

How to cut water use in your organisation

FAQs

- Is this session being recorded? Yes, we will send a link to watch and share after the session.
- Can I get a copy of the slides? Yes, we will send a link to download them after the session.
- How can I ask questions? All lines are muted so please use the Q&A function, if we run out of time we will follow up with you separately.

Agenda

- Introductions
- About Ecoprod and The Water Retail Company
- An overview of water saving products
- Changing people's behaviour & organisational culture to make water saving the default option
- Ideas for reducing bottled water use in your organisation
- Advice for cutting water use in high water use areas
 - Kitchens
 - Washrooms
 - The garden
 - Air conditioning
- Putting in place an effective installation, monitoring and maintenance system
- How intelligent water management systems can help you understand and reduce your water use
- Tracking the success of your water management plans
- How switching your retail water company can help
- Questions

Introductions

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About Ecoprod



About The Water Retail Company

- We offer highly competitive pricing for water and sewerage services for large and multi-site customers
- Water efficiency is at the heart of our business
- We work with clients to develop a strategic efficiency plan that uses technology and innovation to drive down bills through reduced water usage, reduced effluent discharge and reduced surface water drainage

Why water saving is important

- We are already seeing the impact of water shortages due to climate change in the UK
- Daily use needs to be reduced from 140 litres per person to 100 litres per person or lower
- Cutting water use also saves you money and reduces your carbon footprint as well as enabling you to demonstrate your commitment to sustainability

An overview of water saving products

Urinals and toilets

- Switching to waterless urinals will save you up to 100,000 litres of water per urinal per year
- Waterless urinals are also easier to clean and maintain so your costs reduce in those areas too
- Switch toilets to dual flush cisterns
- Regular maintenance is important – leaking toilet cisterns can waste between 400-600 litres of water per day

Water saving taps

- Taps left running is one of the most common sources of wasted water in organisations
- Sensor taps ensure that water is only running when it is needed
- They also offer improved hygiene and cleanliness
- Switching to sensor taps also cuts your energy usage as you need less hot water
- Using sensor taps can reduce water usage by up to 70%

Showers

- Encourage staff and customers to limit the time they spend in the shower
- Install water efficient shower heads which can cut water use by up to 40%
- If you're refitting your shower rooms then you can install purpose built water saving showers

Changing organisational behaviour

Changing people's behaviour

- The best way to save water is by encouraging simple behaviour changes amongst your staff
- Create a water saving culture in your organisation
- Run a staff awareness campaign
- Encourage staff to submit their water saving ideas
- Talk about your water saving policies and procedures in staff induction sessions and team meetings
- Advice applies to your supply chain, visitors, customers

Reducing bottled water use

- Plastic bottles are a big source of environmental pollution
- Install a sustainable water dispenser
- Give each employee a refillable water bottle
- Educate employees on the negative effects of water bottle waste
- Incentivise employees for using reusable water bottles
- Every litre of bottled water takes 3-6 litres of water to manufacture
- UK tap water undergoes much more rigorous testing than bottled water

Advice on cutting water use in high use areas

Kitchens

- Encourage filling sinks for washing up rather than leaving taps running
- Move to push or spray taps if sink is just used for rinsing cups
- Look at the different dishwasher programs to ensure you're using the most efficient one
- Point of use water heaters are much more efficient in terms of energy and water usage
- Think about installing plumbed-in water coolers
- Use kitchens to promote your messaging to staff

Washrooms

- Waterless urinals can save 100,000 litres of water per urinal per annum
- Reduced flow taps can save up to 70% of water usage
- Check the programming of your sensor taps to reduce flow time
- Electronic showers can also hugely reduce water use by reducing the flow and the automatic flow times
- Install cistern displacement devices or dual flush retrofit devices in toilets

The garden

- Analyse how much water your water features use, consider evaporative loss and ensure water is recycled into the system
- Use drought tolerant plants in your garden
- Mulch your flowerbeds and pots so they retain moisture better
- Water plants early in the morning or late in the evening
- Rainwater harvesting – install water butts and tanks to make use of rainwater
- Consider living wall features which can be rain fed or use grey water

Air conditioning & cooling towers

- Use the appropriate air conditioning system – some use water, some don't
- Is the maintenance regime for your cooling tower water efficient?
- Use fans and natural ventilation where possible
- If using evaporative air conditioners then set your thermostat to 24c for most efficient operation
- You can harvest condensation from air conditioning to recycle it for other uses
- Ensure you switch off heating and cooling when the building isn't occupied

Monitoring water use

Putting in place an effective installation, monitoring and maintenance system

- Have a regular maintenance regime even if things seem to be working fine
- A lot of problems can be hard to spot
- Encourage staff to report any issues they come across
- Monitor water usage and check for leaks
- Ensure you have the right loggers and meters
- Get equipment professionally installed – this may automatically include after sales support or maintenance continuity

Intelligent water management systems

- Aqualytics Flowless intelligent water management system monitors water usage within your building 24/7
- It learns about water usage patterns in your organisation and immediately alerts you to any potential problems
- It can help you spot leaks before they become a problem
- It can automatically shut off the water (or enable you to do it remotely) in the event of detecting a problem

Intelligent water management systems

- Conti+ CNX enables the complete management of up to 150 connected products such as taps, showers or urinals
- You can manage tasks such as hygienic flushing and thermal disinfection remotely
- All safety routines are logged for future reference
- Conti+ Service App enables water flow and hygiene controls via mobile phone or tablet

Tracking the success of your water management plans

- Talk to your water supplier about smart metering and online billing
- Smart meters give you the data you need to properly monitor and understand your water usage
- Measure the before and after water usage levels relating to any changes you make
- Ask suppliers if they can help you with measurement of water savings and ROI calculations

How switching your retail water management company can help

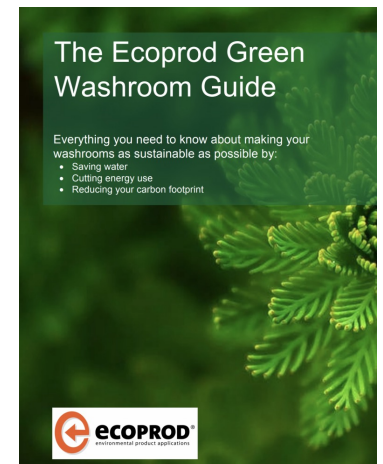
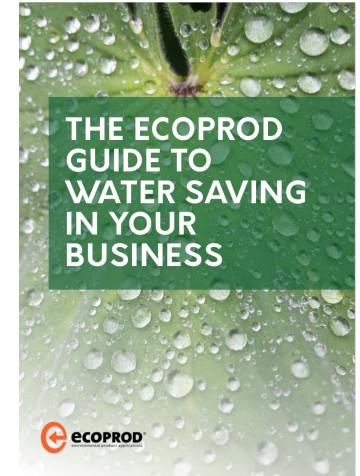
- The Water Retail Company specializes in helping clients develop strategic water efficiency plans using technology and innovation to drive down bills through reduced water usage, reduced effluent discharge and reduced surface water drainage.

Other resources

- [Green washroom guide](#)
- [Guide to water saving in your business](#)

- Webinar 13th October “[why choose waterless urinals for your washrooms](#)”

- Drop us a line to arrange a 1-2-1 call or site visit
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Questions?

Thank you very much

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