NaturEtrade creating a marketplace for ecosystem services

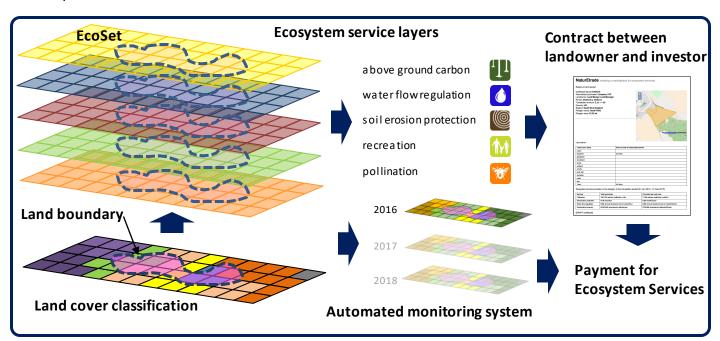
About

Urbanisation and infrastructure changes in the EU degrade around 1500 ha of bio-diverse land each day, resulting in the loss of ecosystem services. These valuable services mitigate environmental change, support the sustainable use of natural resources and provide natural habitats.

Landowners are familiar with government grants to conserve biological and cultural features. However there is now a need for non-government Payment for Ecosystem Services (PES) schemes to be developed and mainstreamed.

Aims

- Create a web-based system that enables landowners to assess their land's ecosystem services. These tools, based on complex science and generated via a super computer in Oxford, will be easy to use and information will be readily understandable.
- Establish a web-based trading platform to enable private and public sector investment to ensure supply of ecosystem services from European land.



Coordinating organisation:

University of Oxford - oxlel.zoo.ox.ac.uk

The Oxford Long-term Ecology Laboratory (OxLEL), headed by Professor Kathy Willis, provides robust ecological, socio-economic information that supports ecosystem planning, accounting, and reporting at local and national levels

NaturEtrade builds upon the highly acclaimed Local Ecological Footprinting Tool (LEFT) – a decision support tool for evaluating the pattern of relative ecological value across a landscape.

Associated organisations:

Sylva Foundation – sylva.org.uk

Sylva develops web-based land stewardship systems which aim to provide land managers with environmental information and resouces to support sustainable land management practises.

Institute of New Economic Thinking (INET), University of Oxford - <u>inet.ox.ac.uk</u>

INET is a multidisciplinary research institute dedicated to applying leading-edge thinking from the social and physical sciences to global economic challenges.







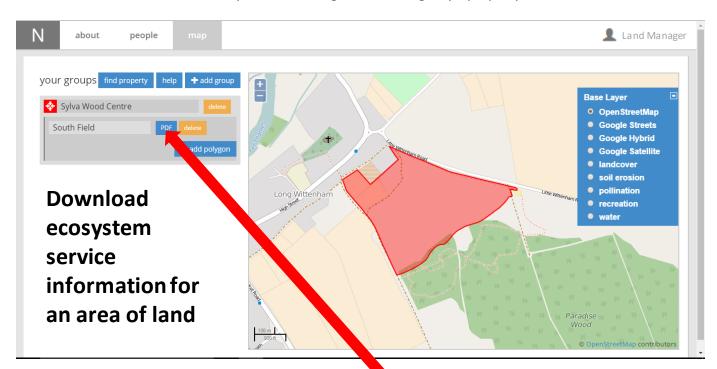




NaturEtrade creating a marketplace for ecosystem services

Landowners and managers

Create a free account and identify the land using the Land Registry's property boundaries.



Investors - payment for ecosystem services platform (in development)

A trading platform will enable beneficiaries (investors) to search for ecosystem services on the NaturEtrade marketplace and pay landowners for the services derived from their land.

An online payment for ecosystem services system will provide a quick and secure basis for landowners and investors to create legal agreements.

Details will be provided of the five ecosystem services that are paid for by the investor and a schedule for the agreed payment to the landowner over the contract period.

www.naturetrade.ox.ac.uk

