

# ANNUAL REPORT 2020-2021

Beyond One Million Trees

Fairventures Worldwide gGmbH



**fairventures  
worldwide**



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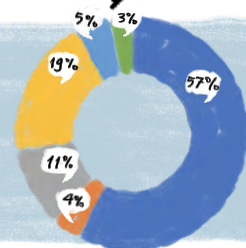
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## Dear Friends of Fairventures,

Initiatives to combat climate change are finally gaining traction around the world. This past May here in Germany, the Federal Government tightened its Climate Change Act, now aiming to reduce carbon emissions by 2030 to 65% of the levels recorded in 1990. This has been accompanied by the passing of a value chain bill by ensuring the protection by law of each worker involved in the value chains crossing Germany.

We at Fairventures have been developing nature-based solutions that combat climate change while respecting all stakeholders involved, especially the smallholder farmers and communities in developing countries doing the actual reforestry work for everyone's benefit. For instance, we are working together with them on the TREEO app which will enable farmers to digitally monitor their respective trees. This helps them to a sustainable income as the app

gives them greater control over their timber.

Of course, the Coronavirus pandemic has affected our projects, especially in the field in Uganda and Indonesia. However, we still gained sponsorships and partnerships with companies at a time when many parts of the world went into lockdown. It is a sign that the private sector is also investing greater resources in nature-based solutions in spite of the unprecedented situation. The revenue helped us implement more farmer field schools in Indonesia and Uganda where farmers and communities are being empowered with tools and the know-how for reforestation.

We are also happy to announce that we are a founding member of the UN Decade of Ecosystem Restoration that launched this past June. It is a global initiative which recognizes that the most effective way to halt the disastrous effects of climate

change is working together with nature.

All these achievements would not have been possible without our supporters and I thank each of you warmly for helping us realize our vision. Let's keep this momentum going. Let's get the message out about fair nature-based solutions and ensure that every individual is equipped with the knowledge and tools to take part in solving such major crises of our time.

Come aboard with us!



**Johannes Schwegler**

Executive Director  
Fairventures Worldwide

## Our Structure



Fairventures Worldwide (FWW) is registered in Germany as a non-profit limited liability company (gGmbH). This means that all our earnings are used strictly for non-profit purposes. Besides our headquarters in Stuttgart, we also operate from country offices in Indonesia and Uganda.



Our sister company Fairventures Social Forestry (FSF) is set up as a private sector entity. By being able to receive bigger investments, the Fairventures approach can be scaled up. As such, Fairventures Social Forestry operates independently as a social entrepreneur while continuing to cooperate with Fairventures Worldwide on projects.

### In 2020-2021



We distributed **326,298** tree seedlings



In 2020 reforested **460** hectares



We supported **961** farmers in Indonesia and Uganda

### Since our inception in 2013



We have distributed **1,457,562** tree seedlings



We have reforested **1,191** hectares



We have supported **2,432** farmers in Indonesia and Uganda



We consist of **48** Staff members

**58%** local staff from Indonesia and Uganda (**24** people)

**57%** percent of the leadership is female



## Where We Work



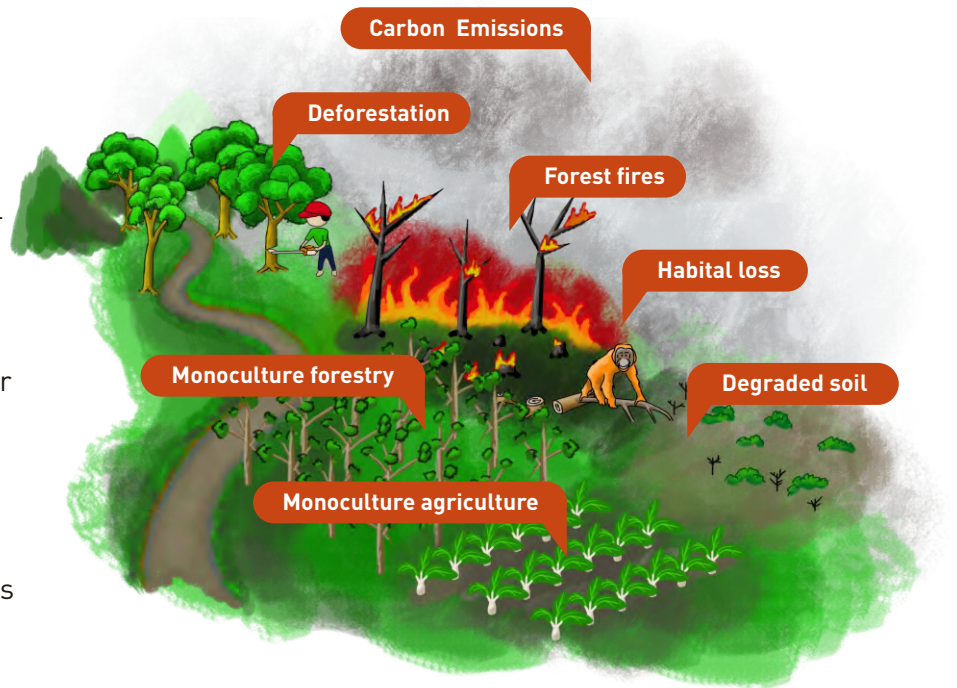
## Our History





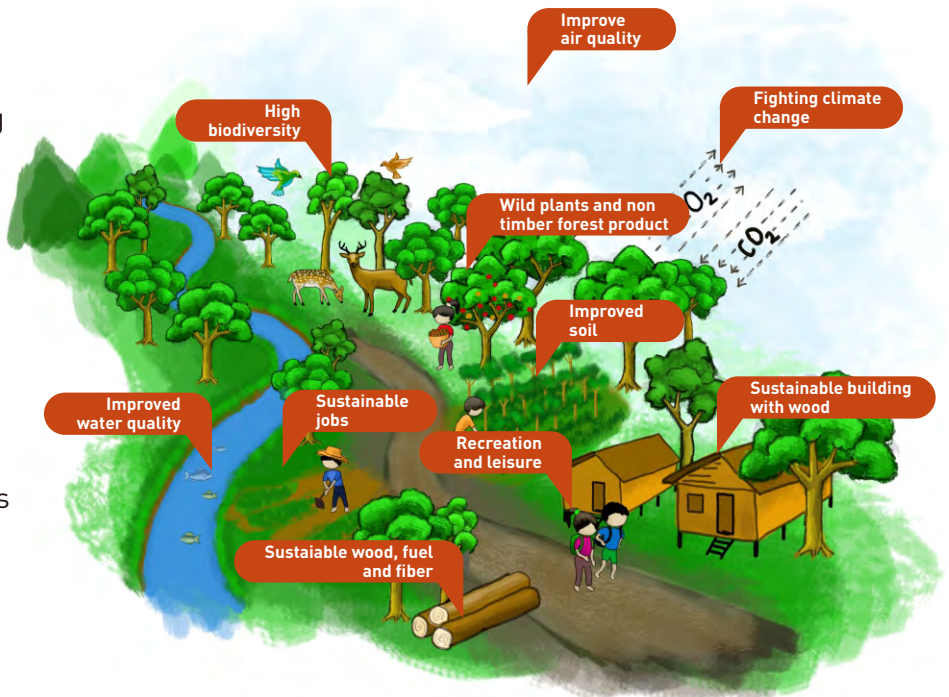
## The Problem

Forests are threatened around the world. But deforestation is advancing especially rapidly in tropical countries, where forests fulfil important functions for biodiversity, the climate, and global water cycles. In most cases the conversion of forest areas is driven by the global hunger for resources in combination with a lack of alternative income opportunities for local communities. This trend has led to devastating consequences – for the environment, the global climate, but also the livelihoods of local people. The United Nations warn that a third of the world's soils are already severely degraded due to unsustainable land use.



## Our Solution

We plant trees on degraded lands together with different actors along the value chain. In practice this means: Smallholder farmers in developing countries are equipped with digital tools and secure sources of income. Buyers i.e. timber traders, chocolate manufacturers, etc. draw on their sustainable products. By producing wood from fast-growing native trees, we mitigate the pressures from illegal logging. Natural forests are preserved as a habitat for endangered animals and basis for ecosystem services.







**FAIRVENTURES**  
SOCIAL FORESTRY



**fairventures**  
worldwide



## **Vision:** **Good forests as climate solutions**



Mission Fairventures Worldwide:  
Empowering farmers through  
reforestation and responsible value  
chains.



Mission Fairventures Social Forestry:  
Creating responsible investment  
opportunities in forest-based climate  
solutions at scale.





## Indonesia: 100 Million Trees in Full Gear

The jungles of Borneo are home to orangutans, elephants, and various wild cats. Its unique diversity has, however, been endangered by human activities. In 2020, we have continued reforestation operations from our initial One Million Trees program that was completed in 2019. Reforestation is a powerful tool to combat climate change.

The now rechristened 100 Million Trees program continues the cooperation with local smallholder farmers, both new recruits and participants of One Million Trees. Under this program, degraded land is reforested using Good Agroforestry Practice (GAP), a set of guidelines and training

materials tailored to the project area and farmers' needs. In other words, 100 Million Trees is not only concerned with expanding our seedling distribution network, it also extends the training and support program for participating farmers.

Another part of the program incorporates food and living space for orangutans while helping communities located in the rainforest increase crop yields and raise non-timber forest products (NTFPs) as sources of income. First field tests were conducted in May in which data on mixed agroforestry systems including orangutan habitat trees and lightwood was collected.

Another set of field tests run in 2020 tested the lightwood grown by the participating farmers as a construction material. A full building was successfully constructed at the Mangkawuk Learning and Production Center (MLPC) in Central Kalimantan, sparking excitement among project coordinators for the additional financial potential of our products.

Further ideas under 100 Million Trees are currently in development. We will share more results in next year's edition and are confident 100 Million Trees will continue far into the future as a project that keeps growing and developing.



Our 360 video "100 Million Trees for Borneo Virtual Reality" takes you on a virtual journey to our 100 Million Trees program, shot directly on location in Central Kalimantan, Indonesia. Join our Communications Coordinator Monalisa on a 360° walk through our project sites. Hear directly from the team in Indonesia and meet local farmers Ludyanto and Santi who participate in our 100 Million Trees program.

Although virtual reality glasses immerse you into the

experience, the video can be viewed on YouTube without them.

Special thanks go out to our partner Bread for the World for producing the video and the company Into VR & Video GmbH who shot the film on-site and holds the copyright.

Scan to watch the video:





## Achievements in 2020/2021



91,084 seedlings distributed



79 participating farmers



12 tree species



55-85%\*  
survival rate of planted trees



6 non-timber food products



18 signed partnership agreements

\*Broad percentage range is a result of flooding causing significantly lower survival rates in some areas

Ludiyanto and his son on his farm. He is a One Million Trees participant who currently takes part in the training program on maintenance and harvest preparation. We were visiting his field, which is located in the middle of an oil palm plantation. We were curious as to why he

has not sold his land to an oil palm company.

"I have nothing but only this piece of land that I can give to my son in the future. I want to make sure he will have it one day and it will be full of trees."



Webmap yang menampilkan semua jalur reforestasi



**Ludiyanto**, a farmer from Talaken village.



**Sidae**, a farmer from Malahoi village.

"My family depends on illegal gold mining as the only source of income. This job puts our lives at high risk everyday. The 100 Million Trees Program brings new hope to our family. I really hope that one day, my husband and I will not have to do illegal mining."





## Uganda: An Ideal Location For Nature-Based Solutions

In Uganda, our programs support vocational schools, churches, community groups, and associations of tree planters; we also work with timber companies and environmentalists. Alongside protecting the country's indigenous rainforests, our objective is to enable smallholder farmers to generate their own income through timber and food crop sales, such as beans and groundnuts, that are compatible with reforestation through agroforestry systems.

The bulk of our work in 2020 was focused on seedling distribution in various districts. This consisted of setting up tree nurseries to raise the tree seedlings, establishing and conducting farmer training programs, as well as engaging more local partner organisations and companies. The pandemic slowed down operations in the field, although we managed to achieve most of the goals we had set. The infographic on the next page provides a summary of this year's achievements.

Uganda definitely qualifies to join the global nature-based solutions strategy, because the country has ideal climatic conditions and good soils. This notwithstanding, Uganda still experiences massive loss of forest cover as a result of population expansion and the need for more land for agriculture.



The Uganda team worked with vocational students at Kasese Youth Polytechnic (KYP) to provide them agri-inputs and training for a student-run nursery there. Nursery infrastructure had already been built up by earlier projects and students were empowered to run the facility by themselves as a business model. The overall goal is to prepare students to have an additional skill that can earn them some money other than job hunting when they finish their studies.

The students managed to raise and produce 14,000 tree seedlings in six months which they can sell at a good price.





Following up on our construction concepts from last year, Fairventures Worldwide is working on a design for a pilot structure made from lightwood species grown by our farmers in Uganda in cooperation with the Bern University of Applied Sciences and Löffler & Schmeling Architects. We see a lot of potential in the construction sector as a future market for the trees our farmers are planting. The utilization of timber in construction comes with additional benefits: wood binds CO2 in contrast to steel and concrete, which are emission-intensive.

## Achievements in 2020



89,158 seedlings distributed



2 tree species



810 farmers benefiting from the program



6 nurseries opened



10 signed partnership agreements

“As a community, we need to plant more trees because there's a market already, we are moving distances looking for timber to buy, so why not grow more trees? There are some challenges that the tree farmers face: One is theft of seedlings from the garden. Secondly, some community members are unable to collect seedlings from the nursery,

due to the limited number of seedlings. By providing enough seedlings for all, this issue can be minimized. Both the farmers and the Fairventures team are looking forward to the next seedling distribution.”

**Masereka Nyarwasa**, a farmer from Kasese District, Uganda, collecting seedlings from the nursery bed.







## Digital Solution: Reliable Data About Every Single Tree

Fairventures experts from three continents comprising farmers, foresters, developers, data scientists, and communication officers are developing digital tools to improve the efficiency of our operations. We have started development on the second version of TREEO with funding from the German Ministry of Economic Cooperation and Development (BMZ). The intention behind TREEO is to accelerate reforestation by funding smallholder farmers to plant trees and prove their impact through reliable data about every single tree. The new version allows for scaling as we hope the platform will eventually be used by farmers, researchers, and tree planters worldwide.

TREEO operates with payments for environmental services (PES), whose purpose it is to

give those providing environmental services compensation for the costs of their provision (such as farmers planting trees that remove carbon from the atmosphere). Those who benefit from these services should pay for them, thereby internalizing these benefits. PES are growing significantly - most in demand are those offering durable and socially beneficial carbon removals.

The new platform will consist of a tree scanner that 1) monitors the trees' biomass, which serves as a basis to calculate carbon storage and 2) serves as a real-time database for every single tree on the farmers' land. These features provide the required transparency for the PES market, which will help to accelerate reforestation at global scale.

Another software project we are contributing to is Treeam, by our valued partner attempto GmbH, that will function as the bridge connecting people to our projects. With it, users calculate their personal carbon emissions and their ecological impact. The calculated sums provide users orientation when investing in climate change mitigation projects. Treeam will feature accurate and transparent monitoring of carbon removals, as well as regular and reliable impact reporting. Ultimately, the software will offer users a deeper understanding of two things, one is the connection between their lifestyles and the climate crisis, and the other is how reforestation can be a mitigation method against negative impact.

## Achievements in 2020/2021



**519,424 data points  
digitally captured**



**69,394 GPS  
coordinates tagged**



**49,925 trees in the  
database**

\*Numbers remain the same as in the Annual Report 2019-2020 as the digital solutions team was preoccupied with preparations for the launch of TREEO 2.0 and TREEAM in 2021.

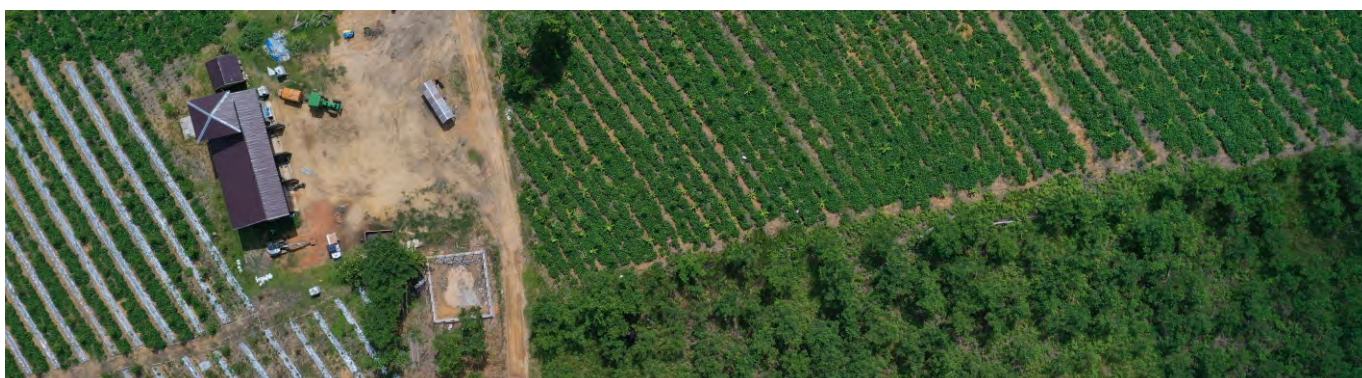
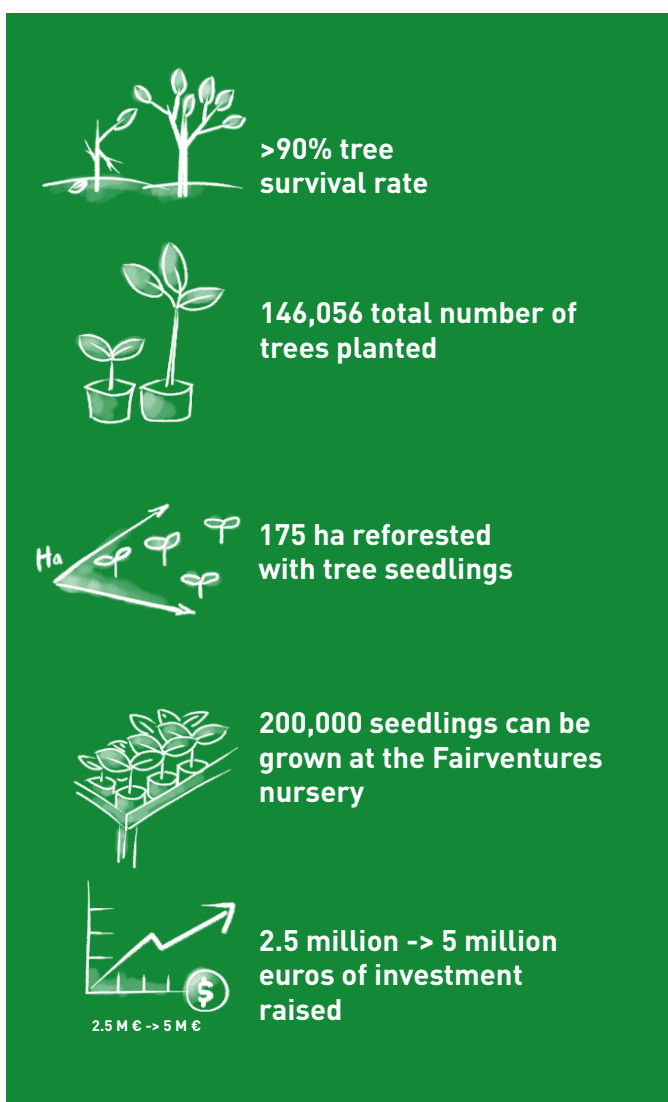




## Fairventures Social Forestry: Creating Investment Opportunities in a Scalable Forest-Based Climate Solution

Fairventures Social Forestry (FSF) was founded in 2018 to bring the philosophy of Fairventures Worldwide to a scale-based business approach for investors. Cooperating with local communities with secure land titles, we are currently implementing a 3,000 ha showcase in Central Kalimantan. Our market-based approach offers responsible investment opportunities that create long-term value, local income opportunities and positive climate contributions.

In 2020, we successfully planted 175 ha of formerly degraded land with lightwood seedlings. We have thus reforested a total of 282 ha since the start of the project. In addition, FSF has successfully implemented 3 ha of agroforestry test fields where four different types of crops are intercropped between Sengon trees (jack bean, banana, chili and galangal). The results will provide important insights into how we can further scale our agroforestry approach. In the process, we worked with more than 100 workers from local communities, while about 50 households directly benefited from having their land, located in the project area, planted with trees. Another major success of 2020 is the legal establishment of our Indonesian business entity, which allows us to transfer our long-term cooperation agreement with the communities to the corresponding legal entity.





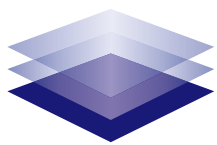
## The Team As of December 31, 2020





# Transparency

The transparency and quality assurance of our work is essential for us to ensure the success of our efforts. Our employees worldwide are therefore subject to guidelines and standards that ensure a responsible handling of entrusted funds. We would like to provide you with the highest possible level of transparency and demonstrate that we responsibly handle your trust in us and our work.



Initiative  
Transparente  
Zivilgesellschaft

As a member of the Transparent Civil Society Initiative, Fairventures Worldwide is committed to communicating information about the organization publicly and transparently. This includes, among other things, the statutes, the use and origin of funds, and information about the organization's personnel structure.

Fairventures  
Transparency  
Page:



VERBAND ENTWICKLUNGSPOLITIK  
UND HUMANITÄRE HILFE

As a member of VENRO (Association of German Development and Humanitarian Aid Non-Governmental Organisations), the guidelines and standards of the VENRO Codes apply to our business:

VENRO  
Code of  
Conduct:



VENRO Code  
Development-  
Related Public  
Relations:



Bundesverband  
Deutscher  
Stiftungen

Since Fairventures was formerly the subsidiary of a foundation, we have been a member of the Association of German Foundations since our foundation. We are committed to complying with the ethical framework of the association.

Guiding Principles of  
Good Practice for  
Foundations:



## Code of Conduct

In our Code of Conduct we describe the values and standards of our actions, both internally and in dealing with partners.

Code of Conduct:

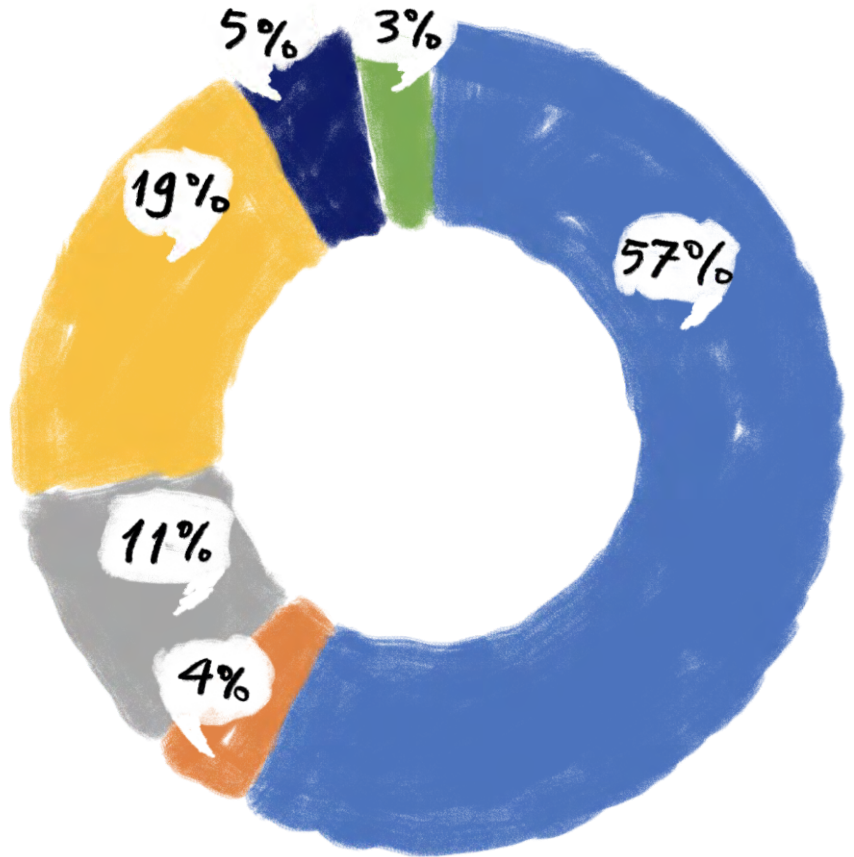
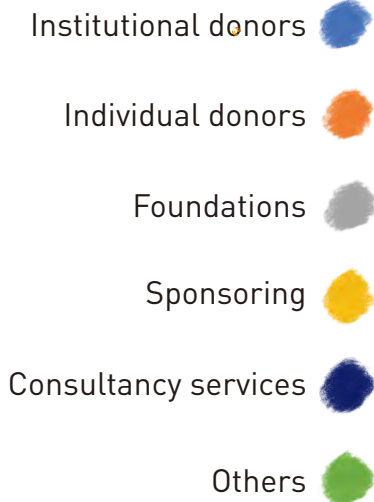




## Finances

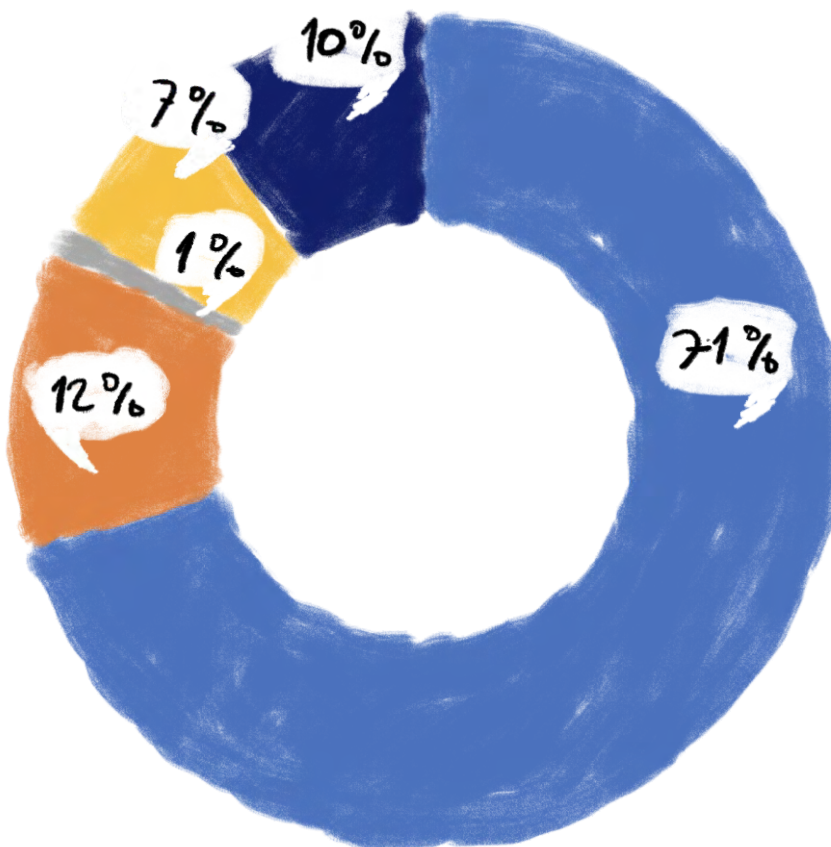
### 2020 Revenue

Total: € 1,868,845.31



### 2020 Resource Allocation

Total: € 1,710,632.92



Our books have been audited by:





## Finances Over Time

	2018	2019	2020
<b>Revenue</b>	<b>1,877,745</b>	<b>1,694,218</b>	<b>1,868,845</b>
Institutional donors	705,390	920,458	1,065,930
Individual donors	251,701	382,249	80,305
Foundations	579,000	75,146	209,131
Sponsoring	129,322	118,257	350,460
Consultancy services	191,184	177,847	101,893
Others	21,149	20,261	61,126
<b>Resource allocation</b>	<b>-1,507,254</b>	<b>-1,842,237</b>	<b>-1,710,526</b>
Indonesia	-1,018,901	-1,271,210	-1,207,256
Uganda	-64,837	-117,756	-212,122
Other countries	-160,804	-156,844	-12,879
Fundraising	-75,713	-95,171	-115,098
Admin	-186,999	-201,255	-163,171
<b>Surplus/Loss</b>	<b>370,491</b>	<b>-148,019</b>	<b>158,320</b>

Profit carried forward (+)			
Loss carried forward (-) from previous year	7,123	27,614	29,595
Retained earning	350,000	-150,000	121,796
<b>Net earning</b>	<b>27,614</b>	<b>29,595</b>	<b>66,118</b>



## Others About Us



**Ntajumba Bernard**, Farmer Training  
Coordinator in Bwera Community Nursery Bed,  
Kasese District, Uganda

"A man is born alone, but when he reaches Earth, he finds a friend called a tree. When a man wants to sit down, he uses a tree. When a man wants to eat fruits, they come from a tree. When a man wants to build his shelter, he uses a tree. Even the bed is made of a tree. When he wants to cook, he uses a tree. When he wants shade, it's a tree. Purification comes from a tree. When he becomes old, he uses a walking stick, which comes from a tree. When a man dies, he is buried in a coffin which is also a tree. So, we thank FWV for helping us acquire a friend like that, who will be us and is going to help us until our life on this Earth ends.

I especially want to thank Thembo James, Patience and Samantha. These people are always with us, training us and where we get stuck they help us. We thank the donors very much."



**Dr. Bernward Gesang**,  
Fairventures Advisory Board  
Member and Chair of  
Philosophy at the University  
of Mannheim, Germany

"Fairventures are pioneers and have the right approach; more specifically, [their] measures against climate change also bring about additional positive effects such as the reduction of poverty, as well as the maintenance of biodiversity, protection against pandemics, and the betterment of air, soil, and water quality."



**Dr. Horst Freiberg**, Fairventures  
Advisory Board Member and  
Former Head of Forest Division,  
German Federal Ministry of the  
Environment, Nature  
Conservation and Nuclear  
Safety (BMU)

"Fairventures offers a vision of a win-win situation with respect to climate goals, biodiversity and society - smallholder farmers in particular. I think Fairventures' approach will play a big role in forwarding the Sustainable Development Goals (SDGs) and the goals of the UN Decade for Ecosystem Restoration, bringing the discourse from the niche into the mainstream."



**Ir. Ikhtisan** (Head of  
Counseling, Community  
Empowerment and  
Indigenous Forest Sector of  
the Central Kalimantan  
Forestry Department) in  
Indonesia

"In the early days of the Covid-19 pandemic, Fairventures managed the kick off of 100 Million Trees Program in Central Kalimantan! The implementation of the Farmer Field School and the seedlings distribution was a success. In addition, we collaborate with Fairventures to promote lightwood from the 1 Million Trees farmers who will enter harvest season soon. I'm optimistic this program will be a success and will have a massive impact in Central Kalimantan!"



**Maria Malango**, Outreach Forester,  
Mangkawuk, Indonesia

"Spending time in the field and interacting directly with the farmers, discussing problems, and trying to find solutions together is a very valuable experience for me as a forester. I feel that my knowledge can be useful for others and the best part is that I learned a lot from the people in the village about how they take care of their forests."



## Partners and Supporters

We thank you from the bottom of our hearts and look forward to many more years of cooperation!

### Worldwide

Arcus Foundation  
Good Energies Foundation  
Hewlett Packard Enterprise (HPE)  
IDH – The Sustainable Trade Initiative

### In Indonesia

Ministry of Trade  
Indonesian Lightwood Association  
Ministry of Environment and Forestry  
The Borneo Institute  
Borneo Orangutan Survival Foundation  
Batu Bulan Farmers Group  
Forestry Agency, Central Kalimantan  
Yayasan Betang Sakula Budaya

### In Uganda

Bwera Farmers Community Nursery  
Eco-Agric Uganda  
Global Woods AG  
Holy Dove Vocational Secondary School  
Kikandwa Environmental Association  
Kasese Youth Polytechnic Vocational School  
Latek Stay Alliance Uganda  
MIIKA Estates  
NAWAD  
People and Nature Rwenzori Mountain  
RUHEPAI  
St. Simon Peter's Vocational Institute  
Uganda Timber Growers Association  
Vision Vocational Secondary School

### From Germany

Albrecht Auwärter Foundation  
Andreas Stihl AG & Co. KG  
attempto GmbH  
Bauder Foundation  
BOS Deutschland e.V.  
Broszeit GmbH  
Brot für die Welt (Bread for the World)  
German Federal Ministry for the Environment,  
Conservation and Nuclear Safety (BMU)

German Federal Ministry for Economic  
Cooperation and Development (BMZ)  
ELO Digital Office GmbH  
enway GmbH  
GD Holz (German Timber Trade Federation)  
Google.org  
Heidehof Foundation  
Intuity Media Lab GmbH  
Import Promotion Desk (IPD)  
Karlsruhe Institute for Technology (KIT)  
Löffler & Schmeling Architects  
Louis Leitz Foundation  
Out for Space GmbH  
Pacific Ring Europe GmbH  
Panterito Foundation  
Ravensburger AG  
Schell-Schokoladen  
Schmitz-Hille Foundation / W.P. Schmitz  
Foundation  
Schöck Family Foundation gGmbH  
Schreurs-tools GmbH  
Stiftungsnetzwerk Region Stuttgart e.V.  
Terra Canis GmbH  
Unique Forestry and Land Use GmbH  
University of Hohenheim  
Vector Foundation  
VENRO (association of organizations in  
development and humanitarian aid)  
Yook GmbH

### From Switzerland

The Audemars Piguet Foundation  
Mondaine Watch Ltd.  
SIPPO Swiss Import Promotion Programme







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 [info@fairventures.org](mailto:info@fairventures.org)

## CONTACT

Fairventures Worldwide FWV gGmbH  
Hasenbergstraße 31  
D-70178 Stuttgart  
© Fairventures Worldwide FWV gGmbH

Text and Concept: Frederick Billmeier  
Design: Jojon Surianata  
Responsible: Johannes Schwegler