

How to make your washrooms greener

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
- What makes a green washroom?
- Overview of green washroom technology
 - Urinals
 - Toilets
 - Cubicles
 - Bins
 - Taps
 - Sinks and soap
 - Lighting
 - Cleaning
 - Drying
 - Ventilation
- Questions

Introductions

Rachel Clinton



Marcus Rose



About Ecoprod



What makes a green washroom?

- Using less water
- Saving energy and minimizing your carbon footprint
- Reducing chemical use; choosing responsibly sourced ecological cleaning products
- Designed with hygiene in mind
- Designed for minimal and effective maintenance regimes

Why being greener also saves you money

- Green solutions typically only get adopted if they also save money
- Cutting water use reduces your water bills
 - Waterless urinals save 100,000 litres of water per urinal per year
 - Low flow taps can reduce water use by 70%
- Greener options are often also lower maintenance and require less cleaning
- Cutting your water use also reduces your energy bills

How waterless urinals work

- Waterless urinals are better than flushing urinals
 - They don't use any water
 - Much more hygienic
 - Cleaner and lower maintenance costs
 - Odour-free
 - Chemical-free
- URIMAT's patented ActiveTrap technology
- Self-cleaning waterless urinals are now available

Making your toilets more sustainable

- Fit cisterns with volume adjusters that reduce the amount of water used in each flush
- Retrofit variable flush or siphon mechanism to existing toilets
- Use a flush control system on traditional urinals
- Manually shut off water to urinals or install a timer if usage times are predictable

Environmental impact of cubicles, screens and flooring

- Consider the environmental credentials of all materials
- Think about durability – more expensive options will tend to last much longer and require less maintenance
- Modern materials are also easier to clean and harder to damage
- We work with [formwise washrooms](#) and can call in expert advice where needed

Sourcing environmentally friendly toilet paper

- Look for toilet paper with a high percentage of recycled paper
- Use unbleached paper and / or paper that's processed without chlorine
- Take steps to reduce toilet paper usage
- Cheaper paper is often a false economy as people need to use more of it – go for a minimum of 2 ply and preferably 4 ply

Litter bins and sanitary bins

- Provide sanitary bins in every cubicle
- Discourage flushing of pads and tampons as this causes blockages as well as contaminating the waterways
- Look at products like [Fab Little Bag](#)
- Signage can educate users
- Reduce cleaning costs by minimizing amount of waste and litter that ends up on the floor
- Sensor bins and pedal bins are more hygeinic

Installing low flow sensor taps

- [Sensor taps](#) use much less water
- They are more energy efficient with green energy options
- Cleaner and more efficient
- Much more hygienic
- Customers increasingly expect to see sensor taps in public washrooms
- Options for automated hygiene controls – easily managed with centralised [platforms](#) or [service apps](#)

Lowering the impact of handwashing facilities

- Effective sink design can reduce water usage and amount of cleaning needed
- Flat bottomed designs don't allow dirt to effectively wash away
- Good sink design discourages splashing onto countertops, surrounds and floor
- Deep enough to prevent water spilling out

Soap dispensers

- Some [modern sensor taps](#) can remove the need for soap dispensers altogether
- Choose an environmentally friendly brand of handwash
- Install a refillable liquid soap dispenser and buy refills in bulk
- Glass is a better option than plastic bottles
- Choose contactless / sensor soap dispensers

Showers

- Showers can use a lot of water if not managed correctly
- Timer controlled showers remove risk of users leaving the shower running
- CONTI+ showers offer precision electronic control of valves so the shower cannot drip
- Shower panels made from 100% antibacterial materials make cleaning the shower easier, reducing need to use harsh chemicals

Cutting energy use through smart lighting choices

- Upgrade old lighting to LED solutions
 - Improve light quality
 - Generate energy savings of up to 80%
 - Lower your energy bills
 - Reduce your overall carbon impact
 - Improve your health and safety
 - Reduced maintenance costs & processes
- We work with [Ineco Energy](#) who can also advise on grant funding and financial incentives.

Environmentally friendly cleaning options

- Reduce harsh chemicals
- We recommend [MB ActiveCleaner](#) for most washroom cleaning
 - Versatile
 - Far more economical
 - Simple and quick – no scrubbing needed
 - Reduces chances of blocked pipes
 - Eliminates source of odours rather than simply masking them

Environmentally friendly cleaning options

- We recommend the oXan range from CONTI+:
- oXan is a revolutionary new non-alcohol disinfectant that represents an ecologically and economically valuable alternative to conventional disinfection methods.
- [oXan Fresh](#)
- [oXan Clean](#)
- [oXan Zero](#)

Impact of hand dryers and paper towels

- Two aspects of paper towels to consider
 - Impact of the manufacturing process
 - Impact of disposal after use
- Consider moving to sensor activated / touch free dispensers
- Hand dryers tend to be the environmentally better option
 - [Mistubishi Jet Towel](#) reduces carbon footprint associated with hand drying by 85%

Ventilation systems

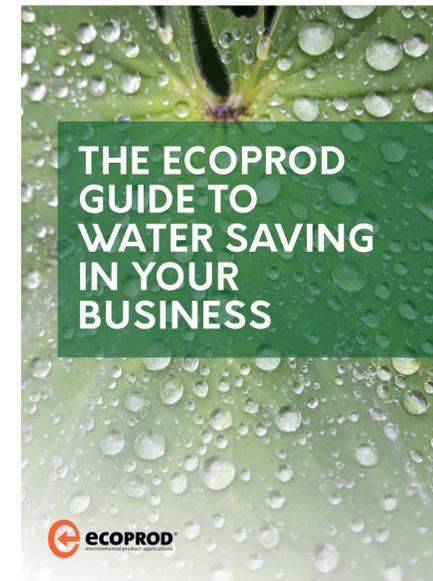
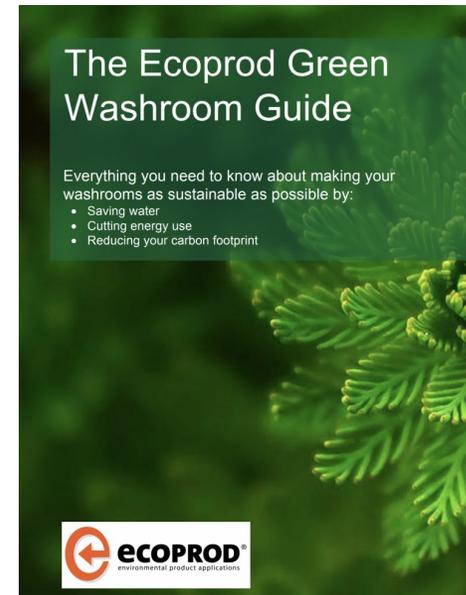
- Good ventilation is vital
 - Without it you'll get problems with odour and condensation
 - This will degrade your washroom's fixtures and fittings
- Maximise use of natural ventilation to reduce need for electric air extraction
- If needed install a reliable extraction system that covers all areas of the washroom

The importance of ongoing maintenance

- A lot of water and energy in washrooms is wasted because of lack of correct maintenance
- Letting small tasks slide results in much higher water and electricity bills
- Planned maintenance schedules that are adhered to deliver longevity of products, reduced risk and ultimately lower costs

Additional Resources

- [Green Washroom Guide](#)
- [Water Saving in you business guide](#)
- [Product Brochures](#)



Questions?

Thank you very much

0844 800 7890

enquiries@ecoprod.co.uk

www.ecoprod.co.uk

