



## **CLIMATE SMART RURAL WASH DEVELOPMENT PROJECT**

### **MINISTRY OF FISHERIES WATER RESOURCES AND NAMS**

# **DEVELOPMENT OF A WASH MAP AND ESTABLISHMENT OF A FUNCTIONAL WEB-BASED M&E SYSTEM**

## **HOW TO NAVIGATE THE WASHMAP MAP VIEWER SYSTEM**

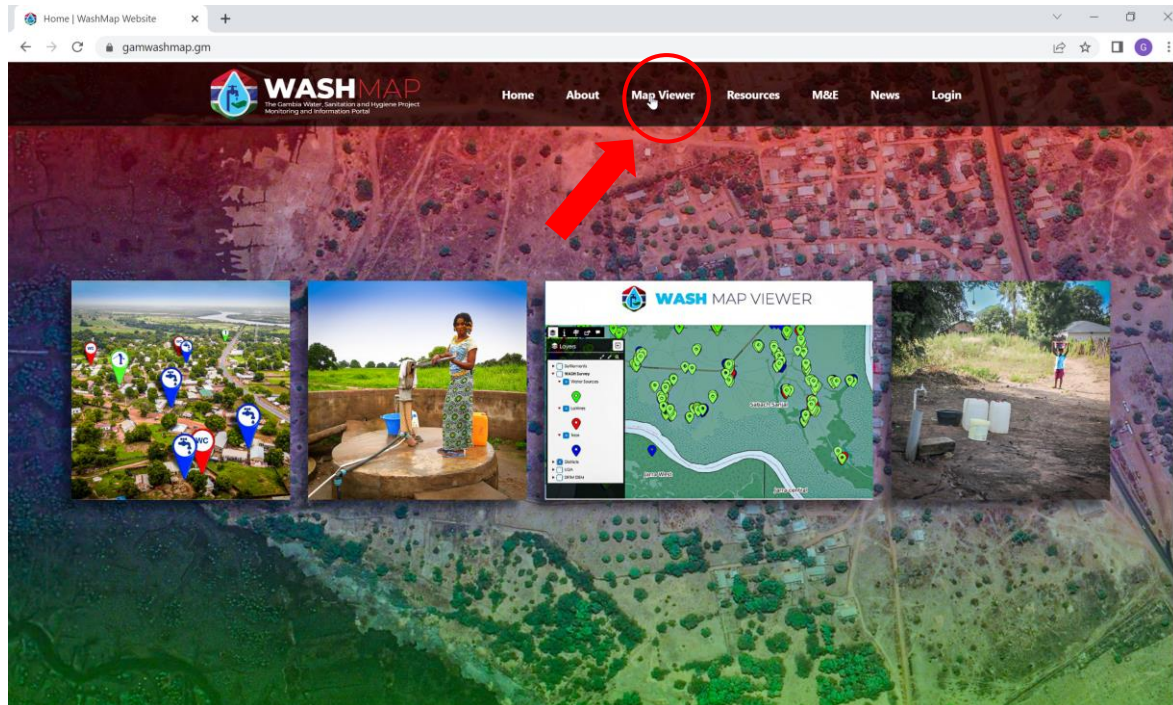
**APRIL 2022**



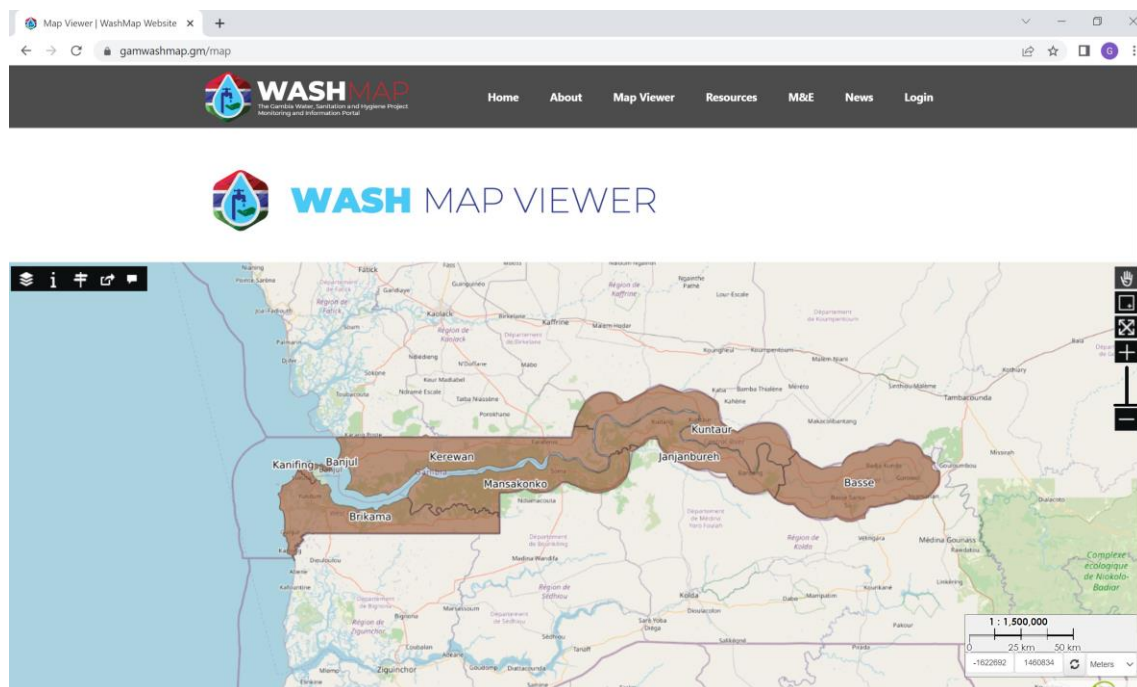
**WASHMAP**  
The Gambia Water, Sanitation and Hygiene Project  
Monitoring and Information Portal

This tutorial shows how to use the Map Viewer on WashMap webpage.

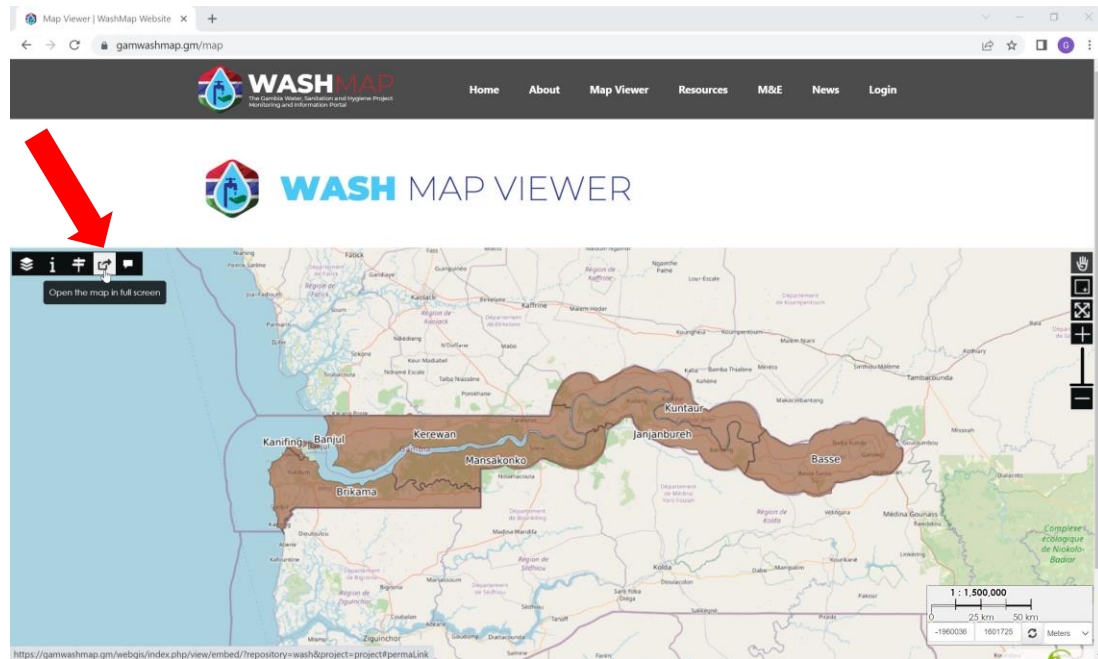
In WashMap main page you have to click on **Map Viewer** on the top.



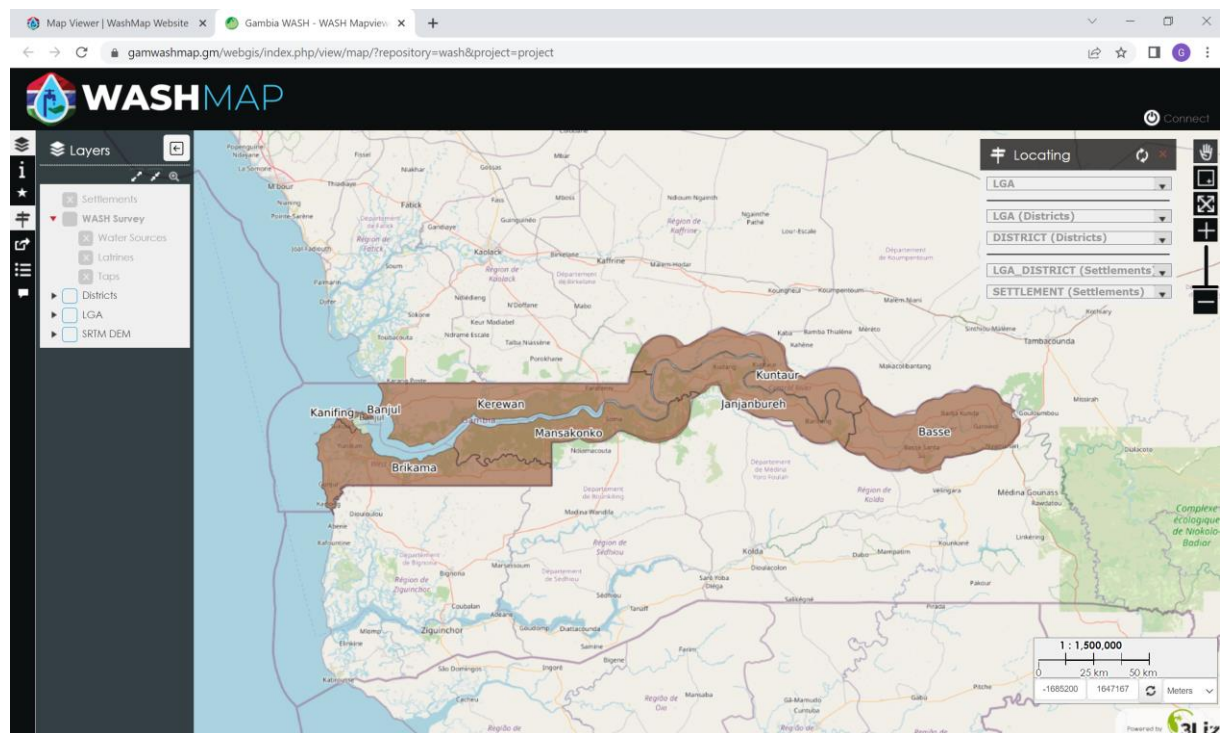
The map that will open is an embedded light version of the map, that is suggested to use just to visualize and simply zoom around the map.



To do some advanced analysis and to better visualize the required info, we suggest to use the full version of the Map, accessible clicking on the 4<sup>th</sup> item of the left menu.

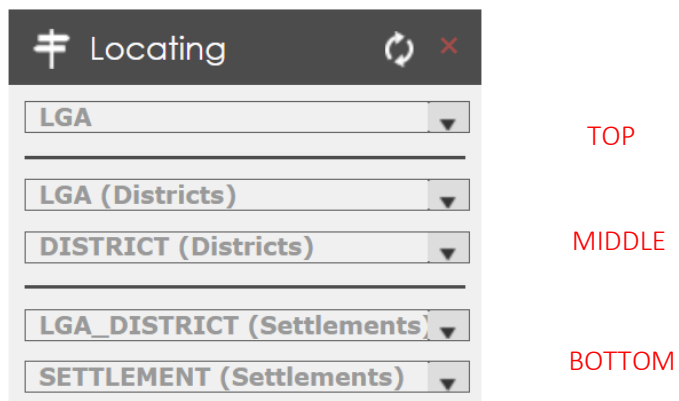


The full version of the Map will now be opened, displaying a map of the whole Gambia, with already shown the LGAs. The default panels that you can see are the **Layers** panel at the top-left, the **Locating** panel at the top-right, and the scale bar and coordinates at the bottom-right.



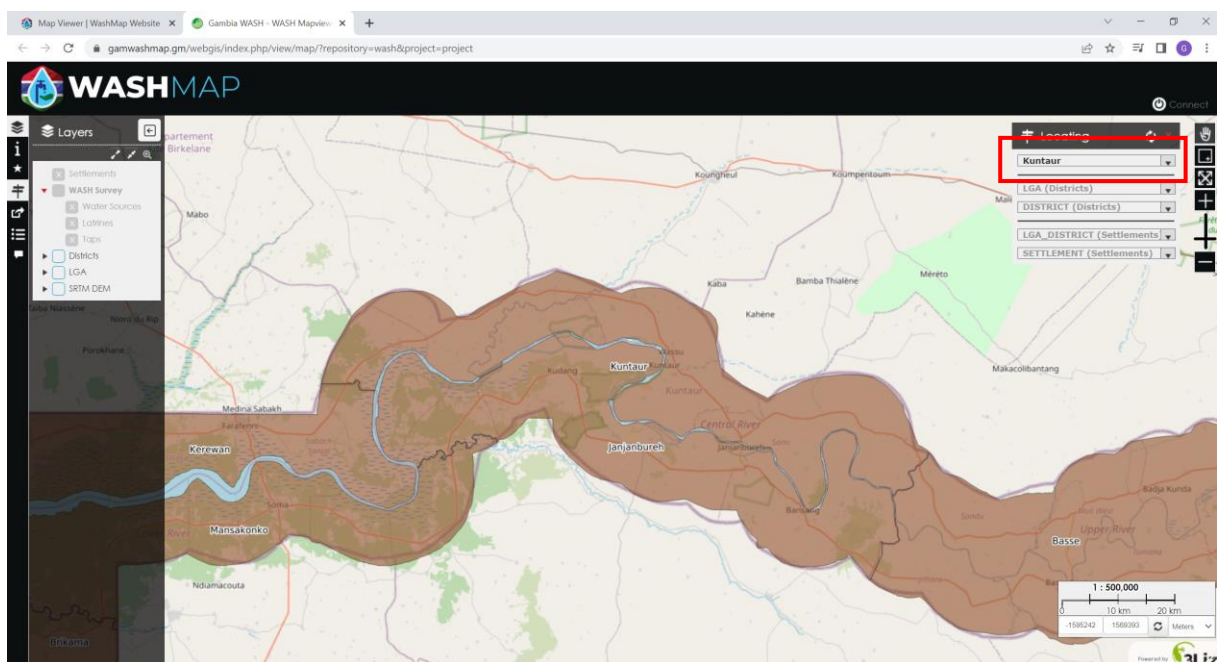


The locating panel on the top right of the map is used to directly zoom to a desired location, and is structured in three parts, from top to the bottom.

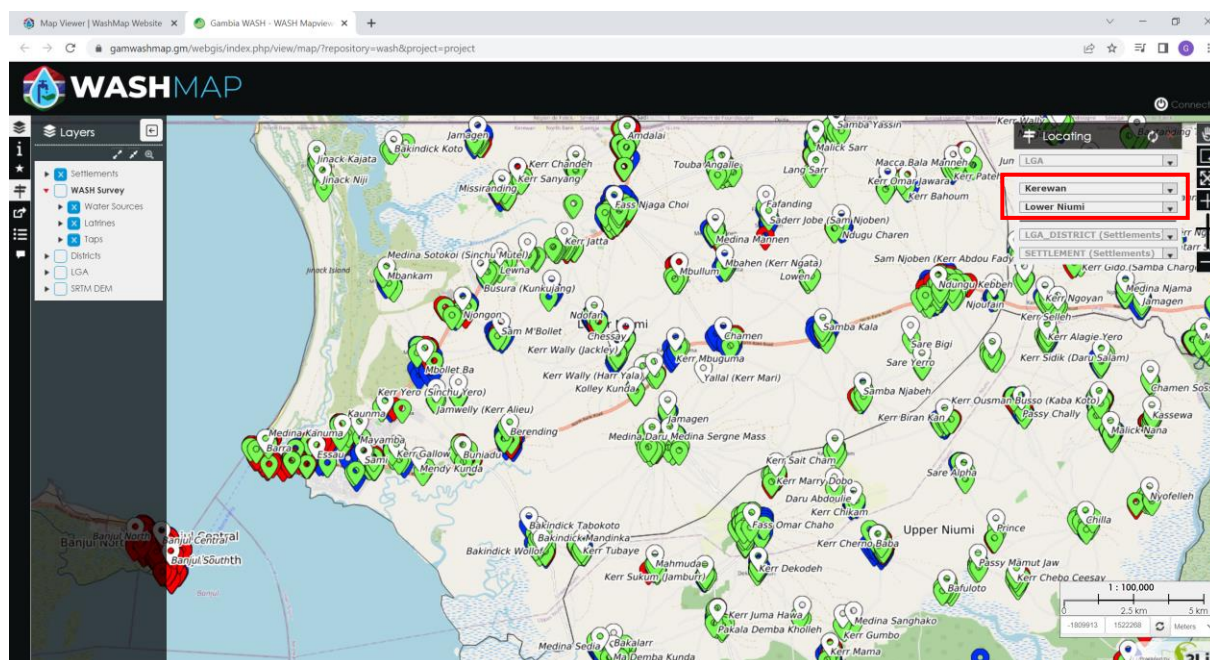


The diagram shows a vertical stack of five dropdown menus under the heading 'Locating'. The menus are labeled: 'LGA', 'LGA (Districts)', 'DISTRICT (Districts)', 'LGA\_DISTRICT (Settlements)', and 'SETTLEMENT (Settlements)'. To the right of each menu is a red label indicating its position: 'TOP' for the first, 'MIDDLE' for the second, and 'BOTTOM' for the third. The last two menus do not have corresponding labels.

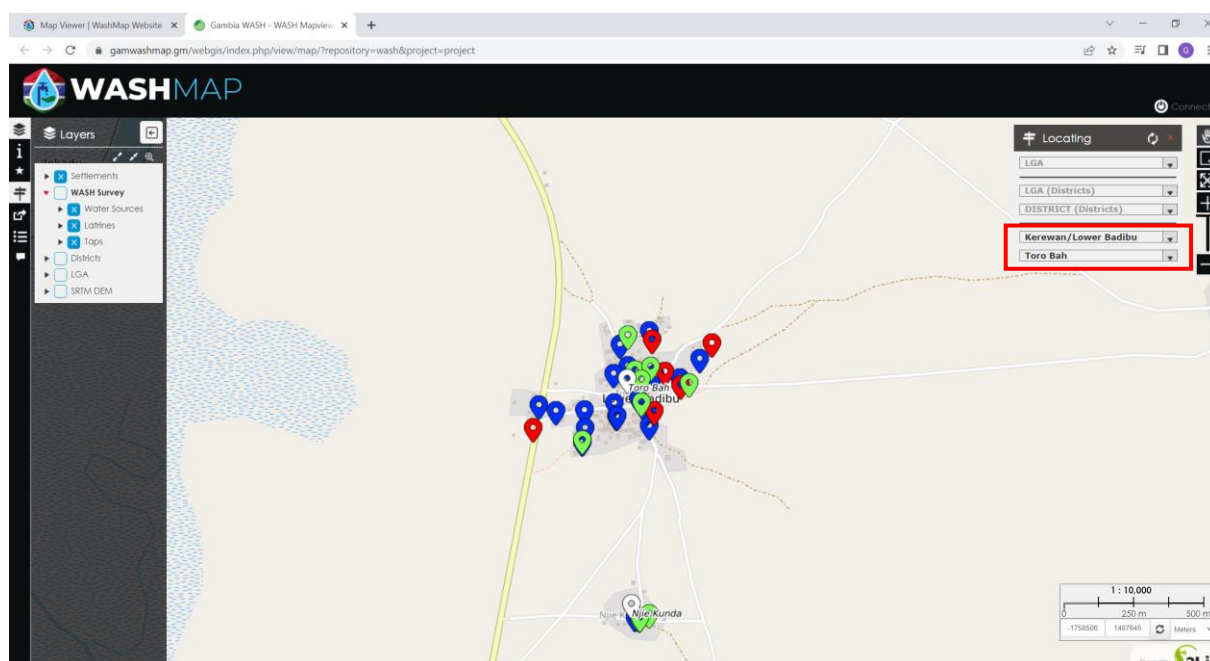
To zoom to a certain LGA, you have to use the top part of the *Locating* panel, selecting the desired LGA from the *LGA* options.



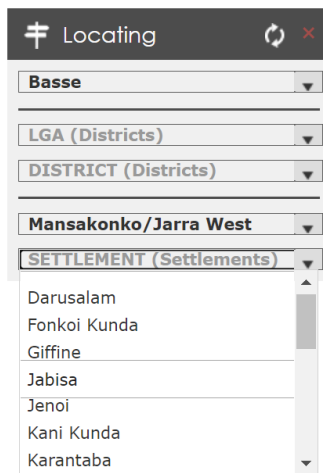
To zoom to a certain District, you have to use the middle part of the *Locating* panel, first selecting the desired LGA from the *LGA (Districts)* options, and then selecting the desired District from the *DISTRICT (Districts)* options.



To zoom to a certain Settlement, you have to use the bottom part of the *Locating* panel, first selecting the desired LGA and District from the *LGA\_DISTRICT (Settlements)* options, and then selecting the desired Settlement from the *SETTLEMENT (Settlements)* options.



Here is an example of the selection of a Settlement.

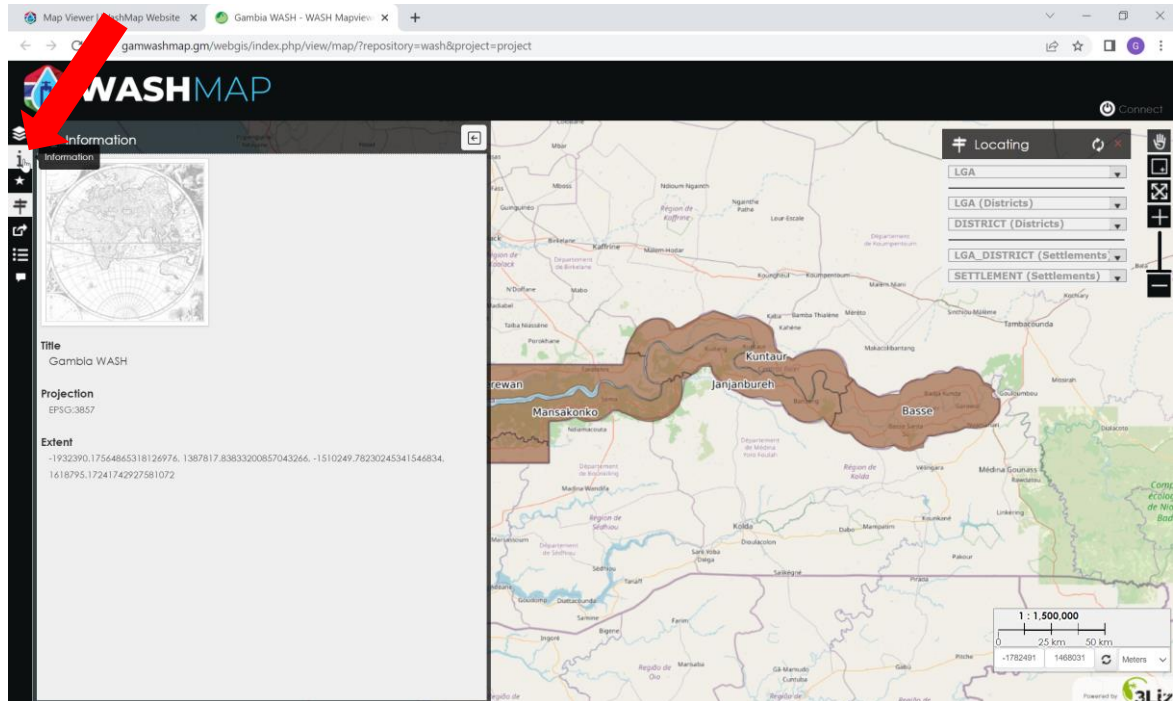


The screenshot shows a web-based form titled "Locating" with a search icon and a refresh button. The form contains several dropdown menus for hierarchical selection:

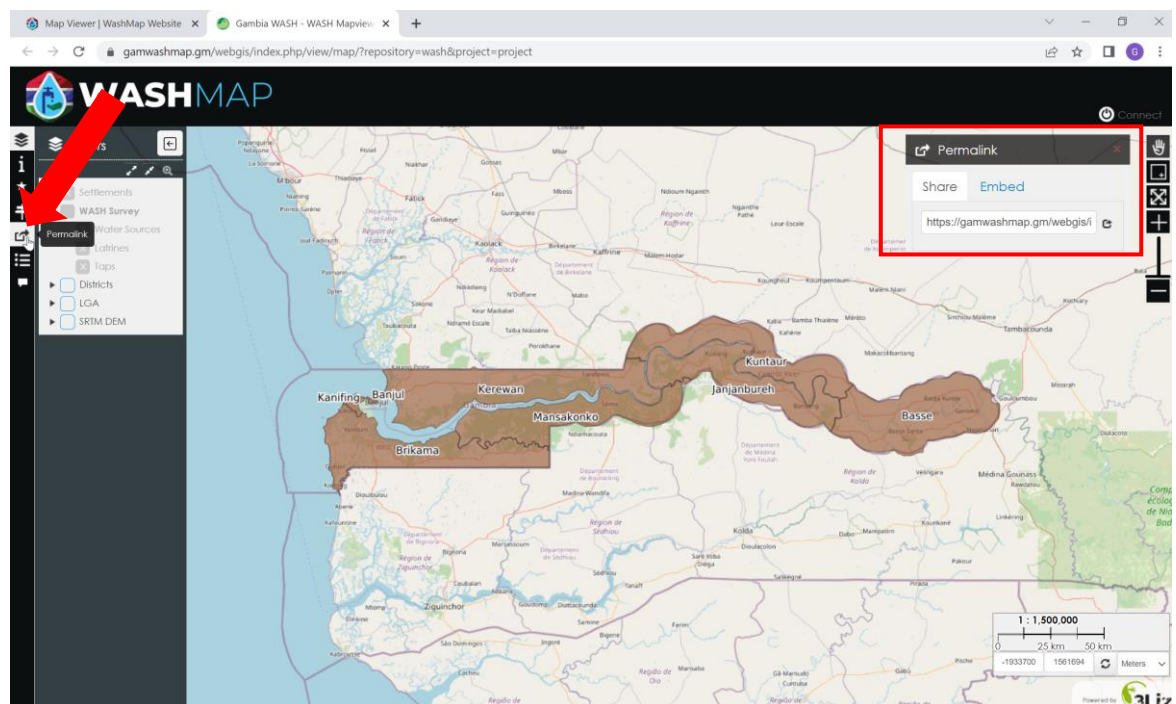
- Basse** (selected)
- LGA (Districts)**
- DISTRICT (Districts)**
- Mansakonko/Jarra West** (selected)
- SETTLEMENT (Settlements)** (selected, with a list of options visible):
  - Darusalam
  - Fonkoi Kunda
  - Giffine
  - Jabisa
  - Jenoi
  - Kani Kunda
  - Karantaba

## MENU BAR

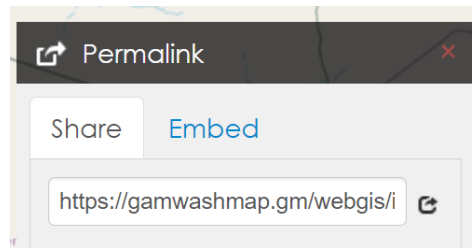
If you click on the 2<sup>nd</sup> item from the top in the left menu, you will open the **information** panel, where some information about the map is shown.



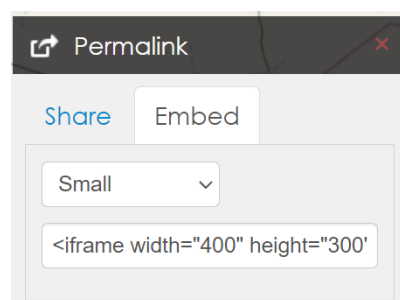
If you click on the 5<sup>th</sup> item from the top in the left menu, you will open the **Permalink** panel.



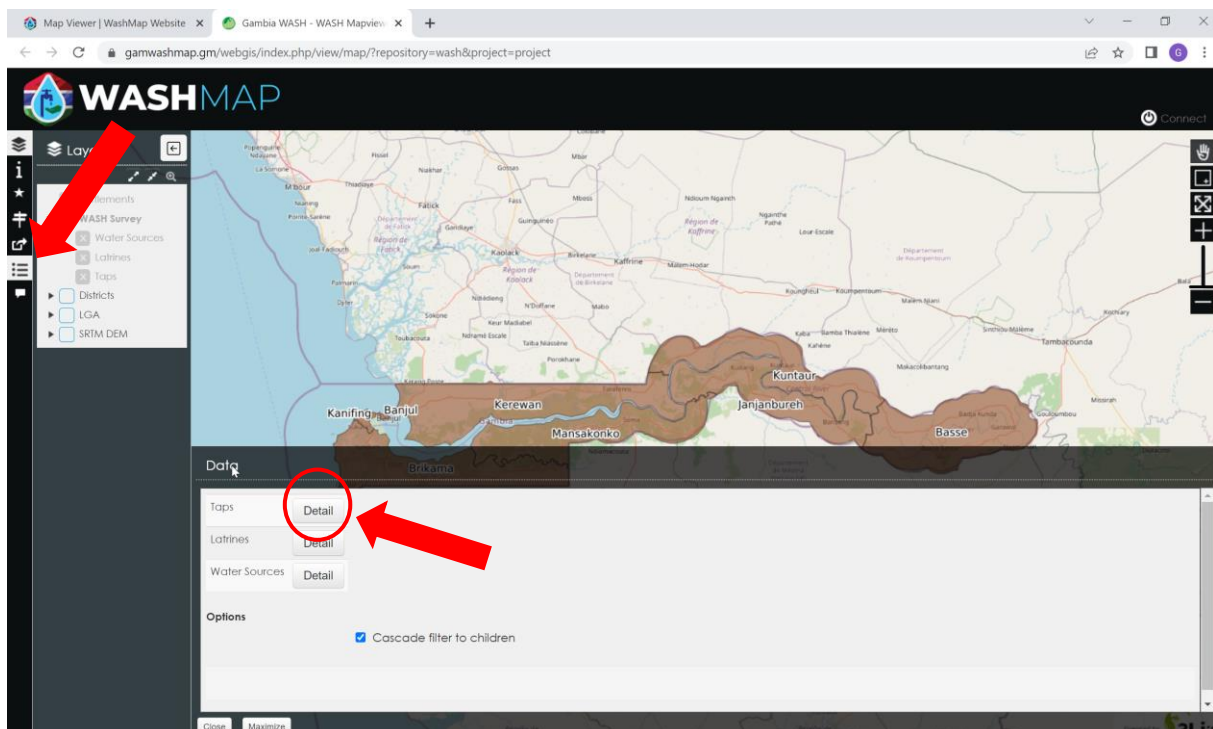
If you select the option **Share**, a link of the map is then created, that can be shared with someone else.



If you select the option **Embed**, a HTML frame of the map is then created, in order to add the map inside a HTML page.



If you click on the 6<sup>th</sup> item from the top in the left menu, you will open the **Data** panel. From this panel you can click on **Detail**, at the right of each listed layer, to view the complete data of each one.



Here is how the data table of the taps will appear.

The screenshot displays the WASHMAP web application interface. The top navigation bar includes the 'WASHMAP' logo and a 'Connect' button. A left sidebar contains a 'Layers' panel with options: Settlements, WASH Survey, Water Sources, Latrines, Taps, Districts, LGA, and SRTM DEM. The main map area shows a geographical view of Banjul, Gambia, with various districts and LGAs labeled. A data table titled 'Taps' is overlaid on the map, displaying a list of tap locations. The table includes columns for District, ID, LGA, Settlement, Taps Location, If taps location is Other describe, How many taps work?, and How many taps are there?. The table shows five entries, all from Banjul Central, with locations including Health Facility and School. The bottom of the table indicates 'Showing 1 to 50 of 14,196 entries' and includes pagination controls.

	District	ID	LGA	Settlement	Taps Location	If taps location is Other describe	How many taps work?	How many taps are there?
✓	Banjul Central	14158	Banjul	Banjul Central	Health Facility		1	1
✓	Banjul Central	14159	Banjul	Banjul Central	Health Facility		6	6
✓	Banjul Central	14160	Banjul	Banjul Central	Health Facility		1	1
✓	Banjul Central	14161	Banjul	Banjul Central	School		1	1
✓	Banjul Central	14162	Banjul	Banjul Central	School		8	8

Showing 1 to 50 of 14,196 entries Show 50 entries

Previous 1 2 3 4 5 ... 284 Next

When you click on a specific item, i.e. water sources (green pin), latrines (red pin) or taps (blue pin), in the popup window you will see many specific information about that item.

## AUTOMATED REPORT

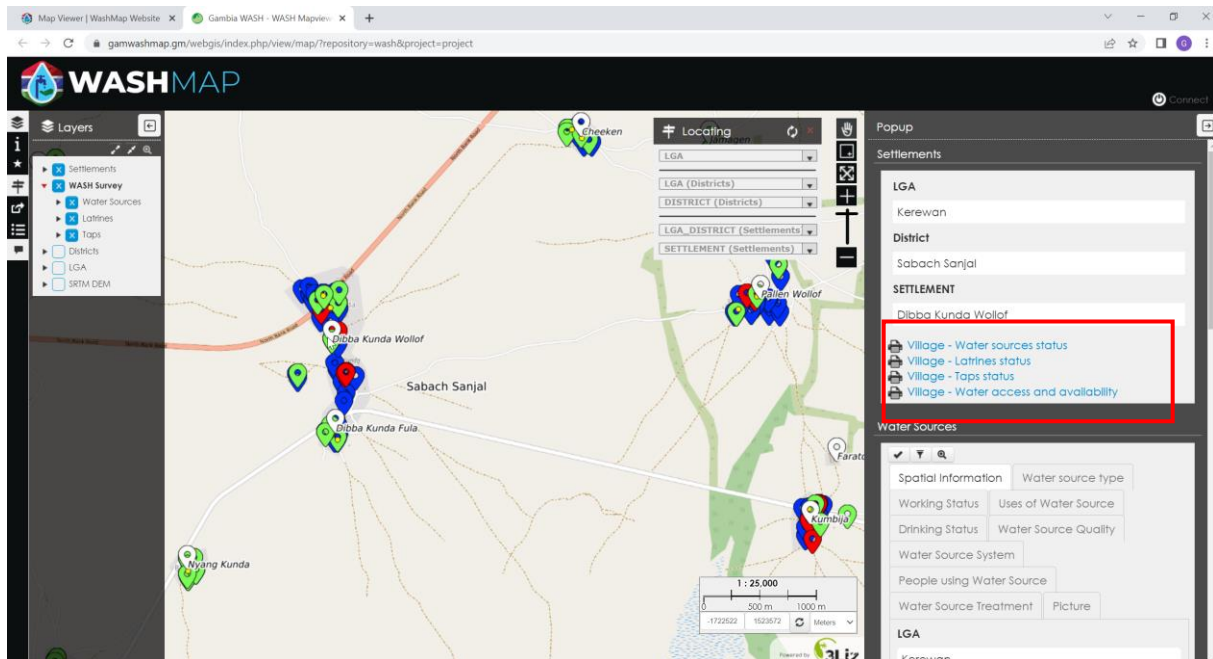
If you click on a Settlement (white pin), a Popup will open on the right, containing four reports about statistics on water sources, taps and latrines of the settlement:

Village - Water sources status;

Village - Latrines status;

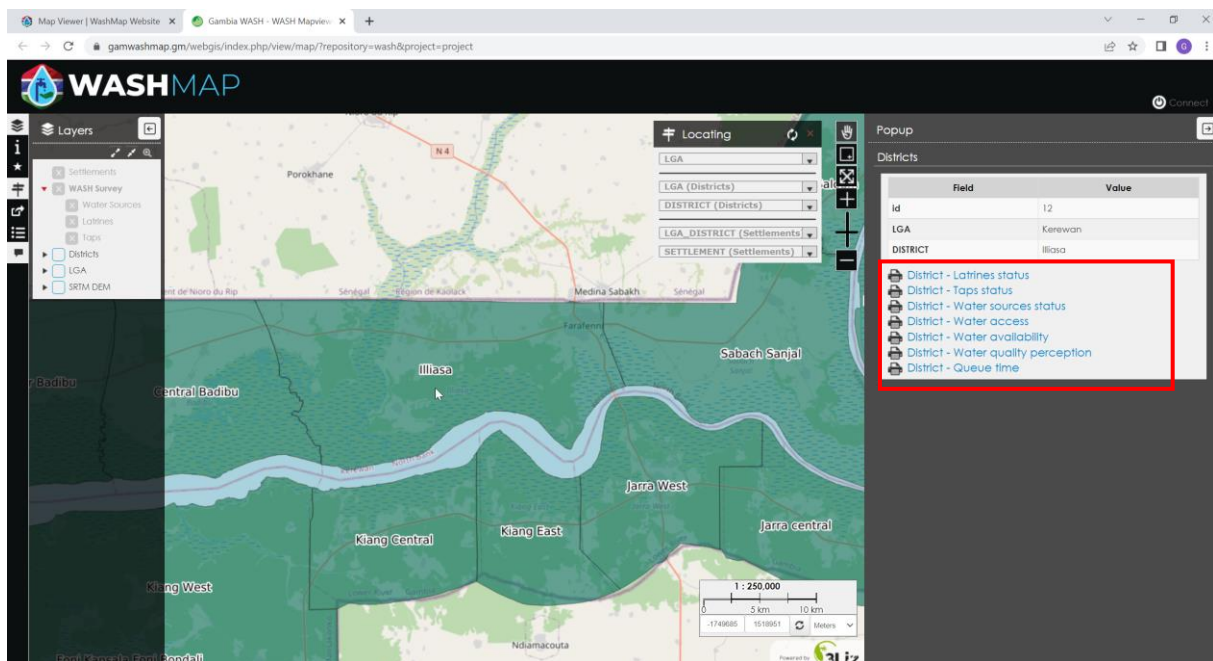
Village - Taps status;

Village - Water access and availability.



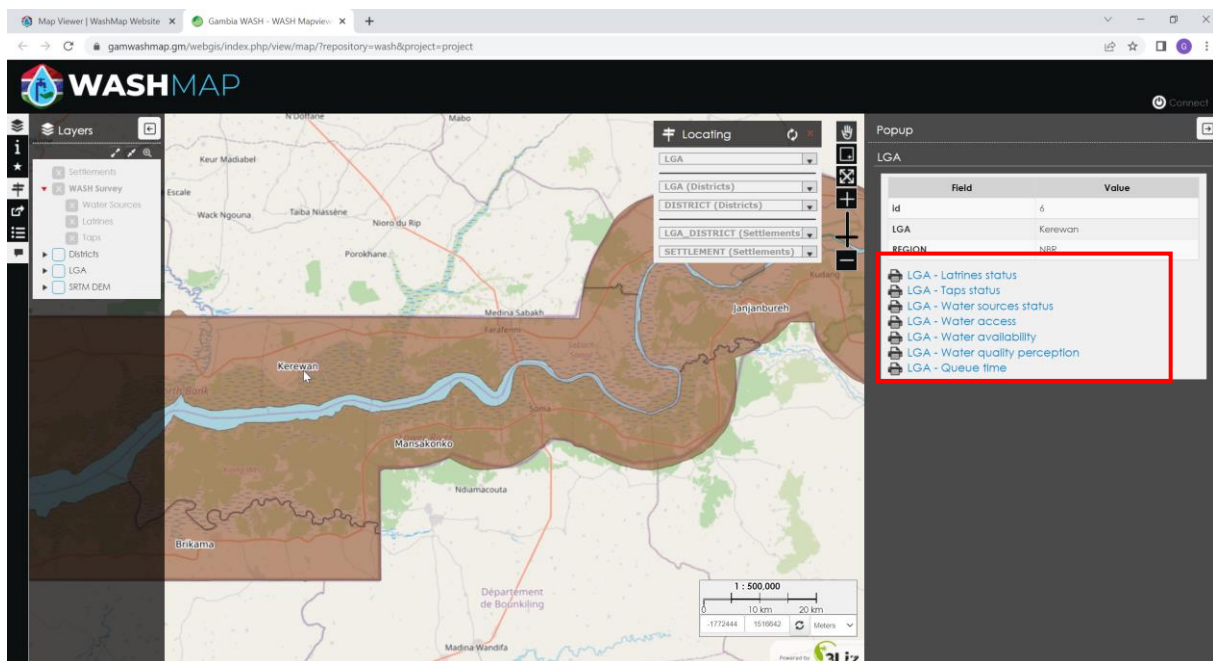
When you click on a District on the map, the popup window will show basic information about the District and give the possibility to open seven reports about water sources, taps and latrines statistics for that District:

- District - Latrines status;
- District - Taps status;
- District - Water sources status;
- District - Water access;
- District - Water availability;
- District - Water quality perception;
- District - Queue time.



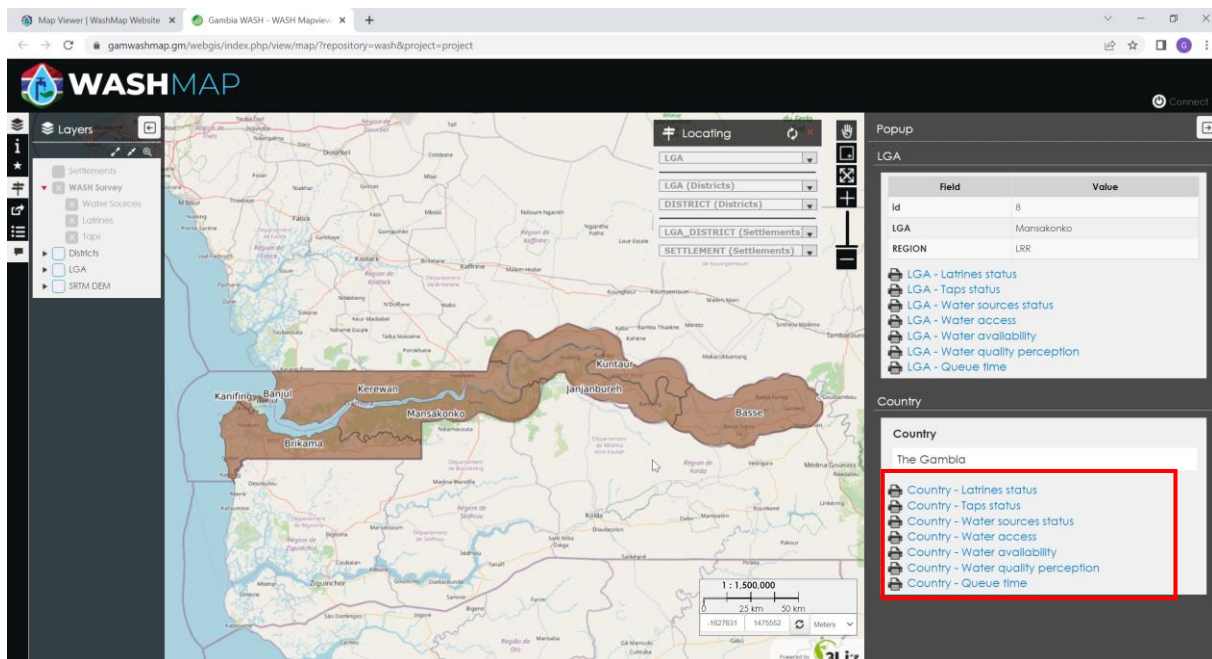
Also, when you click on a LGA on the map, the popup window will show basic information about the LGA and give the possibility to open seven reports about water sources, taps and latrines statistics for that LGA:

- LGA - Latrines status;
- LGA - Taps status;
- LGA - Water sources status;
- LGA - Water access;
- LGA - Water availability;
- LGA - Water quality perception;
- LGA - Queue time.



The same procedure can be done to see the seven statistic reports about the whole country:

- Country - Latrines status;
- Country - Taps status;
- Country - Water sources status;
- Country - Water access;
- Country - Water availability;
- Country - Water quality perception;
- Country - Queue time.



When you click on one report from the popup window, the document will open in a new tab.

