



PanEco

The Orangutan Haven in Sumatra; Creating Naturalistic Islands for Welfare and Education

Ian Singleton, Ph.D Conservation Director, PanEco - SOCP







Sumatran Orangutan Conservation Programme

- >100 full time staff
- 10 main field sites

PanEco

FRANKFURT

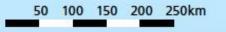
ZOOLOGICAL SOCIETY Jantho Reintroduction Centre



Monitoring Station

Batang Toru Monitoring Station

Jambi Reintroduction Centre





Sikundur Monitoring Station / Environmental Education Centre Bohorok SOCP Headquarters Medan Orangutan Haven

Orangutan Quarantine Centre

SOCP ORANGUTAN QUARANTINE CENTRE Near Medan, North Sumatra

Fully equipped medical clinic



SOCP Orangutan Quarantine Centre: Medical Checks





- Well ventilated and roomy interior
- Easy to maintain good hygiene





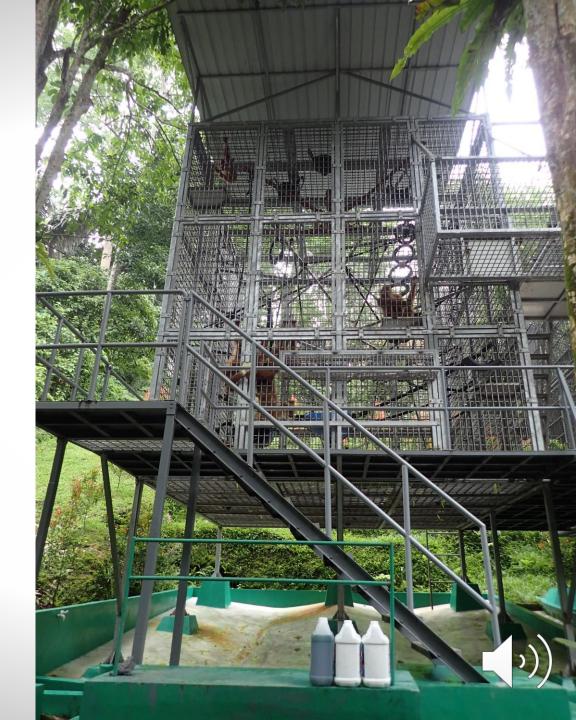




Knock down cages for young infants and intensive care



Newer unit on left connected to old via tunnel at right





Panel style construction – easier to repair



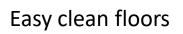
Large adult male holding facility

H

Πt

3





2

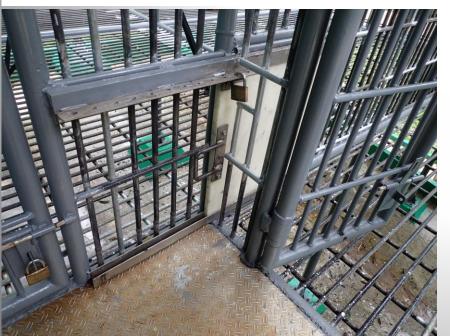
Minder-

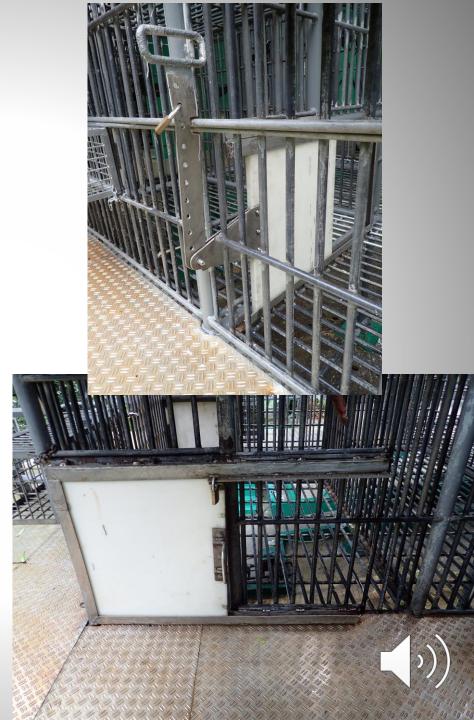


No contact and no ability to throw/roll items between cages 5915 M. N. M. A. 2 354 / 13 . 19



Animal doors all extremely simple and low maintenance

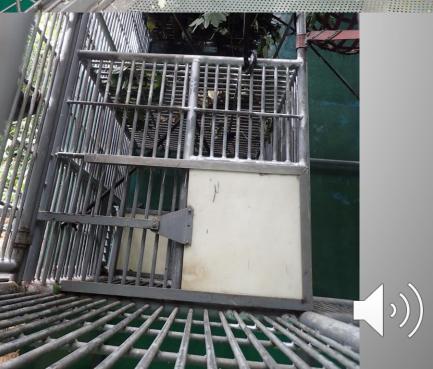






All just push pull, either 'in' runners or hangin 'on' runners –

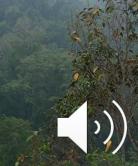
No pulleys, wheels etc

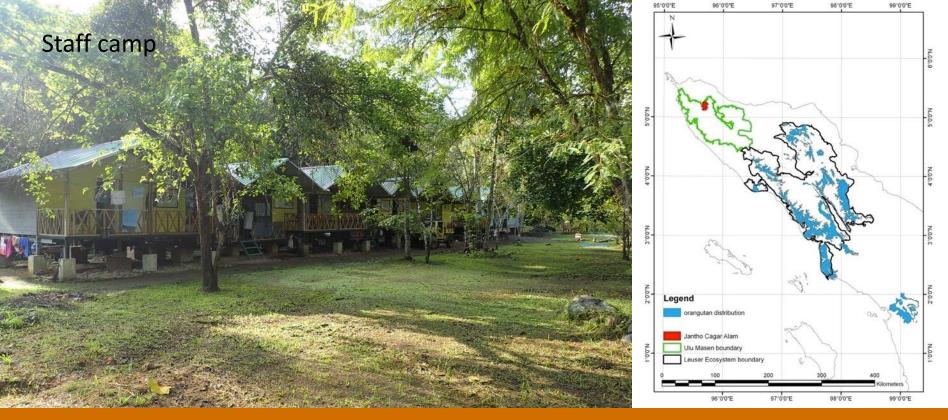


Specialist infant facility : 24-hour care

Jambi Reintroduction Centre Bukit Tigapuluh National Park ZOOLOGICAL 180 released since 2003 SOCIETY \bullet Location of Leuser Ecosystem Medan







Jantho Reintroduction Centre – Aceh Province

- Jantho Pine Nature Reserve
- 114 released since 2011

Orangutan facilities – across the river

LEUSER Shot 62 times with an air rifle!

DEK NONG Chronic arthritic condition





KRISMON 18 years solitary confinement!











ORANGUTAN HAVEN A Unique Environmental Education Resource



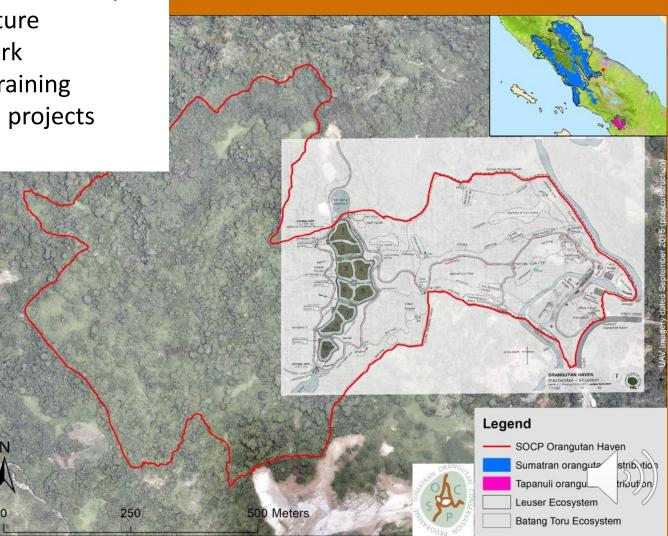
Instead of metal cages – new naturalistic homes for these orangutans.

Jersey Zoo British Channel Island



... And so much more!

- 1. Orangutan Islands long term
- 2. Rainforest Visitor Centre
- 3. Forest School Education Centre
- 4. Ecology Centre (universities etc)
- 5. Sustainable Architecture
- 6. Green Technology Park
- 7. Organic agriculture training
- 8. Species conservation projects
- 9. Etc...



Stage 1 Development



Entrance Facilities



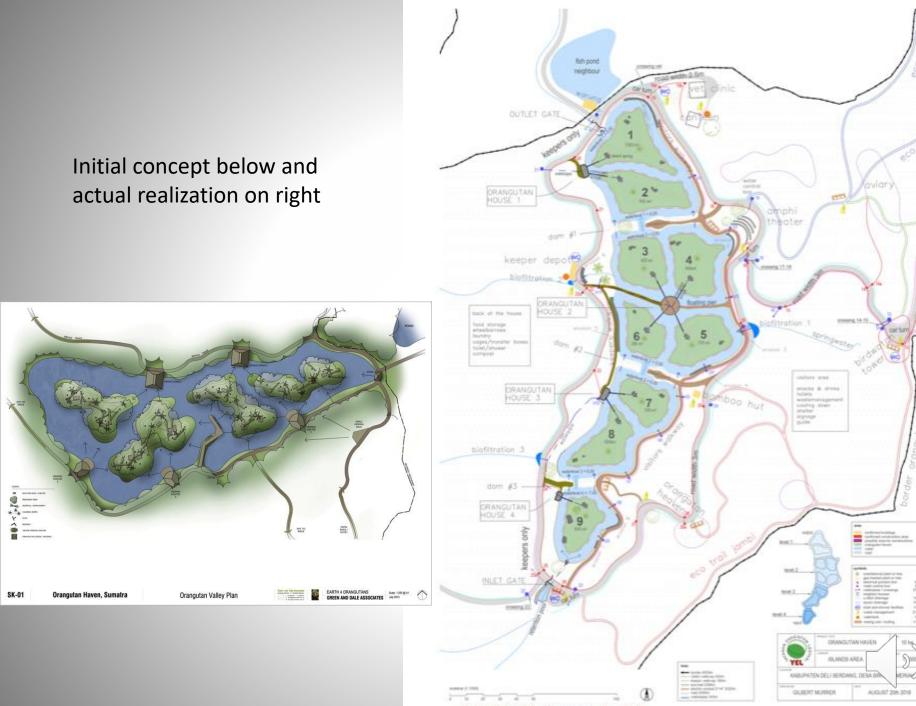
Islands



SK-02

Orangutan Valley Perspective

a prof. Dalle Appointation Antonia & Inspectanges - in model + in model - challpresentation in EARTH 4 ORANGUTANS GREEN AND DALE ASSOCIATES NTS @ A1 JU 2013



Technical Plan of the islands area by August2018

50 ha mixed agro-forest landscape Just 30 minutes from Medan – 4 million people











9 islands due for completion in 2019

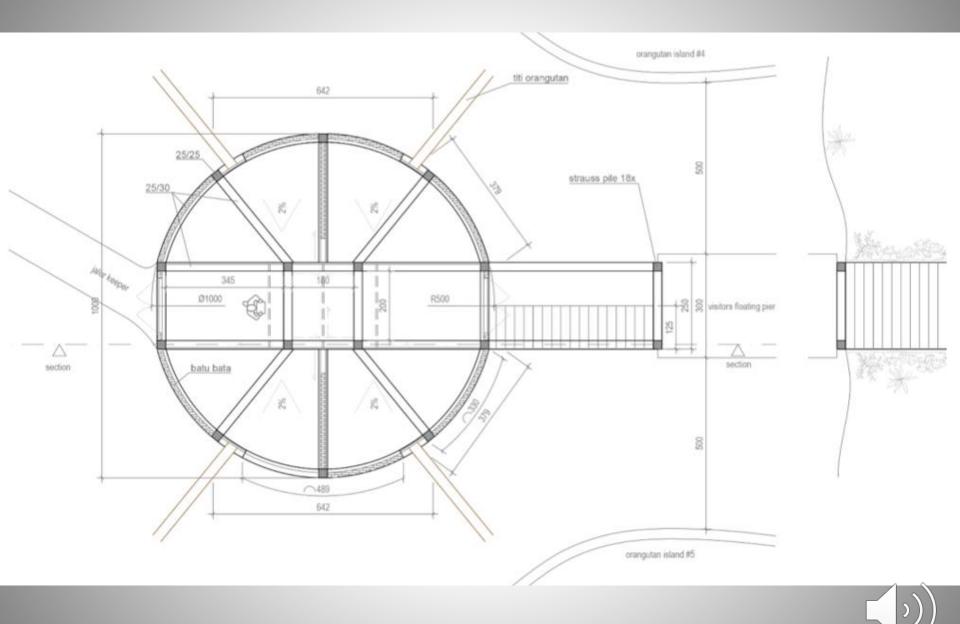
100 11

Orangutan House 2 – serving 4 islands

A STATISTICS PROFESSION

a sinte

CILLI





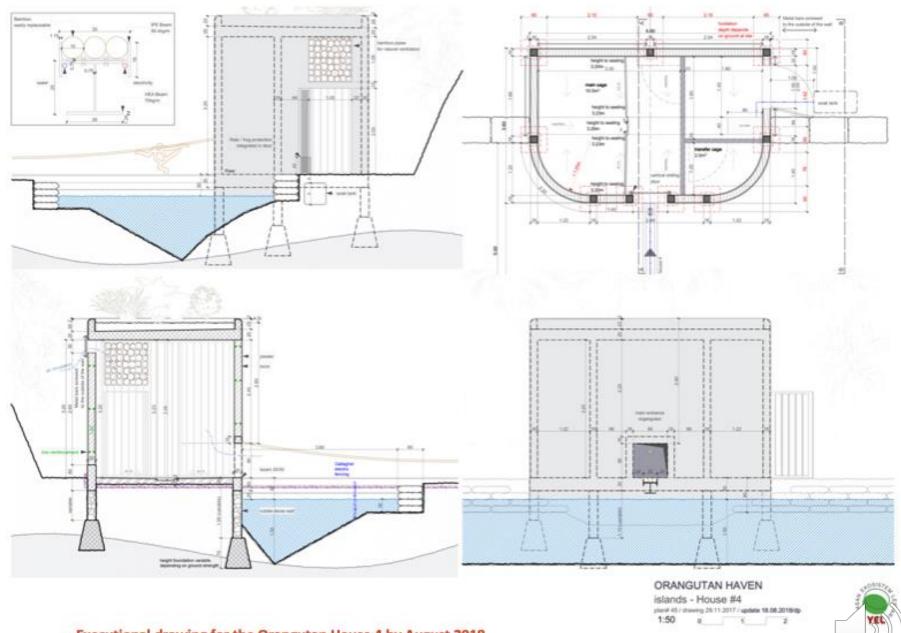
Orangutan House 3 – serving 2 islands

5

من الم

× t

Orangutan House 4 – serves 1 island



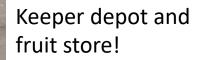
Executional drawing for the Orangutan House 4 by August 2018

YEL))



Keeper access

Experiments in rendering!



W



Simple Veterinary Clinic



Top reservoir (below) and micro-hyrdo scheme (right)









Eco-Architecture Every building/facility should be an exhibit in itself













ORGANIC FARM; teaching and training resource





Kalong Membutuhkan Habitat Seberapa Luas Agar Bisa Bertahan Hidup?

Kalong memiliki derah jedig dangat baskenyatannya, haita penentian baru membaktian barwa tebagian dari mereka yang pencaran maka di Sumatera' dan Rau berdonati di Malayan, dan soring terbang menyeberang bita terbang tebh dari too ke umba mesara makanan.

Apakah Benar Kalong Meru

Jonas sekali tidak ada bukti limlah yang menjelaskan bahwa memakan kalong alam membaku penyebahan pelakt pelaktan membaku penyebahan beberapa jenta disetahu bita menyebahan beberapa jenta penyakt berbahaya bagi menula, termasuk rabies dan virus ripat. Maka menangkap pemelihana, dan memakan kalong juga

A

Apa Peran Kalong di Alam? Kaloor bemeran santat penting d

penyerbakan burgi dan penyebah te banyak penis tambuhan dan pohon, te jenis pening dan bernial tinggi bagi tech dan da paka banya. Aka populas tech dan da paka banya, Aka populas tembuhan dan pohon alam kesilika mempenduki buah karena tidak da untuk membantu dengan penyerbaka berbaga pulas di duna di mara kalen habis dan penkaki burbuhahan di

 Kalong adalah jenis Mamalia (satwa yang menyusu) dengan nama latin Pteropus vampmus. Ada sekitar s.too jenis kelelawar (pemakan serangga) dan kalong di dunia.

 tahun lebih. Masa kehamilan sekitar bolari, biesanya hanya punya 1 apak da akan menyasuhya selama 3 bula
 Berat badan Pteropus vempyus bia mencapai 4,5 kg dan lebar bentang saya bias mencapai 4,5 kg dan lebar bentang saya bias mencapai 4,5 kg dan lebar bentang saya

Makanannya Apa? Kalong hanya memakan buah-bua bunga nektar dan serbak sari



ah Kalong dan Kelelawar Buta' Jish buta. Sebagian beas jenis kalong awar menggunakan pengifihatan dan n untuk navigasi dan membari Kalong memiliki mata bear dan kakan penggunaan pengifihatarnya vigasi, sedangkan kelelawar keci akan sistem sonar biologis u untuk navigasi, dan memiliki mata



KALONG adalah JENIS PENTING





a Candi II No. 179 Karangbesuki, Malang, Sonesia 65146 0331 E. +63 341 569506 fassa @proflaunia.net



Apakah Kalong Terancam² along dan kelelawar di sekuruh donta saat hil rencam punak akbak kehilangan habitat dan embunuhan serta pemburuan yang berlebhan nuk, makama atau obat. Tauhan ribu ekor kong, dibunuh dan diburu setiap tahun di embero.

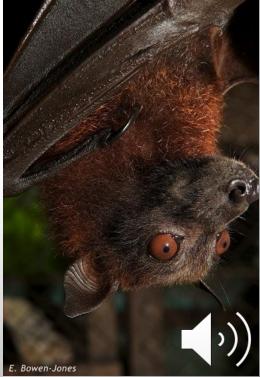


kaong memako utak besar dan kehidapan mereka dakap kompleks dan bersifat sosiki. Sebenarnya, kalong lebih ming monyeti primata dalam pola hidup dan basa

WILDLIFE TRADE

- Change perceptions of both buyers and sellers
- Reduce demand for wildlife generally







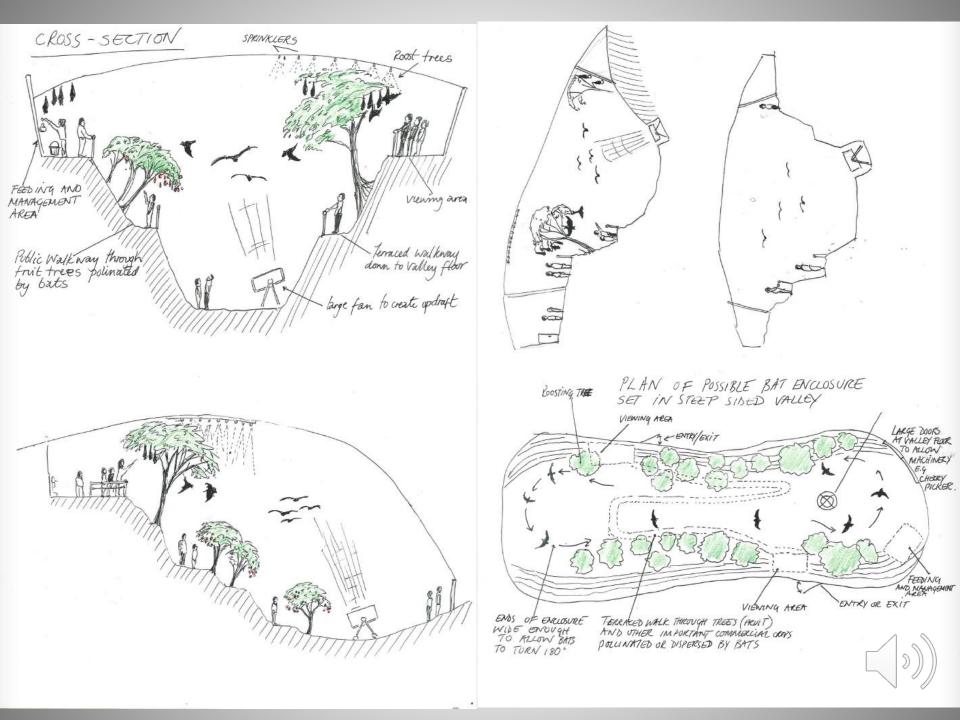
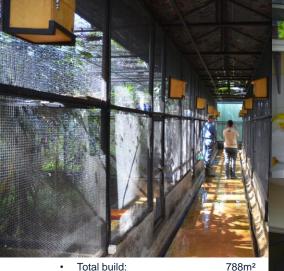




Photo : Steve Unwin

Jalan Bintang wildlife market – Medan, Sumatra





- 23 Breeding aviaries:
- 3 pre-release aviaries:
- Keeper building:

costs: 58,000 Euros



BLOCK B

Bin Superior Da a -

520m²

268m²

38m²





CONSERVATION STRATEGY FOR SOUTHEAST ASIAN SONGBIRDS IN TRADE

Recommendations from 27-29 September 20



A STATE STATE STATE

PLAN IS TO MODEL THE NEW **CIKANANGA FACILITY IN JAVA**

www.cikanangawildlifecenter.com

ISERVATION BREEDING CENTER ОСК В

NONSERVA OF

AYASAN

TERPADU

Photo : Andrew Owen, Chester Zoo





IMPRINCY EXT.

2018 : Manajer Stasiun Reintroduksi Jantho dan Manajer Karantina training di Durrell Wildlife Conservation Trust - UK

5



HUGE VISITOR POTENTIAL

- Large nearby city of Medan
- Domestic & International visitors



The Haven is already being used by local and Medan schools



DPR Acch - 2018

TRAINING & COURSES

University of North Sumatra : Architecture faculty Aug 2017

Local Employment & Iivelihoods - currently around 70 temporary labour force

20 full time staff
many more in future
volunteers : 'intercultural exchange!'

Thank You!



www.sumatranorangutan.org

Sumatran Orangutan Conservation Programme

SOCP_tweets

Pantco

SOCP_official