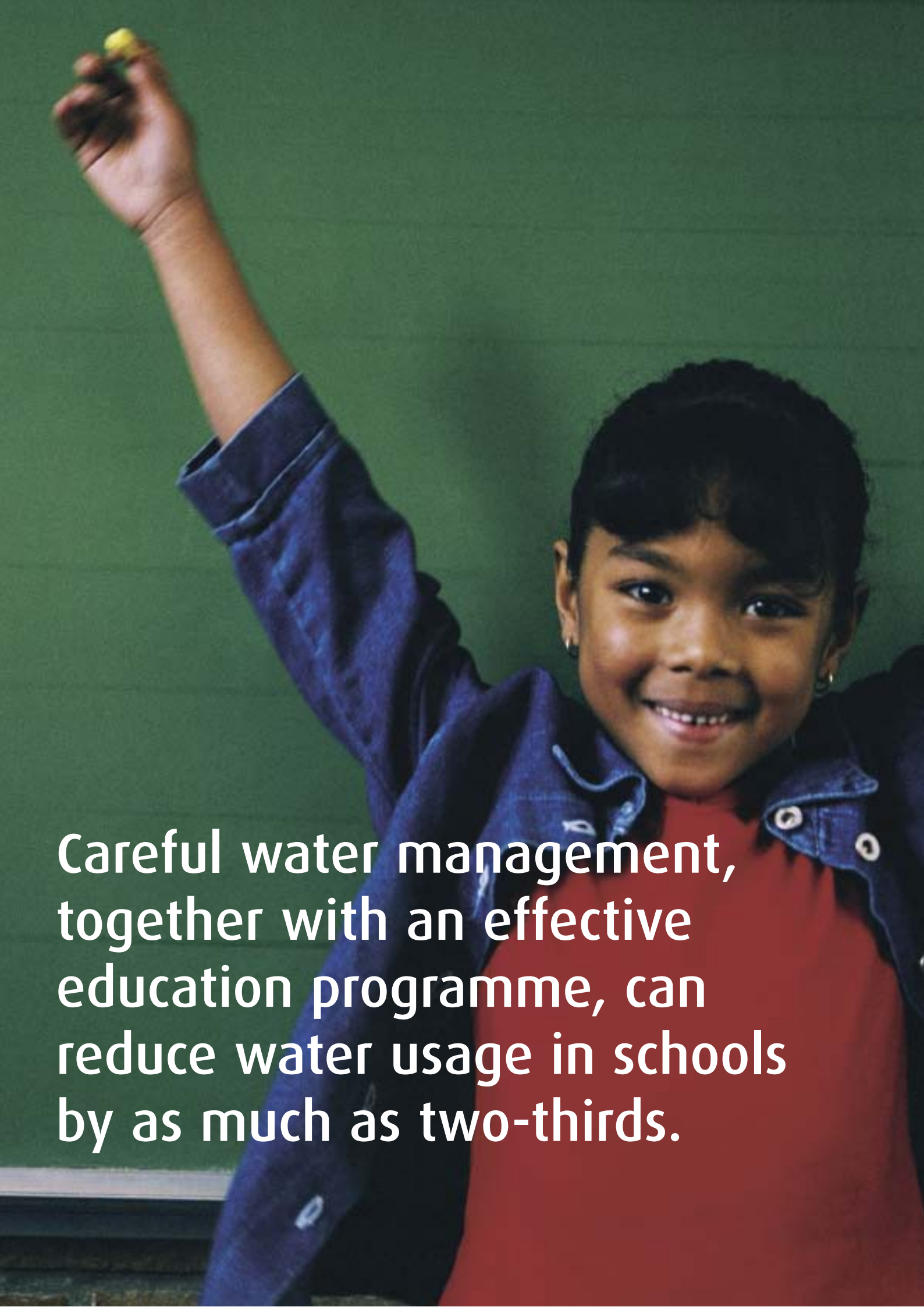


STOP FLUSHING MONEY DOWN THE DRAIN!

How your school can conserve water
and Save Money



GreenLogic
LIMITED

A young girl with dark hair and a bright smile is shown from the chest up. She is wearing a red t-shirt under a blue denim jacket. Her right arm is raised high, holding a small yellow object. The background is a green chalkboard. The text is overlaid on the lower left portion of the image.

Careful water management, together with an effective education programme, can reduce water usage in schools by as much as two-thirds.

Do **YOU** know how much water **YOUR** school uses?

On average, every school in the UK consumes approximately 4000 litres of water per pupil per year.

Lower water consumption will not only benefit your school by reducing your water bills but it will also help the environment.

The key aims of this brochure are to:

- Encourage schools to monitor their water use;
- Implement changes which will conserve water and save money;
- Encourage a responsible attitude to water consumption by pupils;
- Encourage the pupils to apply their knowledge at home.

What can you do?

- Find out where water is used in your school.
- Read your meter regularly and monitor progress.
- Make an action plan. How can you reduce water consumption?
- Implement the changes, and review regularly.
- Use regular assembly talks to promote water efficiency.
- Involve staff and pupils. Ask them to identify areas where water can be saved.

Remember, **SMALL** changes to taps and toilets Can result in **BIG SAVINGS** in your school's **BUDGET**, so please take the time to **READ ON**.

Where does the WATER GO?

The main areas where water can be wasted in schools are:

- Urinals and toilets
- Taps and showers
- Leakage on internal and external water pipes

A dripping tap can waste a great deal of water, for example:

TWO DROPS PER SECOND	
Approximate loss in one minute	0.5 litres
Approximate annual loss	263 cubic metres
Typical Annual water cost	£300

DRIPS BREAKING INTO A STREAM	
Approximate loss in one minute	7.5 litres
Approximate annual loss	3942 cubic metres
Typical Annual water cost	£4300

Improving efficiency in urinals and toilets can be the most cost effective means of reducing both water consumption and **WATER BILLS**.

Water efficient products

Urinal controls

Constantly flushing urinals are pouring water and money down the drain, and can be your highest water waster. Infra red controls are easy to install and mean that the urinals will only flush when required to. It should also mean that the urinals are not constantly wasting water at the weekends and school holidays. This can often save a considerable amount of water. However, they can go wrong or stop functioning totally. This then wastes even more water.

Waterless Urinals

As their name implies, they don't use any water, but rely on microbiological inserts in the outlet. These not only deodorise, but also the active ingredients of the insert break down the urine, preventing the build up of limescale, therefore saving on maintenance costs too.

Water efficient toilets

Older cisterns can use up to 9 litres of water per flush, but modern ones must use no more than 6 litres. Dual flush toilets can use even less water. It may be expensive to replace all the toilets in the school, unless you are undertaking a complete refit on the existing ones, but we can give you advice on cistern displacement devices which reduce the amount of water used each flush.

Push top taps

These are known as percussion taps and can be adjusted to the required duration of water flow – six seconds is all that is normally required. After that time, they close automatically, which will eliminate the risk of flooding from taps left running.

Tap inserts

These are fitted into the existing taps to change the flow pattern to spray. This reduces the volume of water used. They are cost effective, but may not be suitable for all taps.

Shower push button controls

A push button control on showers will limit the flow from the shower to the duration required, reducing unnecessary water supply.

The natural chemical reactions between water and urine causes limescale build-up and the smells associated with urinals –
Remove the Water and Eliminate Both Problems

A commercial urinal needlessly wastes more than £100 worth of water each year. Add to that the cost of repairing damage due to limescale blockage, system corrosion and wear and tear on plumbing equipment, and conventional water flush urinals are an expensive proposition, indeed.



A BETTER OPTION

GreenLogic waterless technology...slashes water costs, eliminates limescale blockages and decreases sewer loads.

GreenLogic brings you a better option – the more economical and environment-friendly waterless urinal system. The GreenLogic waterless system replaces expensive water flushing with an inexpensive natural disinfectant process.

Thousands of waterless urinals are already in use in the UK in facilities as diverse as sports stadiums, commercial offices and manufacturing works. They provide an economically attractive, environmentally sound and sanitary alternative to the ancient water flush systems that they replace.

GreenLogic... recyclable technology approved by the Environment Agency and promoted by water authorities.

The waterless urinal concept has been around for about 100 years, but a retrofit unit for existing urinal bowls is a recent entrant to the marketplace. Since the retrofit first appeared in 1995, the product has been simplified and streamlined to become an all-in-one recyclable plastic cartridge that is quickly installed, easy to maintain and simple to recharge.

GreenLogic waterless technology... cleans and disinfects naturally, eliminating odours without wasting water.

GreenLogic uses this waterless technology to adapt existing urinals for operation without water flushing. Our ecologically sensible technology incorporates a biological block which freshens and sanitizes during use. This ensures that washrooms remain sanitary and free of odour no matter how frequently they are used.

GreenLogic's technology eliminates the need for toxic odour-masking chemicals and expensive plumbing charges due to blockages. When installed in new or refurbished facilities, GreenLogic waterless systems enable the downsizing of cisterns and pipe work, saving hundreds, or even thousands of pounds in infrastructure expenditures.

A typical GreenLogic installation pays for itself in water savings in less than a year!

To make waterless urinal operation easier for our customers, GreenLogic is pleased to offer a urinal maintenance service. Our trained technicians will regularly visit your location to carry out all of the maintenance tasks needed to ensure trouble-free urinal operation. It is an easy and affordable way to ensure that your facilities remain clean, sanitary and in proper operating condition.

Calculate the Savings

3 YEAR COMPARISON (Based on 3 urinals)

	*Water Costs	*Variable	*Savings
Year 1	£795	£550	£245
Year 2	£795	£350	£445
Year 3	£795	£350	£445
TOTAL	£2,385	£1,250	<u>£1,135</u>

*Installation and running costs in the first year are variable depending on the system tailor made for the specific site.

Isn't it time to take a hard look at the advantages of
GreenLogic waterless urinal technology? For more information, contact:

Audrey Simpson at: 01977663230 and SAVE!

Environmental Solutions

