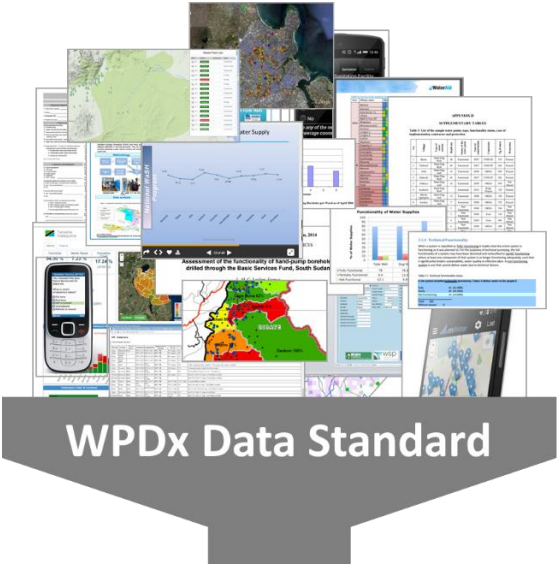




# How WPDx Improves Rural Water Services

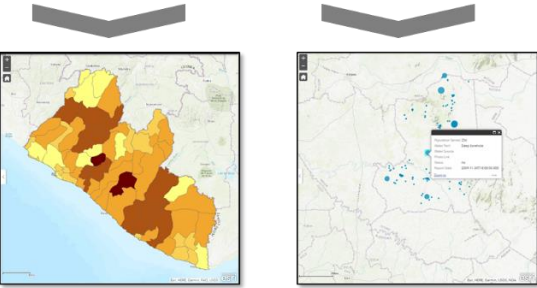


1. Governments and their partners are already collecting massive amounts of data. It is currently too fragmented to use, with different approaches for data collection and storage. Given the challenges in accessing and using data, it is typically only used for reporting.

2. All stakeholders can easily use the WPDx data standard to harmonize their existing data structure. Formatting existing data into the WPDx data standard typically takes about five minutes. The WPDx standard fits most water point data, even if it was collected with no knowledge of the standard.

Water ID	Country	State	Province	District	Water Point ID	Water Point Name	Water Point Type	Water Point Status	Water Point Category	Water Point Sub-Category	Water Point Material	Water Point Capacity	Water Point Depth	Water Point Diameter	Water Point Location	Water Point Coordinates	Water Point Date	Water Point Source	Water Point Notes	
71380	Sierra Leone	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial
483213	Sierra Leone	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial
91102	Sierra Leone	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial
919209	Sierra Leone	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial
271422	Sierra Leone	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial
132724	Sierra Leone	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial
137304	Sierra Leone	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial
833143	Sierra Leone	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial
880287	Sierra Leone	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial
884251	Sierra Leone	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial
914091	Sierra Leone	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial
483330	Sierra Leone	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial

3. After formatting, the file is simply published to the WPDx platform. The WPDx platform automatically removes duplicate entries, links multiple updates to the same water point, and integrates the data into the global data repository to provide easy access to data. All data is now harmonized and integrated.



4. Decision support tools access data from the global repository and automatically carry out advanced GIS and machine learning analysis on the fly. Designed in partnership with governments and data scientists, these tools provide concrete insights, like which water point to send a technician to rehabilitate next to reach the most people. As governments begin to see benefits from using data on a regular basis, they will have an incentive to continue to invest in data collection, harmonization, and use.

