

The Use of Land as a Biofilter

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SUMMARY

Surveyors are beginning to take an increasingly active role in environmental protection. One aspect of this is the use of land as a biofilter to treat a range of liquid effluent. Now, with the increase in the use of energy crops, there is the opportunity to double the returns, both economically and environmentally by using some of the new energy crops as either a bio-filtration system, or as a mop crop to treat a range of liquid wastes. The use of traditional agricultural crops, across the world to treat agriculture wastes is common place.

However there is now a realisation that there is an increasing opportunity to use some of the new energy crop as a system of biofiltration or as a system of fito remediation to cope with a range of municipal and other agri food wastes. This not only provides agrionmaic benefit to teh crop, but also provides environmental benefits by providing an inexpensive cost effective way of recycling liquid effluents, and of providing additional expenditure at the same time to the farmer. The intension of this work package is to: - Review the activity across the world on the use of agricultueal crops, and energy crops in particular for the use of bio-filter. - To share knowledge between existing centres of excellence and the developing countries, where the technology maybe less developed. - To identify new oppourtunities for this technology and to identify areas for future development.

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