

## **Finding Solutions**

### **Part 1: Aquadapt**

One existing solution you learned about during the video is Aquadapt. By using the information from the video and exploring <https://caminosdeagua.org/> and search engines, answer the following questions to better understand current solutions to the water problem.

1. Explain the problem that Caminos de Agua and Aquadapt are trying to solve.
2. How does Aquadapt work to solve this problem?
3. What other organizations or products are trying to solve the water problem in a similar way?

### **Part 2: Empathize, Define, and Ideate**

1. Use what you learned during your research to summarize the water problem. Think about a specific population, either globally or locally, that the water problem affects and what they need.
2. In what ways could you solve this problem? Could you adapt a solution that already exists? Could you engineer a brand-new solution? There are no right or wrong answers. Many ideas could contribute to the solution!

### **Part 3: Design**

1. Below, illustrate a potential solution to the water problem. This could be an improvement to a product that already exists or an entirely new product. Be sure to label important parts! Continue to brainstorm on a separate piece of paper if you have more ideas.