

Water Efficiency Conference
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Water Reuse Technical Committee

A View on the Current State of the Art in Water Reuse Technologies

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Overview

Water reuse is a critical path to water efficiency:

- 1. Drivers**
- 2. Barriers**
- 3. Technologies**
- 4. Benefits**
- 5. Innovation**

Introduction to the Committee

1. Business

2. Government

3. Academia

- Codes & Standards
- Cost & Maintenance
- Information Sharing & Awareness
- Uptake

Activities

- **Reviewing Evidence**
- **Scope of Work**
- **Regulation**
- **Grey Water Development**
- **Commercial Grey Water**
- **Public Awareness & Engagement**

Current Study

- Bicester Eco Town



Key Findings

- Getting survey response is difficult
- There is not enough focus on ‘water issues’ in general
- Water reuse Schemes are often included just to gain *points*
- Too often they are ‘budgeted out’ !
- Water Companies need to engage with water reuse schemes

Future Program

- We need to generate data demonstrating the benefits of water reuse technologies
- Water stressed areas need encouragement to utilise water efficient technologies – Planning requirements or government incentives?
- National Standards for installation and maintenance
- Engagement of Water Companies. Need to be informed and check for contamination concerns

Summary

- Codes and standards need reviewing, made simple, and incorporated in Building Regs.
- Manufacturers need to ensure that systems are easy to install and operate – and are cost effective
- National standard for installation and maintenance
- Water Companies need to be engaged