

# European Water Treatment Simulator

An open workshop on “Developments in Water Treatment Modelling”, organised by TECHNEAU , was held in Delft in June 2006. The 40+ participants discussed the role and value of treatment simulators and concluded that a state-of-the-art system would bring benefits to operation, research and training. Existing simulators each offer different features and processes but no current individual system offers what is needed.

Five water treatment modelling packages have been examined in detail: OTTER (WRc), Stimela (TU Delft), METREX (TU Duisberg), WatPro (Hydromantis) and WTP (US EPA).

After discussion between the partners, OTTER and Stimela have been selected as the basis of the framework for the new WTS.

These existing simulators include models for the most commonly encountered treatment processes and water quality parameters and they will be integrated into the new framework.