



**Defending nature, empowering people**

**2019**

**Mission**

**report**



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 For the photos included in this document we thank:

- Stefano Gambini (cover)
- Carlo Mari (17)
- Carlo Morelli (12, 16)
- Chiara Luxardo (14)
- David Van Driessche (2, 12, 36, 43)
- IOM - Sandra Black (16, 21)
- Felipe Rodríguez (16)
- Ferran Aguilar (17)
- GCCA Tanzania (23)
- Giampiero Gandolfo (17, 19, 42)
- Mauricio Bisol (21, 31)
- Shouf Biosphere Reserve (16)
- Thandar Ko Gyi - Myanmar Ocean Project (17)

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## Letter from the President



**Rossella Rossi**  
President of Istituto Oikos

“Last year, 2019, was the second hottest year in recorded history, and the hottest ever recorded in Europe, with temperatures 3.2 degrees above average in December. Levels of CO<sub>2</sub> in the atmosphere have reached a new record high, despite reductions in emissions related to lockdown. In October 2020, in China, the Conference of the Parties to the United Nations Convention on Biological Diversity will negotiate new targets for the next decade. They will be conscious of one major fact: that most of the goals of the decade just ended have not been achieved. The environmental crisis has in no way loosened its grip. At the same time we are seeing an emerging laboratory of values, ideas and projects at the centre of which is a newfound relationship with our planet. In this context, Istituto Oikos is more than ever committed to making a contribution.

In 2019 we managed 60 projects in six countries and hired the Medforval secretariat to coordinate 18 high ecological value forest sites in the Mediterranean Basin. In 2020 numerous field activities are underway. We are making the best use of local action, limited in space and time, using its value as a pilot experience to identify sustainable and replicable solutions on a larger scale. We are doing this through a solid monitoring and evaluation system, experimenting with innovative technology, forging active and fruitful connections with the scientific world, administrative bodies, communities and businesses. Our focus is the protection of habitats, first and foremost forests and aquatic ecosystems: rivers, wetlands, coastal and marine environments.

We support a transition to agriculture that safeguards soils and agro-ecosystems and we promote renewable energy, maintaining the priority on reducing CO<sub>2</sub> in the atmosphere and restoring ecosystems, a goal to which the UN has dedicated the next decade.

### We must maintain our belief, while doing even more—and doing it better.

We contribute to activating the energy source most necessary for change: that of the inhabitants of the planet. Science exposes facts, experience guides action. But only human society—unified by a new moral imperative—and politics can make the transition possible. Consumers taking care to buy sustainable products, the young people of Fridays for future, but also the CO<sub>2</sub> reduction commitments undertaken by the European Commission and numerous governments, are important signs. We must maintain our belief, while doing even more—and doing it better.

### We are seeing an emerging laboratory of values, ideas and projects at the centre of which is a newfound relationship with our planet.

Istituto Oikos was born from the understanding that nature is our home (Òikos in ancient Greek). It is fundamental to our survival, to our economy, for building and producing what we need, and for its ability to create beauty and help us find serenity.

Almost a quarter of a century ago, in 1996, a group of young biologists and naturalists started a common project: putting their skills at the service of the environment. Certain that without a shared commitment to protecting the natural resources around us it is not possible to favour any development that is sustainable and inclusive.

This is the principle that still guides us today, in all our initiatives, around the world. We do it for nature, and we do it together with people.

### Our priorities are to repair, strengthen and balance the bond between people and nature.

We have been working for more than 20 years to protect soil, water, forests, marine environments and fauna in Italy and in the countries of the South of the world, mainly in rural areas. Through an ongoing dialogue with the academic world and research centres our activities are based on innovation and scientific rigor. And we seek concrete and sustainable solutions that reconcile protection of the land, well-being and social inclusion.

Climate change, deforestation, intensive fishing and agriculture compromise the ability of people to defend their land, and therefore their survival. We work alongside them every day, to improve their living conditions, enhance their talents and defend their rights.

### This is a great teamwork, a commitment for the future. Because nature includes people: we are nature.



## Vision

A future in which ecology, economy and equity come together to reconcile the needs of man and the environment.



## Mission

To contribute to preserving ecosystems and supporting development through professionalism, innovation and participation.

Istituto Oikos is a non-profit organisation that operates in Europe, Mozambique, Tanzania, Myanmar and Lebanon to safeguard biodiversity and to promote the widespread adoption of more sustainable lifestyles.

Since 1996 we have devised and developed over 350 projects in Italy and in 17 countries across Europe, Asia, Africa and Latin America.



Each stage of this journey is the result of great teamwork which is shared by 170 people, in Italy and around the world.

- Local staff
- Italian staff
- Italy
- Tanzania
- Mozambique
- Myanmar
- Lebanon

## Nature, people, development: a story over twenty years.

- 1996**  
Milan  
A group of biologists and naturalists founds Istituto Oikos. Their technical and scientific skills allowed the organisation to soon become an expert in the environmental field, proposing projects for the conservation of biodiversity and the sustainable management of natural and faunal resources.
- 1996**  
Tanzania  
The first international project of Istituto Oikos was the analysis of the migratory movements of large mammals and of their interactions with anthropic activities in the Tarangire National Park, with the aim of contributing to the definition of a sustainable development strategy for the area.
- 1999**  
Oikos East Africa  
It was opened as the local headquarters of Istituto Oikos in Tanzania and was later registered and recognised as a local NGO, confirming the stable presence of the organisation in East Africa.
- 2003**  
Education for sustainability  
Education has always been a strategic goal of Istituto Oikos, developing education for global citizenship projects. With one certainty: without awareness there can be no change. Everyone can play an important role in building a green and fair future.
- 2007**  
Myanmar  
BANCA, the main environmental NGO in Myanmar, approaches Istituto Oikos to support the management and the conservation of Lampi Marine National Park. This initiative later leads the organisation to open a local branch and expand Oikos' commitment in the country.
- 2011**  
Guido  
On 20 November 2011, among the peaks of Formazza Valley, the life of Guido Tosi was cut tragically short. University professor, expert in the management and conservation of wildlife and the environment, colleague, partner in adventures and dreams, Guido Tosi made the history of Istituto Oikos, defined its direction and commitment to scientific rigor. His memory and his example will always be with us.
- 2012**  
Mozambique  
The challenge of a new country, that arises from the collaboration with Quirimbas National Park for the conservation of one of the most important marine and coastal areas of the Sub-Saharan Africa, source of income for a large fishermen community.
- 2016**  
Large mammals  
Twenty years since the first projects with elephants in Tanzania, Istituto Oikos is still at the forefront in wildlife management. Oikos' team of experts is working on the brown bear conservation in Turkey, the sunbear protection in Myanmar and the Nubian ibex safeguard in Lebanon.
- 2018**  
Lebanon  
With the process for registering a permanent office in the country underway, Istituto Oikos is engaged in a major project to protect biodiversity, support local agriculture and promote forms of responsible tourism in the Shouf Biosphere Reserve.
- 2019**  
Towards the future  
The organisation's renewal process continues, leading to the definition of a five-year strategic plan (2019-2023) and a new organizational structure. A shared process making us ever more ready to meet the daily challenge of reconciling human needs and those of the environment.

# Governance

Istituto Oikos is governed by the General Assembly of its members, which approves budgets and defines the organisation's strategies—inspired by its Vision and Mission and defined within the 2019-2023 **Strategic Plan**—and by a Board of Directors, responsible for ordinary management. It consists of a President—the guarantor—a Vice Chair, a Secretary and two Counselors. The Board of Directors is supported by a Scientific Committee, a Compliance and Supervisory Body and an Auditor.

## Board of directors

**Rossella Rossi**  
President

**Adriano Martinoli**  
Vice Chairman

**Alessandra Gagliardi**  
Secretary

**Sergio Vismara**  
Member

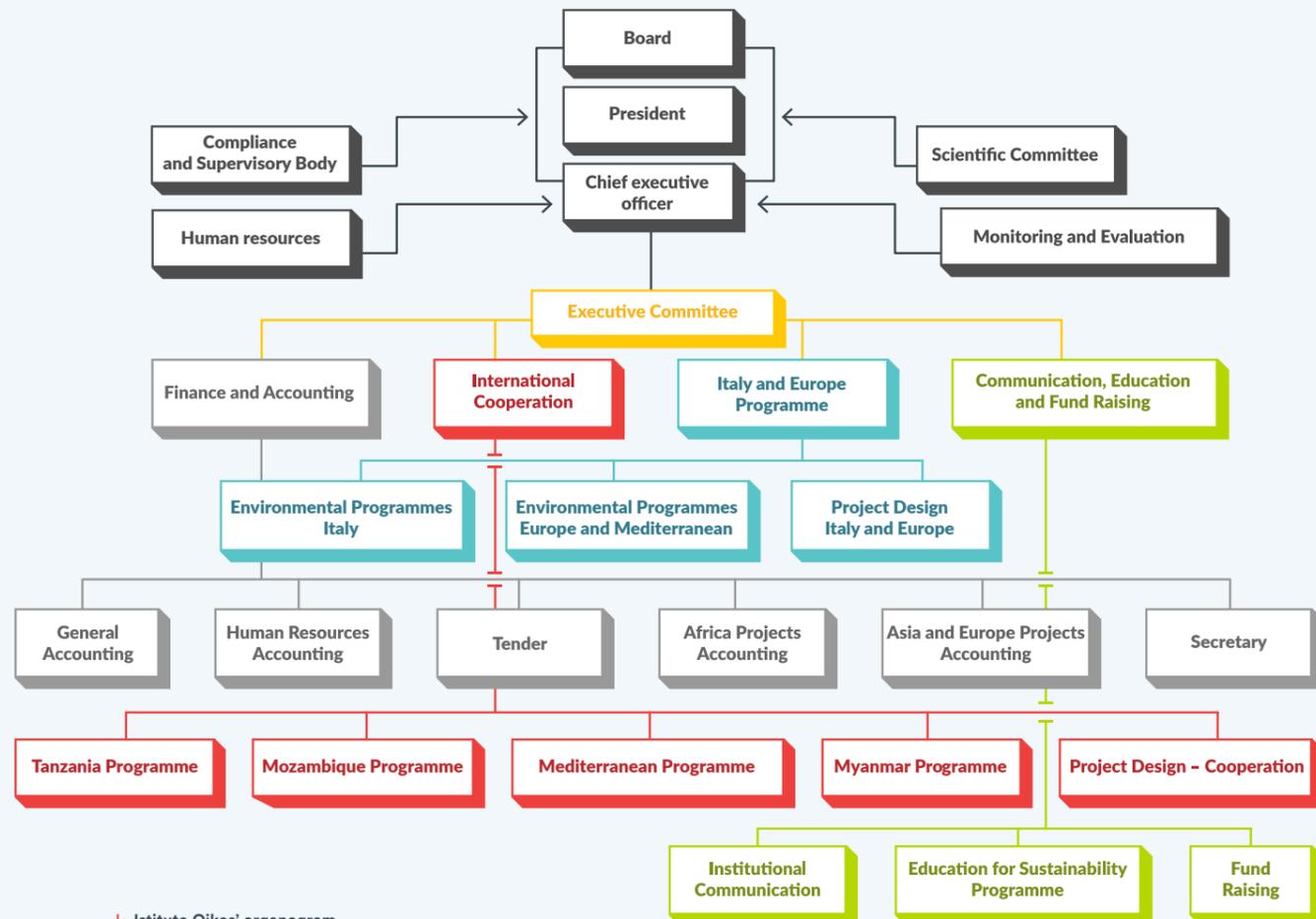
**Vittorio Rinaldi**  
Member

## Auditor

**Maria Clotilde Cermisoni**

## Compliance and Supervisory Body

Rossella Rossi, Giorgio Cancelliere, Eugenio Carlini



↳ Istituto Oikos' organogram

## Scientific Committee

The Scientific Committee is the advisory body that formulates views and makes proposals concerning strategies, projects, studies, research or other initiatives promoted by the organization.

-  **Adriano Martinoli**  
Professor of zoology and conservation of fauna at the University of Insubria in Varese
-  **Giorgio Cancelliere**  
Water resources management expert, lecturer at the University of Milan Bicocca
-  **Maurizio di Robilant**  
President and founder of Robilant Associati and of Fondazione Italia – Patria della Bellezza
-  **Paolo Anselmi**  
Anthropologist and social researcher, professor of Social Marketing at the Catholic University of Milan
-  **Grammenos Mastrojeni**  
Ecologist, deputy secretary general of the Union for the Mediterranean (UfM)
-  **Mario Motta**  
Professor at the Milan Polytechnic, Department of Energy
-  **Silvia Ceppi**  
Biodiversity conservation and natural resource management expert in Tanzania
-  **Stefano Caserini**  
Environmental engineer and researcher in Sanitary Engineering, lecturer in Climate Change Mitigation at the Milan Polytechnic
-  **Vittorio Rinaldi**  
Anthropologist, monitoring and evaluation expert, professor of Techniques and Culture at the University of Insubria
-  **Paola Testori Coggi**  
Former Director General of Health and Consumers for the European Commission, Life Sciences expert
-  **Damiano Preatoni**  
Zoologist, expert in databases and territorial information systems, lecturer in Eco-ethology and GIS Applications for Biodiversity Monitoring at the University of Insubria
-  **Pedro Regato**  
Forest management and climate change expert
-  **Giuseppe Selvaggi**  
Agronomist, expert in food security and livelihoods in rural areas with a focus on Africa
-  **Marco Bezzi**  
PhD in environmental engineering, lecturer at the Department of Civil, Environmental and Mechanical Engineering of the University of Trento

**Defending nature,**  
**empowering people.**  
**Worldwide.**

**Italy**

- ✓ beneficiaries: 3.560
- ✓ staff: 44
- ✓ partners: 94
- ✓ projects: 17

**Tanzania**

- ✓ beneficiaries: 24.706
- ✓ staff: 41
- ✓ partners: 61
- ✓ projects: 14

**Lebanon**

- ✓ beneficiaries: 456
- ✓ staff: 1
- ✓ partners: 1
- ✓ projects: 4

**Mozambique**

- ✓ beneficiaries: 19.445
- ✓ staff: 40
- ✓ partners: 15
- ✓ projects: 12

**Myanmar**

- ✓ beneficiaries: 4.332
- ✓ staff: 42
- ✓ partners: 17
- ✓ projects: 13



## Accreditations

- Accredited NPO (Varese Prefecture)
- Enrolled in the public register of Civil Society Organisations (OSC) and other not-for profit entities, pursuant to art. 26 of Law no. 125/2014 of the Italian Agency for Development Cooperation (Decree no. 2016/337/000241/0 dated 04/04/2016)
- Onlus pursuant to Decree 760/97

## Membership

- CoLomba (Lombard NGO association)
- Concord Italia
- International Union for Conservation of Nature (IUCN)
- Italian Alliance for Sustainable Development (ASviS)
- Italian NGO Association
- Italian Association for Responsible Tourism (AITR)

## A transformation that cannot wait

“You had a future, we should too” said one of the many colorful signs displayed over the heads of millions of young people during the climate strikes in 2019.

Never has the climate crisis been front page news as it has this year, news which has touched the conscience of many all over the world. Because no matter which country you live in, this generation has something in common: it is the first for which the climate emergency, on a global scale, is not a future threat but a present reality. It is no coincidence that the language of the media and public opinion is also changing. We speak increasingly of crisis or emergency precisely to underline **the urgent need for global action.**

*“We are eroding the very foundations of economies, livelihoods, food security, health and quality of life around the world. We have wasted time. Now we must act”* in the words of Robert Watson, one of the world’s most influential environmental scientists.

Climate change is a natural phenomenon as well as the tangible result of an economic and industrial model that has demonstrated all its limits and inconsistencies. Fighting it means first and foremost **radically transforming our economies, current production systems and our lifestyles**—a systemic and cultural change to transform effective environmental solutions into social norms.

Istituto Oikos promotes this commitment and vision with concrete adaptation and mitigation actions, with intense awareness-raising activities and the involvement of people in the territories in which it operates.





100,000

Hectares  
of land managed in a sustainable way by the local communities of Tanzania

32,400

Trees  
planted in South Rakhine

13,000

People  
can rely on clean water access, despite the Cyclone Kenneth emergency

280

Kg  
of ghost nets removed from the seabed of the Lampi National Marine Park

8,898

Students  
involved in educational courses, in Italy and around the world



## April

Work begins on reconstruction after Cyclone Kenneth, which struck the North of Mozambique on April 25<sup>th</sup>, destroying entire villages.



## October

The collection of accessories designed for Oikos by the New Academy of Fine Arts (NABA) in Milan is included in the ADI Design Index 2019, the catalog of the best Italian design. These are products in vegetable tanned leather from the Maasai communities of Northern Tanzania.

## January

Maasai shepherds depend on the availability of water for their subsistence economic activities. With support for the management of 4 dams and related drinking troughs, in the District of Arumeru (Tanzania), **13,000 cattle** now have access to water.



## July

What are nature's secrets? And above all, how can we protect them? Distribution of the first **300 environmental education kits** in the schools of Ibo, Matemo and Quirimba is underway. The President of Mozambique has decided that in 2020 they will be delivered to **900,000 students** and **100,000 teachers**.



## May

Protecting wetlands is essential for the health of the environment. The green areas of Cislago and Rescaldina (Varese) now have two new pools for the reproduction and shelter of amphibians, **450 new trees and 2,300 herbaceous plants** typical of the local woods.



## November

A month against plastic: while **80 teachers** in classrooms throughout Lombardy introduce new tools to help their students tackle the issue of pollution in the seas, Oikos launches a call to young artists for the creation of three public art installations on these subject.

## February

Inequality, inclusive economy, biodiversity and nutrition: we involved **2,234 students** in Italy in theoretical and practical workshops—because a culture of sustainability starts in the classroom.



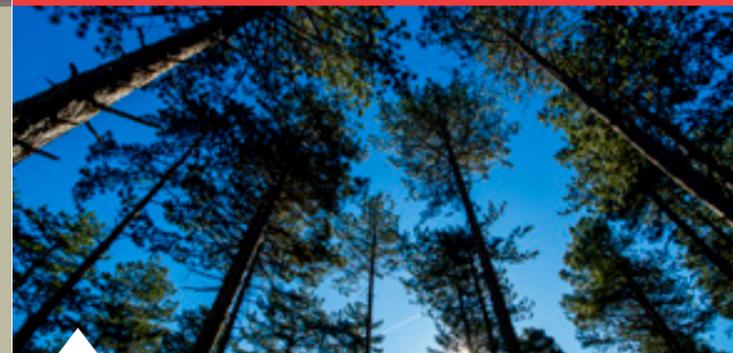
## August

The multicultural marathon in Northern Tanzania reaches its fourth edition. This year, **90 people** from many parts of the world (including 35 Maasai children!) raced side by side for a common cause: to protect the Mkuru savannas, fragile and rapidly degrading ecosystems.



## June

In four years, we have led **5,000 Maasai women** in a process of emancipation and awareness of their rights. The Investing in Maasai Women project ends with a great lesson: if institutions and communities work together, societies can change.



## December

Ten days to clean up the oceans of Lampi. A team of 6 underwater volunteers with 14 dives collects **140 kilos of fishing net** from the seabed of the Park.

## March

The first females of Nubian ibex, reintroduced to Lebanon **after 100 years**, are about to give birth to their young: the first generation of the future population is born.



## September

Istituto Oikos takes over the secretariat of the international Medforval network. Together with **18 sites from 12 countries**, we are working to protect the high ecological value forests of the Mediterranean.



## Water

# For many, turning on the tap is not enough

According to a 2019 report from UNICEF and WHO, **785 million people in the world** are still without one of our fundamental human rights: safe drinking water. The lack of access to water resources for drinking and washing, but also for livestock and subsistence agriculture, is a huge obstacle to the socio-economic development of entire communities. Furthermore, in the rural and extremely poor areas where we operate, **the growing unpredictability of the climate makes the need for better managed water resources more urgent every year**, to cope with prolonged droughts and sudden floods that compromise crops, pastures and put human survival at risk.

Every year, **297,000 children** under five die from diseases related to inadequate water and sanitation services: this means more than 800 every day. And three billion people around the world cannot wash their hands with soap and water at home. Bringing water and sanitation, especially to those who live in remote areas, is a complex undertaking, and one to which Istituto Oikos has been dedicated for over 15 years. **Our initiatives** to construct and repair water systems to improve the collection, conservation and distribution of water **have allowed tens of thousands of households to access to this essential resource and to lead more prosperous and healthy lives.**

**Contribute to increasing access to water and sanitation facilities, ensuring that the management and conservation of water resources for human use is fair, participatory and controlled.**

### Washing hands is a serious matter

There is a close link between water and health: lack of latrines and sewers and the use of contaminated water contribute to the spread of cholera, dysentery, hepatitis, typhus. Building sanitation facilities and promoting good practices such as washing hands and food are essential.

In 2019, in the Ibo District (Mozambique), in response to the emergency caused by Cyclone Kenneth, **we rebuilt eight school latrines and restored 23 community wells.** We did this by ensuring the cleanliness and sanitation of the water source, the construction of the drainage infrastructure and sinks, the installation of manual pumps for drawing water and the formation of 13 source management committees to ensure the sustainability of the operation. As a result, almost **13,000 people** have been able to rely on clean and safe water.

At the same time, we distributed water **purification products to 1,850 people and involved over 10,000 people in a campaign to spread good hygiene practices** with workshops, games and theatre performances concerning water and food contamination.

### Water helps the economy

Water is a very serious issue for Maasai communities: not having sufficient water for livestock means risking the loss of their only livelihood opportunity. This year in Tanzania, in the Arumeru district, we supported eight communities in the management of **four dams and related drinking troughs**, for a total volume of water equal to 81,000m<sup>3</sup>, an amount almost doubling what was available before our restoration activities of the past few years. This additional water capacity supports **13,000 cattle each drinking 18 liters of water a day for 6 months.** Improved water management contributes significantly to increasing resilience to climate change for **1,250 shepherd families** and their herds.

**Since the dams in our village were repaired, we have many more days with water in the dams. With water in the dam it only takes me an hour to collect enough to meet my family's needs, otherwise it takes a whole day to reach the nearest water source.**

— Namayan Saitoti, member of the Engutukoit dam Committee, Tanzania

In the **Manyara region**, too, we are committed to ensuring fair and sustainable access to water for pastoral communities. In 2019 we realized **five development plans** for water distribution points, offered technical and economic support for four water services (wells), created a **service centre** and supported the start-up of a **local business** for the maintenance of pumping water.

With agricultural communities and local authorities in the Metuge and Montepuez districts of the province of Cabo Delgado in Mozambique, we develop simple and sustainable techniques to deal with the variability of the seasons and the effects of climate change. We have **increased the amount of water available by 142,560 m<sup>3</sup>** and trained **397 farmers** on simple strategies to reduce water consumption. These strategies include covering cultivated soil with mulch and activating localized irrigation using **zai wells**, an agricultural practice born in West Africa which concentrates the distribution of water and organic fertilizers in a space of 20-30 centimeters around a plant. We installed **drip irrigation systems** which save water, energy and time necessary for irrigation: **an area of 2,500 m<sup>2</sup>**, which previously required a whole day for manual irrigation, now requires **only 15 minutes of work per day** to start the system. Finally, with **small temporary solutions for collecting water** at the end of the dry season, people are able to continue growing vegetables during this delicate phase of the agricultural calendar.

**Our activities in the Water sector contribute to the achievement of the United Nations 2030 Agenda and, in particular, the goal:**

**SDG 06 Clean water and sanitation**





## Lebanon's water reservoir: the Shouf Reserve

The availability of water depends both on sufficient distribution systems and on the protection of the natural systems that guarantee its conservation and purification. The Shouf Biosphere Reserve, **the largest protected area in Lebanon**, has an enormous value to the population: it provides water, raw materials and fertile land. The Shouf is a large mountain from which numerous small rivers flow; these supply almost the whole country with water and are essential for the irrigation of agricultural lands.

Since 2018 Istituto Oikos has been working with the Al-Shouf Cedar Society, the managing body of the Reserve, to enhance traditional agricultural techniques by implementing water conservation measures and protecting the territory from hydrogeological instability.

Field surveys and the data collected show how rainy events have become increasingly violent and concentrated, the dry season has become longer and the amount of snow and its permanence have decreased: it is essential to identify and put into practice measures to protect water resources.

In 2019, the partnership between Istituto Oikos and the Reserve made it possible **to restore 45 agricultural plots and terraces, for a total area of 35.5 hectares** in eight villages. We have supported the development of sustainable agricultural activities, based on the cultivation of traditional varieties of high economic value, which also protect natural resources, primarily water and soil. The focus has been on the recovery of traditional terraces, which are successful in retaining the nutrients in the soil and maintaining biological diversity, while being effective against soil erosion. We also trained 117 people—giving priority to Syrian women and refugees—on techniques for the construction and restoration of dry stone walls in agricultural terraces, and on methods for water collection and conservation.

These activities were made possible thanks to the STONE project, co-financed by the Italian Agency for Development Cooperation.



### Water — Ongoing projects in 2019

TITOLO DEL PROGETTO	AVVIO	DURATA	DONATORE PRINCIPALE	BUDGET
Pro. IBO – Innovative Technologies for Horticultural Production and Environmental Hygiene in the Ibo District	30/11/2016	30	Lombardy Region	€ 321,200
Realization of toilets and rainwater collection systems in the Ibo District	01/01/2018	16	The Charities and Defence of Nature Foundation	€ 59,000
WASH emergency response – Cyclone Kenneth	01/06/2019	11	UNICEF	€ 201,112
Prevention and response actions for a better maternal and child health on Ibo Island	24/06/2019	6	Lombardy Region	€ 96,650
IBO-WASH – Access to safe water, sanitation and hygiene for women and men on Ibo Island affected by Cyclone Kenneth	01/11/2019	9	Global Alliance for Improved Nutrition	€ 251,000 <sup>1</sup>
Improving access to water points for livestock holders from 7 villages of Simanjiro District	01/06/2015	55	Belgian Fund for Food Security	€ 1,029,000 <sup>2</sup>
FLOWERED – De-fluoridation technologies for improving quality of water and agro-animal products along the East African Rift Valley in the context of adaptation to climate change	01/06/2016	42	European Union	€ 2,989,201 <sup>3</sup>
Community Engagement for a Photovoltaic Water Pumping Project	15/02/2017	36	World Bank Group	€ 226,333
Demonstrating the Private Sector Service Model for Rural Water Supply	11/12/2017	28	World Bank Group	€ 64,754
Development of the "payment by results" model in water sector	01/02/2019	24	World Bank Group	€ 267,000
KISIMA – Strengthening of the water services in the districts of Kiteto and Simanjiro, in Manyara Region	01/11/2019	36	Italian Agency for Development Cooperation	€ 1,998,303

Mozambique

Tanzania

1. Applicant: Helvetas. Istituto Oikos' budget: € 128,600

2. Applicant: Oikos East Africa. Istituto Oikos' budget: € 181,390

3. Applicant: Università di Cagliari. Oikos East Africa's budget: € 186.635 of which Istituto Oikos' budget: € 81,263

## Biodiversity

# The source of well-being

For every one of us, biodiversity is a source of essential goods, resources and services. Yet it continues to be depleted by deforestation and habitat destruction, climate change, over-exploitation of natural resources, soil degradation and pollution at a terrifying rate. **The loss of the diversity of animal and plant species has real and serious consequences:** food and energy insecurity, vulnerability to natural disasters, water crises and a decrease in the level of the health of populations. The numbers speak for themselves: **more than 31,000 species**, equal to 27% of all those surveyed under the IUCN Red List, **are threatened with extinction**. In Europe, 58% of all endemic plants run the same risk. In their 2019 *Global Assessment Report on Biodiversity and Ecosystem Services*, IPBES, the United Nations body for the Analysis of Biodiversity, detail how, since the 1950s, human intervention has significantly transformed 75% of the world's land, has been responsible for cumulative impacts to 66% of ocean areas and has destroyed 85% of wetlands.

To preserve biodiversity heritage with adequate protection and proper management of the environment and its resources: soil, water, animal and plant species.

### Habitat protection in Italy and in the world

We work to make sure that more and more marine and terrestrial environments are managed in a sustainable way.

This year, as in the past, we are committed to **safeguarding the ecosystems of Lombardy and restoring the ecological connectivity** of some areas of the province of Varese (Italy). The Bosco del Rugareto Park now has new wetlands where amphibians, insects and reptiles can reproduce. We have also promoted reforestation initiatives and planted species typical of local woods.

2019 saw the conclusion of a four-year project in which we worked alongside the mountain community of Valli del Verbano **to prevent accidents between vehicles and wild animals**. We installed innovative anti-collision systems, which not only protect the safety of motorists and wildlife, but also reduce the costs for local and regional government paying compensation for damage caused by accidents.

Our commitment to the protection of habitats and species also continues in the **arid savannas of Northern Tanzania**, lands that for thousands of years have guaranteed the survival of transhumant pastoral communities, and which are today put to the test by the increasing unpredictability of rains and demographic pressure.

This year, more sustainable pasture management has greatly contributed to **increasing the resilience of Maasai herders to climate change**. After having designed and tested a method for assessing the health and preserving the productivity of their herds, since 2019 we have applied **monitoring protocols and a decision support system developed with the University of York** able to guide shepherds in strategic choices on grazing regimes. These tools have been integrated into official land-management guidelines, enriched by the input of elders and traditional leaders and delivered to communities. Today, thanks to comprehensive training, **30,000 hec-**

**tares of land are managed in a more efficient and sustainable way**. Under the new system **3,000 hectares of land have been set aside**—to be used in periods of prolonged drought—and **nine community forests created**, strategic wooded areas for the protection of water resources and fauna.



The Kiamakata Forest has turned into one of the most beautiful places in Uwiro. Wild animals such as elephants have returned and floods, linked to the poor state of conservation of the forest, have decreased. Now we must continue to protect it.

— Dominick A. Njuu is the President of the Village Game Scouts, Maasai volunteers that monitor the local natural resources.

### Monitoring and protection of endangered species

Istituto Oikos works on a regular basis with bodies that manage protected areas in Italy and around the world to acquire data on the conservation of endangered species and improve their conservation status.

In Myanmar, in the **Lampi Marine National Park**, our biologists work alongside the park guards to study the presence and distribution of some key species—such as hornbills and flying foxes—and **monitor the 33 species at risk of extinction in the Park**. These include the Bornean pangolin (*Manis javanica*), a critically endangered small mammal (IUCN Red List). In Rakhine, we completed **the third sun bear monitoring campaign** and produced distribution maps of the species.

In Lebanon, the **Nubian ibex** populated the area of the Shouf Biosphere Reserve until a century ago. We have been working for four years to **reintroduce this species**, now globally classified as “vulnerable to extinction”, to the mountains from which it disappeared due to habitat destruction and hunting. Six months after the relocation of 12 specimens from Jordan, in 2018, the first two kids were born in the enclosure located in the Reserve; another four were born in 2019. These births are the first important step in the restoration of this endangered species to its original habitat.

In 2019, within the Reserve, we also **monitored biodiversity at 24 sites** divided by use: abandoned terraces, restored terraces, sustainable agriculture, traditional intensive agriculture, pastures. The analysis allowed us to demonstrate how biodiversity is flourishing where we have promoted the application of **sustainable conservation practices**.

Our activities in the Biodiversity sector contribute to the achievement of the United Nations 2030 Agenda and, in particular, the following goals:

**SDG 14 Life below water**  
**SDG 15 Life on land**





## The protection of the sun bear in Myanmar

Since 2016 we have been working to protect the Malayan sun bear (*Helarctos malayanus*)—seriously threatened by deforestation and poaching—and its habitat through an integrated programme: field monitoring, community-based forest management, training, awareness and pilot actions to fight poaching.

This little tree-loving bear is very difficult to study in nature. We combined the use of camera traps and signs of presence recorded along line transects at eight detection sites in Rakhine, near the Rakhine Yoma Elephant Range Wildlife Reserve, and in Sagaing, within the Htamanthi Wildlife Sanctuary. **Four years of field activity, equivalent to over 18,000 days of video footage**, have made an important contribution to our understanding of the distribution of the sun bear and its conservation status. We were also able to create a checklist of other medium and large mammal species found in South Rakhine and Sagaing. These include the tiger, the clouded leopard and the Borneo pangolin, a species at high risk of extinction according to IUCN's Red List.

We have also supported the creation of **29 community forests and the planting of 32,400 trees** that will ensure sustainable management of **8,500 hectares of forest habitat** from an economic, environmental and social point of view.

We also collected important data on the illegal trade in bears, generally sought for the commercial value of their bile and paws: **80 villages in Rakhine and Sagaing were involved, 450 people** were interviewed and an undercover investigation carried out. Respondents reported a decrease in illegal bear hunting after the implementation of our conservation programmes. Some inhabitants said they had abandoned poaching thanks to the establishment of community forests, which guarantee alternative incomes. Additional results include the launch of **a regular patrol programme managed by 15 groups of community guardians committed to fighting poaching**.

Awareness raising and education always go hand in hand with our conservation activities: we involved 5,550 people in environmental campaigns in the schools and villages of the study area, offered training courses to the local population and promoted greater attention at national and international level on the importance of protecting the Malayan bear and its environment in Myanmar.

These activities were made possible thanks to the Sun bear Project, supported by the Segré Foundation, the Italian Agency for Development Cooperation, UNDP, World Animal Protection, Keidanren Nature Conservation Fund, the Ensemble Foundation and the 8X1000 of the Waldensian Church.

## Biodiversity — Ongoing projects in 2019

TITOLO DEL PROGETTO	AVVIO	DURATA	DONATORE PRINCIPALE	BUDGET	
Relaunching Medforval	01/02/2019	18	MAVA Foundation	€ 126,800	Italy Mediterranean Basin
Mediterranean knowledge on Forest Landscape Restoration	01/08/2019	17	MAVA Foundation	€ 49,950 <sup>1</sup>	
The Olona river ecosystem: flowing biodiversity	01/04/2016	48	Cariplo Foundation	€ 1,304,486	
<b>Road Kill</b> – Ecological corridors for Valli del Verbano Mountain community: measures for road impact reduction	04/04/2016	42	Cariplo Foundation	€ 518,464 <sup>2</sup>	
<b>Corridoi insubrici</b> – The pre-Alpine network for the protection of the natural insubric capital	01/03/2018	40	Cariplo Foundation	€ 1,210,300 <sup>3</sup>	
Restoring biodiversity “hot spots” on the Olona River – The Fagnano Wetlands	01/10/2018	12	Patagonia	€ 7,566	
<b>C,ORO</b> – Orobie wealth: biodiverse and connected agroecosystems	01/01/2019	36	Cariplo Foundation	€ 1,123,720 <sup>4</sup>	
<b>Campo Aperto</b> – Working for biodiversity	07/01/2019	36	Cariplo Foundation	€ 744,449	
PON – Busto Arsizio – Bio-Diverse and Bio-Energetic	02/05/2019	4	MIUR – Ministry of Education University and Research	€ 8,400	
Falconry, a living human heritage	20/06/2019	18	Ministry of Cultural Heritage and Activities and Tourism	€ 111,000	
Redevelopment of the Ticino River Basin, One river, many systems, one landscape	01/11/2019	12	The Endangered Landscapes Programme	€ 72,000	Lebanon
Building the ecologic and socio-economic resilience of the Shouf Mountain Landscape by restoring and strengthening the socio-cultural fabric which sustains its biodiversity and cultural values	01/09/2017	36	Al-Shouf Cedar Society	€ 39,000	
<b>STONE</b> – Restoration and valorization of traditional agricultural systems for economic development and environmental conservation of the Shouf Biosphere Reserve	16/04/2018	36	Italian Agency for Development Cooperation	€ 1,752,057	
Improving the management of the buffer zone and of the development area of the Shouf Biosphere Reserve	01/11/2019	1	Italian Agency for Development Cooperation	€ 15,800 <sup>5</sup>	Mozambique
<b>PESCA</b> – Protection of the marine and coastal habitat of the Quirimbas National Park	01/02/2018	44	The Charities and Defence of Nature Foundation	€ 851,527	
Conservation of Sun bear ( <i>Helarctos malayanus</i> ) in Myanmar	01/04/2016	51	Segré Foundation	€ 1,115,249	Myanmar
Myeik Archipelago cultural and natural heritage protection and development project	01/07/2017	36	Stiftung Drittes Millennium	€ 531,971	
Conservation of Sun bear ( <i>Helarctos malayanus</i> ) in Southern Rakhine State	01/11/2017	24	Ensemble Foundation	€ 34,500	
Conservation of the wildlife in South Rakhine through the community engagement	01/04/2019	12	Keidanren Nature Conservation Fund	€ 73,700	
Gwa Island Feasibility Study	01/10/2019	6	Rainforest Trust	€ 12,500	
Promotion of an integrated and sustainable management of community forests within the Rakhine coastal region in Myanmar	01/10/2019	12	8x1000 Waldensian Church	€ 49,330	Tanzania
<b>SASS</b> – Consultancy for the project “Food Systems and Sustainable Development: creating synergies between research and international and African processes”	01/09/2017	24	University of Milano Bicocca	€ 37,600	
Landscape connectivity conservation actions to safeguard the wildlife in Northern Tanzania	01/03/2019	10	Zoological Society of London	€ 8,122	
<b>SASS</b> Phase 2	04/06/19	6	University of Milano Bicocca	€ 12,300	

1. Applicant: Al-Shouf Cedar Society. Istituto Oikos' budget: € 18,000

2. Applicant: Comunità Montana Valli del Verbano. Istituto Oikos' budget: € 133,856

3. Applicant: Parco Campo dei Fiori. Istituto Oikos' budget: € 109,300

4. Applicant: Parco delle Orobie Bergamasche. Istituto Oikos' budget: € 45,000

5. Applicant: Al-Shouf Cedar Society. Istituto Oikos' budget: € 10,773

## Sustainable communities

# A green future for all

In the North as in the South of the world we live a great paradox: **nature is the basis of all economic activities, but at the same time it is strongly threatened by them.** The excessive and uncontrolled exploitation of natural resources causes enormous damage to the environment, but also to the well-being of the people who depend on those resources: in the world, **736 million people** still live on less than 1.9 dollars a day, in conditions of extreme poverty (*Poverty and Shared Prosperity*, The World Bank, 2018).

To pursue a paradigm shift that favours the development of resilient and dynamic communities, combining the protection of biodiversity with the generation of income and social and technological innovation.

### Education for change

Education and awareness-raising activities are an essential component of all our initiatives: a vital means of stimulating critical reflection and change towards more sustainable lifestyles. In 2019, in the countries where we operate, **we involved 8,898 students**, the citizens of tomorrow, in workshops.

In **Italy** we talked about the plastic pollution of our seas, responsible consumption, correct nutrition and economic inequalities with **1,800 students**.

The sea, in all its wealth and fragility, was at the centre of the journey for **343 young people** who live in the Lampi Marine National Park, in **Myanmar**. Further North, in Rakhine, **2,600 boys and girls** participated in awareness-raising activities related to the protection of the sun bear and its habitat.

With **3,575 students** in schools in **Mozambique and Tanzania** we discussed the consequences of climate change and the importance of protecting the most fragile ecosystems.

### New skills for a sustainable economy

**We owe everything to nature.** Protecting nature's resources, even in the development of economic activities, is key and the first step is training.

Within the Shouf Biosphere Reserve, in **Lebanon**, we trained 104 farmers on the restoration of agricultural terraces to ensure greater soil conservation, providing them with more than **69,000 seedlings** of local and high economic value varieties.

Agriculture has also been at the centre of activities in **Mozambique**, where we supported 397 producers in acquiring greater skills in conservation farming techniques.

In South Rakhine, in Myanmar, we continued to support the **Community Guardian Groups**, that watch over community forests and deal with poaching, with courses on the use of GPS, on patrolling techniques and forest management.

We taught **339 women** with little or no formal education **from eight villages in Tanzania** the basic skills of buying and selling, through the methodology of marketplace literacy.

### Tourism that values communities and nature

The development of the tourism sector offers great opportunities for socio-economic growth, but it cannot be separated from valuing and protecting local natural and cultural heritage.

**In Myanmar we evaluated 850 km<sup>2</sup> of peninsular territory** and islands and started a participatory process in six villages to identify tourism opportunities that favour communities. **Biking, camping and walking safaris** are the activities that we have selected as most suitable for the development of ecotourism in the pastoral communities of Tanzania. In the Shouf Biosphere Reserve, in Lebanon, a 16 km sustainable forest management trail was inaugurated, with 12 focus points and a tourist information centre.

Sometimes rebuilding is also necessary. In Mozambique after Cyclone Kenneth we supported **nine local Community Tourist Initiatives** with materials and equipment.

### In support of small businesses

We believe in forms of micro-entrepreneurship that protect biodiversity and encourage the participation of the most vulnerable members of the community, such as women and young people. We support these small businesses from their creation and accompany them in their growth. In 2019, we supported 21 small businesses in the countries where we operate. The Lampi Marine National Marine has been home to **the first association of all-women guides**, the Bo Cho Discovery leaders. After training the women began to offer hiking services to their first 50 clients. The **26 small businesses** in Southern Rakhine we have supported in the past few years have continued to grow and, in 2019, seven of these began activities related to rice, cattle breeding and dry fish preparation.

In Tanzania, this year has been fundamental for the consolidation of the small businesses of Maasai women and young people that deal with vegetable tanning and leather processing. The six groups in the Arusha region have formed a single network—the **Natural Maasai Leather Group**—which reduces production costs and makes the management of orders more efficient.



**Our activities in the Sustainable Communities sector coincide with many of the goals of the United Nations 2030 Agenda. Among the main ones are:**

- SDG 01 No Poverty**
- SDG 02 Zero Hunger**
- SDG 05 Gender Equality**
- SDG 10 Reduce Inequalities**
- SDG 12 Responsible Consumption and Production**



strategic objective



## It's not too late

Being ecologically aware means understanding the fragility of our environment and the urgent need to protect it. This is fundamental, because **without awareness there can be no care.**

For this reason, Istituto Oikos has always been committed to keeping the general public informed and involving them in initiatives that focus on the value of collective action: building a more equitable and sustainable society together through new models of production and consumption.

We know that achieving change takes time and motivation, but we are confident that increasing numbers of people are engaged and want to contribute and make a difference. The result: **a collective commitment to everyone's future.**

We dedicated 2019 to a complex and current topic: with the awareness campaign **è un macello!** (literally "it's a slaughterhouse" but meaning "it's a mess") we encouraged people, especially young people, to reduce their consumption of meat and animal products, and to buy more responsibly.



**The meat supply chain has a huge impact on the environment and our health. Consuming less meat and favouring the purchase of organic and ethically farmed products is an important and pressing choice.**

**Over 5,000 people have signed our online petition** asking for a thorough review of the current CAP (Common Agricultural Policy) to cut subsidies for intensive farming and support farms which use ecologically sound methods.

Thanks to a website, a powerful social campaign, the distribution of a critical consumption manual and the organization of numerous public events, we reached **more than 500,000 people** and launched them on a path towards greater awareness. Because the food choices we make today determine the state of our planet tomorrow.

## Sustainable communities — Ongoing projects in 2019

TITOLO DEL PROGETTO	AVVIO	DURATA	DONATORE PRINCIPALE	BUDGET	
Culture and Peer-Learning for Development Education – to engage youth for SDGs on climate change, children rights and migration, focusing on refugee issues	01/02/2019	36	European Union	€ 3,442,318 <sup>1</sup>	Europe
<b>Makers of the future</b> – Active citizenship practices to engage young people in models of an inclusive and sustainable economy	26/03/2018	21	Italian Agency for Cooperation and Development	€ 440,315	Italy
<b>People have the power</b> – Understanding for changing	26/03/2018	21	Italian Agency for Cooperation and Development	€ 221,602 <sup>2</sup>	
Action plan to strengthen the economic and management sustainability of the organization and generate measurable, significant changes on a larger scale	21/12/2018	18	Cariplo Foundation	€ 121,160	
<b>Life Beyond Plastic</b> – Youth mobilization and implementation of good practices to reduce plastic pollution in the seas	15/05/2019	18	Italian Agency for Cooperation and Development	€ 533,455	
<b>Green School</b> – Lombardy network for sustainable development	20/05/2019	18	Italian Agency for Cooperation and Development	€ 428,727 <sup>3</sup>	
<b>Cambia MODA!</b> From fast fashion to a sustainable and transparent textile chain	01/07/2019	18	Italian Agency for Cooperation and Development	€ 646,234 <sup>4</sup>	
<b>REDES IBO</b> – Culture and nature as strategic resources for territorial development, community participation and good governance of Ibo District	01/12/2016	48	EuropeAid	€ 1,198,564	Mozambique
Rural development and strengthening of the resilience capacity of communities in the Districts of Magde, Moamba and Manhica	01/01/2018	36	Italian Agency for Cooperation and Development	€ 2,500,000 <sup>5</sup>	
<b>PROFILI</b> – Promotion of sustainable agricultural sectors in Gorongosa and Maringuè by supporting the Mozambican associations of producers and producers	01/06/2018	36	Italian Agency for Cooperation and Development	€ 1,798,900 <sup>6</sup>	
Data collection and baseline set up related to coffee producers in Ibo Island, Cabo Delgado Province	29/10/2019	2	United Nations Industrial Development Organization	€ 19,188	
<b>DAFNE</b> – Women, environment and community forests for food security in Rakhine	28/12/2015	42	Italian Ministry of Foreign Affairs	€ 1,515,270	Myanmar
<b>STAR</b> – Innovative strategies for environmental protection and social inclusion through the development of a responsible ecotourism model	01/05/2018	39	Italian Agency for Cooperation and Development	€ 1,499,910	
Changing community perceptions towards bears	20/06/2018	7	World Animal Protection	€ 12,922	
Promotion of community vegetable gardens and orchards in schools and of the role of women to improve food security in southern Rakhine	01/09/2018	12	8 per mille – IRPEF	€ 162,283	
<b>PROFISH</b> – Promote marine conservation and sustainable fisheries in Lampi Marine National Park, Myanmar	01/06/2019	31	Ensemble Foundation	€ 712,712	
Support the development of community forests and community forest enterprises in Southern Rakhine	01/11/2019	7	United Nations Development Programme	€ 40,570	
Developing an agricultural system resilient to climate change in Nepal	01/04/2017	30	Italian Agency for Cooperation and Development	€ 757,038 <sup>7</sup>	Nepal
Investing in Maasai women for improving rural community well being	01/04/2015	51	EuropeAid	€ 2,130,862 <sup>8</sup>	Tanzania
<b>Greater Kilimanjaro</b> – Initiatives to enhance community participation in sustainable conservation of the trans frontier ecosystem and wildlife	27/12/2017	36	European Union	€ 1,439,289 <sup>9</sup>	

1. Applicant: Municipality of Colonia. Istituto Oikos' budget: € 221,458

2. Applicant: Oxfam Italia. Istituto Oikos' budget: € 25,486

3. Applicant: ASPEm. Istituto Oikos' budget: € 40,400

4. Applicant: Mani Tese. Istituto Oikos' budget: € 139,209

5. Applicant: Helpcode. Istituto Oikos' budget: € 120,141

6. Applicant: Helpcode. Istituto Oikos' budget: € 54,752

7. Applicant: ASIA. Istituto Oikos' budget: € 136,741

8. Applicant: Oikos East Africa. Istituto Oikos' budget: € 608,055

9. Applicant: Oikos East Africa. Istituto Oikos' budget: € 355,527



## Climate and energy

# An emergency that cannot wait

All around the world 2019 was **the year of climate strikes** that helped build a movement of people ready to commit to social, cultural and political change. **The climate crisis is among the greatest threats to humanity.** The effects of climate change—loss of biodiversity, the rise in sea levels, desertification, extreme weather events—have a devastating impact on the environment, our health and the economy.

According to the *Global Climate Risk Index 2020*, between 1999 and 2018 extreme climate events were responsible for the deaths of 495,000 people, most of them in the world's low-income countries. To respond more effectively to the challenges posed by this global threat, together with communities in the countries in which we operate, we seek concrete and replicable solutions.



To promote climate change mitigation and adaptation to its effects by promoting initiatives aimed at reducing greenhouse gas emissions, encouraging people to integrate traditional practices with innovative technologies and approaches and to adopt more responsible lifestyles.

### The energy of change

In 2018, the concentration of CO<sub>2</sub> in the atmosphere reached a new peak: **an increase of 147%** over pre-industrial levels. Compared to the same period, **the last five years have been the hottest ever**, with an average global temperature of +1 °C in 2018 (*World Meteorological Organization, Provisional Statement on the State of the Global Climate in 2019*). A turnaround in both production systems and consumption patterns is both urgent and necessary. Istituto Oikos promotes initiatives in the field of energy to improve the efficiency of domestic energy use and encourage the use of renewable energy.

In **Tanzania**, in the Arusha region, we have built **biogas plants** that allow families to cook and provide heating without burning wood. To demonstrate the benefits of this system we organized events with the support of the local authorities involving more than 100 people.

In the Enduimet Wildlife Management Area we have installed **five solar energy systems** that provide rangers with the energy necessary to carry out the essential work of protecting biodiversity: the resulting clean energy powers their lighting, night spotlights, computers and the new electronic payment system for the entrance to the area.

In **South Rakhine (Myanmar)**, **Nyaung Chuang—a small village of 100 inhabitants—now has access to electricity.** The new solar-powered mini-grid is managed entirely by the community, thanks to a training course for its use and maintenance. This was a successful pilot experiment which we want to replicate in other remote villages of the region.

## Climate-proof agriculture

Climate change can trigger conflict and social tension over the use of natural resources. This is why we invest in **structural intervention and training on adaptation practices in agriculture and livestock keeping**, in collaboration with local communities. In Tanzania we started the **cultivation of drought-resistant cereals** on almost three hectares of land, managed by 72 men and women. In 2019, rainfall was much lower than in previous years and an invasive pest—the Fall armyworm (*Spodoptera frugiperda*)—further compromised the crop. However, the reduced impact of this insect on the productivity of fields cultivated with *climate-smart* techniques confirms the effectiveness of these crop choices. In the province of Cabo Delgado (Mozambique), local technicians and farmers have worked side by side to adopt **sustainable farming practices on 18 hectares of land**.

## Climate change: exploring the facts

In Tanzania, a **training manual** on how to cope with the challenges of climate change, the result of a four-year programme, is now used by the regional and district authorities of Meru and Arusha, and will be made available to another nine districts. In addition, since March 2019, an **online platform** created in collaboration with the Nelson Mandela Institution of Science and Technology allows users easy access to data, documents and research results on climate change in the country.



**Our activities in the Climate and Energy sector contribute to the achievement of the United Nations 2030 Agenda and, in particular, the following goals:**

**SDG 07 Affordable and clean energy**  
**SDG 13 Climate action**

## Climate and energy — Ongoing projects in 2019

	TITOLO DEL PROGETTO	AVVIO	DURATA	DONATORE PRINCIPALE	BUDGET
Mozambique	<b>ADAPT</b> – Integrated approach for the definition of replicable actions for supporting environmental protection and community resilience in rural areas	01/04/2017	38	Italian Agency for Cooperation and Development	€ 1,737,635
	Ibo District shelter support project	01/05/2019	12	International Organization for Migration	€ 240,776
Myanmar	Green energy for development – Pilot project on renewable electricity in rural area of Rakhine State	01/05/2018	12	EKOenergy	€ 20,000
Tanzania	<b>Eco-Boma</b> – A climate resilient model for Maasai steppe pastoralists	01/04/2015	48	EuropeAid	€ 1,796,262
	<b>TERRA</b> – Integrated actions to increase resilience to climate change of pastoral communities in Northern Tanzania	01/03/2017	36	Italian Agency for Cooperation and Development	€ 1,160,000
	<b>EENT</b> – Tarangire-Maasai Steppe ecosystem conservation in Northern Tanzania	01/03/2019	16	USAID	€ 126,000

## Kenneth: an increasingly unpredictable climate



On 25 April 2019, just one month after Hurricane Idai, Mozambique was hit by **Tropical Cyclone Kenneth**—the strongest ever recorded in this area, classified as a force 4 on a scale that reaches a maximum of 5. Strong winds with peaks of up to 180 km/h and incessant rainfall, over eight times the average for the season, **destroyed entire villages of the Quirimbas Archipelago**.

The result of extreme and unpredictable weather conditions, the cyclone affected **more than 374,000 people** in the province of Cabo Delgado, leaving entire families homeless. On the island of Ibo—which has 17,000 inhabitants—95% of the population was left without shelter. We immediately took action to respond to this emergency: starting with the distribution of food and basic necessities and the construction of small shelters and roofs for more than 1,000 families, we also rebuilt entire homes.

A little more than two months later over 600 children were able to resume their lessons at the Cumuamba school, thanks to prompt reconstruction. In the following weeks the Rituto school also had a new roof and **more than 2,000 students** were able to return to class. The Ibo maternity hospital has been partially repaired, and we are working to finalize the renovation.

**The emergency is still critical, as are the needs of the local population. Our work continues in 2020: what the cyclone destroyed in one night will take far longer to rebuild.**

Istituto Oikos is able to address this emergency thanks to the support of a large network of donors—public and private, Italian and international.

## Italy

### Public entities and Universities

Appiano Gentile and Tradate Regional Park  
Bosco del Rugareto Local Park (PLIS) – Municipality of Cislago  
Campo dei Fiori Regional Park  
Catholic University of Milan  
ERSAF  
Fontanile di San Giacomo Local Park (PLIS)  
Lombardy Region  
Management body of the Ticino and Lago Maggiore Protected Areas  
Medio Olona Local Park (PLIS) – Municipality of Fagnano Olona  
Municipalities of Presolana Union  
Municipality of Andrano  
Municipality of Barzio  
Municipality of Corteno Golgi  
Municipality of Dossena  
Municipality of Laveno  
Mombello – Agenda21Laghi  
Municipality of Locate Varesino  
Municipality of Milan  
Municipality of Taleggio  
Municipality of Varese  
Municipality of Vedano Olona  
Municipality of Veduggio  
New Academy of Fine Arts (NABA)  
Orobie Bergamasche Park  
Politecnico of Milan  
Province of Pavia  
Province of Varese  
Valle del Lanza Local Park (PLIS) – Municipality of Malnate  
Valle del Ticino Lombard Park  
Valli del Verbano Mountain Community  
Valsassina, Valvarrone, Val d'Esino and Riviera Mountain Community, Management body of the Grigna Settentrionale Park  
Silva Mediterranea (Committee on Mediterranean Forestry Questions)  
University of Insubria – Varese  
University of Milan  
University of Milan-Bicocca  
University of Pavia  
University of Gastronomic Sciences – Pollenzo

### Associations and private companies

ACEA odv  
Action Research for CO-development (ARCO)  
Altis – Alta Scuola Impresa e Società  
Altromercato  
Altropallone ASD Onlus  
APS Isola Solidale  
Architects Without Borders (ASF)  
Associazione Centro Orientamento Educativo (COE)  
Association for International Solidarity in Asia (ASIA)  
Sunugal Association  
Carbon Sink  
Caretta Calabria Conservation  
Casa delle Agricolture  
CAST – Centro per un Appropriato Sviluppo Tecnologico

CELIM – Centro Laici Italiani per le Missioni  
Centro Italiano per la Riqualificazione Fluviale (CIRF)  
CoLOMBA – Cooperazione Lombardia  
Conceria Newport  
Cooperativa È Nostra  
Cooperativa Demetra Onlus  
Cooperativa Impresa Sociale Ruah  
Cooperativa Sociale Agricola Cascina Burattana  
Delegazione Europea per l'Agricoltura Familiare in Asia, Africa e America Latina (DEAFAL ONG)  
Engineers Without Borders (ISF)  
Equo Garantito  
Faircoop  
Fondazione Progetto Arca  
Fratelli dell'Uomo  
Gfk Eurisko srl – Milano  
GRAIA srl  
Guardavanti: per il futuro dei bambini ONLUS  
HelpCode  
Idrodepurazione srl  
Idrogea Servizi srl  
Il Sole 24 Ore  
Koinetica  
Legambiente Lombardia Onlus  
Leroy Merlin Italia  
LIPU Onlus  
Lottozero  
Mani Tese  
Mani Tese Campania  
Mani Tese Sicilia  
Medicus Mundi Italia  
Mondadori Scienza Spa - Rivista Focus  
Movimento per la Lotta contro la Fame nel Mondo (MLFM)  
Muindi Semi di Sorriso Onlus  
MUSE – Museo delle Scienze di Trento  
Ostello Bello  
Oxfam Italia  
PIXEL  
Project for People Onlus  
Rete Semi Rurali  
Servizio Collaborazione Assistenza Internazionale Piamartino Onlus  
Servizio Volontario Internazionale (SVI)  
SEVA  
Touring Club Italiano

## Europe

### Public entities and Universities

Bolle di Magadino Foundation  
Canton Ticino – Nature and Landscape Office / Water Resources Office  
Colonia City – Germany  
Municipality of Nova Gorica – Slovenia  
Municipality of Kalundborg – Denmark  
Municipality of Plovdiv – Bulgaria  
Municipality of Sonderborg – Denmark  
Langenlois secondary school – Austria

### Associations and private companies

Association Internationale Forêts Méditerranéennes (AIFM) – France  
Büro für Kultur-und Medienprojekte gGmbH – Germany  
Brave Kids / Song of the Goat Theatre Association – Poland  
European Centre for Development Policy Management (ECDPM) – Netherlands  
Foundation for the Civil Society Cultural and Economic Development (FDCBPCS) – Bulgaria  
French National Museum for Natural History – France  
Fundación IBO – Spain  
Flora and Fauna International - England  
Humanitas – Slovenia  
Iles des Paix (IDP) – Belgium  
Institute Equalita – Germany  
SMILO: sustainable islands – France  
Spor Media – Denmark  
University of Exeter – United Kingdom  
University of York – United Kingdom  
Veterinarians without Borders/VSF – Belgium  
Zoological Society of London – United Kingdom

## Mozambique

### Public entities and Universities

Administração Nacional das Áreas de Conservação (ANAC)  
Direção Provincial de Cultura e Turismo de Cabo Delgado  
Direção Provincial de Educação e Desenvolvimento Humano  
Direção Provincial do Mar, Águas Interiores e Pesca (DPMaip)  
Direção Provincial de Saúde de Cabo Delgado  
Direção Provincial da Agricultura e Segurança Alimentar de Cabo Delgado  
Direção Provincial das Obras Públicas, Habitação e Recursos Hídricos de Cabo Delgado  
Fundo Nacional de Desenvolvimento Sustentável  
Governo Distrital do Ibo  
Direção Provincial da Terra, Ambiente e Desenvolvimento Rural de Cabo Delgado  
Instituto Nacional de Gestão de Calamidades (INGC)  
Parque Nacional das Quirimbas  
Serviço Distrital de Actividades Economicas de Metuge (SDAE Metuge), de Ibo, de Montepuez  
Universidade Lúrio

### Associations and private companies

ECO Moçambique  
Quero

## Tanzania

### Public entities and Universities

Arusha City Council  
Arusha District Council  
Arusha Regional Secretariat  
Dodoma Regional Secretariat  
Enduimet Wildlife Management Area (WMA)  
Kiteto District Council  
Longido District Council  
Manyara Regional Secretariat

Meru District Council  
Ministry of Water  
Monduli District Council  
National Authorizing Officer for European Development Fund – Ministry of Finance and Planning  
President's Office Regional Administration and Local Government (PORALG)  
Randilen Wildlife Management Area  
Rural Water Supply and Sanitation (RUWASA) Kiteto  
Rural Water Supply and Sanitation (RUWASA) Manyara  
Rural Water Supply and Sanitation (RUWASA) Simanjiro  
Singida Regional Secretariat  
Simanjiro District Council  
Small Industry Development Organization (SIDO)  
Tanzania National Parks (TANAPA)  
Tanzania Wildlife Management Authority (TAWA)  
Tanzania Wildlife Research Institute (TAWIRI)  
The Nelson Mandela African Institution of Science and Technology (NM-AIST)  
Vice President's Office – Environment Division  
Wildlife Division

### Associations and private companies

African Conservation Center (ACC)  
Big Life Foundation (BLF)  
Camel Safari Camp  
Carbon Tanzania  
Chem Chem Foundation  
Global Climate Change Alliance (GCCA)  
Hakikazi Catalyst  
Honeyguide Foundation  
Iles des Paix (IDP)  
Illinois University  
International Institute for Environment and Development (IIED)  
Maasai Pastoralist Foundation (MPF)  
Maasai Women Development Organization (MWEDO)  
Maji na Maendeleo Dodoma (MAMADO)  
Makilenga Water Consumer Association  
Maliasili Initiatives  
Marketplace Literacy Community Trust (MLCT)  
Meru Sustainable Land (MESULA Ltd)  
Mkuru Training Camp (MTC)  
Northern Tanzania Rangeland Initiative (NTRI)  
Oikos East Africa (OEA)  
Pastoral Women's Council (PWC)  
Pathfinder International  
Research, Community and Organizational Development Associates (RECODA)  
South Rift Association of Land Owners (SORALO)  
Southern Tanzania Elephant Project (STEP)  
Tanzania Maasai Women Art (TMWA)  
Tanzania Organic Agriculture Movement (TOAM)  
Tanzania People & Wildlife (TPW)  
The Nature Conservancy Tanzania (TNC)  
TRIAS Tanzania  
Ujamaa Community Resource Team (UCRT)

# Partners

To successfully tackle issues of environmental sustainability, it is essential to establish a dialogue and collaborate with a wide network of people.

We build scientific partnerships with local and international universities and research institutes; ours is a constant commitment to forging stable alliances with public institutions, civil society organizations, businesses and media partners.

Water Service Facility Trust (WSFT)  
Wildlife Conservation Society Tanzania (WCS)  
World Vegetable Centre (AVRDC)

## Myanmar

### Public entities

Ministry of Hotel and Tourism (MOHT)  
Ministry of Natural Resources and Environmental Conservation (MONREC)  
Department of Fisheries (DOF)  
Tanintharyi Regional Government  
University of Myeik

### Associations and private companies

Gender and Development Institute (GDI)  
Golden Key Voluntary Service  
Intrepid Travel  
Kawthaung Public Land Watching Association  
Kawthaung Tour Guide Association  
Myanmar Ocean Project  
Myanmar Responsible Tourism Institute (MRTI)  
Rakhine Coastal Region Conservation Association (RCA)  
Rural Development Service (TWA)  
The Center for People and Forests (RECOFTC)  
Wildlife Conservation Society Myanmar (WCS)  
Worldfish Myanmar

## Other countries

### Associations and private companies

Al Shouf Cedar Society (ACS) – Lebanon  
Community Markets for Conservation (COMACO) – Zambia  
Ceapred – Nepal  
FICEDULA - BirdLife International – Switzerland  
Global Sustainable Tourism Council (GSTC) – United States  
Helvetas – Switzerland  
COMPA Teatro Trono – Bolivia  
Swisscontact – Switzerland  
Uniterra (WUSC & CECl) – Canada

# Our main supporters

## International organisations

European Union, IOM, UNICEF, United Nations Development Programme (UNDP), UN-Habitat, World Bank Group

## Public entities

Italian Agency for Development Cooperation (AICS), Lombardy Region, Municipality of Milan, Province of Varese, 8xmille – IRPEF

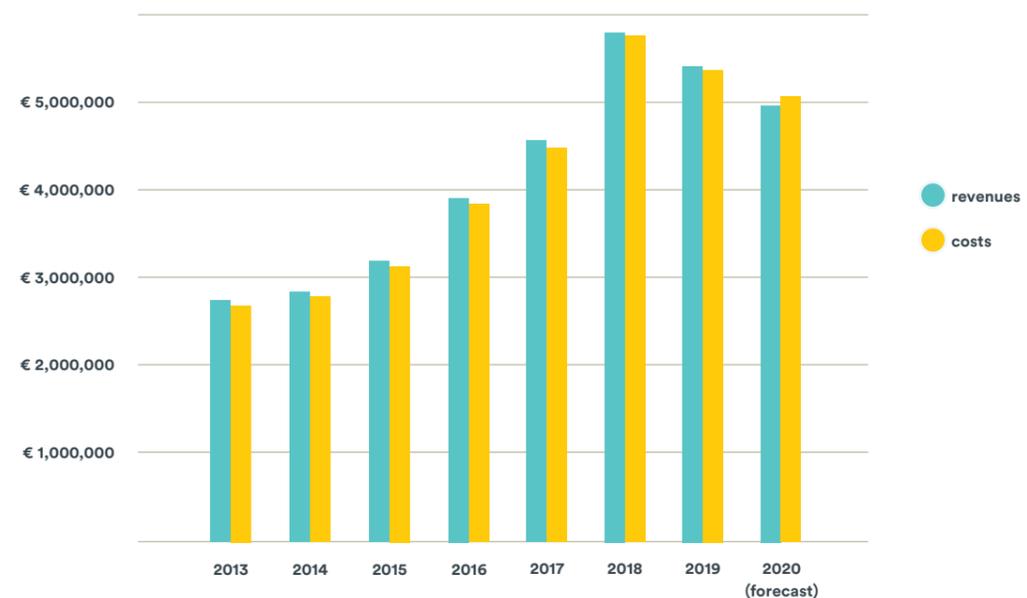
## Private entities

A2A Foundation, Cariplo Foundation, Charity and Defence of Nature Foundation, Ekoenergy – Finland, Ensemble Foundation – France, Holcim Italia, Keidanren Nature Conservation Fund – Japan, MUSLIM Hands – United Kingdom, Segré Foundation – Switzerland, Stiftung Drittes Millennium – Switzerland, The Nature Conservancy – United Nations, Tractebel Engineering SA – Belgium, Waldensian Evangelical Church



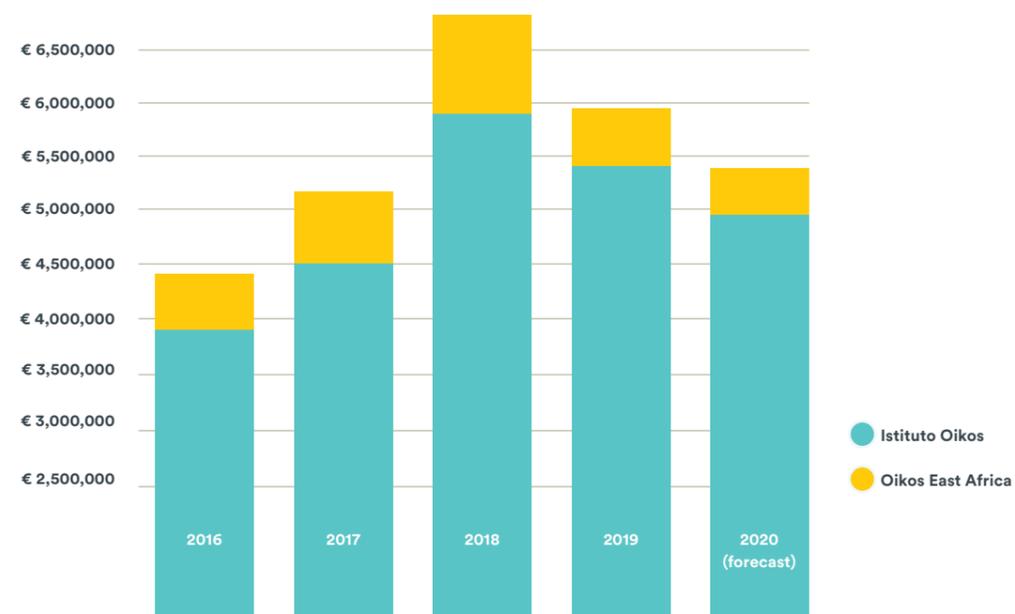
### Costs and revenues

The year closed with a profit of **€11,089.03** which augments the assets and reserves of the organization, currently equal to **€867,266**.



### Consolidated revenues of Istituto Oikos and Oikos East Africa

Our sister organization Oikos East Africa contributed the amount of **€525,076** which adds to the achievement of a consolidated balance of over **€5.8 million**

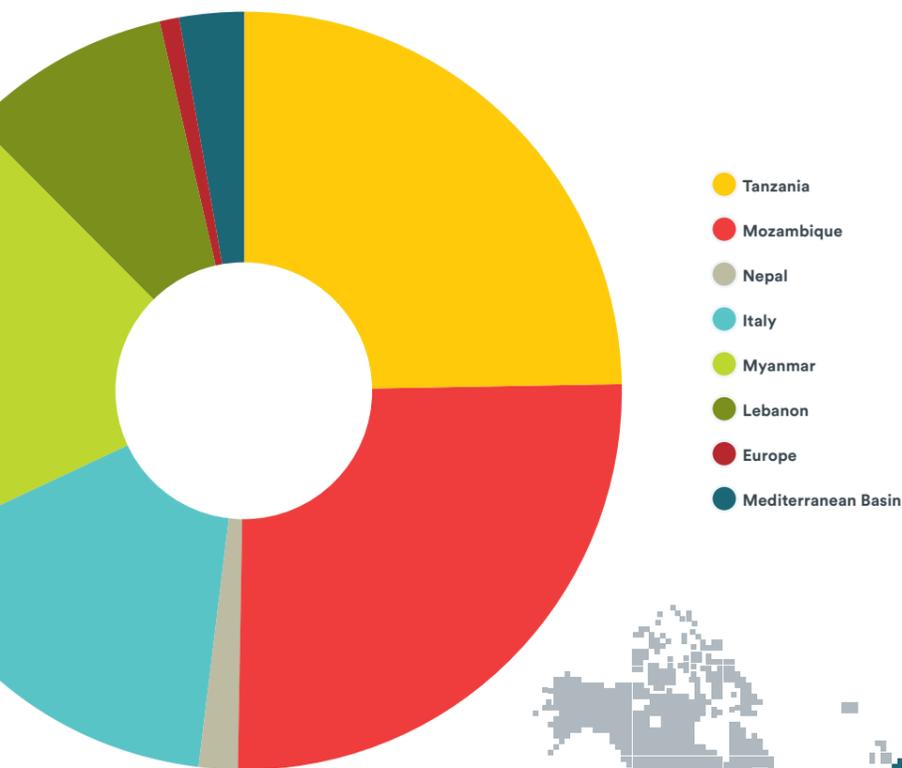


## Use of 2019 funds

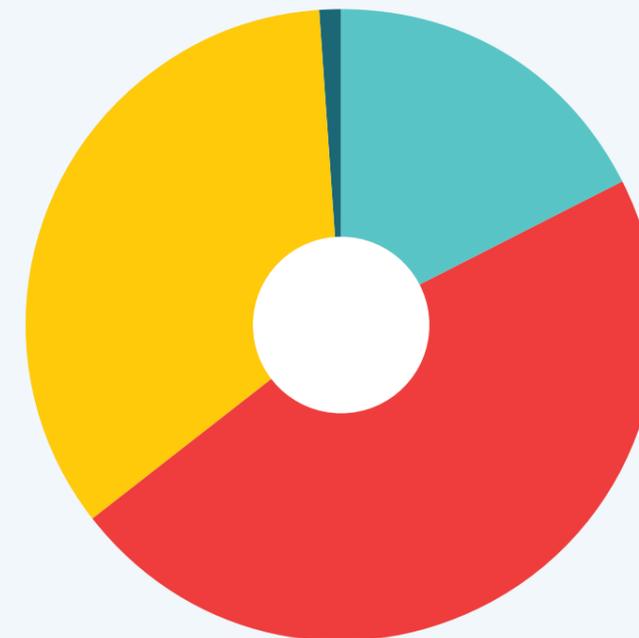
It should be noted that the balance sheet closes with a clear indication of adequate **liquidity**, equal to €2.7 million, **over 30%** of the total assets of €7.9 million, demonstrating the **financial solidity** of the organization. Over €6 million is available for projects approved at the end of 2019, activities to which we have already committed for the coming financial years.

### Geographical areas

The budget for the current year shows a total project revenue of **€5.3 million** (€5,362,466.03), more than 70% of which derives from the three main countries in which we work (Tanzania, Mozambique and Myanmar). The remaining 30% is from activities in Europe, Lebanon and the Mediterranean Basin.



↳ The pie chart's data refers to the allocated economic resources



### Funding sources

Our main sources of funding are Italian and international public funds. However, in 2019 there was an important contribution from foundations and associations.

- public funds: international organisations and bodies
- public funds: Italian organisations and bodies
- funds from foundations and associations
- private funds: companies, individuals and other sources

### Use of funds

Each euro donated is used as follows:



- 88,2 cents go to environmental protection projects
- 8,3 cents are used for communication, fundraising activities and project supervision
- 3,5 cents support the organisation to guarantee the presence and work of Istituto Oikos in Italy and in the world

## Financial statement

### Balance sheet

	ASSETS	2017	2018	2019
Fixed assets	Tangible fixed assets	€ 22,801.00	€ 70,068.00	€ 54,408.00
	Financial fixed assets (shares)	€ 75,000.00	€ 75,000.00	€ 75,000.00
	Financial fixed assets (other titles)		€ 150,000.00	€ 150,000.00
	<b>Total fixed assets</b>	<b>€ 97,801.00</b>	<b>€ 295,068.00</b>	<b>€ 279,408.00</b>
Working capital	Receivables	€ 29,711.00	€ 25,702.00	€ 26,554.00
	Activities that do not constitute fixed assets	€ 10,575,122.00	€ 6,306,072.00	€ 3,916,855.00
	Liquid financial resources	€ 3,449,529.00	€ 2,866,737.00	€ 2,770,207.00
	Activities that do not constitute fixed assets (other titles)		€ 1,350,000.00	€ 860,000.00
	<b>Total working capital</b>	<b>€ 14,054,362.00</b>	<b>€ 10,548,511.00</b>	<b>€ 7,573,616.00</b>
	Accrued income and prepaid expenses	€ 16,526.00	€ 46,805.00	€ 90,300.00
	<b>Total assets</b>	<b>€ 14,168,689.00</b>	<b>€ 10,890,384.00</b>	<b>€ 7,943,324.00</b>

	LIABILITIES	2017	2018	2019
	Reserves	€ 811,968.00	€ 867,263.00	€ 877,957.00
	Staff severance indemnity fund	€ 88,377.89	€ 106,751.00	€ 136,945.00
	Debits	€ 13,142,532.00	€ 9,681,664.00	€ 6,779,011.00
	Accrued expenses and deferred income	€ 125,813.00	€ 234,706.00	€ 149,411.00
	<b>Total liabilities</b>	<b>€ 14,168,690.89</b>	<b>€ 10,890,384.00</b>	<b>€ 7,943,324.00</b>

### Income statement

	REVENUES	2017	2018	2019
	Revenue for institutional projects from Private Entities	€ 1,026,982.08	€ 2,335,832.67	€ 1,927,408.75
	Revenue for institutional project from Public Entities	€ 3,105,679.65	€ 3,196,534.54	€ 3,113,558.00
	Revenue from fund-raising from individuals	€ 12,628.00	€ 4,725.60	€ 32,442.00
	"5 per mille" Contributions	€ 8,122.21	€ 10,179.91	€ 5,643.00
	Other revenue	€ 25,326.52	€ 34,680.67	€ 63,353.25
	<b>Total institutional income</b>	<b>€ 4,178,738.46</b>	<b>€ 5,581,953.39</b>	<b>€ 5,142,405.00</b>
	Revenue from secondary activities	€ 307,538.00	€ 279,247.00	€ 220,061.00
	<b>Total income</b>	<b>€ 4,486,276.46</b>	<b>€ 5,861,200.39</b>	<b>€ 5,362,466.00</b>

	EXPENSES	2017	2018	2019
	Institutional activities expenses	€ 4,095,739.00	€ 5,458,935.00	€ 4,952,200.00
	Promotional and fund raising expenses			€ 126,948.00
	Secondary activities expenses	€ 304,304.00	€ 277,395.00	€ 223,492.00
	Financial and asset expenses	€ 21,760.00	€ 47,505.00	€ 30,619.00
	Depreciations	€ 9,110.64	€ 22,066.00	€ 18,518.00
	<b>Total expenses</b>	<b>€ 4,430,913.64</b>	<b>€ 5,805,901.00</b>	<b>€ 5,351,777.00</b>

	Financial year surplus	€ 55,243.00	€ 55,300.00	€ 10,689.00
	<b>Balance</b>	<b>€ 4,486,156.64</b>	<b>€ 5,861,201.00</b>	<b>€ 5,362,466.00</b>

## Companies: major players in the protection of the environment

Companies can be of key importance for the protection of the environment and for the sustainable development of a community through a conscious and responsible way of doing business. They are important allies for Istituto Oikos: partnerships are a great opportunity to carry out projects of value and high impact, both in Italy and in the southern countries of the world.

### There are many ways to implement Corporate Social Responsibility initiatives with Istituto Oikos:

- promoting behaviour and practices with a low environmental impact within the company itself;
- with financial support for our environmental protection projects and by involving employees in corporate volunteering activities;
- through sponsorship of events and conferences which reach increasing numbers of people and raise awareness of the importance of adopting more responsible lifestyles;
- by financing our education for environmental sustainability activities in schools in Italy and in the countries in which we operate;
- with donations of goods or services that help us carry out our projects and activities.

### Supporting a social cause strengthens the corporate reputation and consolidates the relationship of a company with its own network.

Sharing social and solidarity values is an important example of **improvement and progress for the community in which the company operates and lives.**

In recent years many companies have trusted our organization, helping us, for example, to create oases of biodiversity in Italy, protect community forests in Tanzania and Myanmar, become *Plastic Less* companies through a process of reducing plastic.

[Our thanks and gratitude go to them for believing in us and in our mission.](#)

## Universal civil service: a reciprocal exchange



**Alice Costa**  
Civil Service  
volunteer

The Civil Service with Istituto Oikos? A unique opportunity to learn by doing. And discover a new world, experiencing opportunities and challenges.

This was how I joined the world of international cooperation, through an extraordinary experience in Mozambique. There I learned what sustainable development means, following the local team on activities and projects, working alongside teams specialized in humanitarian aid during emergencies, and I became deeply passionate about this profession that combines my enthusiasm and commitment to protecting our planet.

Those who decide to take part in the Universal Civil Service play a fundamental part in our organisation. Our commitment is to make these **young people fully aware of their role in society**, giving them the opportunity to approach the world of international cooperation and environmental protection.

In the past few years, **39 young people** have decided to contribute to our cause with their time, their skills and their desire to meet challenging situations, in Italy and abroad, adding value to our mission with their future-oriented gaze.

For Istituto Oikos, civil service  
is a reciprocal exchange.

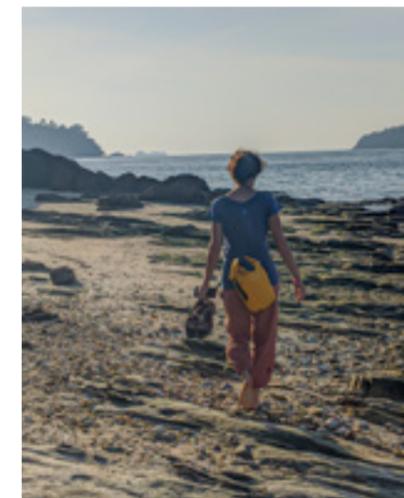
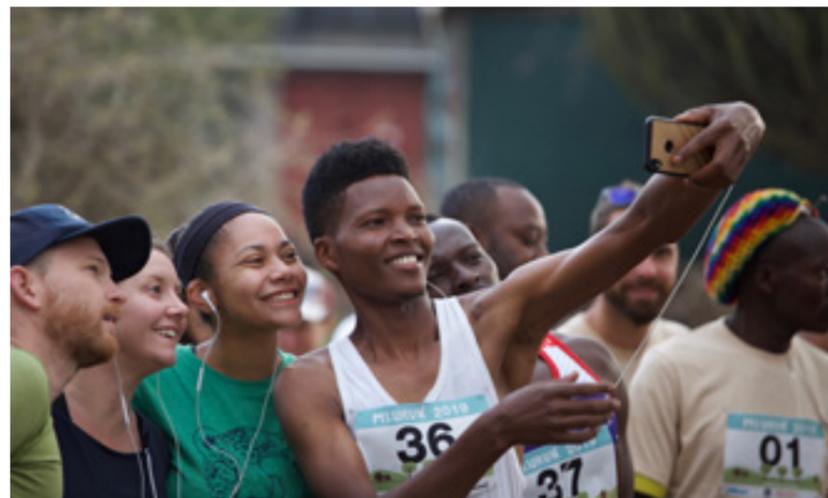
## Volunteers: our most precious allies

One of the pillars of our mission is the dissemination of good practices through global citizenship education activities and awareness campaigns.

**The contribution of volunteers here in Italy is essential to this commitment:** they spread news of our initiatives among networks of friends, in their workplaces and among colleagues; they support us during public events and give visibility to our petitions, allowing us to act at the institutional level. They are at the forefront, urging more and more people to take action, setting an example with good practices and helping us spread more sustainable lifestyles.

In 2019 our volunteers helped us to collect signatures for a petition against intensive farming and excessive meat consumption; they helped us spread good practices to protect bees and pollinating insects through workshops for children and families with events in and around Varese. They supported us in fundraising initiatives through the promotion of handcrafted products made by Maasai women, and helped us **share a culture of sustainability**, starting with small daily actions to reduce the quantity of the resources we consume.

A special thanks, therefore, goes to the volunteers who have dedicated part of their daily lives to Istituto Oikos, and to all those who will join us in the coming year, to ensure a more sustainable future for everyone.



## **We are nature: let's defend it together!**



You can make a donation with:

### **Postal account**

N° 61923629 addressed to Istituto Oikos Onlus

### **Bank transfer**

IBAN IT80R0569601602000006906X78 addressed to Istituto Oikos Onlus

### **Credit Card / PayPal**

on our website [www.istituto-oikos.org](http://www.istituto-oikos.org) or by calling +39 02 21597581

## **Donations made to Istituto Oikos are amenable to tax deduction!**

Don't forget to enter your name, surname and e-mail address  
in the payment's description.

### **Need help?**

**Call us at +39 02 21597581 or write to  
[sostenitori@istituto-oikos.org](mailto:sostenitori@istituto-oikos.org)**

Istituto Oikos Onlus

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