H2Odata.city
is a sustainability program to improve local water infrastructure monitoring and maintenance capacity through the training and responsibilization of local maintenance entities. This prevents water point failure and associated increases in water-borne disease rates and water collection times.

Description and goal:

H2Odata.city is a sustainability program to improve local water infrastructure monitoring and maintenance capacity through the training and responsibilization of local maintenance entities. This prevents water point failure and associated increases in water-borne disease rates and water collection times.

Context and justification:

More than 20% of water points in Burkina Faso are non-functional. This situation can be attributed to three principal factors. Firstly, water actors have an incomplete picture of drinking water services in Burkinabé cities. Secondly, water point monitoring and maintenance roles are often not clearly defined. Water point maintenance entities, namely water point committees, have either not been appointed clearly or not at all. Water point committees are the sectoral standard maintenance entity for assurance of water point longevity and sustainability. Thirdly, inefficiencies remain even if water point committees have been clearly assigned. This is because no standard operating procedure has been established for response to a water point breakdown.

Impact:

All water points in the city have a functioning infrastructure maintenance entity and standard operating procedure in case of water point breakdown. This results in greater rates of water point functionality, leading to increased access to safe water and increased efficacy of financial and human resources. This leads to reduced water-borne disease rates and water collection times.

Implementation process:

Phase 1: Drinking water service data acquisition;
Phase 2: Water infrastructure maintenance entity creation and/or fortification;
Phase 3: Water infrastructure repair standard operating procedure creation and/or fortification.

Provisional timeline:

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<th>Phase</th>
<th>Month 1</th>
<th>Month 2</th>
<th>Month 3</th>
<th>Month 4</th>
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Implementing partners:

Partnerships are established with relevant water actors in the city. Notably, these include alliances with the Mayor’s office, the public water utility, and the national ministry for water.