



Centre for Alternative Technology Canolfan y Dechnoleg Amgen

Beginner's Guide: Reedbeds For Treating Wastewater (1 day) **20th June 2009**

This introductory day is for anyone interested in reedbeds and constructed wetlands for low-impact ecological sewage treatment, from consultants through to householders and enthusiasts. The day will introduce you to the principal types of treatment system and how they work, and you will also look at materials, construction and the operation of effective systems. Half the day will be theoretical and half practical as we tour CAT's several sewage treatment systems.



COURSE OUTLINE

- 11:00:** Introduction to reed beds: What are they? How do they work? When and where are they suitable? What different types of reedbed are commonly used?
- 11:45:** Vertical Flow and Horizontal Flow reedbeds: how they work individually and in combination. Construction issues including materials and plants. Fitting it all together: primary, secondary and tertiary stages, effluent dosing and distribution.
- 13:00:** Lunch.
- 13:45:** Tour of CAT's reedbed sewage treatment systems including primary treatment, reedbeds, tertiary treatment and willow beds, and a chance to discuss any personal projects with the experts.
- 15:45:** Course ends.

Please bring sturdy shoes and warm, weatherproof gear. CAT has an excellent organic whole food restaurant where lunch can be purchased.

CONTACT CAT COURSES



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