

# 10 STEPS TO IMPROVE Water Efficiency

## Step 1: Prioritise Staff Engagement



Engage all staff and senior management in your water management initiative. Engage staff through:

- Education, explaining to them why efficient water use is important, and providing a clear set of instructions on how water can be saved
- Purchasing water efficient equipment to make the process more streamlined
- Utilising signage to remind staff of water saving techniques

## Step 2: Set the Scene

Identify how much your business is paying in water and wastewater charges and, as well as any related hidden charges your business is facing.



## Step 3: Develop a Water Balance

A water balance is an accounting of the inputs and outputs of water in a system. Your organisation should aim to develop a water balance for your business attempting to quantify more than 90% of water use.



## Step 4: Design a Monitoring and Targeting System

Use the information in your water balance to design a monitoring and targeting (M&T) system. M&T is a resource management technique in which all plant and building utilities such as electricity, gas and water are measured and monitored, enabling effective reductions in usage to be achieved.

## Step 5: Identify Improvements

Use your water balance and M&T system to identify improvement actions to eliminate or reduce water use and minimise sewerage and trade effluent generation (targeting volume and strength in trade effluent).

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## Step 6: Identify Good Practice Techniques

Identify good practice techniques that will allow the improvement actions to be realised. These include:

- Engineering solutions
- Data-driven solutions
- Water management strategies
- Environmental policies
- Innovative techniques



## Step 7: Prepare a Water Management Action Plan

Prepare a Water Management Action Plan (WMAP) to summarise and prioritise improvement actions including a business case for each action then implement them as appropriate for your business, and update regularly.

## Step 8: Review Plans

Regularly view and evaluate the actual improvement action benefits achieved versus those forecasted in the business case, and make adjustments accordingly. In many cases, it's imperative to engage with a water management professional to ensure the best, most effective results.

## Step 9: Communicate



Following a review of the water management plans your organisation has created, it's essential to communicate their success with staff, senior management and your supply chain. Highlighting positive results to your organisation keeps all employees engaged in the initiative.

## Step 10: Keep Improving

It's essential to review water management processes regularly, and return to Step 1 on at least a six-month basis.

**Ready to take the next step in your organisation's water management journey? Our team can help. Get in touch today at [info@mabbett.eu](mailto:info@mabbett.eu).**

