



British
Hydrological
Society

South East Section

Using Water Better – Water Efficiency, Supply and Demand and Hydropower

Thursday 29th April 2010
18:30 hrs

The Institution of Civil Engineers
One Great George Street, London
(Nearest tube: Westminster)

Recent years have highlighted the challenges in dealing with stressed water resources and high demand. This pressure on water resources is set to increase through increased demand arising from growth in the South East Region. With the availability of Water Resources options in the South East diminishing, the need to maximise the savings from water efficiency increases.

Speakers from industry and the Environment Agency will describe the challenge of utilising water more efficiently.

1) Water Efficiency:

Helen Chapman, Water Efficiency Consultant, Thames Water

Thames Water sees water efficiency as an essential component of sustainable water resource management. The presentation will discuss the drivers for water efficiency with reference to the Thames Water supply area. It will also cover the key water efficiency activities, devices and research and development that contribute to water efficiency strategies. The findings of the key large scale water efficiency trials undertaken to date will be covered as well as a description of the benefits arising from water efficiency in the context of the supply/demand balance. Finally Thames Water's plans for the future and the importance of Integrated Demand Management in providing the benefits from water efficiency will be highlighted.

2) Hydropower

Tim Reeder, Regional Climate Change Programme Manager, Environment Agency

The Environment Agency is keen to support Hydropower development where sustainable. In Thames Region we are taking a proactive measured approach to developing the hydropower potential on our own River Thames weirs. The first pilot, which will power Windsor Castle, will be operational later this year, and we are now progressing the second phase of three more weirs. In addition we are working with communities to develop schemes at Osney in Oxford and at Goring on Thames. The issues surrounding this will be covered.

There is no charge to attend this meeting and both BHS member and non-members are welcome.

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