



Josie, Chimpanzee

# TWYCROSS ZOO **VISION 2030**

East Midland Zoological Society



## FOREWORD

From modest beginnings, built by its far-sighted founders, Molly Badham and Nathalie Evans, Twycross Zoo East Midland Zoological Society has always had a vision of its ambition to be at the forefront of conservation, education and the preservation of the world's wildlife.

On behalf of the Trustees of the Twycross Zoo charity and the whole team here at the Midlands' leading Zoo, can I welcome you to this, the next steps in our continuing campaign to develop and expand our facilities and footprint.

Twycross Zoo already has a well deserved, worldwide reputation for the excellence of its work with primates; it is the only Zoo in Britain with all four of the great apes.

We are looking forward to building on the high quality experience offered at Twycross Zoo, by further developing our links with education, research and teaching; all contributing to the environmental and habitat improvements that are vital to species conservation.



*Geoff. Hoon*

**RT HON GEOFFREY HOON**  
Chair of the Board of Trustees



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Twycross Zoo East Midland Zoological Society is a company limited by guarantee and registered in England and Wales as company number 1060956 and is a registered charity in England and Wales number 501841.

Batu, Bornean Orang Utan

## WELCOME TO THE FUTURE OF TWCROSS ZOO

There has never been a more exciting or critical time for us to deliver our vision of educating and inspiring people to care about and save the other species with which we share our planet.

Over the last decade we have proven that our organisation, based in the heart of the UK, can be a leading voice in conservation, science and education. Already recognised globally as the 'World Primate Centre', and as one of the only Zoos in the world to house all 4 great apes, the foundations have been laid. Now we want to widen this through continuing our masterplan and becoming a recognised 'European Centre of Excellence' that makes a significant contribution to the global conservation of animals.

Over the last 6 years we have made significant progress in our master plan but now we are looking to take our work to the next level and propel our zoo, region and nation to be at the heart of leading edge conservation.



*Dr Sharon Redrobe*

**DR SHARON REDROBE, OBE**  
CEO Twycross Zoo



# NATURE CRISIS: HUMANS “THREATEN 1 MILLION SPECIES WITH EXTINCTION”

IPBES, Global Assessment Report on Biodiversity and Ecosystem Services



Destruction of the Borneo Rainforest

## OUR SPECIAL ROLE IN THIS EMERGENCY

Like most emergencies **NOW** is not the time for planning or inertia, **NOW** is the time to act. The human impact on our world is taking its toll, and as a species we all need to take responsibility and drive action to restore the balance between animals and humans and ensure all species can live and thrive in a ‘**One World**’ future.



### Sir David Attenborough

Broadcaster and Natural historian

“If we don’t take climate action, the collapse of our civilisations and the extinction of much of the natural world is on the horizon.”



### Greta Thunberg

Environmental activist and Nobel Peace Prize nominee

“I don’t want your hope. I don’t want you to be hopeful. I want you to panic and act as if the house was on fire.”



### Dame Jane Goodall

Primatologist and Anthropologist

“Only if we understand, can we care. Only if we care, we will help. Only if we help, we shall be saved.”



### Antonio Guterres

UN Secretary General

“Act now to save our planet and our future from the climate emergency.”



In May 2019 MPs approved a motion to declare an environment and climate emergency. This highlighted that we need to unite and work together to prevent the irreversible destruction of our environment within our’s and our children’s lifetimes.



# HOW WE BEGAN

Founded in 1963 by Molly Badham and Nathalie Evans. Once famous for training chimpanzees for chimps tea parties and TV adverts the ladies later became regarded as world experts in primate care and breeding as a charity since 1972. Twycross Zoo has since modernised into a conservation organisation retaining a focus on Great Apes.



PG Tips Advert

# NOW A MODERN ZOO LEADING THE WAY



POSITIONED  
IN THE HEART  
OF THE UK

## LEADING THE WAY WITH RESEARCH



A collaborative project endorsed by EAZA, with the Universities of Birmingham and Nottingham, leading investigations into heart disease affecting our closest cousins.



Proud partners of the innovative bio-banking Frozen Ark project. With partners across the globe the Frozen Ark project work to prevent the extinction of many threatened species.

## LEADING THE WAY WITH CONSERVATION



With the long-term support from Twycross Zoo, Ape Action Africa are committed to ape conservation in Cameroon through rescuing and rehabilitating great apes threatened by poaching and habitat loss.

Also working to support: Lola ya Bonobo, Fauna & Flora International and Wildlife Vets International

## LEADING THE WAY WITH EDUCATION



We are proud to have an award winning recognised education programme reaching over 60,000 students of all ages every year, and delivering STEM based workshops and sessions to thousands. Our hope is that through our work we will inspire the next generation of conservationists.

MEMBERS OF







Kibriah (Adult) and Kayan (Infant), Bornean Orang Utan

ALREADY 6 YEARS INTO OUR 20 YEAR MASTERPLAN  
AND SO FAR WE HAVE DELIVERED



2015



2016



2018



2019



2019

TOTAL INVESTMENT TO DATE OF £10 MILLION

TWYCROSS ZOO VISION 2030

To educate and inspire people to care about, and therefore save, the other species with which we share our planet.


To become a recognised “Centre of Excellence” that makes a significant contribution to the welfare and conservation of animals, especially primates, as a conservation charity and zoo.



THE MIDLAND'S  
BIGGEST CONSERVATION  
ZOO...



...SUPPORTING GVA TO  
+ £32 MILLION  
IN THE MIDLANDS...



...EDUCATING MORE  
YOUNG CHILDREN THAN  
EVER BEFORE ON THE  
NATURAL WORLD!



Jahly, Sumatran Tiger

# OUR FUTURE TZEMS

TWYCROSS ZOO EAST MIDLAND ZOOLOGICAL  
SOCIETY LIMITED

## TWYCROSS ZOO

- Animal breeding
- Conservation
- Visitor Attraction

## SECURING FUNDING

## NATIONAL SCIENCE AND CONSERVATION CENTRE

- FE and HE teaching and training
- Engaging science careers
- Public engagement with science

COMING IN 2021

## CHILDRENS ZONE

- Entry level / Primary
- Engaging young with nature

## PROJECT PLAN 2019-2030

2019

Rhino and Tiger's

Children's Zone

Orang Utan Phase 1

Bonobo Haven

Rhino Phase 2

Gorilla Islands

Penguin Cove

Orang Utan Phase 2

Monkey Tropical Forest

National Science and Conservation Centre

2030





# WORKING TO DEVELOP THE UK'S FIRST AND ONLY NATIONAL SCIENCE AND CONSERVATION CENTRE

## What is The National Science and Conservation Centre?

This purpose built centre will offer researchers, from around the world, the opportunity to study the 4 Great Apes, plus over 100 endangered species, in naturalistic complex environments.

The centre will provide excellent teaching and research facilities (FE and HE), focussing on: conservation; animal welfare; biosciences; STEM activities and public engagement with science. The centre will have both national and international appeal and will include a unique 200-seater venue for scientific conferences, with accommodation for researchers and conference attendees.

## Where is it?

The National Science and Conservation Centre will be adjacent to Twycross Zoo, which is ideally located in the centre of the UK easily accessible by great transport links from across the country. The impressive £10m, 3,365sqm National Science and Conservation Centre will fully integrate into world-class habitats for all 4 Great Apes (Gorilla, Chimpanzee, Orang Utan, Bonobo).

## Why now?

Action is what is needed now, and this facility will support conservationists and scientists with a world class facility when they need it the most to be able to impact our global crisis. We do not want to delay, but breaking ground depends on funding being secured.



Weedon Architects impression - Final plans may vary.



# NATIONAL SCIENCE AND CONSERVATION CENTRE

With your help we could be ready to break ground by 2020



## Lecture Theatre

This 190sqm multi-use space is principally a 200 seat lecture theatre, but can be converted into two further teaching rooms or even a single large exhibition/conference space by collapsing the tiered seating. The space is connected to the adjacent Orang Utan enclosure to provide a unique study facility.



## Classrooms

There are numerous 70m<sup>2</sup> general purpose classrooms featuring presentation/media facilities along with a computer laboratory, breakout spaces for meetings, and a cafeteria.



## Laboratories

At the heart of facility is a bio sciences laboratory ensuring important research and conservation work can take place day to day and around this there will also be office provision for 20 researchers.



## Accommodation

The centre will provide 30 bedrooms to ensure researchers and visiting professionals can stay if needed to complete longer functions and research projects.



Oumbi, Western Lowland Gorilla





Batu, Bornean Orang Utan



Kakowet, Bonobo



Tojo, Chimpanzee



Oumbi, Western Lowland Gorilla

## MAKING THE NATIONAL SCIENCE AND CONSERVATION CENTRE A REALITY

We are currently seeking funding to bring these plans to life. Please get in touch to start a conversation on how you could support us.



**Also supported by the LLEP**

As a key contributor to the Leicestershire and Midlands economy the importance of our masterplan has already been recognised with funding received from the LLEP.



## OUR PATRONS



**Professor Alice Roberts**

Twycross Zoo Patron, University of Birmingham

"Twycross Zoo has already shown how education, conservation and research can be brought together with far reaching impacts. This ambitious new plan means the knowledge, the conservation message, and the opportunity to do research can be extended to so many more."



**Dr David J Chivers, MA, PhD, ScD, FLS, FZS**

Twycross Zoo Patron & Emeritus Fellow, Selwyn College, Cambridge Reader Emeritus in Primate Biology and Conservation, University of Cambridge

"Having known Twycross Zoo increasingly well over the last 50 years, it has been wonderful to see how it has blossomed from its simple beginnings to such an excitingly complex and sophisticated organisation as exemplified by the proposed National Science and Conservation Centre, with a unique blend of animal care, teaching, research and conservation."



# A WORD FROM OUR UNIVERSITY PARTNERS



## Professor Josep Call

University of St. Andrews

"The National Science and Conservation Centre is a truly exciting development. It has the potential to make Twycross Zoo a major international research hub in the area of primate cognition and behaviour."



## Professor Trevor McMillan

Vice-Chancellor, Keele University

"Keele University is delighted to be working with Twycross Zoo who have shown an impressive level of ambition to develop the zoo's role in global conservation and build public understanding of these issues. Keele is active in a number of areas of research relevant to the Zoo's work, not just in life sciences and veterinary studies, but also around public attitudes to nature and conservation, human impacts on habitat and animal health, and international relations."



## Professor Sir David Eastwood

Vice-Chancellor, University of Birmingham

"Working in partnership with Twycross Zoo, The University of Birmingham are honoured to be a part of this exciting journey as the award-winning charities growth has catapulted from humble beginnings to announcing the ambitious National Science and Conservation centre. Twycross Zoo's commitment will pave the way to being one of the UK's leading conservation charities."



## Professor Edward Peck

Vice-Chancellor, Nottingham Trent University

"Nottingham Trent University is pleased to be a part of the development of a National Centre of Science and Conservation. Its location at Twycross Zoo offers a unique opportunity to combine multi-disciplinary expertise from Midlands institutions, to create a critical mass of knowledge in conservation and animal sciences."



## Professor Shearer West

Vice-Chancellor, University of Nottingham

"A National Science and Conservation Centre based at Twycross Zoo would be a great boost for the Midlands – it would give us a UK and indeed European edge. The University of Nottingham is very keen to be involved – both our students and our research will benefit."



## Professor Robert Allison

Vice-Chancellor and President, Loughborough University

"I am delighted to see this important initiative coming to fruition. Twycross Zoo are at the heart of conservation and the new Centre will be one of the best examples of how world-leading research can inform and support the conservation agenda."



## Professor Linda King

Vice-Chancellor for Research and Global Partnership,  
Oxford Brookes University

"As Oxford Brookes University celebrates 20 years of Primate Conservation delivery and impact, we are looking forward to an exciting new collaboration that aims to create a STEM Primate Centre of Excellence. Combining in situ and ex situ research, teaching excellence and field work with a planned state of the art facility at Twycross Zoo, we will foster an interdisciplinary approach to primate conservation."



Diatou (Adult) and Malaika (Infant), Bonobo



## THE TIME TO ACT IS NOW

The crisis is here NOW! There are things that can be done and we passionately believe we should all play our part. Everyone should help where they can, and right now we need your help to make these plans a reality.

We are looking for funding and partners for this ambitious plan, so if you are interested in finding out more please get in touch.

**tz**  
**Twycross Zoo**  
IN THE HEART OF CONSERVATION

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**Our brochure has been printed with 100% recycled paper.**