



PanEco 

PanEco Foundation

# Annual Report 2022

Editorial

# Bringing positive energy into the new year

### Eternal life

*We are all well aware that there's no such thing as eternal life here on Earth. For this reason, it makes perfect sense to ask yourself early on: who will take my place when I no longer can or want to carry on?*

This question is very difficult for anyone who has brought something into being and wishes for their work – and the vision behind it – to be passed down to the next generation. More than 20 years ago, we founded PanEco and our sister organisation YEL in Sumatra, which implements our Sumatran Orangutan Conservation Programme (SOCP) in the local area. The president of YEL's Board of Trustees is a doctor by the name of Sofyan Tan. His life's work is a multicultural school where children from different religious and cultural communities learn to respect each other in addition to the standard curriculum. Sofyan, who himself has suffered severe discrimination as an Indonesian of Chinese origin, calls his vision 'Pendidikan hati' (education of the heart), with which he hopes to contribute to intercultural acceptance. His daughter Tracey was lucky enough to study at Cambridge and Oxford on a scholarship, and soon joined the YEL Board of Trustees. Likewise, my son Samuel has already been a member of the PanEco Board of Trustees for several years. At first, both were relatively quiet, mainly listening in. Then the pandemic completely turned the situation on its head. The PanEco team and I were no longer able to travel, and the direct exchange between Switzerland and Indonesia was interrupted as a result. Misunderstandings and turmoil ensued, so it was the ideal moment to hand over the reins to our young successors. It is becoming increasingly clear that this was the right decision. We thus have optimal successors in place, and our partnership with YEL is also strengthening, which is the best basis for the successful execution of our projects.



**Regina Frey**  
Founder and President of the Board of Trustees

### Fresh impetus

We always strive to make the greatest possible impact on nature and species conservation, as well as in environmental education. All activities in our programmes contribute to the conservation of nature in its diversity and to the responsible and respectful treatment of the natural world by us humans. After making initial adjustments to the organisational structures in Indonesia in 2021, we have now revised the strategy again. In the coming year, we are looking forward to implementing the programmes in Indonesia together with the new team. Everything is in place and we are excited for what the future holds. The first piece of extremely positive news is the announcement that the Indonesian government has granted us the long-awaited zoo licence to house protected species like the orangutans in the new Orangutan Haven. This is a huge milestone in our work! In Batang Toru, we have launched a new, integrally designed project in alliance with seven local partners to protect the Tapanuli orangutans. Only by joining forces can we overcome the challenges of protecting the world's most endangered species of great ape. Our programmes in Switzerland have also been given new impetus. Thanks to funding from the Canton of Zurich's Department of Education, we were able to expand the school programmes on offer at the Thurauen Nature Centre and adapt them to the Lehrplan 21 curriculum project. Extensive reforms like this take time and involve the cooperation of many people. We can't wait to welcome all the young visitors to our centre! In January 2023, the team at the Bird of Prey Sanctuary received a new patient database. The tool facilitates their daily work tasks and helps to meet the ever-increasing requirements when it comes to admitting and caring for birds of prey and owls.

Take a look at our work on the following pages. From the bottom of our hearts, we would like to thank all our staff, partners and supporters for their incredible commitment.



**Irena Wettstein and Marcel Etterlin**  
Co-Managing Directors of PanEco

## What we do

# PanEco in a nutshell

PanEco is a non-profit foundation that runs projects and programmes in the fields of nature and species conservation, and environmental education. We want to conserve nature in its diversity and work to ensure that people treat nature responsibly and with respect.

### How we work

- We run long-term programmes instead of short-term projects.
- We are based locally, build up strong and lasting partnerships based on trust, with other NGOs, the local population and national authorities.
- We know that nature conservation only succeeds when it is accompanied by a social process that awakens a fundamental understanding of its importance. The successful protection of threatened habitats and species is the basis for human well-being.
- Our work is grounded in science. Our programmes are based on the latest findings, and themselves actively contribute to the development of knowledge.

### Sustainable development and us

Through our programmes, we contribute to the achievement of the following four of the UN's 17 Sustainable Development Goals (SDGs):

-  **SDG 12** Ensure sustainable consumption and production patterns
-  **SDG 13** Take urgent action to combat climate change and its impacts
-  **SDG 14** Conserve and sustainably use the oceans, seas and marine resources for sustainable development
-  **SDG 15** Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss





«The previous year has shown progress on awareness of illegal wildlife trade in Aceh, especially in the Leuser Ecosystem, through our multi-stakeholder approach to increase awareness through journalists' coverage, community engagement, and policy advocacy.»

coverage, community engagement, and policy advocacy.»

**Irham Yunardi**  
Program Manager, HAKA

**Programme focus 2022**

► **Survey of Orangutan Population**

2022 saw some ground-breaking achievements, including the conclusion of population-wide surveys for both the Sumatran and Tapanuli orangutans. These surveys were a repeat of surveys first conducted by the SOCP ten years ago and are paramount to our understanding of the remaining numbers and distribution of orangutans in Sumatra. The results will guide us how to develop and focus our critical conservation work in the coming years. Conducting these surveys is no mean feat and involves deploying highly skilled field staff across hugely difficult terrain over many months.

► **Batang Toru Ecosystem**

Good planning is key to any impactful conservation programme and in 2022 we focussed on building robust plans for our next three years of work in the Batang Toru Ecosystem. We have expanded our partnership network and will be working with a consortium of eight dedicated NGO partners. We also collaborate with community and government partners, to conserve the Tapanuli orangutan in the years ahead.

► **Leuser Ecosystem**

Our partnership work in the Leuser Ecosystem continues to go from strength to strength. 2022 saw the implementation of a collaborative programme to address illegal wildlife trade through legislative approaches and law enforcement support, including supporting partners to work with religious authorities to make great strides towards developing the first-ever Fatwa against illegal wildlife trade.

**Outlook**

Collaboration with long-term, trusted partners will continue to be central to our work in 2023. In the Leuser and Batang Toru Ecosystems, our partnership programmes will make strides towards critical habitat connectivity, mitigating illegal wildlife trade, direct support for boots on the ground, supporting strong environmental policy, and enabling sustainable community development.

Fields, forest gardens and villages are pictured in the background, and the start of the Leuser Ecosystem, which spans 2.6 million hectares, is pictured in the foreground. The Bohorok River marks the border between protected rainforest and agricultural land. The Leuser Ecosystem is located in the Indonesian provinces of Aceh and North Sumatra. It is the largest intact, contiguous rainforest areas in Southeast Asia and the only place in the world where Critically Endangered orangutans, rhinos, elephants, and tigers co-exist in the wild.



Image: Kike Armal/Arcus Foundation

**Landscape conservation programme:  
Leuser & Batang Toru Ecosystems**

## Hotspots of biodiversity

Sumatran and Tapanuli orangutans are Critically Endangered species and efforts to ensure the continued existence of both species require good science, strong partnerships, and hard work. Luckily, the SOCP has all three of these in bucket loads! Since 2005, we have been fighting hard to protect the remaining vital landscapes of the Leuser and Batang Toru Ecosystems; the last remaining forests of the Sumatran and Tapanuli orangutans, and also home to a wealth of other rare and endangered creatures. Without wild and intact forest habitats there is no future for orangutans in Sumatra, this is why we champion forest protection, and it will always be central to what we do.

**Goal** Thriving populations of Sumatran and Tapanuli orangutans living in healthy, well-protected, and well-connected rainforests in the Batang Toru and Leuser Ecosystems.

**24 % proportion of the total programme budget**

**Partner network:**

- Yayasan Ekosistem Lestari YEL
- Orangutan Information Centre OIC
- Yayasan Hutan Alam dan Lingkungan Aceh HAKA
- Forum Konservasi Leuser FKL
- Ministry of Environment and Forestry of Indonesia
- Conservation Agency for Natural Resources BBKSDA Aceh



«The Beekeeping Programmes for forest edge communities aim to reduce their dependence on forest products that may cause human-wildlife conflict. In addition, we are also linking this programme to raise awareness among communities about the importance of sustainable forests for people and wildlife.»

**Mukhlisin**  
Manager of Buffer Protection Unit, YEL

**Programme focus 2022**

► **Rainforest-Monitoring: «Jantho Ranger»**

At the beginning of 2022, we set up a second ranger team. This allows us to monitor a larger area, including beyond the Nature Reserve, and conduct more frequent patrols. The staff were supported with training on SMART patrolling, navigation and data collection in the field. Both teams, 24 staff in total, were on patrol for 180 days and covered about 1,400 kilometres.

► **Sustainable community development**

In 2022, we established new sustainable honey cooperatives in three villages in the Jantho area to enhance the income of local people and increase awareness of the value of biodiversity conservation. To promote the growth of the bee colonies and honey production, local communities helped to protect and plant trees and other bee foraging plants. We gave training on beekeeping, community business management and we have developed our own environmental education modules. In 2022, we trained 75 participants and achieved a female quota of 45%.

**Outlook**

Together with YEL, local authorities, and communities, we will continue to protect the forest through SMART patrols in 2023 and support further development of the community honey cooperatives, including collaborating with three new villages.



Programme leader Mukhlisin harvesting a hive. Honey from a native species of stingless bee (Meliponini) is extracted from the little pots that the wild bee creates in the hive. The honey is believed to have therapeutic properties and is a sustainable source of income for local people.

**Landscape conservation programme: Ulu Masen Ecosystem**

## How honey farming protects orangutans

As part of the SOCP, we have been working together with our sister organisation YEL in the Ulu Masen ecosystem in the Indonesian province of Aceh since 2011. The Jantho Pine Forest Nature Reserve is the SOCP's release site for rehabilitated, ex-captive orangutans confiscated from the illegal wildlife trade. Together with partners, we implement a holistic conservation programme there to ensure the survival of the orangutans in the future. Patrol work is an essential part of this. It is carried out in cooperation with the Aceh Conservation Authority, YEL and community rangers. As the communities at the forest edge have a key role in protecting the rainforest areas, we established three community honey cooperatives together with YEL. These empower local people with sustainable livelihood options and an alternative to encroaching on protected rainforest areas.

**Goal** Thriving populations of Sumatran orangutans living in healthy, well protected and well connected rainforests in the Ulu Masen Ecosystem.

**6 % proportion of the total programme budget**

**Partner network:**

- Yayasan Ekosistem Lestari YEL
- Ministry of Environment and Forestry of Indonesia
- Conservation Agency for Natural Resources BBKSDA Aceh



«Our team actively carried out conservation work in the four research and monitoring stations Suaq Balimbing, Sikundur, Batang

Toru and Jantho last year. With the help of camera traps, among other methods, important data on orangutan behaviour, climate and wildlife populations could be collected.»

**Hermansyah**  
Research Station Manager, YEL

**Programme focus 2022**

- ▶ **Data collection**  
In 2022, long-term monitoring of orangutans continued in the four monitoring stations and data was collected on behaviour, but also on climate and phenology of the forest. A number of new research methods were used, such as camera traps and bioacoustic recorders, to broaden the information and allow for more detailed analysis.
- ▶ **Development of strategies for the protection of orangutans**  
We evaluated data including from satellite images and drone footage to develop strategies for the protection of the orangutan population and its habitat on this basis. The aim is to uncover trends in negative changes to orangutan habitats and behaviour.

**Outlook**

In the new year, together with partners, we will carry out genetic studies of Sumatran and Tapanuli orangutans. This new source of data will allow us to assess if a population is viable in its habitat. We can also identify the actual genetic composition of orangutan populations and, for example, develop strategies for linking fragmented populations to ensure gene exchange.



View from below up to the treetop: a mother orangutan with her offspring, feasting on a fig tree not far from the Sikundur research station. By observing and recording such behaviour, researchers learn new things about orangutans and their role in the rainforest ecosystem.

SOCP: Biodiversity-Monitoring

## Research data for nature conservation

At our four research stations in Sumatra, data collection and monitoring have become central to the successful reintroduction of orangutans and the protection of their population and habitat. Together with our sister organisation YEL, we have been collecting data on orangutan ecology and behaviour since the early 2000s in different types of rainforests and landscape ecosystems. In 2022, our data collection and monitoring teams continued to contribute to the protection of the forest and its biodiversity through their ongoing work.

**Goal** We aim to understand behavioral differences among and between Sumatran and Tapanuli orangutans and the disruptions to their habitats well enough to be able to develop the most effective and efficient strategies to protect them.

**6 % proportion of the total programme budget**

**Partner network:**

- ▶ Yayasan Ekosistem Lestari YEL
- ▶ Ministry of Environment and Forestry of Indonesia
- ▶ Conservation Agency for Natural Resources BBKSDA Nordsumatra and Aceh



«In 2022, we relocated 16 orangutans to Jambi and Jantho. All animals brought to the reintroduction forest have undergone the required health checks, including the COVID-19 PCR test.»

**Citra Kasih Nente**  
Head of Rehabilitation and Reintroduction Ex-Situ, YEL

**Programme focus 2022**

► **Reception and care**

In 2022, twelve orangutans were admitted to the SOCP Quarantine and Rehabilitation Centre in Sibolangit, North Sumatra, including a two-month-old infant. At the end of the year, a total of 60 orangutans were living at the centre. A system for collecting behavioural data on the orangutans was introduced and the animal caretakers were trained in its use.

► **Infrastructure**

A new generator was installed in the Rescue and Rehabilitation Centre and the old X-ray machine was replaced. In addition, the new dental treatment room will make it easier for the entire veterinary team to work on medical treatments for orangutans

► **Further education**

The team at the sanctuary and care centre actively continued their education in 2022: a workshop by Orangutan Veterinary Aid brought new dental knowledge to the centre. Furthermore, the animal care staff received new inputs from colleagues from Perth Zoo and Auckland Zoo on how to bestprepare the designated orangutans for the move to the Orangutan Haven. Chief Veterinarian Dr. Yenny Saraswati shared her knowledge with colleagues from the great ape conservation community at a meeting of the Pan African Sanctuary Association and Dr. Pandu Wibisono completed the Endangered Species Management Graduate Certificate Course in Jersey/UK.

**Outlook**

In 2023, the seven permanent patients will be prepared for life in the Orangutan Haven and eventually relocated.

Animal keeper Selfi carrying the orangutans Otan and Ramadhani to the rainforest school in a nearby part of the forest. Both have already spent several years at the rescue and rehabilitation station and are now showing strong climbing skills. They will be ready for their move to one of the reintroduction sites in about a year's time.



SOCP: Quarantine and Rehabilitation Center for Orangutans

## Optimal preparation for a life in freedom

After confiscation from illegal wildlife trade, the sanctuary is the first stop for the orangutans on their way back to freedom. The station's veterinary team regularly examines the orangutans and can also treat complex medical cases. The mostly young animals grow up in the station in carefully assembled orangutan groups and are prepared for life in the wild over several years by the team of animal keepers. Older animals or those that can no longer be released into the wild are trained for a life in the Orangutan Haven that is as appropriate to their species as possible.

**Goal** Provide the highest level of care for all orangutans at the centre and ensure they are fully prepared for a return to the wild.

**10 % proportion of the total programme budget**

**Partner network:**

- Yayasan Ekosistem Lestari YEL
- Ministry of Environment and Forestry of Indonesia
- Conservation Agency for Natural Resources BBKSDA North Sumatra



«The Jantho reintroduction camp has been further developed this year. A considerable amount

of new trails have been made around the Rainforest School area to monitor our released orangutans. We were delighted when Kluet, a female orangutan released a few years ago, was observed to be carrying a new infant.»

**Sheila Kharismadewi**  
Research and Development Coordinator, YEL

**Programme focus 2022**

► **Reintroduction**

In 2022, ten orangutans were transferred from the SOCP Rescue and Rehabilitation Centre to the reintroduction site in Jantho and six orangutans were transferred to the Jambi reintroduction site. Once there, the orangutans are carefully prepared for their release and closely monitored after reintroduction to ensure that they have all the skills to survive in the forest and are doing well.

► **Rainforestschool**

In 2022, the trail system in the reintroduction area in Jantho was greatly expanded. This is a big step forward for the monitoring of reintroduced orangutans because it allows the team to observe them across a much larger area.

► **Infrastructure**

The capacity of the solar energy system in Jantho has been enhanced. We are now able to store medicines in the camp in a cool place because we can run a fridge now.

**Outlook**

We expect that in the coming year 12 to 15 orangutans will be transferred from the SOCP Rescue and Rehabilitation Centre to the two reintroduction sites, where a new life in freedom awaits them soon after.

A prime example of a successful reintroduction: a female orangutan released into the wild in Jantho Nature Reserve a few years ago now has offspring. This is a good indication that the released population is growing in the protected rainforest.



Image: Maxime Allaga

Foto: Maxime Allaga

**SOCP: Reintroduction of orangutans and establishment of two new populations**

**Just before the last step**

In the two reintroduction stations, the Jantho Nature Reserve in the province of Aceh and Bukit Tigapuluh National Park in Jambi, orangutans are being reintroduced into protected rainforests. In this way, we want to give the orangutans, which were previously held in captivity or evacuated from fragmented and threatened forest areas, a new life in freedom. In addition, we are establishing two new orangutan population with the reintroductions. In the two reintroduction stations, the orangutans are carefully prepared for life in the rainforest. Only when the team is sure that the animals are ready are they released. We continuously monitor their behaviour, health and well-being to ensure they are coping with their new life in the forest.

**Goal** To establish two entirely new, genetically viable and self-sustaining wild orangutan populations.

**10 % proportion of the total programme budget**

**Partner network:**

- Yayasan Ekosistem Lestari YEL
- Ministry of Environment and Forestry of Indonesia
- Conservation Agency for Natural Resources BBKSDA Aceh
- Frankfurt Zoological Society



«Even though no orangutans live on the islands yet, we are very pleased that the Orangutan Haven has already taken off in terms of ecotourism,

environmental education and animal conservation. The Haven is a strategic project in the implementation of the new Indonesian curriculum and the environmental education team is in active exchange with the Ministry of Education. By the end of 2022, more than 1,000 school children had already visited us. With their commitment, they will hopefully be at the forefront of protecting the environment and endangered species in the future!»

**Hetty Damanik**  
General Manager Orangutan Haven

**Programm focus 2022**

- ▶ Final work was carried out on the orangutan islands and the aviary for the breeding of endangered Sumatran songbirds was built. An improved drainage system for the island area was designed and the security team was established and onboarded.
- ▶ The environmental education team grew and prepared for the school visits through various workshops. The educational modules on sustainable building, animal welfare, and climate change were completed and the Leuser Ecotrail was built so that visitors can explore the forest. All environmental education activities were presented to the Ministry of Education, various schools, the surrounding villages and other stakeholders.
- ▶ The ticket house was built directly in front of the iconic Haven Bridge. Like all buildings in the Orangutan Haven, it was created with sustainable building materials - primarily bamboo. The design adopts the concept of the traditional Karo buildings of the Batak people in Sumatra.

**Outlook**

After a long wait, the Orangutan Haven was finally granted zoo status in early 2023. The approval for the relocation of the Sumatran orangutans that cannot be released into the wild and songbirds is expected in the next three months.

Riska Situmorang from the Orangutan Haven's environmental education team out and about on the first completed Ecotrail together with pupils from a local school. Work to develop the environmental education programmes was carried out at full speed until the summer of 2022. Then, in autumn, the time had finally come to welcome the first schools at Orangutan Haven, where they went on a journey of discovery.



Updates on the Orangutan Haven?  
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**Orangutan Haven**

**As close to nature as possible**

What happens to orangutans that do not recover from their injuries or are for other reasons unable to ever live independently in the rain-forest again? At Orangutan Haven, they will be able to spend their twilight years in dignity on islands close to nature. Here, trees, ropes, climbing structures and nesting platforms await them in the open air instead of the enclosures they currently inhabit at the nearby quarantine and rehabilitation centre. Visitors will be able to observe the orangutans on guided tours from a safe distance and learn what they can personally do to protect the animals and their habitat. With the Ecofarming Centre, the four Ecotrails, the restaurant, an interactive exhibition and various showcase buildings made of sustainable construction materials, the Orangutan Haven is a unique environmental education centre that will attract school classes, visitors from all over the region and tourists, and will also create numerous jobs.

**Goal** Orangutans that can no longer be reintroduced are ambassadors for their wild relatives in a nature conservation and environmental education centre.

**7% proportion of the total programme budget**

**Partner network:**

- ▶ Yayasan Ekosistem Lestari YEL
- ▶ PT Orangutan Haven
- ▶ Ministry of Education of Indonesia



«PanEco's support has been instrumental in shaping PPLH Puntondo in terms of our services, infrastructure, and knowledge about marine ecosystem conservation. PanEco has also helped the PPLH to become increasingly known as a place to learn about coastal and marine ecosystems and the socio-culture of coastal communities.»

**Dr. Vien Sartika Dewi**  
Director of PPLH Puntondo Foundation

**Programme focus 2022**

► **PPLH Bohorok**

The focus in Bohorok during the past year was on the Ecofarming Centre, as the environmental education staff temporarily supported the Orangutan Haven team in the development of new educational programmes. At the Ecofarming Centre, a worm farm and beekeeping were set up in order to expand the educational range for farmer cooperatives.

► **PPLH Seloliman**

In Java, at PPLH Seloliman, the team was able to inaugurate a new, modern greenhouse in 2022. A state of the art infrastructure motivates the farmers' cooperatives to learn more about up to date organic farming methods, and it expands the learning opportunities for school classes.

► **PPLH Puntondo**

In Sulawesi in 2022, the team focused on carrying out various environmental education activities with school classes on the topic of marine ecosystems as well as on coastal protection measures such as the construction of breakwaters and the planting of mangroves.

**Outlook**

In 2023, environmental education activities with school classes will be resumed. In PPLH Puntondo, a joint conservation strategy for Laikang Bay is being worked on at various meetings with local authorities and communities, and in Seloliman the marketing of organic vegetables is being optimised.



A group picture to wrap up an intensive day at the Environmental Education Centre ('PPLH' in Indonesian). The young people planted mangroves together, cleared washed-up rubbish from a stretch of coast, cooked lunch on a solar cooker and studied the biodiversity of one square metre of beach. These field trips bring students closer to Sulawesi's marine ecosystem and teach them what they can do to help protect it.

**Environmental Education Centres Indonesia**

**This is how we protect valuable asset**

PanEco supports three environmental education centres in Indonesia, located on the islands of Sumatra (PPLH Bohorok), Sulawesi (PPLH Puntondo) and Java (PPLH Seloliman). Their activities include workshops, tours and learning days for children, youth and adults. The centres are especially focusses on the topics of rainforest protection, sustainable development, ecological agriculture and marine ecosystems. The centres also include tourist accommodation, so called «Ecolodges». These promote socially responsible and environmentally friendly tourism and at the same time they create jobs for local people.

**Goal** To make people be aware of the importance of stable ecosystems and to contribute to the conservation of nature through sustainable lifestyles.

**7% proportion of the total programme budget**

**Partner network:**

- Yayasan Ekosistem Lestari YEL
- Yayasan PPLH Seloliman YPLS
- Yayasan PPLH Puntondo YPLP



«Throughout 2022, our focus was on the further development of our programmes for schools. Intensive discussions about our visions and values, as well as

input on school-specific topics, led to our environmental education becoming professionalised. The result is new, more year-level-appropriate guided tours and workshops, programmes that are better geared towards the needs of schools and the Lehrplan 21 curriculum project, as well as professional development opportunities and educational resources for teachers.»

**János Rumpel**  
Programmes of School Project Head,  
Thurauen Nature Centre

**Programme focus in 2022**

► **Environmental education**

Over 12,000 people visited the Thurauen Nature Centre in 2022. After celebrating their opening in March, we recorded over 7,500 admissions to the extended exhibition and the new adventure trail. We provided 57 guided tours at 40 public events, and had the pleasure of making over 1,600 children enthusiastic about nature at our workshops and guided tours for school groups.

► **Training for specialists**

In 50 training blocks, we trained three interns in the areas of environmental education and deepened their knowledge of species identification.

► **Zurich cantonal hiking day and start of school project**

Together with the Zürcher Wanderwege hiking trail association, we organised the Zurich cantonal hiking day in the area around the Thurauen Nature Centre and opened the first leg of the new 'Via Natura' trail. We also started our school project in 2022.

**Outlook**

In 2023, we mainly want to make the newly developed school programmes and the Nature Centre better known among schools. The objective is for even more school groups and teachers to take advantage of our specially designed programmes. We are also planning new special exhibitions for 2024 and 2025.

Was that a kingfisher just now? This family is standing on the observation deck right on the Rhine. The locations of the five other observation points along the river Thur are noted on boards in the Nature Centre and in the area. Birds and, with a bit of luck, beavers can be seen from here all year round.



Image: Dominique Meisenberg

**Thurauen Nature Centre**

# All eyes on nature

The Thurauen Nature Centre is the gateway to the largest floodplain conservation area in the Swiss Plateau. For visitors to the Thurauen floodplain, the centre offers information about the protected area, rewilding and excursions. In the exhibition and on the adventure trail, people of all ages can immerse themselves in the habitats of an active floodplain and discover some of the typical animal and plant species. We also offer a wide range of public events, guided tours and workshops for school groups, adults and families. The Nature Centre is run by PanEco on behalf of the Canton of Zurich.

**Goal** Visitors to the Thurauen Nature Centre understand the importance of intact ecosystems (especially the Thurauen floodplain). They know what helps to protect them, and are committed to doing their bit.

**18% proportion of the total programme budget**

**Partner network:**

- Canton of Zurich: Office for Landscape and Nature
- Municipality of Flaach
- TCS Camping, Flaach
- Swiss Nature Centres Network



«The number of pet dogs in Switzerland has increased significantly in recent years. Unfortunately, violations of the requirement to keep dogs on a lead in the floodplain conservation area have also increased. This means increased stress for the animals in the Thurauen floodplain.»

**Dario Bayano**  
Ranger Service Team Leader, Thurauen

**Programme focus in 2022**

► **Information, advice and patrolling**

Our ranger team spent 2,050 hours on tours and checking the Thurauen area, the Husemersee lake and the Alter Rhein river area in the canton of Schaffhausen. The rangers informed visitors about the value of nature conservation, currently existing species and applicable conservation laws. Of the total of 700 offences recorded, 63% involved dogs running off-lead.

► **Junio Ranger Programme**

In 2022, 28 children in four Junior Ranger groups learned about the duties of a ranger and the Thurauen conservation area over 33 sessions. This year, they also took part in Switzerland's nationwide Junior Ranger Olympics at the Nature Reserve and Wildlife Park Goldau, where just over 200 children attended.

► **Projects**

In order to prevent conflicts between pedestrians and cyclists, the area around the Thurspitz confluence was made more pedestrian-friendly by adding signage.

**Outlook**

In 2023, the Ranger Service will develop and implement support measures for compliance with the lead requirement in cooperation with cantonal authorities. In addition, smaller additional protected areas in the canton of Schaffhausen will be patrolled by rangers for the first time and the adventure trail in the Thurauen floodplain will be revamped. We are also pleased to be holding the Junior Ranger Olympics there in June.

The little ringed plover is highly endangered in Switzerland. In the last 150 years, 90% of Switzerland's wetlands have been drained – and with them, large parts of the little ringed plover's breeding habitat. In the Thurauen conservation area, however, the bird still finds gravel banks where it can lay its eggs. The rangers therefore have a responsibility to do whatever they can to protect this rare floodplain.



Image: Lars & Taina Kopp

**Thurauen Ranger Service**

# Where humans and nature come together

The Ranger Service Thurauen is responsible for information and supervision in the Eggrank-Thurspitz floodplain conservation area, in the Husemersee lake area and along the Rhein on the Schaffhausen side. The ranger team provides visitors with information about the renaturalisation project and about flora and fauna, and monitors compliance with the conservation regulations. It also offers ranger tours through the Thurauen floodplain for interested groups and carries out the Junior Ranger Programme. The Ranger Service belongs to the Thurauen Nature Centre and is operated by the PanEco Foundation on behalf of the Cantons of Zurich and Schaffhausen.

**Goal** Visitors to the Thurauen are informed about the value of the floodplain and the measures taken to protect it, and are respectful of the natural environment.

**5% proportion of the total programme budget**

**Partner network:** ► Canton of Zurich: Office for Landscape and Nature  
► Canton of Schaffhausen: Office for Planning and Nature Conservation



«Several difficult cases were treated at the sanctuary in 2022: a northern goshawk that needed physiotherapy, an eagle owl with a

growth in its beak, as well as power-line victims that required imping due to burnt feathers. It was all thanks to the support of sponsors and visitors on our tours that we were actually able to help these patients and release them back into the wild.»

**Amber Gooijer**  
Staff Member, Environmental Education at the Bird of Prey Sanctuary

**Programme focus in 2022**

► **Admission and care**

Out of the 277 patients accepted in 2022, 175 could be released in good health after an average of three to four weeks. This represents a care success rate of around 71%. The database was completely reprogrammed and patient data from 2010 was entered.

► **Environmental education**

We welcomed 2,666 visitors at 141 tours and events. For the first time, we offered a tour of the sanctuary for interested individuals every month. These 12 newly designed, public themed tours were well received and each was fully booked.

► **Species conservation and research**

We successfully bred three young Ural owls in 2022. Our pair of white storks reunited this year and brooded a clutch of five eggs next to the sanctuary. One chick survived the very wet spring and migrated south in August.

**Outlook**

The new patient database was introduced right at the beginning of 2023 and is already significantly simplifying our daily work this year. We will also professionalise environmental education at the sanctuary and address how we can make an even greater impact on our visitors.

The year 2022 will go down in history as a sad year for owl populations, with only a few broods of owl species found in the wild. The team at the Bird of Prey Sanctuary nevertheless succeeded in raising three young Ural owls. The birds were released into the wild in July in the Vienna Woods, where a new population of this owl species, now rare in Europe, is being established.



**More bird of prey stories?**  
Follow us: [paneco.ch](https://www.paneco.ch)

**Berg am Irchel Bird of Prey Sanctuary**

## Care box – flight aviary – release

The Berg am Irchel Bird of Prey Sanctuary dedicates itself to the welfare and survival of birds of prey and owls in many ways. The team takes in injured or weakened birds of prey and owls, nurses them back to health and releases them back into the wild. They also teach young and old about the needs of these birds on numerous guided tours of the sanctuary. What's more, various key figures are collected for scientific purposes at the sanctuary, where we participate in research and breeding programmes.

**Goal** Healthy, self-sustaining bird of prey and owl populations in Switzerland in an environment in which humans and animals coexist side by side.

**10% proportion of the total programme budget**

**Partner network:**

- Canton of Zurich: Fishing and Hunting Administration
- Animal shelter and rescue Pfötli
- Animal Rescue Schaffhausen
- University of Zurich – Animal Hospital
- Swiss Ornithological Institute in Sempach

# Thank you for your support!

## 89 Institutional supporters

We would not be able to run our programmes without the partnerships that we have with numerous grant-making foundations and other organisations in Switzerland, Liechtenstein and Germany. Thank you for your invaluable support!

## 387 Nature Centre members

Our members are important not only because of their financial support, but because they support our ideals and objectives with their membership. Thank you for being part of it all.

## 1,186 Patrons

The regular contributions of our patrons ensure better planning security and help to reduce administrative costs. Thank you for letting us count on you.

## 1,236 Sponsors

Our sponsors are among our 'best friends'. Anyone who sponsors an orangutan or a bird of prey is doing more than just donating money – they are entering into a temporary relationship with a fascinating wild animal. Thank you for your friendship.

## 6,591 Donors

Our donors, regardless of the amount they support us with, are the backbone of our foundation. It is only thanks to them that we are able to fund our programmes. Many thanks to each and every one of you.

«We wanted to do good for an animal, so we decided to sponsor Ramadhani. We love it when we get new photos of her or hear about what she's been getting up to. It's nice to be part of her life and to support her.»

The Seiler family, Winterthur  
Sponsors of orangutan Ramadhani

## 30 Volunteers

In the past year, the volunteers at the Nature Centre and the Bird of Prey Sanctuary have put their heart and soul into assisting us, and have been instrumental in helping us cope with all of the work that arises on a daily basis. Our sincerest thanks goes out to all of you.

Alexandra Peyer, Angélique Hertig, Aris Richli, Audrey Mondon, Beatrice Hafner, Bettina Fritschi, Brigitta Amrein, Bruno Zehnder, Claude Jaermann, Csilla Thurnheer, Daniel Ludwig, Eliane Passanante, Felix Keller, Gabriela Marghitola, Hans Gloor, Heinz Widmer, Ian Dietrich, Karin Lurz, Kathrin Jäger, Kathrin Liechti, Kurt Blum, Lukas Kleiner, Martin Kressebuch, Monika Monn, Monika Wacker, Regula Herzig, Roger Bernhard, Sandee Schenk, Silvia Schnadt, Stephanie Kobza

## 8 Interns

Our interns are deployed in the Nature Centre, at the Bird of Prey Sanctuary or in the PanEco office for half a year or longer and, after a thorough introduction, make a significant contribution to the success of our work every single day. We couldn't do it without you – thank you very much.

Delia Hasler, Dominique Candrian, Elena Finkler, Katharina Haferkorn, Léo Vogel, Melina Erdin, Nico Santavenere, Pascal Reutimann

## 4 Student Support

As part of a work experience programme, these school pupils assist us at the Bird of Prey Sanctuary on a weekly basis or come in on Wednesday afternoons for work placements as part of the LIFT youth project. Thank you for your help.

Azr Ali, Colyn Morger, Marie Hacker, Tobin Hanhart

## 8 Alternative civilian service members

We heavily rely on the support provided by the alternative civilian service members in the daily work at the Bird of Prey Sanctuary and the Thurauen Nature Centre. They contribute ideas and knowledge that drive our work forward. Thank you!

Aris Richli, Christian Weber, Fabian Gisler, Luc Holzer, Max Muzio, Oliver Bauer, Robin Nyffenegger, Robin Weber



«The Toronto Zoo and Wildlife Conservancy are thrilled to partner with PanEco to support the SOCP's invaluable efforts to save the critically endangered Sumatran orangutan. Their incredible work aligns with Toronto Zoo's mission of connecting people, animals, and conservation science to fight extinction. Collaborations like this are essential as we strive to save the amazing biodiversity on this planet.»

Dolf DeJong, General Manager

## 28 Partners of the Bird of Prey Sanctuary and the nature centre:

- ▶ BungertHof & Chloster3
- ▶ Gemeinden Flaach, Berg am Irchel, Marthalen, Kleinandelfingen, Andelfingen
- ▶ Kanton Zürich: Gemeinnütziger Fonds, Fachstelle Naturschutz, Kantonspolizei
- ▶ Kanton Schaffhausen: Planungs- und Naturschutzamt, Kantonspolizei
- ▶ TCS Camping
- ▶ Restaurant Rübis&Stübis
- ▶ motrag Transport AG
- ▶ Rhein Travel GmbH
- ▶ Naturzone AG
- ▶ Netzwerk Schweizer Naturzentren
- ▶ Bildungsnetzwerk Aue
- ▶ Interessengemeinschaft Umwelt IGU
- ▶ Int. Kommission zum Schutz des Rheins IKSR
- ▶ Tierrettung Tierheim Pfötli
- ▶ Animal Rescue Tierrettung
- ▶ Universität Zürich – Tierspital
- ▶ Vogelwarte Sempach
- ▶ Zürcher Verkehrsbetriebe ZVV
- ▶ House of Winterthur
- ▶ Verein ProWeinland

## 73 Partner programmes in Indonesia:

- ▶ Aceh Climate Change Initiative
- ▶ Arcus Foundation
- ▶ Auckland Zoo
- ▶ Canopy
- ▶ Darwin Initiative
- ▶ Department for Environment, Food & Rural Affairs (Defra), UK Government
- ▶ Dr. Scholl Foundation
- ▶ Deutsche Postcode Lotterie
- ▶ Durrell Wildlife Conservation Trust
- ▶ ELSAKA

- ▶ Fondation Audemars Piguet
- ▶ Fondation Montagu
- ▶ Fondation Segré
- ▶ Fort Wayne Children's Zoo
- ▶ Forum Konservasi Leuser
- ▶ Forum Orangutan Indonesia, Forum Konservasi Orangutan Sumatera Utara und Forum Orang-utan Aceh
- ▶ Fresno Chaffee Zoo
- ▶ Re:wild
- ▶ Green Justice Indonesia
- ▶ Greenville Zoo
- ▶ Healthy Planet Indonesia (HePI)
- ▶ Hutan, Alam dan Lingkungan Aceh (HAKA)
- ▶ Illegal Wildlife Trade Challenge Fund
- ▶ Indonesische Naturschutzbehörden (KLHK, BBKSDA Sumatera Utara, BKSDA Aceh und TNGL)
- ▶ Indianapolis Zoo
- ▶ Lembaga Sipirok Lestari Indonesia
- ▶ Leuser Ecosystem Action Fund
- ▶ Oak Foundation
- ▶ Orang Utan Coffee
- ▶ Orangutan Foundation UK
- ▶ Orang-Utans in Not e.V.
- ▶ Orangutan Outreach
- ▶ Orangutan Veterinary Aid
- ▶ Persephone Charitable and Environmental Trust
- ▶ Stiftung Farald von Wedekind und Fiorimonde Wedekind
- ▶ Sumatran Rainforest Institute
- ▶ Samudera
- ▶ The Ecology Trust
- ▶ The Orangutan Project
- ▶ Toronto Zoo
- ▶ UNDP Lion's Share Fund
- ▶ Universität Zürich, Universität von North Sumatra, Universität Syiah Kuala, Landwirtschaftsuniversität Bogor und Universität Bournemouth
- ▶ US Fish and Wildlife Service – Great Ape Conservation Fund
- ▶ WALHI North Sumatra
- ▶ Wildlife Conservation Society – Indonesia Programme
- ▶ Wildlife Asia
- ▶ Yayasan Ekosistem Lestari YEL
- ▶ Yayasan Hutan Alam dan Lingkungan Aceh
- ▶ Yayasan Orangutan Sumatera Lestari – Orangutan Information Centre
- ▶ Yayasan Puntondo and Yayasan Seloliman
- ▶ Zoologische Gesellschaft Frankfurt
- ▶ Zoo Zürich

Performance report

# Organisation and team

For many years, we have been proud of our stable team of long-term employees. And although the farewell that comes with a change is always bittersweet, new employees bring a lot of fresh impetus and new knowledge to the team.

### New structures for our work in Indonesia

In 2022, the Board of Trustees took an in-depth look at the new structures for PanEco's work in Indonesia. For 25 years, PanEco has worked under a memorandum of understanding (MoU) with the Indonesian Ministry of Environment and Forestry; this MoU was not renewed in 2022 due to changed framework conditions in Indonesia. After initially reshuffling the organisation in 2021, the Board of Trustees revised the change of strategy in spring 2022. This resulted in Country Director Dicky Simorangkir's three-person team working shorter hours than originally planned. In November, behavioural biologist Dr Brigitte Spillmann joined the PanEco team and has since been coordinating all programmes in Indonesia from Switzerland.

### PanEco – history of the foundation in facts and figures

- 1996 Biologist Regina Frey from Berg am Irchel founds the PanEco Foundation with like-minded people.
- 1999 An agreement is signed between PanEco and the Indonesian government, marking the start of the Sumatran Orangutan Conservation Programme (SOCP).
- 1999 PanEco's sister foundation Yayasan Ekosistem Lestari (YEL) is founded in Indonesia.
- 2006 PanEco becomes Zewo-certified for the first time.
- 2008 The Berg am Irchel Bird of Prey Sanctuary is integrated into the foundation. The sanctuary was set up and run by Veronika von Stockar, Regina Frey's mother, from the 1950s onwards.
- 2011 PanEco and the Canton of Zurich jointly open the Thuraueu Nature Centre in Flaach. Environmental education activities and ranger services are the focus.
- 2022 In the past year, 27 permanent employees, mostly part-time, worked at PanEco's Nature Centre, the Bird of Prey Sanctuary and its headquarters; five of them worked in Indonesia. In Indonesia, YEL had a workforce of 135 employees working on the SOCP. PanEco runs a total of seven programmes together with partner organisations in Indonesia.

### Departures at the headquarters

With our sincerest thanks, we said goodbye to Nicole Bosshard and Dominique Bärtschi, who have both decided to embark on a new journey. Nicole has contributed to the successful communication of PanEco's work and worked her magic on our online communication for six years. Like Nicole, Dominique started with an internship. She subsequently held the position of the assistant to senior management for 11 years, before going on to successfully manage institutional fundraising.

### Environmental education for the future

New to the team is János Rumpel. A project co-financed by the Canton of Zurich's Department of Education has enabled the creation of his part-time position, with the aim of expanding the range of school programmes on offer at the Thuraueu Nature Centre and adapting them to the Lehrplan 21 curriculum project.

### Zewo quality seal

PanEco has carried the Zewo quality seal for over 16 years. At the beginning of 2022, the foundation was comprehensively audited by Zewo as is customary. We are proud: the recertification showed that we meet the 21 Zewo standards and can therefore continue to carry the quality seal.



### PanEco Board of Trustees

The Board of Trustees is in charge of defining the organisation's strategic direction, appointing senior management, and approving the annual financial statement and budget.

### From left to right:

Thomas Hofstetter, Regina Frey, Samuel Frey, Peter Hollenstein, Claudia Lutz-Campell, Prof. Dr. Carel van Schaik, Viktor Giacobbo, Karin Koch

# Team 2023, per 1 Mars 2023

### PanEco headquarters, Berg am Irchel



**Irena Wettstein** 90% Co-managing Director programmes & communications  
**Marcel Etterlin** 75% Co-managing Director finance & fundraising  
**Katja Koltz** 80% Communications  
**Esther Kettler** 80% Accounting  
**Eberhard Dilger** 50% Institutional fundraising



**Claudia Crevatin** 80% Institutional fundraising  
**Anja Marti** 60% Public fundraising & bequests  
**Amber Gooijer** 40% Donor relations, sponsorships  
**Melina Erdin** 100% Intern

### Berg am Irchel Bird of Prey Sanctuary



**Andi Lischke** 100% Manager  
**Jan Kobza** 80% Deputy Manager  
**Leo Vogel** 80% Intern  
**Amber Gooijer** 30% Environmental education

### Thuraueu Nature Centre, Flaach



**Simon Fuchs** 80% Manager  
**Sonja Falkner** 80% Deputy Manager  
**Giulia Fontana** 60% Coordinator volunteers, environmental education  
**János Rumpel** 60% Programmes of School  
**Heribert Rappolt** 40% Caretaker



**Dario Bayani** 80% Team Leader ranger service  
**Michaela Driessen** 30% Ranger  
**David Heritsch** 100% Intern  
**Hannah Leisch** 100% Intern

### Sumatran Orangutan Conservation Programme SOCP, Medan, Indonesia



**Ian Singleton** 100% Senior Advisor  
**Brigitte Spillmann** 80% Programme Manager Indonesia  
**Febrina Desrianti** 100% Grants Programme Manager  
**Fikty Aprilinayati** 100% Grants Programme Manager  
**Vicky Dauncey** 20% Programme Development Manager

Performance report

# Public relations and fundraising

The PanEco Foundation largely relies on donations to fund its activities. It is entirely thanks to these donations from numerous institutions and private individuals that we are able to do our nature conservation work. A team of seven regularly keeps the public and our supporters in the loop – in digital and print form – about PanEco’s work, notifies them about our activities and asks for donations.

**Communications**

**Online**

The new websites created in 2021 (paneco.ch/en, greifvogelstation.ch, naturzentrum-thurauen.ch, sumatranorangutan.org) serve as a central source of information for interested guests. All programmes and events can also be viewed and booked on the websites, and new articles are published every week to go into greater depth on a specific topic and to present the current patient at the Bird of Prey Sanctuary. Making donations is straightforward on the website, and can be done at any time. The latest news relating to all our programmes is sent out to 8,600 people in a monthly digital newsletter. We provide even more up-to-date information on our various social media channels with several posts per week.

**Offline**

In the 2022 year under review, we were pleased to be the subject of 37 reports in regional and German-speaking Swiss newspapers, magazines and radio stations, with special coverage of the activities to mark the foundation’s 25th anniversary in September. The events programme was published at the end of January; over 30 events attracted the public to the Bird of Prey Sanctuary and the Thurauen Nature Centre during the course of the year.

 Interested in news of PanEco?  
Follow us: paneco\_ch

**Fundraising**

**Institutional**

Fifty-five per cent of our funding comes from grant-making foundations. In 2022, we sent funding requests to numerous institutions in Switzerland, Liechtenstein and Germany to ask for support for all three of our foundation’s programmes. We engage in international fundraising beyond the three countries named above for our Orangutan Conservation Programme. In addition, for separately defined, specific projects, we submit our own funding applications as well as joint ones with other conservation organisations to large international foundations and government funding programmes.

**Public**

We receive around a quarter of our donations from private individuals who support us with one-off donations, sponsorships, patronages or as members. They receive our *PanEcho* magazine four times a year, accompanied by a request for a donation towards a current issue. We also sent out the donation confirmations in January and an appeal for donations around Christmas time. In June, we sent a questionnaire to all our regular donors to find out how satisfied they are with our communications and our work. The number of responses we received was incredibly high, and we were pleased to receive plenty of positive feedback.

In time for the start of the summer holidays, we designed our very own snakes-and-ladders game with the theme of orangutans and the rainforest, and distributed it in letterboxes throughout the city of Bern to familiarise new donors with the type of work we do.

We continued our activities to recruit new orangutan sponsors in French-speaking Switzerland last year. An agency that specialises in street fundraising once again supported us in this endeavour. The opportunity to support our sponsored animals and the other orangutans in the sanctuary with a regular contribution was actively taken.

Financial report

# Notes on the annual financial statement 2022

**Revenue**

PanEco generated revenue of almost CHF 5.1 million in 2022. Revenue from fundraising activities decreased by 11.4% compared to the previous year. This is mainly due to the decline in private donations and the end of a three-year support package for the Leuser Ecosystem. Revenue from services rendered, including public grants, rose by 6.3% compared to the previous year. The majority of our revenue is thanks to the important network of grant-making foundations, private donors and contributions from the Cantons of Zurich and Schaffhausen.

**Project expenditure**

PanEco principally uses its funds for the operational management of the following three main projects:

- Sumatran Orangutan Conservation Programme, Indonesia
- Berg am Irchel Bird of Prey Sanctuary, Switzerland
- Thurauen Nature Centre in Flaach, Switzerland

In the past financial year, the net allocation of earmarked donations was once again positive. It should be noted, however, that these sums are often associated with timelines longer than one year for special projects such as protecting the Batang Toru ecosystem and Tapanuli orangutan conservation activities on Sumatra with our partners, as well as the construction of Orangutan Haven.

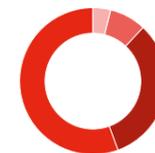
**Fundraising, communication and administration**

The costs for communications, fundraising and administration fell compared to the previous year.

PanEco strives to structure its organisation efficiently so that the maximum possible proportion of donations can be used to fund projects. Our fundraising practices are based on the Swiss fundraising ethical guidelines.

**Sources of funds**

The largest portion of our revenue comes from grant-making foundations, and a somewhat smaller portion from private donors. A further portion is generated by means of project revenues. The Thurauen Nature Centre also receives financial support from the Canton of Zurich, and the Ranger Service is additionally supported by the Canton of Schaffhausen.



**Use of funds for our three main programmes**

The largest portion of our funding goes towards the holistic Orangutan Conservation Programme in Indonesia. A smaller amount goes towards the Thurauen Nature Centre in Flaach and the Berg am Irchel Bird of Prey Sanctuary. We spend 12% income on administration, fundraising and communications (awareness-raising).



**Result**

PanEco ended the year with an annual profit of CHF 206,043.36. We are allocating the amount to our free capital, thus strengthening the organisation’s capital.



**Save orangutans and birds of prey beyond your own lifetime**

When PanEco is included in a will, it helps us enormously in achieving our objectives. Additional sums of money from a private bequest help to better establish a solid financial foundation for new projects aimed at supporting endangered species and at protecting nature. It’s like taking a deep breath that allows you to get down to work feeling fully energised. New inheritance laws allow

for a larger free quota in the distribution of an estate, giving many people the peace of mind of knowing that their loved ones are well provided for, but also that they can continue to support causes that were close to their hearts while they were alive. I would be happy to provide you with information on how you can include the PanEco Foundation in your will.

► Phone +41 (0)52 354 32 35  
► anja.marti@paneco.ch

## Balance sheet PanEco

	31.12.2022	31.12.2021
	CHF	CHF
<b>Assets</b>		
<b>Current assets</b>		
Cash	5'362'018.98	5'316'778.05
Trade accounts receivables	86'306.61	14'195.20
Other accounts receivables	8'547.20	5'196.23
Inventory	3'621.54	3'781.13
Accrued income	35'763.05	33'145.75
<b>Total current assets</b>	<b>5'496'257.38</b>	<b>5'373'096.36</b>
<b>Non-current assets</b>		
Financial assets	1'140'304.00	814'357.25
Tangible fixed assets	864'868.58	949'019.56
<b>Total non-current assets</b>	<b>2'005'172.58</b>	<b>1'763'376.81</b>
<b>Total assets</b>	<b>7'501'429.96</b>	<b>7'136'473.17</b>
<b>Liabilities, funds and capital</b>		
Short-term liabilities	45'530.09	90'366.57
Liabilities	51'238.45	30'809.10
Accrued liabilities	206'860.85	281'821.02
<b>Total short-term liabilities</b>	<b>303'629.39</b>	<b>402'996.69</b>
<b>Long-term liabilities</b>		
Loans	200'000.00	200'000.00
Loans from related parties	655'000.00	835'000.00
<b>Total long-term liabilities</b>	<b>855'000.00</b>	<b>1'035'000.00</b>
<b>Restricted funds</b>	<b>3'367'577.73</b>	<b>2'929'297.00</b>
<b>Capital of the organisation</b>		
Paid-in capital	10'000.00	10'000.00
Tied capital	2'000'000.00	2'000'000.00
Internally generated unrestricted operating funds	965'222.84	759'179.48
<b>Total capital of the organisation</b>	<b>2'975'222.84</b>	<b>2'769'179.48</b>
<b>Total liabilities, funds and capital</b>	<b>7'501'429.96</b>	<b>7'136'473.17</b>

### Explanatory notes for the balance sheet and statement of operation

<sup>1</sup> Environmental education in Switzerland: this primarily includes the Thurauen Nature Centre and the Ranger Service programmes.

<sup>2</sup> Environmental education in Indonesia: we support three Environmental Education Centres: PPLH Seloliman in Java, PPLH

Puntondo in Sulawesi and PPLH Bohorok in Sumatra.

<sup>3</sup> Environmental protection in Switzerland: this includes the Berg am Irchel Bird of Prey Sanctuary.

<sup>4</sup> Environmental protection in Indonesia: this concerns the financing of SOCP, as well as investment projects in collaboration with partners, such as the Orangutan Haven.

## Statement of operations

	31 Dec 2022	31 Dec 2021
	CHF	CHF
<b>Income</b>		
Income from fundraising campaigns	3'725'952.43	4'261'076.71
Free donations	713'544.77	749'300.88
Income from public authorities	406'525.79	404'621.47
Income from services rendered	247'265.26	210'603.30
<b>Total Income</b>	<b>5'093'288.25</b>	<b>5'625'602.36</b>
<b>Expenditure on services</b>		
<b>Project expenditure</b>		
Environmental education in Switzerland <sup>1</sup>	-1'045'303.75	-902'434.76
Environmental education in Indonesia <sup>2</sup>	-120'900.00	-117'400.00
Environmental protection and conservation in Switzerland <sup>3</sup>	-360'805.02	-390'040.68
Environmental protection and conservation in Indonesia <sup>4</sup>	-2'211'422.26	-2'626'455.61
Partnerships and other projects	-28'292.54	-23'992.54
<b>Total project expenditure</b>	<b>-3'766'723.57</b>	<b>-4'060'323.59</b>
Communication and fundraising	-519'636.08	-575'234.92
Administration	-107'261.53	-166'701.80
<b>Total expenditure on services</b>	<b>-4'393'621.18</b>	<b>-4'802'260.31</b>
<b>Operating result</b>	<b>699'667.07</b>	<b>823'342.05</b>
Financial income	15'848.65	140'636.80
Financial expenses incl. Forex differences	-80'473.08	-133'706.99
<b>Financial result</b>	<b>-64'624.43</b>	<b>6'929.81</b>
Extraordinary non-operating income	9'281.45	318.85
Extraordinary non-operating expenses	0.00	-17'513.10
<b>Extraordinary non-operating expenses/income</b>	<b>9'281.45</b>	<b>-17'194.25</b>
<b>Result before allocation and use of funds</b>	<b>644'324.09</b>	<b>813'077.61</b>
Allocation	-4'267'002.07	-4'763'740.58
Use	3'828'721.34	4'182'308.58
<b>Result from restricted funds</b>	<b>-438'280.73</b>	<b>-581'432.00</b>
<b>Year result before allocation to capital of organisation</b>	<b>206'043.36</b>	<b>231'645.61</b>
<b>Use</b>		
Allocation tied capital (legacy)	0.00	0.00
Allocation free capital	-206'043.36	-231'645.61
<b>Result from capital of the organisation</b>	<b>-206'043.36</b>	<b>-231'645.61</b>
<b>Result after allocation and use of funds</b>	<b>0.00</b>	<b>0.00</b>

## Cash flow statement PanEco

	31 Dec 2022 CHF	31 Dec 2021 CHF
<b>Changes in operating activities</b>		
Result (before allocation to capital of the organisation)	206'043.36	231'645.61
Changes in capital	438'280.73	581'432.00
Depreciation	84'150.98	84'150.98
other fund-ineffective expenses/income	65'683.55	-7'223.30
(Increase) Decrease other accounts receivables	-75'462.38	-8'857.53
(Increase) Decrease inventory	159.59	638.75
(Increase) Decrease accrued income	-2'617.30	33.75
Increase (Decrease) liabilities	-24'407.13	58'752.38
Increase (Decrease) accrued liabilities	-74'960.17	-138'854.46
<b>Cash flow from operating activities</b>	<b>616'871.23</b>	<b>801'718.18</b>
Investments in financial assets	-505'940.60	-367'309.65
Disinvestments in financial assets	114'310.30	98'182.40
<b>Cash flow used for financing activities</b>	<b>-391'630.30</b>	<b>-269'127.25</b>
<b>Increase (Decrease) loans</b>		
Related parties	-180'000.00	-190'000.00
<b>Cash flow used for financing activities</b>	<b>-180'000.00</b>	<b>-190'000.00</b>
<b>Changes cash and cash equivalents</b>	<b>45'240.93</b>	<b>342'590.93</b>
Cash and cash equivalents as of 1 January	5'316'778.05	4'974'187.12
Cash and cash equivalents as of 31 December	5'362'018.98	5'316'778.05
<b>Evidence of changes cash and cash equivalent</b>	<b>45'240.93</b>	<b>342'590.93</b>

## Statement of changes in capital

	Opening balance 1 Jan 2022	Allocation	Use	Closing balance 31 Dec 2022
<b>Restricted funds</b>				
Environmental education in Switzerland	218'075.93	753'109.94	-914'185.87	57'000.00
Environmental protection and conservation in Switzerland	497'421.05	409'985.18	-409'985.37	497'420.86
Environmental education in Indonesia	180'000.00	180'900.00	-120'900.00	240'000.00
Environmental protection and conservation in Indonesia	2'033'500.02	2'922'006.95	-2'382'350.10	2'573'156.87
Other projects	300.00	1'000.00	-1'300.00	0.00
<b>Total restricted funds</b>	<b>2'929'297.00</b>	<b>4'267'002.07</b>	<b>-3'828'721.34</b>	<b>3'367'577.73</b>
<b>Capital of the organisation</b>				
Paid-in capital	10'000.00	0.00	0.00	10'000.00
Tied capital	2'000'000.00	0.00	0.00	2'000'000.00
Internally generated unrestricted operating funds	759'179.48	206'043.36	0.00	965'222.84
<b>Total capital of the organisation</b>	<b>2'769'179.48</b>	<b>206'043.36</b>	<b>0.00</b>	<b>2'975'222.84</b>

## Audit report

The annual financial statement for 2022 was audited on 6 March 2022 by Consultive Revision AG. It complies with the law and the articles of incorporation. The audit report and the entire annual financial statement can be ordered from our office or downloaded via our website.

Extract from the auditor's report:  
«(...) Based on our limited statutory examination, nothing has come to our attention that causes us to believe that the financial statements do not give a true and fair view of the financial position, the results of operations and the cash flows in accordance with Swiss GAAP FER. Furthermore, nothing has come to our attention that causes us to believe that the financial statements do not comply with Swiss law and the foundation's deed.»

Winterthur, 9 April 2023, Consultive Revisions AG,  
Tatjana Widmer und Urs Boner

## Impressum

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Annual review

# 2022 in a nutshell

Not everything that happens in a year makes it into the annual report. Either here or on our website, you can flick through the brief overviews of the events, news and highlights that didn't get prime coverage but were no less important.



**You can read about 2022 in a nutshell on the website:**

**January**



Start of construction works at the Nature Centre: new steel pillars and larch-wood cladding were installed for the adventure trail. A learning playground was also built.



After Deka was successfully released into the wild in 2021, we accepted the young female orangutan Antana into our sponsorship programme in January.

**February**



The new sub-exhibition on ecosystem services was ready for the start of the season at the Nature Centre. The exhibition highlights how important nature is for humans.



Various school groups tested the newly developed environmental education modules at Orangutan Haven in February, which could be booked regularly from October.

**March**



A new addition to the Nature Centre team: interns Elena Finkler, Pascal Reutimann and Nico Santavenere joined the team to assist with environmental education at the Nature Centre.

**April**



A northern goshawk was brought to the Bird of Prey Sanctuary in April. This rare patient had an injured foot, which we were able to treat successfully.



Something different at the Nature Centre: this young squirrel fell out of a nesting box and was luckily found by one of our staff members.

**May**



Work on the honey project, which commenced in 2021, is being ramped up. In April, 20 residents of the village of Jantho Lama were trained in beekeeping and made aware of the need to protect the rainforest.



An osprey had an accident while migrating to its summer habitat, but luck was on its side: the bird was found by animal rescue and brought into the care of the Bird of Prey Sanctuary.



In May, we invited participants to an initial planning meeting for a new conservation project in the Batang Toru Ecosystem. The three-year project will start in January 2023 in collaboration with seven selected partners.



As it's been a bad year for owls, we only had a few owl chicks this spring, like this young tawny owl in the picture.

**June**



The cantonal hiking day took place in 2022, where over 200 people walked to the Nature Centre. The first leg of the newly created 'Via Natura' cantonal hiking trail was officially opened.



Half-time for events at the Bird of Prey Sanctuary, where at least one public event took place every month. All were fully booked down to the very last seat.



This year's Junior Ranger Olympics took place at the Nature Reserve and Wildlife Park Goldau, where the Thurauen Junior Ranger group gave it their best on the obstacle course.

**July**



Released into the wild a few years ago, Kluet, who has now had offspring, was spotted with her young at the rewilding station in July.



Work to set up the aviaries for the songbird breeding programme in Orangutan Haven was completed. Everything is now ready for endangered Sumatran songbird species to start breeding there.



Marta, Fritz and James, the three young Ural owls, were successfully transferred to Austria, where they were released into the wild as part of our Ural owl resettlement programme.

**August**



The hot, dry weather left its mark, and the Thurauen floodplain was not spared. The region seemed almost autumnal to the rangers on their tours at the height of summer.



Binawana, alias 'No Nose', was seriously injured in 2016 and brought to us. In August 2022, we were able to transfer her to the rewilding station, where she was released into the wild a few weeks later.

**September**



Time to party! The PanEco Foundation turned 25 during the pandemic last year. In September, we celebrated our anniversary with long-time companions, friends and supporters.

**October**



Time and time again, we are able to release bird patients more quickly by imping their wings. This kestrel, which flew into a high-voltage power line, was also released into the wild with new flight feathers.



After an unavoidable two-year break due to the pandemic, our Swiss team was finally able to travel to Indonesia again to visit our colleagues and the programmes there.

**November**



A new system was established in our rescue and rehabilitation station for orangutans, with which the date of an orangutan's resettlement can be determined based on data. Sheila is training all animal keepers in how to use the new system.



When one season ends, the next one begins: the Nature Centre team revised the existing school programmes and developed new formats during the winter retreat.



Giving up is not an option: after coming to the Bird of Prey Sanctuary for the third time in a year, this female eagle owl was released again in November after being nursed back to health and full strength.



Veterinarian Yenny with a new orangutan, little Pahae, who was found at a durian plantation; the traumatised animal needed plenty of physical contact and affection while settling in.

Several starving birds were brought to the Bird of Prey Sanctuary at the start of December as a result of the cold conditions and snow. However, we were spared lengthy periods of freezing temperatures and the winter was generally mild.



Sumatran Orangutan  
Conservation Programme



Naturzentrum  
Thurauen



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Berg am Irchel

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