

# 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 Midland's 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. How

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

Twycross Zoo
IN THE HEART OF CONSERVATION

Twycross Zoo East Midland Zoological Society Limited Burton Road Atherstone

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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.

CV9 3PX



# NATURE CRISIS: HUMANS "THREATEN 1 MILLION SPECIES WITH EXTINCTION" IPBES, Global Assessment Report on Biodiversity and Ecosystem Services

# 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.



## NOW A MODERN ZOO LEADING THE WAY



#### 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













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





2016







2015

2019

TOTAL INVESTMENT TO DATE OF £10 MILLION

2018

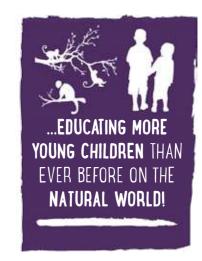
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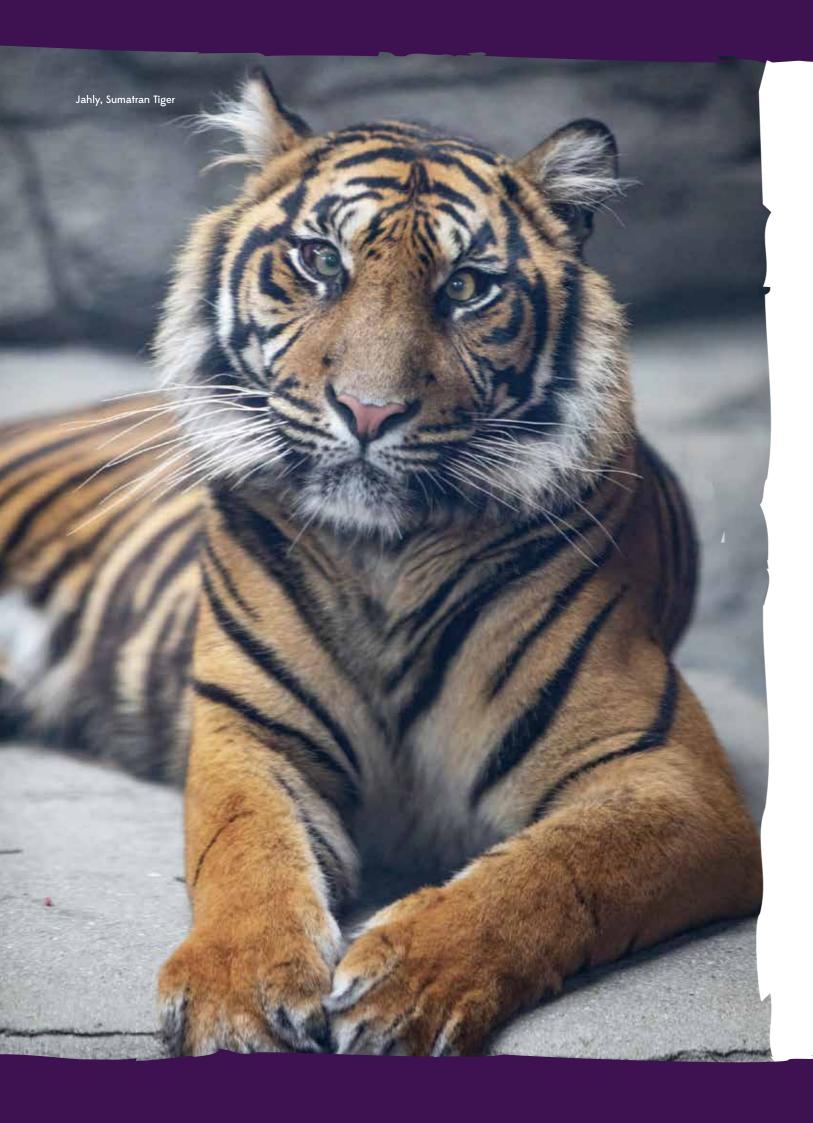
To educate and inspire people to care about, and therefore save, the other species with which we share our planet.

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.









# **OUR FUTURE**

# **TZEMS**

WYCROSS ZOO EAST MIDLAND ZOOLOGICAL

SOCIETY LIMITED



#### TWYCROSS ZOO SECURING FUNDING

Animal breeding

Visitor Attraction

Conservation

# 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   |                                | (3)                   |
|  | Rhino Phase 2  Gorilla Islands | -                     |
|  | Penguin Cove                   |                       |
|  | Orang Utan                     | Phase 2               |
|  | M                              | onkey 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.



#### 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 70m² 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.











# 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.

ep Also

#### 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 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 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.

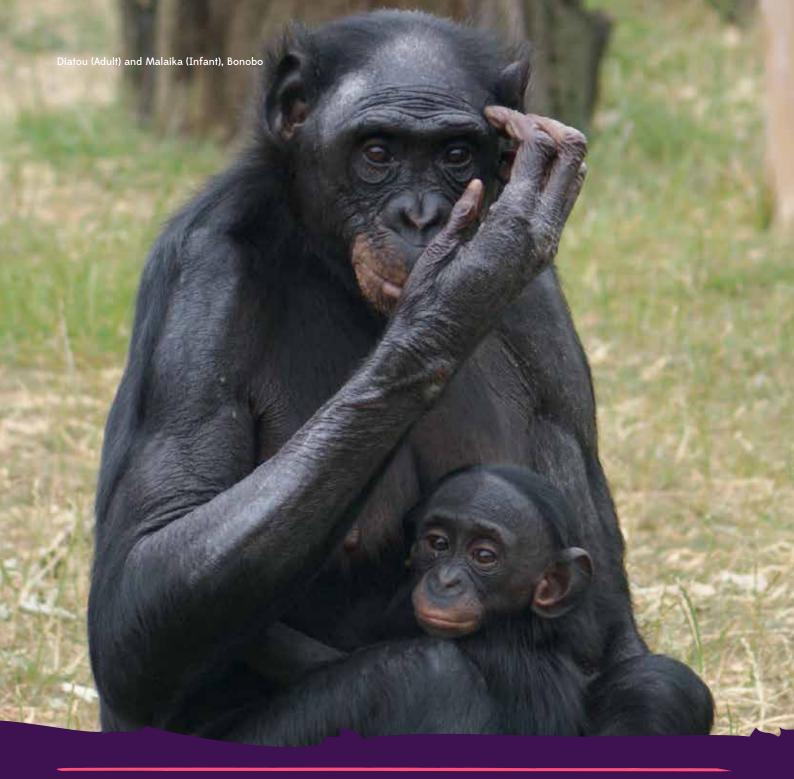
Twycross Zoo's commitment will pave the way to being one of the UK's leading conservation charities."



#### Professor Linda Kina

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."



# 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.



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