

ezytreev

Tree, TPO & Asset Management System



INFORMATION GUIDE

www.ezytreev.com info@ezytreev.com tel.: +44 (0) 330 223 11 33



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A consistent performance and active commitment to customer service has made ezytreev market-leading software in the UK & Ireland urban tree management industry for over 20 years.

1. What is ezytreev?

Tree, TPO & Asset Management System

Recognised for delivering efficient data collection, inventory analysis and maintenance of trees and physical assets located within public and private urban and green areas.

ezytreev is the market leader in the arboricultural industry. It has been the leading software in the UK & Ireland urban tree management industry for over 20 years. Well known for consistent performance with an active commitment to customer service.

ezytreev is Cloud based, delivered via the Internet and requires both: Citrix Receiver/Workspace to be installed on laptops/desktops together with an Internet Connection/Web browser.

ezytreev integrates with Geographic Information System (GIS) Mapping showing tree/asset location and it is optimized for the use on desktop and mobile devices, online or offline.

ezytreev Cloud allows end-users to access the ezytreev system via the Internet, without the need to install the application on a local PC or LAN. Different levels of access permission can be set according to the user's position and function. Users can access data from any location.

ezytreev is modular in design, which makes it perfectly scalable to any organisation's requirements and budgets. Starting from the inventory and analysis database which is operational on its own, ezytreev can be extended further into a fully-comprehensive management system by including its specialised add-on modules.

2. Devices ezytreev can be used on

ezytreev is compatible with a wide range of devices for data collection and works recording/monitoring in-the-field, using the latest Android, iOS and Windows 10 devices.

3. Integrated SmartSync System

ezytreev's SmartSync system allows on-site data collection with all the advantages of a 'live' link. The system offers the reassurance that work is never suspended due to limitations on connectivity to the Internet. Anyone working in the field has full access to all trees/assets/TPOs and all mapping at all times. Seamless syncing of changes between handheld devices and the central server occurs whenever a data connection is available. Enquiries, TPO applications, works orders and notifications are received immediately by the those who need to action them.

4. Benefits of adopting ezytreev

1. Increase in work efficiency and higher processing capacity by optimised use of resources;
2. Informed and faster decision making;
3. Improvement in quality and consistency of data monitoring;
4. Uniformed tree maintenance and risk assessments procedures across sites;
5. Optimised communications and collaboration between tree officers, inspectors and contractors;
6. Early prevention of safety hazards and minimized risk of liability for injuries and/or damages caused by trees and playground equipment;
7. Contribution to the achievement of long-term management plans;
8. Secure digital data storage and data backup to prevent the loss of information and allow your team to carry on their work in case of unexpected circumstances such as power outage, roadworks, bad weather conditions;
9. Easy integration with various bespoke applications;
- 10.Reduction in paperwork.

Ready to get started?



Perfect solution to perform all management activities with maximum efficiency and minimum paperwork

5. ezytreev users

ezytreev is designed to be incorporated into a wide range of tree or assets management scenarios. It is largely used by local authorities such as county or city councils and their contractors, housing associations, universities, zoos and large independent consultancies.



"We have had the ezytreev system for the last two years and it has much improved the way we organise and prioritise our tree management. The staff are always very helpful and we are pleased with how the system has turned out."

Oxford City Council



"The University has been using ezytreev to manage its tree stock for over 10 years and would happily recommend it to any organisation requiring a responsive, reliable tree management software package. We are very satisfied with the software and find the support staff extremely helpful and knowledgeable."

Loughborough University



"ezytreev is user friendly, can be adapted to suit different needs and has an excellent, helpful and friendly support team. Our staff have experienced several tree database systems and we all agree that there is simply no better system than ezytreev."

Islington Council



"It has been great to witness how ezytreev has evolved due to a strong impetus to develop and improve. From our experience it is synonymous with progression and never allows itself to rest on its laurels. We enjoy using and appreciate the power of the software as well as the family of people behind it that keep it a step ahead of the rest – so keep up the good work!"

Fareham Borough Council



"We are very pleased since obtaining ezytreev as it's been an easy transition and the helpdesk is simply fantastic."

Kirklees Council



"Our tree and asset management is now fully efficient, accurate and auditable."

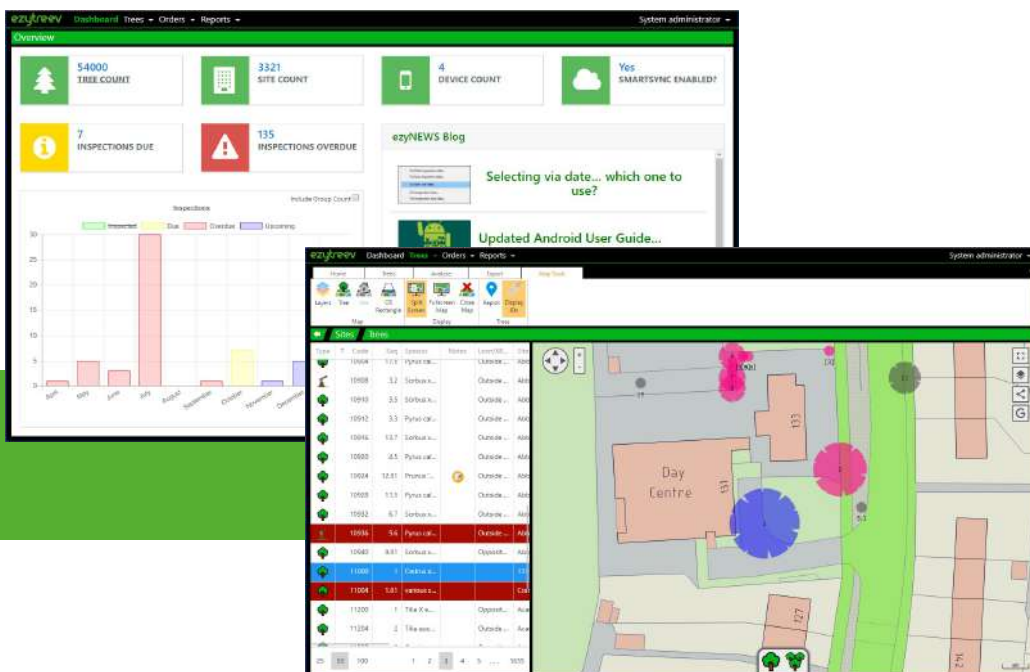
London Borough of Sutton



6. What the users are able to do with ezytreev

The system is feature-rich and allows its users:

- To carry a systematic data collection and analysis on a large number of trees or assets enabling users to review and monitor the state of the urban green spaces;
- To keep records, retrieve and display all the technical inspections, with ability to attach image files to records;
- To forecast future workloads and justify budgets based on maintenance regimes and inspection results;
- To document maintenance requirements, schedule and generate work orders and update the system after the completion;
- To provide feedback to individuals responsible for tree/asset care or maintenance;
- To record and progress tree related enquiries including an ability to integrate with corporate CRM systems;
- To determine the amenity value of trees and/or the total value of the tree stock;
- To setup customisable data fields and generate customisable reports allowing users to tailor the data format to meet their data collection or analysis needs.



7. ezytreev software interface

Designed for simple data entry and retrieval ezytreev has a user-friendly intuitive interface, it is easy to navigate and with basic training users are happy to operate the system independently. The same icons are used for the same type of operations, allowing users to navigate around the system easier. Colour coding is widely used by the system, for example to highlight the sites and trees with overdue inspections or with recommended works. Searching and reporting is a simple and straightforward process with automatic inclusion of the maps. The system offers you a set of information on a dashboard when you first log in, detailing the number of inspections overdue or imminent and also whether there is outstanding works. All features, trees, assets and plots can be inspected on the data-collection devices. GPS is used for navigation around the maps, it will automatically display a map based on your location.

8. Data presentation and export

ezytreev data can be organized and presented in a neat and concise manner segregated by sites or by tree attributes. Various colour codes are used to indicate the priority of the work or the state of maintenance jobs. Several forms of data outputs can be generated with ezytreev (e.g., maps, graphs and tabulations). ezytreev has different types of reports - detailed, cross-tab and summary and with the ability to select out the required attributes to be displayed, offers a wide variety of reports which can be generated. Data and reports can be exported into Microsoft Word, Excel, HTML and other suites and can be used with other applications such as i-Tree. ezytreev allows users to tailor the data format to meet their data collection or analysis needs by setting-up Customisable data fields and generating Customisable reports. Users can create and save frequently used templates.

Opportunity to set-up customisable data fields and generate customisable reports to meet your data collection and analysis needs

Featured Modules



web interface available

9.1. Module: ezyTDI -Tree Data Inventory and Analysis (operates as stand-alone, required for tree management)

ezytreev's Tree Data Inventory module (ezyTDI) comprises a complete tree inventory and history of the tree stock including digital photos and documents associated with each tree. All history of inspections is stored in the individual feature on the desktop. The module is equipped with an extensive search and select facility, allowing the user to search on any attribute assigned to the tree, as well as location, site type, owner, inspection due date etc. ezyTDI offers fully user definable tree data analysis & reporting with automatically generated maps.

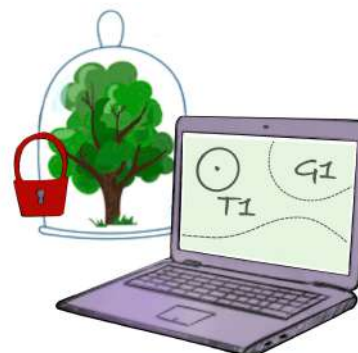
ezytreev allows for user definable risk calculations to be recorded and managed. This can be through user definable codes or scoring, which can be placed against the 'site features' etc.

It allows flexibility with the configuration and the system will colour code the resulting risk priorities in the browse list to highlight the high, moderate and monitor risk categories.

ezytreev also includes as standard the QTRA calculator. Amenity valuation such as CAVAT or other methods can be included in the ezyTDI module.

If required, all data can be seamlessly exported to Excel with the click of a button. This module can be used as a stand-alone module (in combination with ezyMap) or linked with other ezytreev modules.

Modular in design and scalable to any organisation's requirements and budgets



9.2. Module: ezyTPO -Tree Preservation Order Management (operates either as stand-alone or as additional)

ezyTPO manages all processes associated with making and managing Tree Preservation Orders (TPOs). The module caters for various methods of identifying trees for a new TPO, whether you are carrying out a survey, plotting trees while on an enquiry visit, reviewing an old TPO, creating a TPO from a conservation area (s211) notice or are plotting the trees manually from another source.

The system allows users to:

- plot, survey & amenity-assess potential TPO trees on-site;
- prepare and serve a TPO in a few simple steps, using survey data;
- manage the TPO consultation & confirmation process;
- carry out on-site review surveys of existing TPOs;
- review, replace or revoke existing TPOs;
- process TPO applications & notices, including validation, site visits & appeals;
- generate all standard letters, legal documents, site notices & reports;
- associate photos, documents, reports & letters.

Despite TPO processes being largely dictated by legislation, there's still plenty of scope for Councils to take differing approaches to various tasks ensuring that users are able to support their individual needs. ezytreev can be configured to operate in 'TPO-only' mode.

Featured Modules



9.3. Module: ezyAsset - Asset Management for Open Spaces (operates either as stand-alone or as additional)

ezyAsset provides a comprehensive set of features for managing public space assets including street furniture, lighting, signage, grass, benches, dog bins, shrub beds, barriers, bollards, fountains, bike racks, playground and other equipment. This module allows recording, inspecting, work scheduling, generation of job tickets and reports with associated maps.

ezytreev has an extensive search and select facility, allowing the user to search on any attribute including user definable attributes, which have been assigned to the asset, as well as location, site type, owner, inspection due date etc.

This module can be used as a stand-alone module (in combination with ezyMap) or linked with other ezytreev modules such as Works Ordering and Budgeting (ezyWOB) and Enquiries & Complaints (ezyE&C) with optional links to a corporate CRM system.

Early prevention of safety hazards and minimized risk of liability for injuries and damages



9.4. Module: ezyE&C - Enquiries & Complaints (operates as additional)

ezyE&C module provides the user with powerful tool for dealing with incoming enquiries including recording & progressing from initial receipt through to resolution. Appropriate maps & tree/asset data can be associated with individual enquiries allowing enquiry information to be accessible on-site via handheld devices. ezytreev can colour code, filter & search enquiries, create performance & status reports, store incoming correspondence & generate customisable standard letters and emails.

For most Council owned tree system users, the default set-up is sufficient for most needs. However, protected tree system users tend to have a more diverse range of enquiries to deal with, and need to have a greater degree of control over enquiry status codes, types and the resulting enquiry priorities. This module enables users to define the parameters.

Direct integration with the works ordering module enables users to automatically produce orders for any recommended works. The module also integrates with tree inventory, data collection & TPO modules. Enquiries automatically entered via a CRM system or public portal will be sent to the allocated officers device in real time.

Featured Modules



9.5. Module: Works Ordering and Budgeting (operates as additional)

The module allows users to formalise the process of instructing contractors and/or in-house teams to carry out works and to record and monitor the status of the works orders. The module is also designed to generate work orders based on planned maintenance regimes, inspection surveys or from day to day enquiries. The system allows the ordering of works against a contractor's schedule of rates, although work items may also be entered and/or priced on an ad-hoc day rate or quotation basis where necessary. Multiple contractors with multiple sets of rates for each are allowed, and any contractor and any schedule of rates may be selected for any order as required. The costs associated with these works can be allocated against the appropriate budgets allowing better planning & management of the works ordering process. In addition, the system allows costs to be put initially into any defined 'budget year', and then unordered works can be moved between years as priorities change. Works orders can be automatically assigned & emailed to the appropriate contractor. The module integrates with ezyTDI and ezyE&C, links to contractors' interface.

Optimised communications,
better record keeping,
closer work monitoring,
plus timely invoicing



9.6. Module: Contractor Plus Interface (operates as additional)

The Contractor Interfaces offer many advanced features that cater to the specific needs of contractors and operations managers. Work is received electronically via the interface as soon as ordered. Managers can then allocate and issue work to individual crews, who will receive the work instantly on a tablet or phone. A crew views the work required with the relevant trees/assets on interactive mapping and signs jobs off as soon as completed.

SmartSync allows progress to be monitored back at the office immediately. The device will show only those open jobs allocated to the particular team and updates as work is marked complete, maintaining a live list of outstanding work for the team.

Contractors have to wait for the work to be approved by the Tree Officer, before they can request payment. Within the Contractors Interface, there is the ability for the Contractor to query any works or details about a tree. Tree Officer is able to raise default notices if the works has not been completed as requested or on time etc.

Contractor Interfaces allow better record keeping, closer monitoring of work, plus more accurate and timely invoicing.

Featured Modules



Web interface available

9.7. Module: Integrated ezyMaps Mapping System (required for all systems)

ezyMaps allows users to view the location of surveyed trees, TPOs, assets & other features on digital maps. This base mapping may be combined with imported overlays in Tab or ShapeFile format, aerial photography & user-defined map layers or icons to create a highly customisable, fast, low-cost mapping system which matches the capabilities of many specialised GIS systems. The same mapping used on the desktop is available to surveyors in the field. ezytreev also provides an integrated LLPG or Web based 'street gazetteer', allowing rapid identification of the location of a tree in a given town, street or even individual property & zoom directly to it.

All mapping and tree/asset data are available on all devices at all times



10. On-site data collection

ezytreev allows users to collect tree, TPO or asset data using their hand-held devices. These include tree, asset and TPO surveying as well as TPO reviews, applications and enquiry processing. All mapping and tree data is available on all devices at all times. It will automatically display a map based on the location with high accuracy in real time.

GPS is used for navigation around the maps. ezytreev is compatible with a wide range of devices for data collection and works recording/monitoring in-the-field. Apps are available for Android, iOS and Windows devices. All devices run independently without the constant requirement of the Internet. If connection is lost, inspections can carry on. ezytreev SmartSync will automatically synchronize all the devices when a connection to the central server is established. The system will identify updates to be made, and then merge them wirelessly over Wi-Fi, 3G & 4G across platforms. 'Species' and 'Priority' are mandatory fields when inspecting and recommending works. This is to ensure no recommendations get overlooked.

ezytreev allows recording of many other attributes important in urban tree inventories including but not limited to:

- Species;
- Size including diameter at breast height (dbh), height, crown spread, maturity;
- Tree location;
- Tree condition such as vigour, health, life expectancy, hazardous condition, damage or other injury information (insects, diseases);
- Maintenance needs and recommended actions;
- Other user definable categories.

Supplementary information can be added against many of the attributes. When carrying out an inspection previously recorded details are displayed on the device. The date and time will be automatically updated, as well as the inspector's name. The existing inspection data will be moved into history where it will be stored for further information.

11. Customer support

ezytreev application and platform support is provided by our own internal team of engineers based in Chesterfield, UK. We have a Support Desk call logging system – you can contact our support desk between 8am and 6pm Monday to Friday, via phone or e-mail. The support team will try to resolve the issue during the initial contact as all support team members are technical engineers. If your call is not resolvable on first call, you will receive an e-mail with a call reference number. The call will then be progressed through to completion. With your approval the support team will be able to access your system on the Cloud, to shadow your current desktop session and assist with any training requirements.

The users are advised to complete the required module training prior to accessing the ezytreev customer support in order to ensure their full systems understanding and better user experience.



Training offers an ideal opportunity to refresh your employee's existing knowledge of ezytreev or to introduce new users to the system

12. Training

With ezytreev being a bespoke package, training is delivered by our implementation team. ezytreev offers a Training Credits Scheme which is designed for you to get the most out of the various ezytreev modules. Training Credits are allocated based on the size of the installation and can be used during installation and on-going training. Additional training credits are issued each year with the annual maintenance renewal and they last for 12-months. They can be used for attending training workshops, on-line sessions or on-site visits.

Our Training Workshops offer multi-client, hands-on training in a flexible group setup. These offer an ideal opportunity for you to come and improve your knowledge, to target specific ezytreev modules to introduce new employees to the system.

Our online training sessions are delivered in blocks of 1 - 2 hours and are excellent for brushing up on your skills or introducing a new user to the system. We can offer one-to-one sessions or sessions for multiple participants. Client Specific Training can be held at our Chesterfield offices or client's site.

ezytreev also offers a Data collection Accreditation scheme for industry professionals new to the system and wishing to broaden their skills and open up opportunities to work with a broader range of clients.

Everyone trained on our Android, iOS or Windows 10 data collection apps (or our new cross-platform 'Onsite' app) will be issued with a certificate of accreditation for the ezytreev Onsite module and added to a register of accredited users.

Whether you're an employer looking to recruit new staff or commission consultant surveyors, or you're a consultant or individual tendering for contracts or applying for jobs, ezytreev accreditation demonstrates competence in using the software, efficiently capturing data in a consistent way. Our customers are also welcome to use our online user-guides (with helpful detailed manuals available to download), our News section and ezytreev community forum.

13. Software Demo

We are happy to arrange an online or on-site demonstration to give you an overview of our solution, to show how our software package works, how it delivers value to its users, its specific tools, features and functions. Book your free Demo and let us show you why users from over 100 sites around the UK and Ireland decided to choose ezytreev. A free Data-collection demo app of ezytreev is available on your App Store.



14. RA Information Systems

ezytreev is developed by RA Information Systems, an IT company with breadth of knowledge and significant experience in installing, implementing and tailoring ezytreev products to the requirements of the individual site and integrating with existing corporate systems.

RA Information systems have partnerships and strong relationships with many industry specific organisations.



Ordnance Survey



Arboricultural Association



Association of Tree Officers



London Tree Officers Association



Municipal Tree Officers Association

15. How the system is implemented and updated

ezytreev will be installed on our dedicated hosted server. Data migration is achieved via our custom-built data migration tool which allows data to be acquired from any ADO accessible data source e.g. Excel spreadsheet, Access database, SQL database etc. Additional data can be derived from spatial data sources. The mapping data is provided by the user, generally in OS MasterMap format. It is then installed into the Mapping module allowing full integration with all ezytreev modules. The user-definable elements of the system are set up during implementation.

ezytreev product development is driven by end-user feedback and reacting to emerging technical trends and technologies. Upgrades to originally purchased modules are provided free-of-charge 'as standard' under the maintenance agreement. Being on the Cloud allows the software to update remotely, no involvement required from the end user.

16. How the data is stored

All data is hosted, stored and backed-up in the UK only. Our platform is based on industry standard solutions from Cisco, Microsoft and Citrix and hosted in a modern data-centre. The Centre provides physical and environmental security and the servers are accessible only by RA Information Systems Staff. All SQL databases are incrementally backed-up each night, and all server data is backed-up via DPM to an off-site 'warehouse' independent of the hosted environment supplier. Compatible virus protection ensures security of the system, whilst the ezytreev support team have full control over the servers 24 hours a day allowing them to address performance issues immediately. Our clients benefit from the scale and security of a multi-tenant cloud system without the need to manage, finance and deliver the platform internally.

You will have contractual ownership over your data, and will be able to either copy or export it to your own network 'on demand' at any time. The data stored on the system remains the client's property and will not be available for 3rd parties to access for any purpose.



User list

DISTRICT & BOROUGH COUNCILS

Aylesbury Vale District Council
 Babergh District Council
 Bath & North East Somerset Council
 Borough of Basingstoke and Deane
 Borough of Poole
 Bournemouth Borough Council
 Broxbourne Borough Council
 Central Bedfordshire Council
 Cherwell District & South Northants Councils
 Christchurch Borough Council
 Crawley Borough Council
 Dacorum Borough Council
 East Devon District Council
 East Lindsey District Council
 Erewash Borough Council
 Fareham Borough Council
 Halton Borough Council
 Hart District Council
 Hertsmere Borough Council
 High Peak Borough Council
 Hinkley & Bosworth Borough Council
 Kettering Borough Council
 Kirklees Council
 Lichfield District Council
 Maldon District Council
 Mid-Devon District Council
 New Forest District Council
 North East Lincolnshire Council
 North Somerset Council
 Oadby & Wigston Borough Council
 Rochford District Council
 Rotherham Metropolitan Borough Council
 Rushcliffe Borough Council

Sandwell District Council
 South Derbyshire District Council
 Southend-on-Sea Borough Council
 Staffordshire Moorlands District Council
 Stockton-on-Tees Borough Council
 Teignbridge District Council
 Test Valley Borough Council
 Three Rivers District Council
 Torbay Council
 Torfaen County Borough Council
 Wakefield Metropolitan District Council
 Walsall Council
 Warrington Borough Council
 Watford Borough Council
 Welwyn Hatfield Borough Council
 Weymouth & Portland Borough Council
 Wrexham County Borough Council
 Sedgemoor District Council
COUNTY COUNCILS
 Dorset County Council
 Dun Laoghaire - Rathdown County Council
 Flintshire County Council
 Fingal County Council
 Hampshire County Council
 Hertfordshire County Council
 Hert Full Stop (Hertfordshire)
 Huntingdonshire County Council
 Leicestershire County Council
 Norfolk County Council

CITY COUNCILS
 City of Bradford Metropolitan District Council
 Cambridge City Council
 City and County of Swansea
 City of Edinburgh Council
 Derby City Council

Glasgow City Council
 Leicester City Council
 Manchester City Council
 Newcastle City Council
 Norwich City Council
 Nottingham City Council
 Oxford City Council
 York City Council

LONDON BOROUGH

Barnet Council
 City of Westminster
 Enfield Council
 Enable Leisure & Culture - Wandsworth
 Harrow Council
 Islington Council
 Lambeth Council
 London Borough of Brent
 London Borough of Ealing
 London Borough of Sutton
 London Borough of Hackney
 London Borough of Hounslow
 London Borough of Newham
 London Borough of Redbridge
 Merton Council
 Richmond upon Thames
 Royal Borough of Greenwich
 Royal Borough of Kensington & Chelsea
 Tower Hamlets Council
 Waltham Forest Council

CONSULTANTS/CONTRACTORS

Amey Gloucester
 Amey Peterborough
 Carillion Integrated Services Limited
 Continental Landscapes
 Gristwood & Toms

Harrison Arboriculture
 Haydens Arboricultural Consultants
 Hi-Line Tree Contractors Limited
 Soundwood Tree Consultancy
 The Landscape Group
 Tree Fella Ltd

HOUSING ASSOCIATIONS

Bron Afon Community Housing
 Helena Partnerships Limited (part of Torus Group)
 Manchester Housing Association
 Tower Hamlet Homes
 Poplar HARCA
 Torus Housing Group
 Wythenshawe Community Housing Group

OTHER

Affinity Water
 Berks, Bucks & Oxon Wildlife Trust
 Chester Zoo
 Environment Agency
 Finesse Leisure
 Glendale Services
 Historic Royal Palaces
 Loughborough University
 North & Mid-Wales Trunk Road Agency (Welsh Govt)
 South Wales Trunk Road Agency (Welsh Govt)
 University of Oxford
 ZSL London Zoo
 ZSL Whipsnade Zoo

