



## 027 – Reduce Hot Water Consumption

Overview	
Intervention Type:	Behavioural/ technical (infrastructure)
Target:	Individual
Intervention Frequency:	Daily
Intervention Duration:	School year

Cost	Effort	Reward
<b>Medium</b>	<b>Medium</b>	<b>Medium</b>
ENERGE Rating		School Rating (School to complete)
★ ★ ★ ☆ ☆		★ ★ ★ ☆ ☆

Description of Intervention
<p>The school should implement energy efficient actions which will reduce the hot water consumption in the school. Heating water is one of the biggest energy users within the school and therefore should be used wisely.</p> <p>Actions recommended for this intervention are:</p> <ul style="list-style-type: none"> <li>- Placing a water boiler in staff room/ canteen</li> <li>- Install aerators on taps</li> <li>- Repairing leaks in pipes and faucets</li> <li>- Install tankless water heater</li> </ul>

Commented [ED1]: Provide a

Impact Measurement
<p>Monthly electricity bills can be compared against baseline electricity consumption. (Speak to the ENERGE Project Team). This will be done every 2 months to examine whether there has been a reduction in electricity usage due to strategies involving reductions in hot water usage.</p>

Facilitators	Barriers
<p>Social Marketing- The school staff will be motivated to promote behavioural change which is going to improve their energy efficiency and reduce their hot water usage. (ENERGE posters can be created to remind staff)</p> <p>Policies- The schools' policies will be inclusive of hot water management and all staff must follow these policies.</p>	<p>Apathy- lack of interest and motivation may prevent the school community from participating in this intervention.</p>



The ENERGE platform will assist with monitoring the electricity use. Electricity bills can be compared so that the interventions impact on electricity usage can be interpreted.

A supplier will be required if any infrastructure/ technical actions will be taken to reduce hot water consumption.

#### Intervention Process

1. The school will choose what actions for reducing hot water usage are most appropriate and affordable.
2. The school community should be aware of the intervention through interactive posters around the school. The ENERGE Committee can produce these posters and educate staff/ students on how to reduce their hot water usage.
3. The ENERGE Committee will take on the role of analysing the electricity bills and comparing against baseline electricity consumption every 2 months. They will then update the school on the energy usage they're using and how they can improve/ make progress on the intervention. This can be communicated via email/ ENERGE Platform.

#### School Comments/Notes