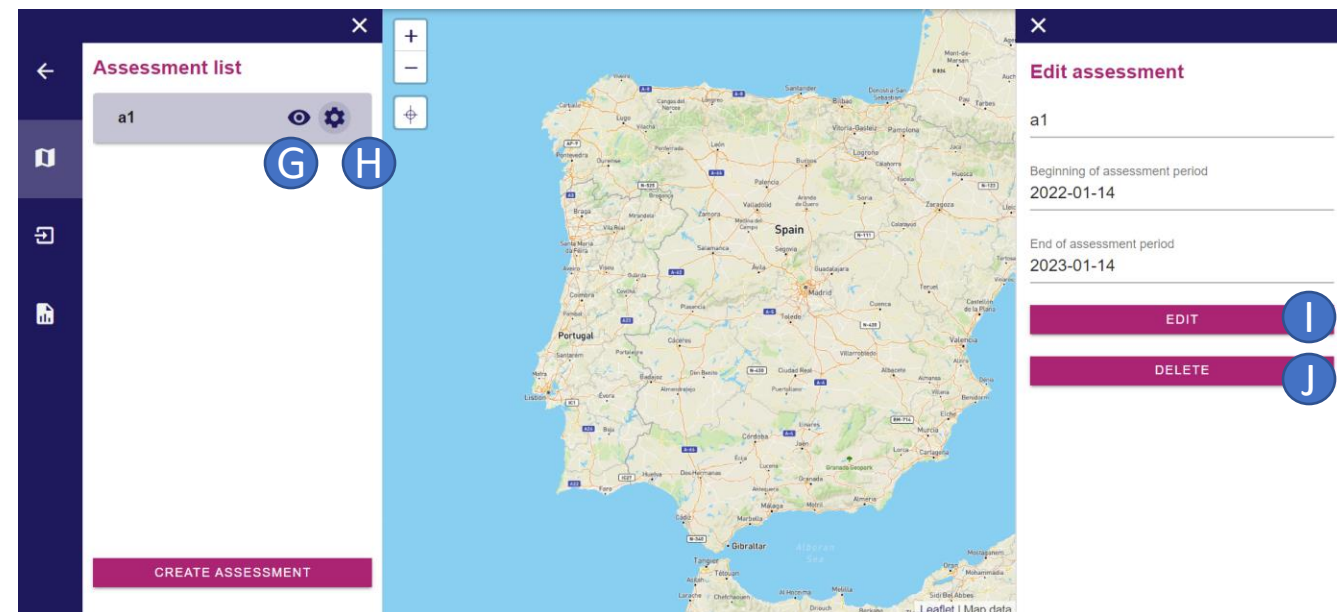
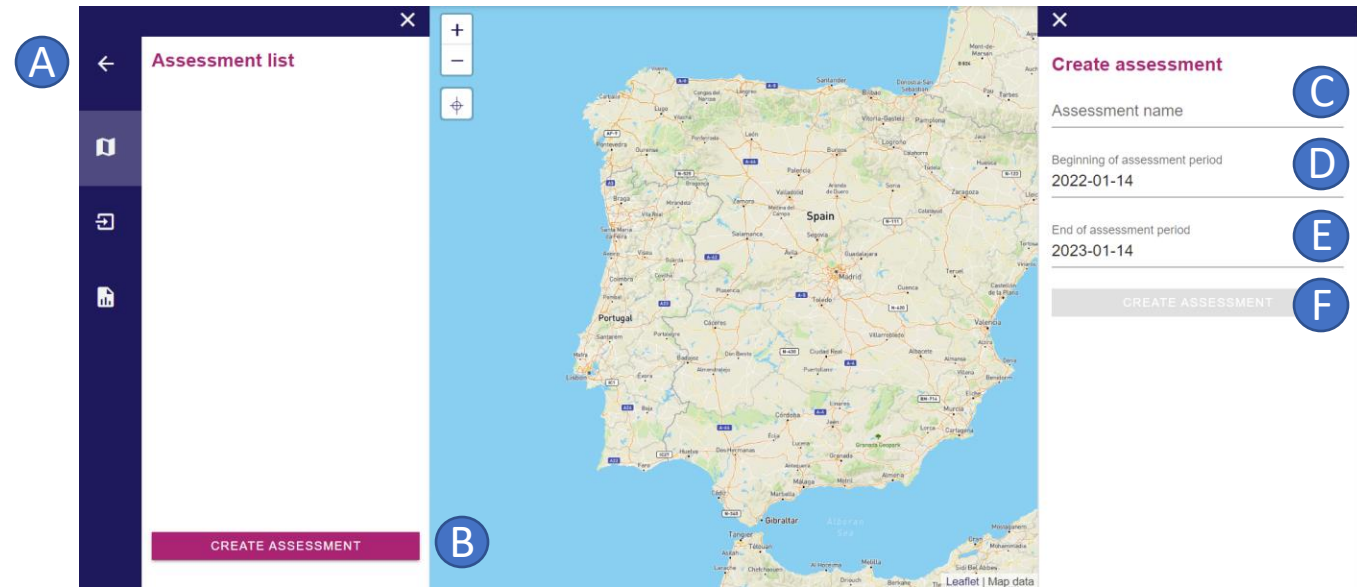


- A. Global indicators icon, open/close the indicator tab.
- B. Button to display or minimize the different global indicators classified in different groups and subgroups.
- C. Button to display the information tab on the layer.
- D. Button to add the global indicator layer.



# Create assessment

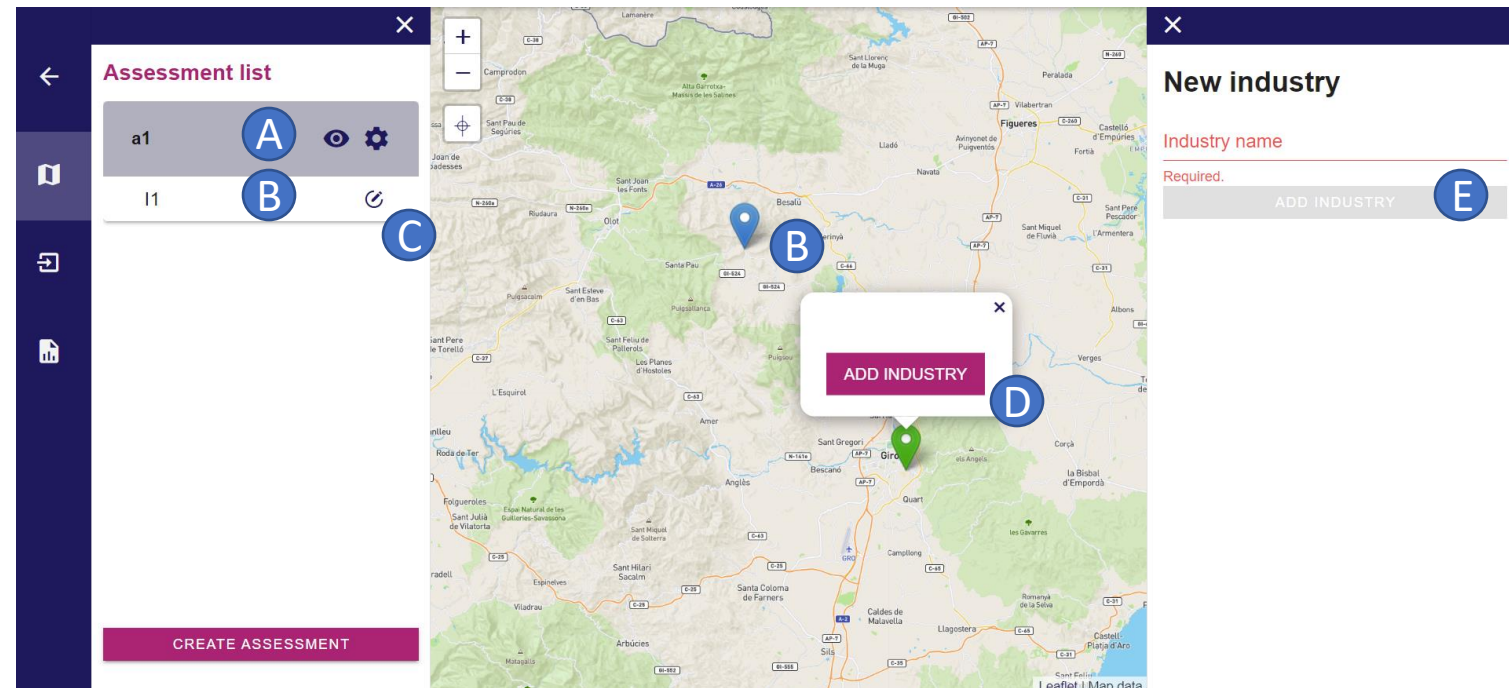
- A. Open/close menu/assessment list tab.
- B. Button to display the window on the right side of the screen.
- C. Space to write the assessment name
- D. Beginning of assessment period, clicking on the date will display a calendar to select the date.
- E. End of the assessment period, clicking on the date will display a calendar to select the date.
- F. Create assessment button.
- G. Hide/Show industries of the assessment
- H. Button to display the edit assessment window on the right side of the screen.
- I. Button to save the assessment changes (name and dates).
- J. Button to delete the assessment created.



# Create assessment

By clicking on any of the map after clicking in the assessment you are working with, an icon will appear indicating the position and a "add industry" tab will appear.

- A. Name of the assessment you are working on.
- B. Industry already created with the name of industry 1 and its location marked on the map.
- C. Edit industry icon.
- D. Add industry icon, it appears once you have marked on the map where you want to locate an industry.
- E. Add industry button once you write the industry name.



# Edit industry icon

- A. Industry icon, brings up the edit industry tab on the right side of the screen.
- B. Advanced inputs, for selected industry.
- C. Delete selected industry.
- D. Place supply chain on the map.
- E. Add supply chain industry button.
- F. Supply chain industry already created, its position and "main product" industry.
- G. Add supply chain industry button once you write the name.

The image displays four screenshots of a mobile application interface, likely for managing industries and supply chains. The interface features a dark blue sidebar with navigation icons, a main map area, and several panels.

**Top Left Screenshot:** Shows the 'Assessment list' panel. It contains a table with columns for assessment ID, industry, and actions. The table lists two assessments: 'a1' and 'I1'. The 'I1' row is highlighted, and a blue pin icon (labeled 'A') is visible next to it. A 'CREATE ASSESSMENT' button is at the bottom.

**Top Right Screenshot:** Shows the 'Edit industry' panel. It has a text input field for the industry name, a 'RENAME' button, and a 'DELETE' button. A 'PLACE SUPPLY CHAIN ON THE MAP' button is also present.

**Bottom Left Screenshot:** Shows the 'Assessment list' panel. It contains a table with columns for assessment ID, industry, and actions. The table lists two assessments: 'a1' and 'I1'. The 'I1' row is highlighted, and a blue pin icon (labeled 'A') is visible next to it. A 'CREATE ASSESSMENT' button is at the bottom.

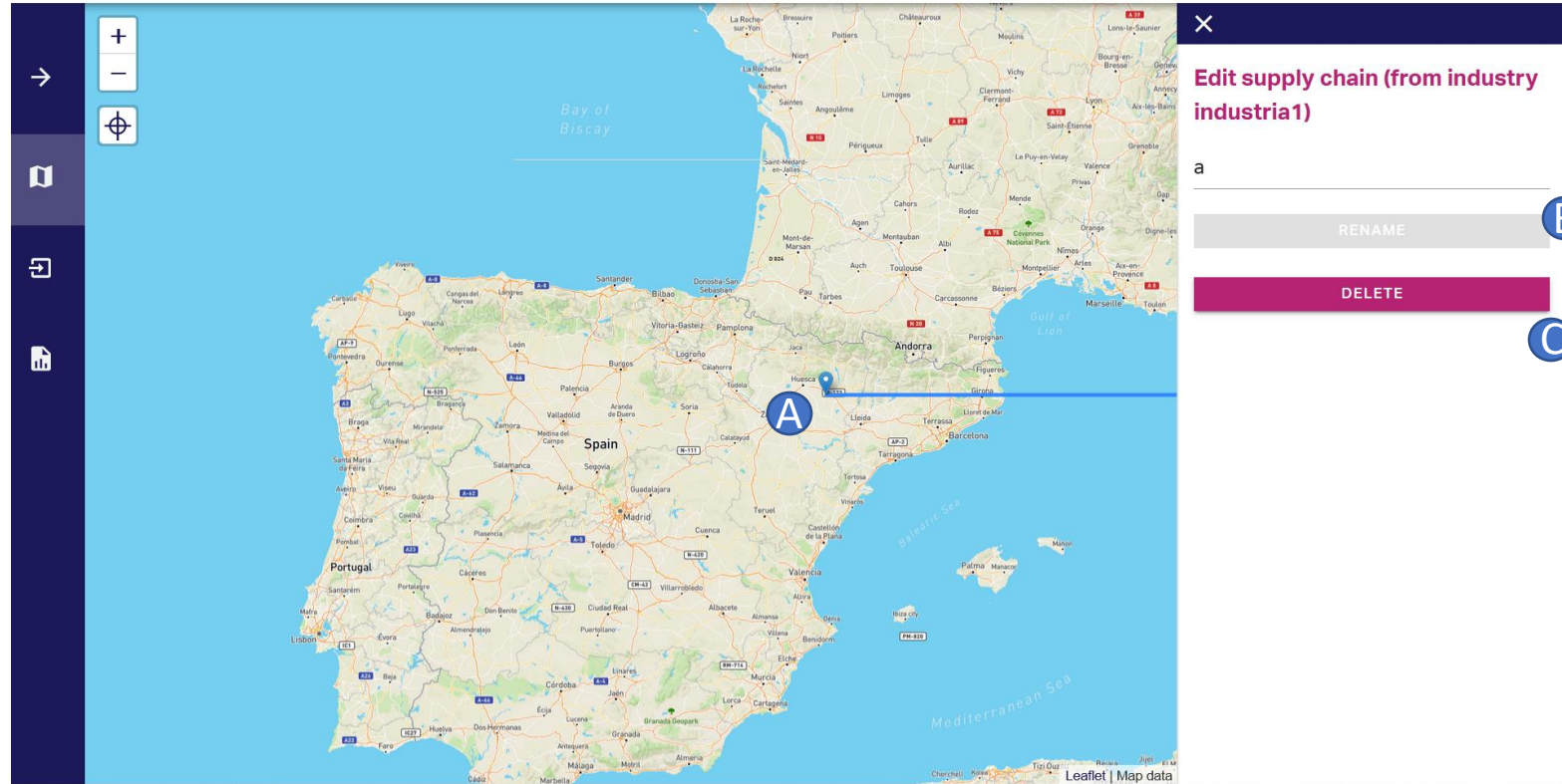
**Bottom Right Screenshot:** Shows the 'Supply chain industry' panel. It has a text input field for the supply chain industry name, an 'ADD SUPPLY CHAIN INDUSTRY' button, and a 'CREATE ASSESSMENT' button. A blue pin icon (labeled 'F') is visible on the map.

The map area shows a geographical map with various locations marked by pins and labels. A blue pin (labeled 'E') is visible on the map, indicating a location for adding a supply chain industry.



# Edit supply chain

- A. Industry to edit. Clicking on the icon will open the right side menu.
- B. Rename selected supply chain industry
- C. Delete selected supply chain industry.



# Advanced inputs

- A. Part of the inputs questionnaire that you are currently answering.
- B. Other parts of the inputs questionnaire that depending on your answers will be unlocked.
- C. Button to display tab with different options.
- D. A red asterisk indicates that an input is required.
- E. Button to choose the estimated value.
- F. Show advanced inputs.
- G. Button to save and continue to the other questionnaire parts. If a required question has not been answered, you will be blocked.

The screenshot displays a web-based questionnaire for 'Industry 1'. The interface is divided into three main sections. The top section, labeled 'Industry 1', shows a progress bar with four steps: 1. Water withdrawal and industry (marked with a blue circle A), 2. On-site WWTP (marked with a blue circle B), 3. Direct discharge (marked with a blue circle B), and 4. Offsite WWTP (marked with a blue circle B). The middle section contains several input fields: 'Standard industrial classification' (marked with a blue circle D and a red asterisk), 'Amount of product produced by the industry' (marked with a blue circle C), 'Concentration of COD in the industry effluent' (marked with a blue circle E), 'Concentration of Total Nitrogen in the industry effluent', and 'Concentration of Total Phosphorus in the industry effluent'. Each of these fields has a text input area and a numerical input area with a unit (g/m3). The bottom section features a dark blue button labeled 'SHOW ADVANCED INPUTS' (marked with a blue circle F) and a 'SAVE AND CONTINUE' button (marked with a blue circle G).

Industry 1

Water withdrawal and industry (A) 1

On-site WWTP (B) 2

Direct discharge (B) 3

Offsite WWTP (B) 4

Standard industrial classification\* (D)

Amount of product produced by the industry\* (C)

Concentration of COD in the industry effluent (E)

Concentration of Total Nitrogen in the industry effluent

Concentration of Total Phosphorus in the industry effluent

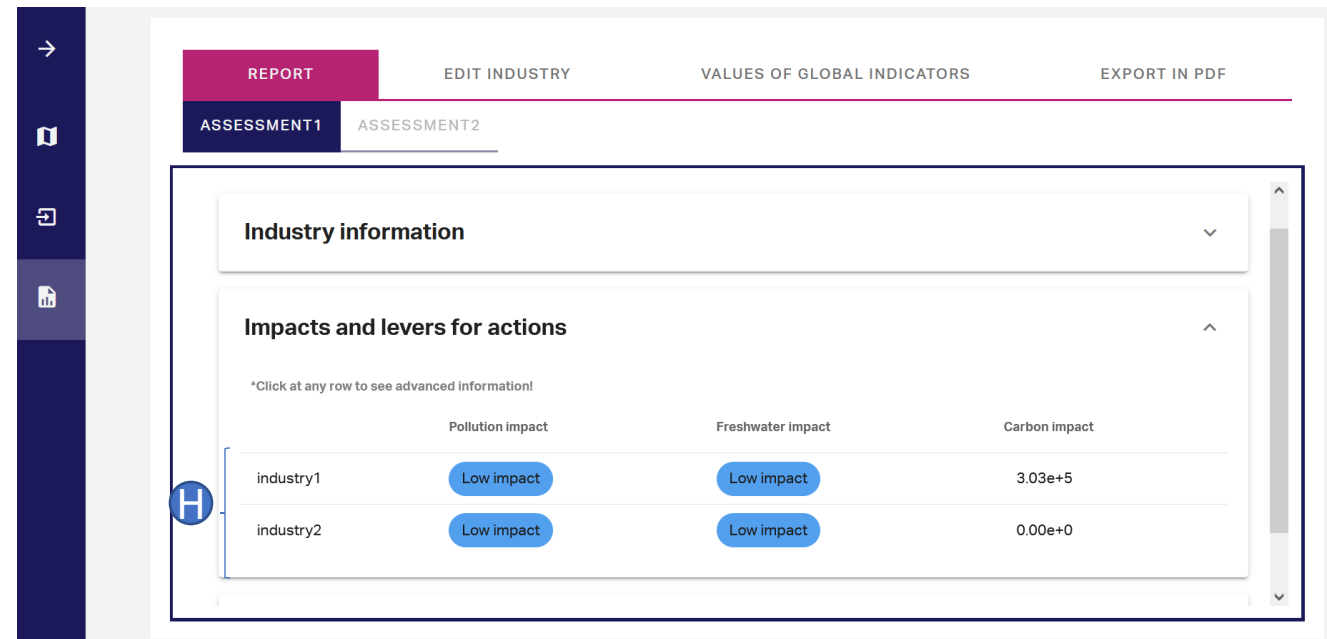
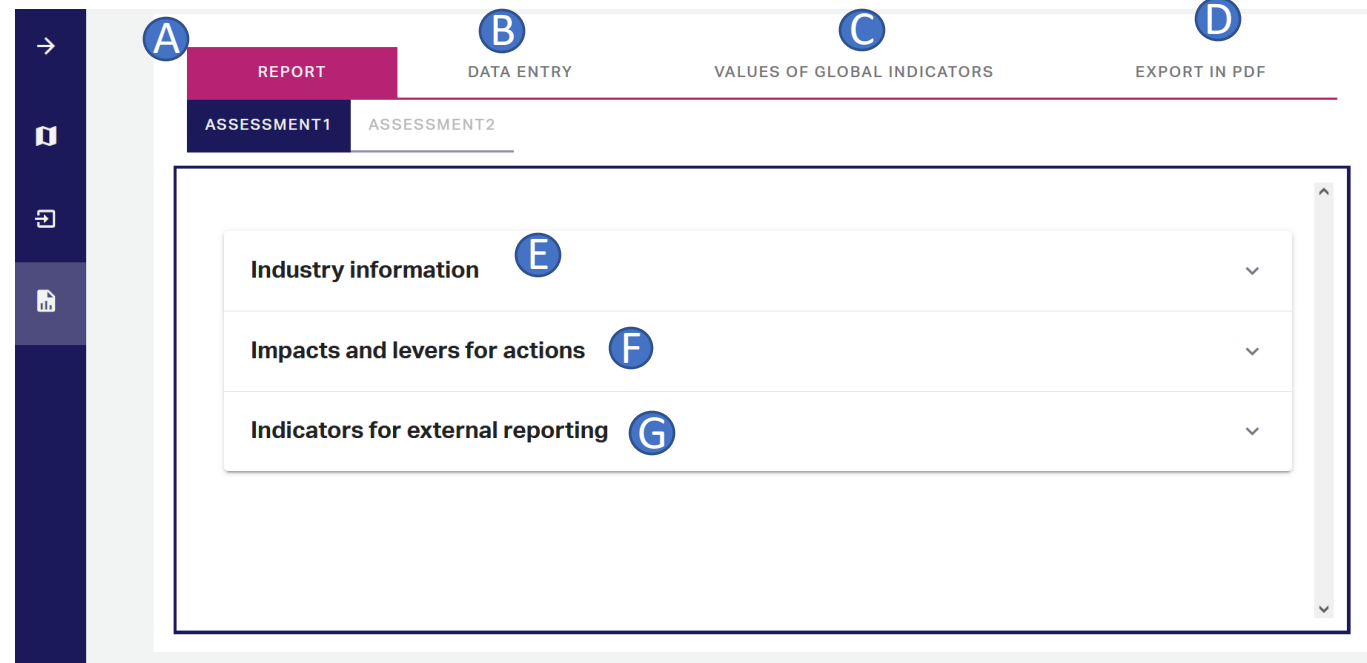
SHOW ADVANCED INPUTS (F)

SAVE AND CONTINUE (G)



# Report (1)

- A. Report tab
- B. Edit advanced inputs of industry
- C. Values of global indicators
- D. Export report in PDF
- E. Summary of the industries of the selected assessments
- F. Impact assessment
- G. Indicators to report to other platforms (such as GRI or CDP).
- H. Industries of the current assessment



# Report (2)

- A. List of impacts and levers for actions of the selected industry
- B. Explanation and formula of subcategory

| REPORT                        |  | EDIT INDUSTRY | VALUES OF GLOBAL INDICATORS | EXPORT IN PDF |
|-------------------------------|--|---------------|-----------------------------|---------------|
| industry1                     |  |               |                             |               |
| ▶ Pollution                   |  |               |                             |               |
| ▼ Freshwater                  |  |               |                             |               |
| Impact                        |  |               |                             |               |
| Levers for action             |  |               |                             |               |
| ▶ Carbon                      |  |               |                             |               |
|                               |  | industry1     | Unit                        |               |
| Dilution factor ⓘ             |  | 4.50e+5       | -                           |               |
| Consumption available ratio ⓘ |  | 0.00          | %                           |               |

## Dilution factor B

Ratio of concentration in the effluent to concentration in the receiving water after mixing in the receiving water. Bigger values indicate less impact of the effluent concentration to the river.

$$\frac{W_a + W_{effl} - W_w}{W_{effl}}$$

### Where:

- $W_a$ : Amount of water available in the river (**streamflow global indicator**)
- $W_w$ : Amount of water withdrawn from the river
- $W_{effl}$ : Amount of water discharged into the river by industry

# Load and save file

- A. Load the generated .JSON file with inputs.
- B. Save session, download a .JSON file to load in another session.
- C. Download a Excel template to enter all the inputs.
- D. Load a excel template with all the inputs.

→

📖

🔗

📄

## Load and save file

Import session

☒ Replace *i*

☐ Append *i*

📎 File input

A

Export session

File name

Untitled file

SAVE SESSION

B

## Load from Excel file

1) 

DOWNLOAD TEMPLATE

 C

2) Fill out Excel file

3) 

📎 Import template

 D

## Upload custom risk thresholds

1) 

DOWNLOAD TEMPLATE

 E

2) Fill out Excel file

3) 

📎 Import template

 F