



CONSERVATION OF  
NATURAL RESOURCES AND  
SUSTAINABLE DEVELOPMENT

[www.istituto-oikos.org](http://www.istituto-oikos.org)

MISSION

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REPORT

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2015

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# CONSERVATION OF NATURAL RESOURCES AND SUSTAINABLE DEVELOPMENT

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## 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.



## LETTER FROM THE PRESIDENT

Two important agreements, the 2030 *Sustainable Development Agenda* with its 17 *Sustainable Development Goals* (SDGs) and the Paris Climate Agreement, have fuelled the hope that global commitment for environmental protection is becoming more prominent in government strategies and in people's conscience. These agreements demonstrate how environmental, socio-economical and political aspects can offer different perspectives to tackle the same problem: the inadequacy of our lifestyles. And they remind us how each action must be assessed, or planned for, based on the different effects it produces in the systems we live in.

The urgent situations posed by climate anomalies are the most tangible expression of how choices made with a lack of foresight in different sectors (commercial agreements, economic strategies, etc.) have contributed to creating the "uncomfortable truth" that now might get out our control. However, even tangible effects relating to climate change are starting to fuel the shared awareness that might open the doors to change.

The work of Istituto Oikos, its partners and beneficiaries in 2015 fits within this window of potential openness to change: a summation of many "little stories" driven by the ambition to test the environment-economy-society alliance upon which the principle of sustainability is founded.

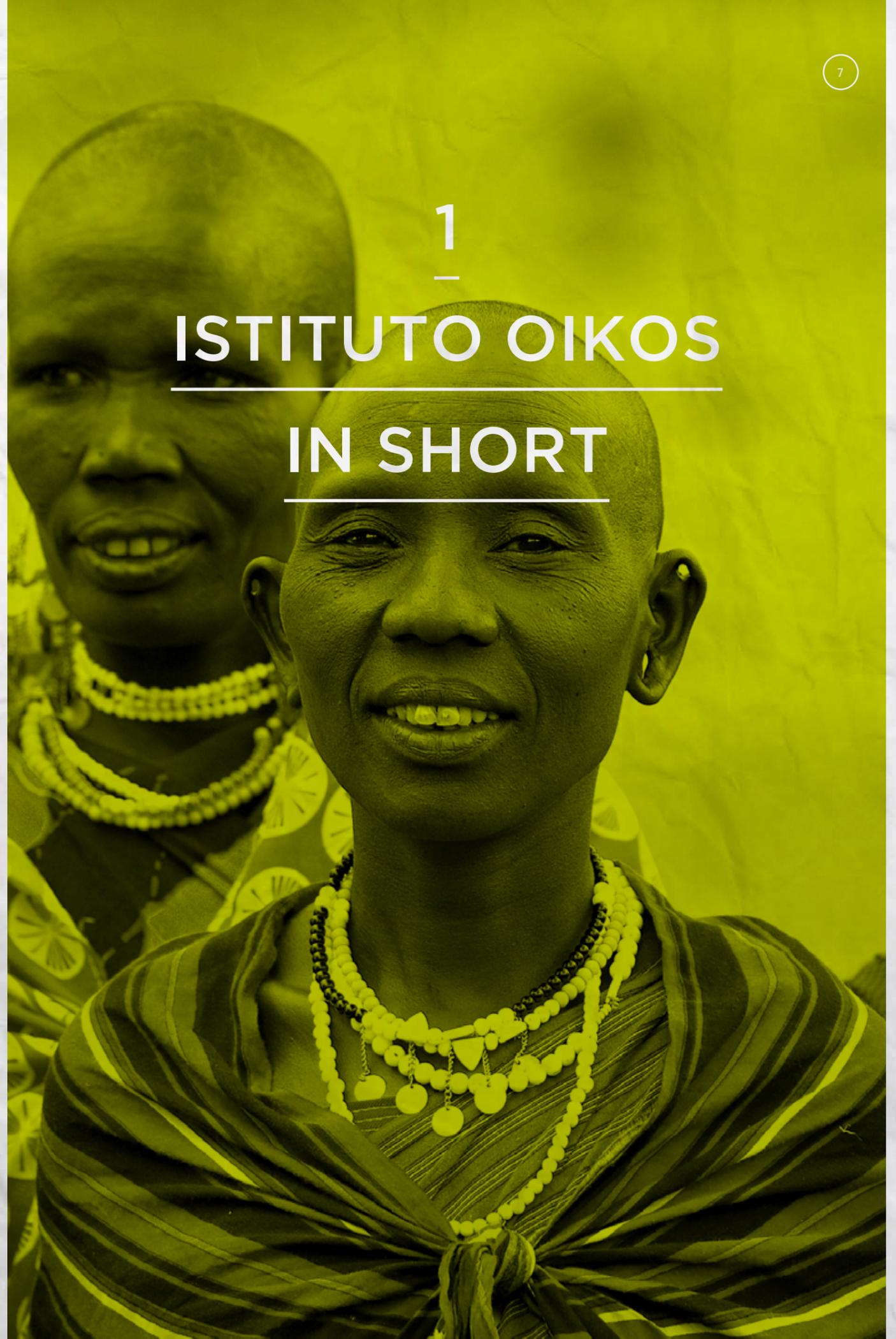
The creation of a garden/kitchen garden in Arusha, Tanzania, managed by the women of the *Theliga Women Group*; the birth of social enterprise *Pemba Verde*, in Mozambique; the construction of the Visitor Centre of the Lampi Marine Park in Myanmar; the launch of new forms of rural tourism and hospitality on the northern banks of Lake Como: these are some of the most important results achieved in 2015.

During the year, Oikos's long-term programs have also continued: supporting "our" school network in Tanzania, Mozambique, Myanmar and Italy with the creation of school orchards, environmental and nutrition campaigns. In Tanzania, we completed 260 kilometres of aqueducts and assisted in the Constitution of the Makilenga Board, a social enterprise in charge of managing the aqueduct. In Lombardy, we continued the works to re-establish an ecological connection between the Ticino river and the rivers Rile, Tenore and Olona, while awareness raising campaigns in Italy have reached at least 100,000 people.

**The 2015 Mission Report provides a synthetic overview of all our action and looks ahead to the direction for next year.** With one certainty: we will need to retain all our determination, our ability to work as a team, the will to offer the best of our skills; but it will also be necessary to be pragmatic and brave at the same time, with the ability to experiment with creative and innovative solutions. With one aim: rediscover, above the technological and scientific mindset, the poetic and moral thread that can help us reconnect with the earth. In order to avoid the occurrence of what C.G. Jung had already prophesied in the past century: *"No voice reaches man from stones, plants or animals any more, nor does man turn to them in the certainty of being listened. His connection with nature is lost, and with it, the deep emotional energy released by this symbolic connection has come to an end"*.

— ROSSELLA ROSSI

# 1 — ISTITUTO OIKOS — IN SHORT



## 1.1 | ABOUT US

**Istituto Oikos is a non-profit, secular and independent organisation, founded in Milan in 1996 by a group of biologists and naturalists.**

**We work across Europe and the world to protect **biodiversity**, for a responsible management of natural resources and to spread more sustainable ways of life as tools for social and **economic development** and to **fight poverty**.**

### ACCREDITATIONS

- » Recognised association (Varese Prefecture)
- » Socially useful NPO pursuant to Decree 760/97
- » 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).

### MEMBERSHIP

- » Italian NGO association
- » European Commission Campaign “Sustainable Energy Europe”
- » Italian Coalition to Fight Poverty
- » CoLomba (Lombard NGO association)
- » EnergyLab
- » Expo dei Popoli
- » International Union for Conservation of Nature – IUCN

Istituto Oikos has its headquarters in Milan and it coordinates a network of local branches, which have different degrees of legal autonomy, but share the same vision, mission and strategies and operate in close synergy and coordination with headquarters, based on framework agreements regulating their reciprocal commitments. The Istituto Oikos network comprises:

- » Istituto Oikos, Milan headquarters
- » Istituto Oikos Trentino, based in Ragoli (province of Trento)
- » Oikos East Africa, based in Arusha (Tanzania)
- » Istituto Oikos Mozambique, based in Pemba (Mozambique)
- » Istituto Oikos Myanmar, based in Yangon (Myanmar)

**In 2015, we managed 41 projects:**

→ **29 INTERNATIONAL COOPERATION PROJECTS**

**15 in Tanzania, 4 in Mozambique, 8 in Myanmar, 2 in Brazil**

→ **3 ENVIRONMENTAL PROTECTION PROJECTS IN ITALY**

→ **9 SUSTAINABILITY EDUCATION PROJECTS IN ITALY AND EUROPE**

OUR WORK IS MOSTLY SPONSORED BY **PUBLIC FUNDS** (78% IN 2015).

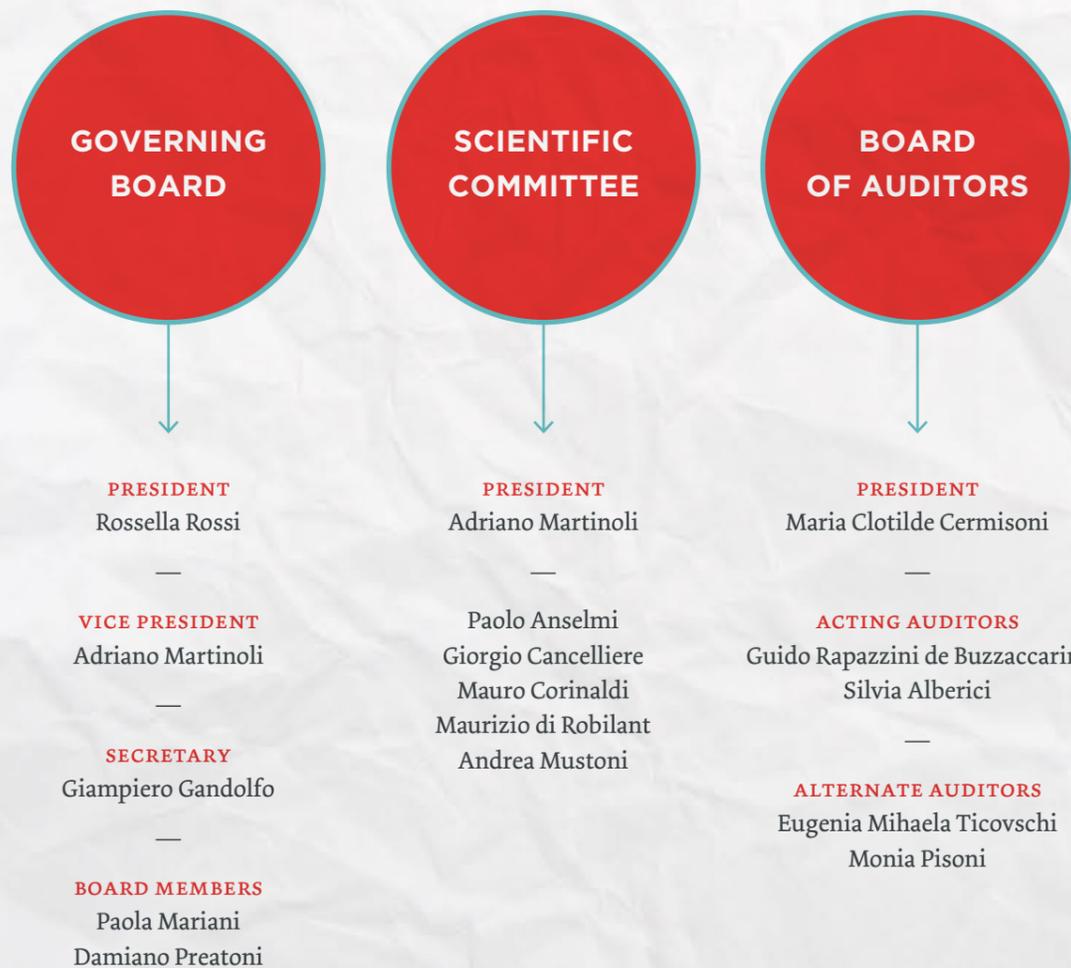
OUR MAIN DONORS ARE THE EUROPEAN UNION AND THE MINISTRY OF FOREIGN AFFAIRS AND INTERNATIONAL COOPERATION.



**PEOPLE ARE OUR STRENGTH**

In 2015, 113 people contributed to the success of our activities; out of these, 28 worked in Italy and 85, of which 68 local, at our branches in Tanzania, Mozambique, Myanmar and Brazil.

Istituto Oikos team is made of environmental and development specialists, guided by a common belief: care for our natural heritage provides the foundation of any development process.



**Alessandra Gagliardi** zoologist.

I have been working for Oikos for more than ten years with very varied assignments: from “office” tasks, such as writing project proposals or analysing data, to fieldwork, involving inspections, fauna surveys, bird capture and ringing, radio-tracking... a day high in the mountains, another maybe on the banks of a lake. I certainly do not get bored!



**Silvia Ceppi** biologist, Oikos scientific coordinator in Tanzania.

I like working here because in Tanzania I can put into practice what I have learnt in my previous years of research and work. I really appreciate Oikos’s rigour, and the team too... we are nearly all women!



**Giorgio Cancelliere** geologist, expert in the management of water resources.

I started collaborating with Oikos in 2004, organising internships at Mkuru, in Tanzania, for my students on the Master’s program in Water Resources Management for International Cooperation, which I led. Today I prepare and manage projects that deal with water and environmental health. I have been overseeing the construction of rural aqueducts from the very beginning, dealing with both technical and sociocultural aspects.



**Isabel Ferreira** expert in tourism and community development and coordinator of the Profissão turismo project.

I have been working with Oikos since 2013 in Mozambique on projects supporting the most vulnerable social groups, such as women and youth, in entering the workforce. Oikos is made of people that care about the same values I do, and this is what makes me so happy to work for this organisation!



**Josephine Kishapoi** gender advisor for Oikos in Tanzania.

I have been working as part of Oikos since 2015, for the project *Investing in Maasai Women*, whose aim is to improve the living conditions of women in three districts of the Arusha region. My dream is to see Maasai women live a better life, free from any form of social, economic and cultural oppression, and Oikos is giving me the chance to make this come true.



### BRAZIL

We have been working in Salvador da Bahia since 2008.

Brazil is the country in which we invest the most in terms of activities to support ecotourism and sustainable enterprises, focussing in particular on women and young people.

### ITALY

Our activities of environmental protection in Italy are concentrated on environmental planning and on the collaboration with institutions, Parks and provinces for the promotion of conservation strategies that might be applied in different local settings.

### MYANMAR

We have been operating in this country since the end of 2006, in the Rakhine region and in the Lampi National Marine Park, with the aim of promoting sustainable development, encouraging participatory regional management and the strengthening of the technical capacity of local NGOs.

### EUROPE

Our education and communication activities have a European horizon. Together with institutions and civil society, we encourage active citizenship practices and promote "eco-compatible" lifestyles for the well-being of present and future generations.

### MOZAMBIQUE

In 2012 we set ourselves a new challenge: try to ensure the protection for the Quirimbas National Park, in the coastal zone in the north of the country. 120,000 people live in the area, mostly fishermen, and sustainable management of marine resources is crucial for their survival.

### TANZANIA

We have been present for nearly 20 years in the Mount Meru area, in the north of the country, where we devote ourselves to defining, experimenting and promoting approaches and technologies that can help local communities to use their own natural resources (water, soil, forests) for productive purposes (agriculture, livestock farming, but also tourism) in a more effective and sustainable way.



- where we work today
- where we have worked



## 1.2 | WE ARE NATURE

All our interventions have a common objective: drawing the attention of citizens, rural communities and institutions to environmental protection. **Why?**

From the moment we open our eyes in the morning, nature provides us with everything we need to survive. **The Earth is our home** (*Òikos* in ancient Greek) **and the health of the environment concerns the life of each one of us in a very immediate way.**

Nature's well-being is relevant to those **who live in big cities**, where it is easy to forget how every product, from food to the clothes we wear, to the furniture in our home, is a fruit borne by fertile soil and by the thousands of factors that allow an ecosystem to continue existing.

The bond between humans and nature is much more evident in **rural settings**. If fish populations shrink along the coasts of **Mozambique**, the fishermen communities will have serious difficulties to find new economic alternatives for their sustenance. If the pastures of the Maasai grasslands in **Tanzania** were to become impoverished, shepherds would see their herds drastically reduce in size, and, with them, their hopes for the future.

In **Italy**, the irrational and uncontrolled exploitation of the land is causing serious hydrogeological risks, a reduction in soil fertility and biodiversity, and an impoverishment of that beauty and harmony of the land that make our country unique in the world.

**Repairing, strengthening and harmonising the bond between humans and the environment is a global priority to which Oikos has been contributing through practical and often innovative initiatives, able to reconcile the protection of the land with social well-being and justice.**

Our ultimate aim is to improve the life of humans and we believe that this can also happen, maybe especially so, through a rediscovered connection with the environment.

**After 20 years, Istituto Oikos still believes it is possible to win this great challenge.**



## 1.3 | HOW DO WE CHOOSE OUR PROJECTS

### WE CONTRIBUTE TO TACKLING BIG GLOBAL PROBLEMS

**Deforestation, overgrazing, intensive agriculture, poaching, excessive exploitation of fish stocks** have always accompanied human history on the planet and caused well-known problems of environmental degradation, loss of soil fertility and biodiversity, increase in atmospheric CO<sub>2</sub>.

The extent of these problems is now such that they are leading to the emergence of **the new and greater problem of climate change**, which is nothing else but the most dramatic and tangible effect of a thoughtless use of natural resources, over too long a length of time and by an ever increasing and less aware number of people.

It has thus become urgent and of primary importance **to promote a more reasoned use of natural resources**, and, at the same time, put in place strategies and techniques **to increase local resilience**, i.e. their capacity of "resisting better" to the threats posed by climate. This approach is dramatically urgent, especially in the most fragile settings, where the land struggles to satisfy the primary needs of local populations, the effects of climate change are particularly tangible and local communities depend entirely on environmental resources to survive.

Land state of health, biodiversity and climate change: three aspects of the same problem, to which all actions of Istituto Oikos refer back.

## Having considered the complexity of the problem, what actions should be taken?

### 01. ACTIONS IN LINE WITH GLOBAL PROGRAMS

The 2030 *Sustainable Development Agenda* with its 17 *Sustainable Development Goals* (SDGs), signed in 2015 by the 193 member states of the United Nations, and the Paris Climate Agreement, signed on 22 April 2016 by 177 countries, are the framework of all Oikos' actions.

### 02. ACTIONS THAT TARGET AND PROMOTE OPENNESS TO CHANGE

Reaching big aims is possible only with everyone's personal contribution, in the world's north as well as in the south. Oikos is always searching for the key to motivate communities to change their behaviours, highlighting the links between individual and collective responsibilities, local and global problems.

### 03. PRACTICAL AND SIGNIFICANT CONSERVATION AND MANAGEMENT ACTIONS

Oikos's strategy to optimise the use of its limited human and economic resources consists in identifying, testing and, if successful, in proposing the replication of "good practices" and "pilot initiatives". This is how we give maximum value to our work, by trying to link innovation and experimentation with feasibility, boldness with common sense.



## 1.4 | THREE PILLARS: BIODIVERSITY, EDUCATION, ECONOMY

**We are looking for effective and long-lasting solutions. For this reason, we concentrate our effort in specific geographical areas, where we develop long-term projects, built in close synergy with the local authorities and communities and based on an in-depth knowledge of the local setting.**

We are looking for integrated solutions.

Environmental conservation rests on water, earth, work, culture and education.

In over 20 years of experience in the field of natural resources protection and of the promotion of sustainable behaviours, we have moved from an approach focused on the conservation of single species and ecosystems to a new **integrated strategy**. We have thus organised ourselves in multiple fields of intervention, such as the protection of biodiversity, the promotion of agricultural biodiversity and of typical products, the fight against climate change and the reuse of materials, expanding our skills and our staff.

At present, three main areas complement and strengthen each other in our projects.

## 01 BIODIVERSITY AND PROTECTION OF ENDANGERED HABITATS

We want to guarantee the conservation of species and habitats and restore degraded ecosystems. We intervene in **protected areas** (parks and reserves) and **fragile environments** (forests, rivers, lakes, coastal areas), key regions to contain desertification and environmental degradation risks, favour the reduction in the production of CO<sub>2</sub> and increase the populations ability to adapt to the changing climate.

We create management plans and we train the local staff (park guards, foresters, etc.).

At the same time, we create the **tools to participate** in the management of the local territory and we test mechanisms to make **environmental protection** an advantageous option, from an ecological and economic perspective, and from the point of view of resilience to climate change.

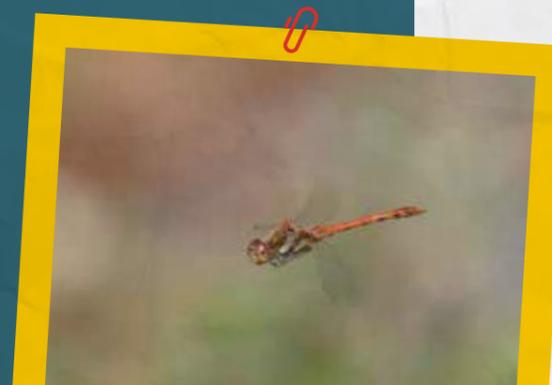
### WET BRIDGE: A WATER BRIDGE TO PROTECT BIODIVERSITY

With the *Wet Bridge* project (2014-2017) we work to increase the ecological connection and biodiversity of new humid areas of the Lombard planes in the province of Varese, chosen for their environmental significance.

These areas, occupying a surface of 35 hectares within the Park of Ticino, the Rile Tenore Olona Local Park of Supra-Municipal Importance (PLIS), and the municipalities of Cassano Magnago and Albizzate, are crucial for the ecological connection between rivers, and, consequently, for the survival of the different species connected to water environments. During the first year of the project, we conducted geological, geomorphological and hydrogeological surveys in order to design interventions in the nine humid areas.

For six sites, we created a cartography of the vegetation, assessed water quality and planned environmental interventions to improve connectivity. During the monitoring surveys that will allow us to evaluate the effectiveness of our work, we have also recorded 70 animal species, including dragonflies, amphibians, reptiles, birds and bats. Now we are moving to the rehabilitation phase – interventions in the Parco delle Fornaci in Albizzate (Province of Varese) have already been completed – and to awareness raising activities, which will involve especially students and volunteer Eco Guardians.

The project is funded by Cariplo Foundation; Holcim (Italia) s.p.a.; PLIS Rile Tenore Olona; Municipality of Cassano Magnago; Municipality of Albizzate; Park of the Ticino Valley.



## 02 AWARENESS RAISING AND PROMOTION OF HUMAN CAPITAL.

We inspire and motivate people to promote changes, to build together a more sustainable society for everyone. We are trying to re-establish the connection between humans and the environment, to understand the obstacles and find practical solutions to the specific needs of the public we engage with.

We invest in strengthening the **knowledge and skills** necessary for people to improve their lives and outlook. We do it through awareness raising and environmental education **campaigns** aimed at schools, institutions and communities, and putting our efforts into **training** and promotion of human resources (career development, community training, primary and secondary education).

### PROFESSION TOURISM

In the context of the project *Profissão Turismo* funded by the European Union (2013-2017), we commit to align the vocational training of the most vulnerable groups of the Province of Cabo Delgado, in Mozambique, with the needs of the growing tourist sector.

In 2015, we started a year-long vocational course at the Catholic University of Mozambique (CUM), “Escola Superior de Formação em Gestão de Turismo” (Tourism Management Training School), in which 35 students enrolled in this first pilot phase. Instead 300 people participated in four seminars on marketing and tourism topics, organised by Oikos at CUM.

Again in 2015, IULM University in Milan and CUM signed a partnership agreement to develop a **training program** in line with the country’s tourism development needs, at local and national level.

Furthermore, four courses to increase employment opportunities for local communities were organised. Around 100 people received training in Pemba and Ibo in the following sectors: Introduction to Tourist guide services in Pemba; Introduction to Tourist guide services in Ibo; Home management services; English beginners course for tourism agents (Level 1).

In parallel, two community guides associations have been strengthened, one in Pemba and one in Ibo.



## 03 ECONOMY AND ENVIRONMENT

When sustainable management of natural resources and social and economic development opportunities are linked clearly and directly and are able to generate tangible benefits for local communities over reasonably short periods of time, the virtuous mechanisms that lie at the core of Oikos’s mission can manifest.

With this view, we support families, small businesses and craftsmen in launching **income-generating micro-activities and social enterprises based on the use and promotion of natural resources**: in the ecological and cultural tourism sectors, in the production of crafts in leather, wood and beads, in the production and sale of food grown on a small scale and respecting the environment. We try to set the foundations for an alternative development model, which might become an example for the social and economic structure of the settings in which we operate.

In other terms, we try to create new economic opportunities that might allow local communities **to make conservation issues their own**, and improve their lives.

### THEMI LIVING GARDEN, A SOCIAL ENTERPRISE FOR FOOD SECURITY AND BIODIVERSITY PROTECTION

In the heart of the city of Arusha (North Tanzania) lies a multi-functional garden where one can breathe in clean air, experience biodiversity and taste good food directly. The space is spread over three acres of riparian forest recovered by Oikos with the *S.A.F.E. Gardens* project, funded by the Municipality of Milan, and can now be enjoyed by the people of Arusha.

The Themis Living Garden (TLG) is now run by the *Theliga Women Group*, a cooperative of women at high risk of social marginalisation that deals with a plant nursery, a restaurant and a market with traditional local products. TLG is also a laboratory and an open-air educational centre: 387 primary school children, 170 secondary school students and 55 teachers have been involved in awareness raising events on the theme of food security and of agriculture conducted in harmony with the environment.

Furthermore, thanks to the scientific partnership between Bicocca University in Milan and Nelson Mandela University of Arusha, 11 local edible species with high nutritional and commercial value, including amaranth, ginger and vanilla, suitable for permaculture and for the cultivation in limited spaces have been mapped genetically and received a biological passport. Such tool, through which 11 species threatened by genetic erosion are now protected at an international level, highlights their value also from a molecular perspective.

A theme map was then made for the ecological values of the Municipality of Arusha, thanks to a collaboration between the University of Insubria and the Municipality of Arusha. The map is now included in the city’s Land-Use Plan.



## 1.5 | THE WAY WE WORK

### EXPERTISE

Whenever implementing its projects and interventions, Istituto Oikos applies a rigorous scientific approach and promotes excellence and care for details in all its forms. It relies on highly qualified staff, responsible for a constant results analysis and verification.

### INNOVATION

Istituto Oikos action is based on a constant critical assessment of current practices, acquired experience and new ideas, on the research and application of methodological and technological innovations and on an integrated and multidisciplinary approach.

### TANGIBLE AND SUSTAINABLE ACTIONS

Istituto Oikos promotes and develops realistic strategies and initiatives, aimed at leading to tangible results in terms of conservation and socioeconomic development. It spreads and replicates best practices and successful experiences within its structure and among its partners, at local as well as global level.

### PARTNERSHIP AND PARTICIPATION

Istituto Oikos builds initiatives and partnerships based on the participation of institutions, civil society, local communities, academia, research and private sector. With one objective: building virtuous mechanisms able to establish synergies and add value to the excellence of each stakeholder.

Istituto Oikos sets up its partnerships with entities, communities, associations and beneficiaries on full transparency and shared objectives, strategies and results.

To this day, Istituto Oikos works with over 140 partners worldwide.

### MONITORING AND EVALUATION

Istituto Oikos carefully monitors projects development, results and sustainability over time. It focuses on few key indicators that take into account elements of biodiversity, ecosystems functionality and socioeconomic significance. Finally, Istituto Oikos commits to honesty and transparency with regard to the achievements and failures of its actions.

# 2 — 2015 — SUCCESSES

The activities inside the Lampi Marine National Park are sponsored by the Ministry for Foreign Affairs and International Cooperation, by the Keidanren Nature Conservation Trust and by Stiftung Drittes Millennium.

## 2.1 | MYANMAR

### THE LAMPI MARINE NATIONAL PARK: A RESOURCE FOR MYEIK FISHERMEN

Lampi is one of the 800 islands of the Myeik archipelago, in the Andamane Sea. It is the only marine national park in Myanmar. In addition to its environmental value, the island has a great symbolic and spiritual value for the ancient sea gypsy people, the Moken, who inhabit it and consider it the mother island. **The park provides food, water and energy sources for around 5000 people**, who live within and in the immediate vicinities of the protected area.

**Lampi inhabitants have always made a living from fishing, but today it is not sufficient any more:** with their little boats they find themselves competing for marine resources with larger fishing boats, often coming from neighbouring Thailand.

**What are the alternatives? One possibility is to promote the marine park as an economic resource for the communities living there.**

For years we have been working with the local authorities and communities to improve the state of **conservation of the Lampi park** and set up financial mechanisms to reach the management sustainability of the protected area. At the same time, we have been promoting the growth of **sustainable and inclusive tourism** in the area, providing inhabitants with the necessary tools to generate income from the flows of visitors and promoting Lampi at a national and international level. At the same time, we commit to making **water accessibility, waste management and alphabetisation more efficient and widespread.**

Notwithstanding the difficult local conditions, we continue to make great progress.

The biggest success has been the approval and the implementation of **the management plan for the Lampi Marine National Park**. It is the first management plan to be officially approved by the Ministry of Conservation of Natural Resource and of the Environment of Myanmar (MONREC). It is also the first plan for the management of protected areas in Myanmar developed according to international criteria (IUCN and WWF) and through a participatory approach with local players. According to the Director of MONREC, our management plan **will be used as a model for the 21 priority protected areas identified by the Ministry.**

### WWW.LAMPIPARK.ORG

We launched the website for the marine park to let the world know the cultural and natural resources of one of the last natural paradises on the planet.



IN 2015



#### TRAINING IN NATURAL RESOURCES PROTECTION

**14** people (park staff and community members) trained on environmental monitoring

**15** people (park staff and community members) trained in SMART (Spatial Monitoring and Reporting Tool) patrolling techniques



#### TOURISM AS AN OPPORTUNITY

**6** park inhabitants were trained as tourist guides

**53** peoples participated in the English course



#### ENVIRONMENTAL EDUCATION

**1570** students and **920** adults were reached by the environmental education campaign

**185** children and **253** adults were reached by the waste management campaign

**72** children and young people involved in beach cleaning activities



#### PARTICIPATORY MANAGEMENT OF THE PROTECTED AREA

**1** management plan of the park approved and implemented, prepared according to international standards

**9** permanent staff members of the park

More than **150** stakeholders involved in the development of the Ecotourism Plan for Lampi Park



#### SERVICE IMPROVEMENT

**153** families, of which **42** Moken, served by a new water distribution system in the village of Makyone Galet

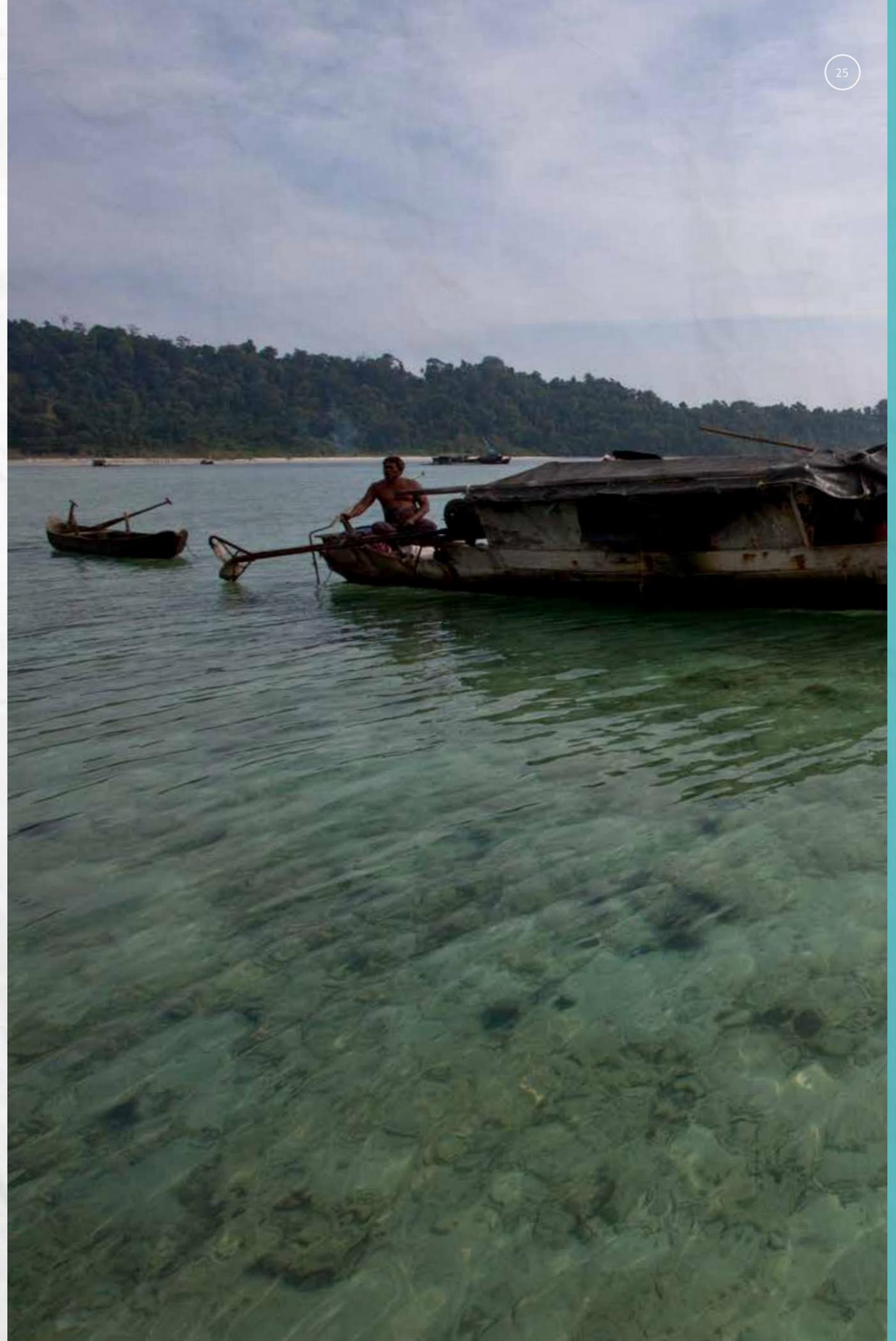
“

“My name is Soe Myat New, I am 27 years old and I have child. I decided to take part in the Oikos craft project: I like learning to make new objects with waste and I cannot wait to learn more.

I do not have a job, craft-making is my main source of income since November last year, when this pilot project was launched.

I managed to earn up to 100,000 MMK (80 dollars) a month during the high season (October-May); during the monsoons it will be harder to survive because there are no tourists.”

— Soe Myat New, left in the photo.



We have brought water in the drylands of the Arusha region through the support of the European Union and of Charity and Defense of Nature Trust.

## 2.2 | TANZANIA

### 260 KILOMETERS OF AQUEDUCT IN THE ARUSHA REGION

2015 saw the conclusion of a big project that started in 2011 to bring drinking water in the most remote territories of the Arusha region, in the north of Tanzania, start a sustainable management mechanism for the infrastructures and improve the hygienic standards of the local population in order to reduce the spread of disease and child mortality.

#### BEFORE

Children and women walked many kilometres to gather water or were forced to buy it by the bucket at a high price.

The only water available in the vicinities of the village came from unsafe sources, such as irrigation canals.

The use of contaminated water and the difficulty to access this vital resource were provoking the spread of diseases, even deadly, especially amongst children.



#### AFTER

**54,000** people in 22 villages have access to clean and safe water.

**260 km** distribution system created with the support of the people in the community.

**717** water distribution points built.

*MAKILENGA Water Consumer Association*, managing the plant autonomously, created.

**600** toilets built in the poorest houses.

A campaign to raise awareness on good hygiene and health practices reached the entire intervention area.



“It is the first time that we have a well organised Water Consumer Association in our district, with a council of members elected by consumers and an employee who deals with guaranteeing a good service to the community. This is a big result and for us it is a guarantee of sustainability”.

— *Michaeli Abeli Nanyaro, Secretary of the MAKILENGA Board*



“Before hand, us women and children used to walk for a long time to gather water, or we bought water from sellers that made us pay for it at a high price. This used to force us to reduce water consumption. Now we can gather water much more often because the distribution points are only a few minutes from home, it has changed our life”.

— *Eliasile Urio, Distribution Point care taker, Oldonyongiro village*





### PROJECT TIMELINE

Education ad awareness raising campaign on good water and sanitation practices.



2011

2011-2012

2012

2013

2013-2015

2015



Environmental impact assessment and assessment of the existing water distribution system.



Works on the Malemeu-KIA line, carried out by the community, with the assistance of Oikos staff.



Construction of the Bwani cistern, connected with the Malemeu spring, and of the Nkoasenga distribution network.



Works at Miririni, Kandashe, Mbaaseny, Leguruki, Shishtoni and Maruango with community participation.



Construction of water collection systems in 10 schools and health centres.



On 1st April 2015, MAKILENGA completely takes over the management and maintenance of the water system without any financial support by the Project.



Assessment of the state of the existing Village Water Committees (VWCs) and planning new VWCs.



Repair of the existing line between the Nasula and Maklena springs.



Construction of toilets by community members trained by project staff.



Drilling to build the Malula well.



Works in Nkoansyo, Nsengony, Ngajisusia, Kolila, Mareu and Malula with the community participation.



The last villages downstream (Mareu and Malula) are served by the distribution system and more than 90% of the population in the area has access to drinking water.



Topographical study of main aqueduct between Malemeu and Arusha airport (KIA).



Final topographical study of the distribution lines.



Creation of the "MAKILENGA Water Consumer Association".



The presence of toilets went from 30% to 74% in the project area.

## BUILDING IS NOT ENOUGH!

Infrastructure work were carried out in parallel to the creation of a **water management model**.

The greatest challenge in bringing water to rural and remote areas is indeed guaranteeing an efficient and appropriate use of the resource over the years.

The mechanism we developed (in collaboration with the local authorities and communities) revolves around the creation of a Management Committee, comprising representatives of Village Water Committees and called **MAKILENGA Water Consumer Association**.

MAKILENGA is registered as COWSO (Community Owned Water Supply Organisation) at the Meru District and thus is officially authorised to manage the water resources of the area.

The committee plays a crucial role in guaranteeing sustainability of the plant and deals with:

- » maintaining and managing the plant, including the economic aspects;
- » monitoring water quality;
- » fighting illegal behaviours, such as unauthorised connections to the system.

To this day, MAKILENGA is a successful social enterprise, with 44 very motivated and proactive board members.

The mechanism has been **recognised by the World Bank and by the Ministry of Water in Tanzania as a winning strategy** to promote sustainable water management (in economic and social terms) in rural communities and will be duplicated in other similar contexts.



## 2.3 | MOZAMBIQUE

### QUIRIMBAS PROGRAM: PROTECTION OF MARINE RESOURCES AND ECONOMIC DEVELOPMENT

2015 saw the launch of the first activities of a multiannual program promoted by Istituto Oikos together with the Quirimbas National Park for the protection of coastal and marine habitats of the Park, food security and economic development.

The Quirimbas Park is the most recent (2002) and probably the richest in Mozambique, in terms of the variety of environments and biodiversity. **It extends over 14,834 km<sup>2</sup> and has a population of 166,185 people, concentrated in the coastal areas, whose survival depends on marine resources.**

Due to the lack of alternatives and awareness of the consequences of their actions, inhabitants of the park adopt subsistence practices that put at risk the conservation of the environmental assets upon which the economy, food security and development potential for the entire community are based.

What does that mean in practice?

**Mangrove forest degradation and overfishing, even of protected species, carried out without sparing key fish breeding areas and with nets with an excessively narrow mesh, lead to a 50% reduction in fish stocks in recent years.**

How is Oikos intervening?

We operate in close collaboration with the Quirimbas National Park to spread amongst local communities and entrepreneurs **the knowledge of the local territory and the culture of environmental sustainability**, to steer the existing economic activities towards **forms of use of the environment that are more suitable and start practical and innovative initiatives in the tourism and fish resource management sectors.**

“

“One of the biggest challenges for the Quirimbas National Park is to conserve biodiversity and biological integrity in this protected area, so that these can be enjoyed by current and future generations”.

— Baldeu Araquechande, Director (Administrador) of Quirimbas National Park.



The activities inside the Quirimbas National Park are supported by the Italian Ministry for Foreign Affairs and International Cooperation and by the Ensemble Foundation.



IN 2015

#### PARK STAFF CAPACITY BUILDING

8 rangers trained on monitoring protocols (SMART – Spatial Monitoring and Reporting Tool).

Database with information on the park and adjacent areas organised and shared with the Quirimbas National Park administration. The work was conducted in collaboration with the park and with the scientific support of the University of Insubria. The database is a crucial tool the Park can use to optimise land management and planning processes.

#### SUSTAINABLE AND INCLUSIVE TOURISM

November 2015 saw the beginning of the construction of an ECO CENTRE on the island of IBO, a biological station, owned by the Park, destined to favour the development of tourism as a vector of economic growth achieved in harmony with the environment.

An agreement was made with Mozambique cooperative SAAKATA for the management of a small rotational fund in favour of at least 5 small local craftsmen associations.

#### SUSTAINABLE FISHING

A training plan for the fishers on good fishing practices was conceived in collaboration with the Park and with the local association AMA.

Educational and awareness raising activities concerning environment and marine resources safeguard for schools and communities were planned in collaboration with the Mozambican NGO ECO Moçambique.



The initiative in support of the Alto Lario are promoted by the Cariplo Foundation in collaboration with the Municipality of Gravedona and Uniti.

## 2.4 | ITALY

### ALTO LARIO: CARE FOR THE ENVIRONMENT AND LOCAL PROMOTION

The mountainous area of Alto Lario, on the northern reaches of Lake Como, nearly at the border with Switzerland, is a land at risk.

The local economy, historically based on agriculture and animal farming, is now facing a crisis: the new generations, no longer interested in the labour-intensive and increasingly less profitable traditional jobs, are abandoning their land. Farms, which used to have a crucial role in the care for the land, are always less (139 in 1990, 40 today). Thus high-elevations pastures are being lost, together with the associated biodiversity; the splendid Park of Sovramunicipal Interest (PLIS) of the Albano Valley is always less accessible due to the lack of maintenance of paths, a role that was once taken on by local shepherds and farmers.

## How can we stop environmental degradation and land abandonment?

Oikos, **in collaboration with the Municipality of Gravedona and Uniti** and with **14 local entities and associations**, has started a **participatory process** for the promotion of tourism and environmental conservation.

We are upgrading (mapping and restoring) the path network of the Municipality of Gravedona to make mountainous areas more accessible, in particular the Albano Valley PLIS.

We are expanding the tourism and hospitality offer, conceiving and promoting new cultural, environmental and gastronomic itineraries, in order to allow a wider public to discover the gems of Alto Lario.

We are supporting small local producers, promoting the best locally-sourced products and identifying new sales channels.



[WWW.LAGODICOMOSOSTENIBILE.IT](http://WWW.LAGODICOMOSOSTENIBILE.IT)

In 2015, we created the website, in Italian and English, to reach out to all potential tourists and let them discover the beauty and uniqueness of the Alto Lario area.



The project was funded by the Italian Ministry of Foreign Affairs and International Cooperation.

The company Holcim s.p.a. made an important contribution to the campaign, actively supporting the initiative.



## 2.5 | SUSTAINABILITY EDUCATION PROJECTS IN ITALY AND EUROPE

### CHANGE THE CLIMATE

**Agriculture and climate change, a dangerous relationship:** agricultural activities are responsible for 33% of annual greenhouse gas emissions worldwide, and, at the same time, they are heavily affected by changes in climate, such as erratic rainfall, which reduce productivity and increase food insecurity.

**The world changes based on our choices: purchase choices, eating choices, behavioural choices.**

Knowledge of these phenomena and problems makes us conscious citizens. *Change the Climate* is an **awareness raising campaign on the impact our daily behaviours have on the planet.**

**1,500 students and 100 educators in 50 school groups** in Lombardy, Trentino, Tuscany and Sicily took part in the *Change the Climate* training program.

We created an innovative and free multimedia education kit: *Think about the climate* ([pensa-al-clima.istituto-oikos.org](http://pensa-al-clima.istituto-oikos.org)).

With the **school competition** *Think about the Climate: plan and communicate sustainability at school* students have put to work their creativity and created a video on the ecological footprint; school events on water, sustainability, waste; awareness raising activities in a supermarket and much more.

**9,000 students** participated in the Human Rights Meeting during the International Human Rights Day, on 10th December in Florence.

**200 people** were present at our show-convention *Some Like It Hot – taking climate change (almost) seriously*, with which we tackled the ethical aspects of climate issues with a scientific and humorous approach.

Around **100,000 people** have been reached with online and offline promotion activities on the contents of the campaign.

With *Change the Climate*, we also targeted educators and students in Tanzania and Brazil, because the emergency of climate change hits every corner of the planet, and in any corner of the planet we can do something, in our small way, to change things.

In 2015 we involved 4 Sao Paulo school classes (Brazil) and 3 classes and 57 educators in Arusha (Tanzania) in training programs and educational entertainment activities, creating a virtual twinning, via webcam, with 20 Italian classes.

### WWW.HUNGRY.ISTITUTO-OIKOS.ORG

**800 million people around the world struggle daily to meet their nutritional needs. What if, all of a sudden, this challenge became our own?**

With *Hungry*. For many is not enough to open the fridge. people from Milan were invited to “challenge hunger” climbing a 5m high pole and to eat a snack at high altitudes, once reaching the top.

An original way to have a first-hand sensation of how difficult it might be to get food, **a precious good not to be taken for granted and to be selected carefully.**



# 3

## FINANCIAL STATEMENT



The economic result for 2015 was characterized by an increase in revenues, **from 2,843,051 euros in 2014 to 3,241,544 euros in 2015, with a 14% increase.** The positive trend of recent years is thus consolidated.

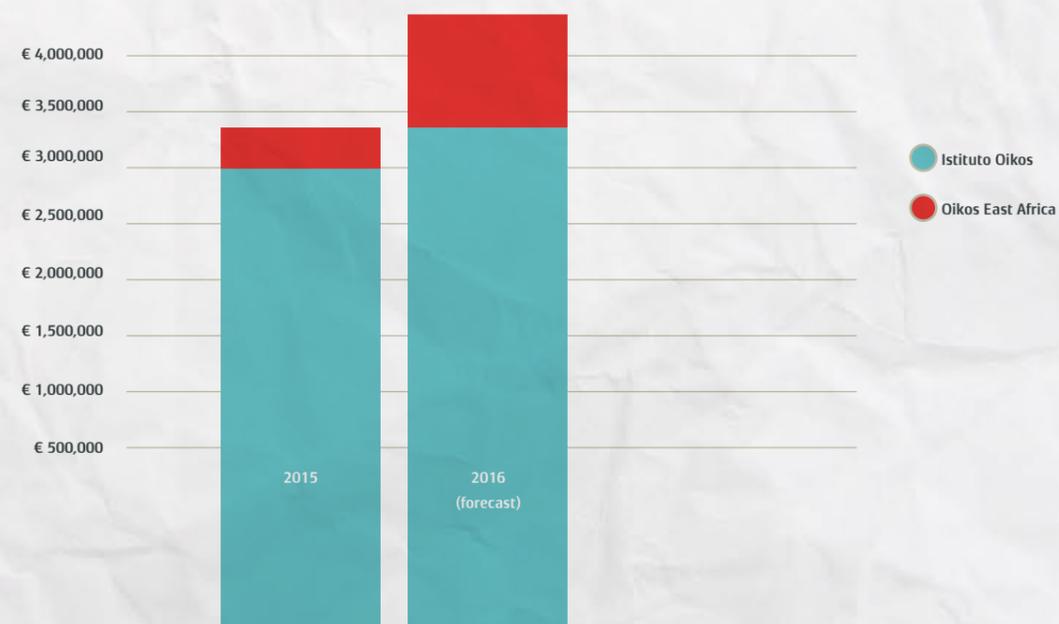
### The association's growing trend is also confirmed by the forecast of the years to come.

In 2015 there was a **net growth in public funds allocated by Italian public entities**, a result that is against the general trends of reduction in public spending support to development work. In 2015, there was a small increase in the amount of donations coming from **Foundations and private associations** while the contribution of private funds coming from individuals and companies remained inconspicuous.

The asset structure grows with the increase in activities on projects in Italy and around the world: proof of a prudent financial management approach and confirmation of a solid structure, with reference to both liquid assets and credits towards donors and partners.

As occurred in previous years, in 2015 the entire profits were destined to the **company assets**, reaching a value of **636,230 euros**, thus contributing to the increase in the organisation's asset soundness.

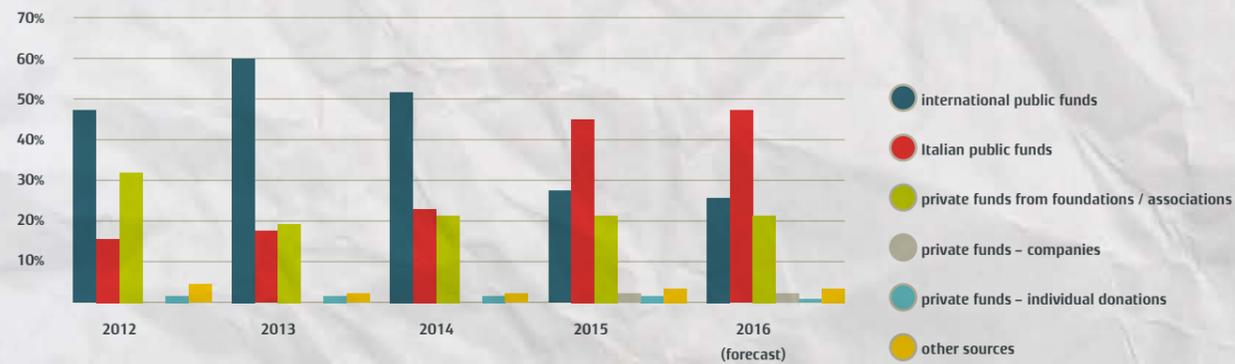
Since 2015, the financial statements of Istituto Oikos and of its affiliate Oikos East Africa, operating in Tanzania, have also been consolidated. Half way through 2015 **Oikos East Africa** launched important projects, with earning equal to **204,878 euros**; this generated a consolidated earning of the group of **3,446,422 euros** of revenue, with a growth forecast for 2016 of up to around 4 million euros.



### 3.1 | COSTS AND REVENUES

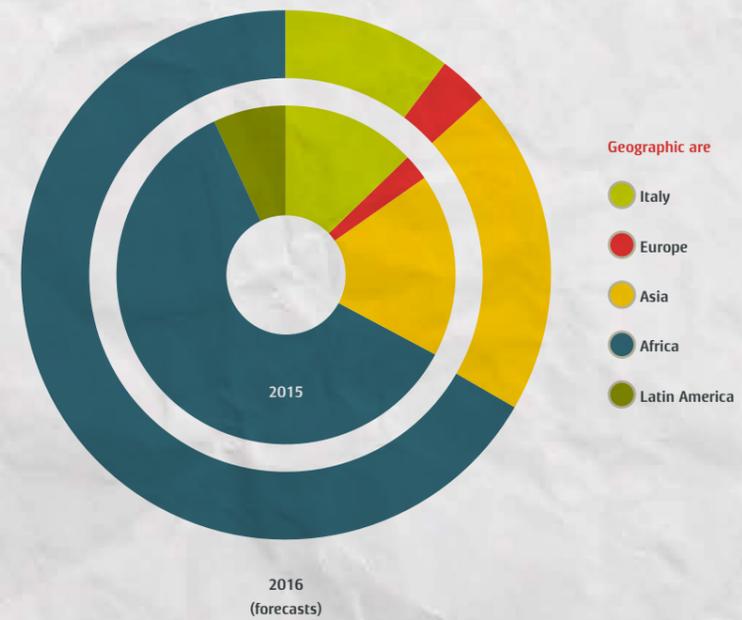
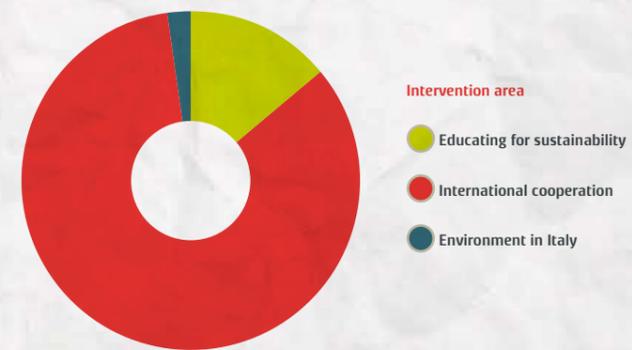


### 3.2 | REVENUES BY SOURCES OF FUNDING



### 3.3 | FUND USAGE 2015

The main area of intervention of Istituto Oikos is confirmed as **International Cooperation**, to which **84%** of funds are destined. The projects inherent to the **Education for Sustainability sector, in Italy and Europe**, absorb costs equal to **14%**, while the percentage dedicated to **Environment in Italy** sits at **2%**. These values are proportionally in line with those of the previous years.



### 3.4 | 2015 FINANCIAL STATEMENTS

ASSETS	2014	2015
<b>Fixed assets</b>		
Tangible fixed assets	€ 15,040.92	€ 14,627.00
Financial fixed assets (shares)	€ 75,000.00	€ 75,000.00
<b>Total fixed assets</b>	<b>€ 90,040.92</b>	<b>€ 89,627.00</b>
<b>Working capital</b>		
Receivables	€ 64,415.46	€ 33,198.09
Activities that do not constitute fixed assets	€ 6,802,496.21	€ 6,356,633.00
Liquid financial resources	€ 1,493,906.56	€ 2,448,603.00
<b>Total working capital</b>	<b>€ 8,360,818.23</b>	<b>€ 8,838,434.09</b>
Accrued income and prepaid expenses	€ 1,867.75	€ 2,407.00
<b>Total assets</b>	<b>€ 8,452,726.90</b>	<b>€ 8,930,468.09</b>

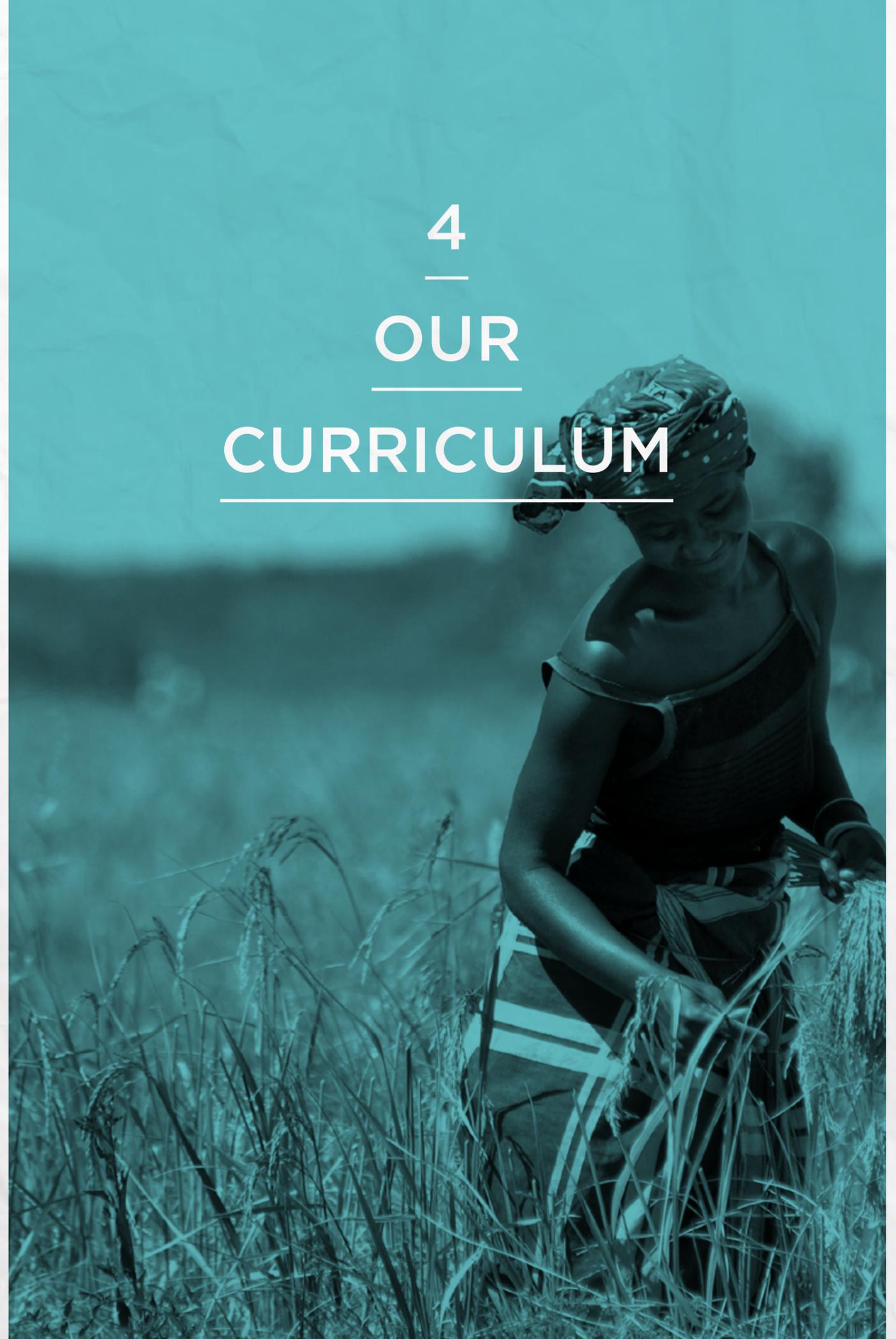
LIABILITIES	2014	2015
Reserves	€ 558,636.16	€ 636,234.00
Staff severance indemnity fund	€ 38,495.29	€ 47,646.00
Debits	€ 7,816,041.96	€ 8,197,743.00
Accrued expenses and deferred income	€ 39,553.47	€ 48,845.00
<b>Total liabilities</b>	<b>€ 8,452,726.88</b>	<b>€ 8,930,468.00</b>

STATEMENT	2014	2015
Revenue for institutional projects from Private Entities	€ 709,040.55	€ 879,536.93
Revenue for institutional project from Public Entities	€ 2,053,293.00	€ 2,253,625.58
Revenue from fund-raising from individuals	€ 19,461.00	€ 4,148.10
"5 per mille" Contributions	€ 11,211.45	€ 5,995.38
Other revenue	€ 42,673.00	€ 39,475.56
<b>Total institutional income</b>	<b>€ 2,835,679.00</b>	<b>€ 3,182,781.55</b>
Revenue from secondary activities	€ 7,372.00	€ 58,762.63
<b>Total income</b>	<b>€ 2,843,051.00</b>	<b>€ 3,241,544.18</b>

EXPENSES	2014	2015
Institutional activities expenses	€ 2,764,074.00	€ 3,061,439.00
Secondary activities expenses	€ 7,726.00	€ 60,324.00
Financial and asset expenses	€ 15,700.00	€ 13,946.00
Extraordinary expenses	€ 11,860.00	€ 20,706.00
Depreciations	€ 7,415.00	€ 7,536.30
<b>Total expenses</b>	<b>€ 2,806,775.00</b>	<b>€ 3,163,951.30</b>

Financial year surplus	€ 36,276.00	€ 77,594.00
<b>Balance</b>	<b>€ 2,843,051.00</b>	<b>€ 3,241,545.30</b>

# 4 — OUR — CURRICULUM



## THE MOST IMPORTANT PROJECTS MANAGED BY ISTITUTO OIKOS

PROJECT TITLE	COUNTRY	START	DURATION	MAIN DONORS	BUDGET
<b>INTERNATIONAL COOPERATION</b>					
<b>AFRICA</b>					
Analysis of migratory movements of large mammals and their interactions with human activities in the Tarangire area (Tanzania), as contribution to the definition of a sustainable development strategy	Tanzania	01/01/96	24	European Union	€ 151,787
Support to the conservation of natural resources in Tarangire National Park	Tanzania	01/01/99	24	USAID	€ 747,156
Biological Conservation and Sustainable Management of Mount Meru Natural System, Tanzania	Tanzania	01/01/00	36	European Union	€ 704,384
Forest resources management, training and development for local communities in the Mount Meru area	Tanzania	01/03/02	24	Lombardy Region	€ 153,957
Saving the amphibians in Madagascar	Madagascar	01/01/03	12	Nando Peretti Foundation	€ 27,000
Vocational training programme for the development of new local eco-tourism initiatives in Northern Tanzania	Tanzania	01/10/03	24	Lombardy Region / Cariplo Foundation	€ 296,290
Socio-economic development and environmental requalification of the pastoral Maasai areas of Mount Meru	Tanzania	01/01/05	12	Cariplo Foundation	€ 232,450
Participatory wildlife management	Tanzania	01/03/05	24	Lombardy Region	€ 610,000
Water project in the Uwiro village	Tanzania	01/01/06	12	Charity and Defence of Nature Trust	€ 159,000
Hodh El Chargui. Support to rural municipalities for the security of water management	Mauritania	25/01/06	36	European Union	€ 15,800
Women empowerment in the Mkuru Maasai community	Tanzania	01/03/06	12	Charity and Defence of Nature Trust	€ 73,400
Participatory management of the Nading'oro forest	Tanzania	01/04/06	12	Cariplo Foundation	€ 211,000
Pilote programmes for socio-economic development and environmental conservation to support the Maasai community of the Rift Valley	Tanzania, Kenya	02/05/06	24	Lombardy Region	€ 568,500
Water resources management and promotion of socio-economic development of rural communities in the Nharenanyuki and Oldonyo Sambu Wards	Tanzania	01/10/06	24	Charity and Defence of Nature Trust	€ 770,000
Strengthening of TELWA, Regional Federation of Cereal Banks Unions	Niger	01/02/07	30	European Union	€ 347,072
Maasai Women Art	Tanzania	01/03/07	12	Charity and Defence of Nature Trust	€ 174,634
Socio-economic development and environmental conservation in the Maasai areas of the Arumeru District	Tanzania	01/07/07	36	Italyn Ministry of Foreign Affairs	€ 1,577,788
BEST RAY Bringing Energy Service in Tanzania Rural Area	Tanzania	01/04/08	36	European Union	€ 1,500,000
Microenterprises for food security and environmental conservation in the Mount Meru area	Tanzania	01/04/08	12	Municipality of Milan	€ 321,000
Improve water accessibility in Mkuru, Engedeko, Lendoya, Lekumuni and Sinai sub villages, Ngarenanyuki and Oldonyosambu Wards	Tanzania	01/11/08	16	Charity and Defence of Nature Trust	€ 444,788
Strengthening human capital for food security and environmental conservation in the Mount Meru area	Tanzania	01/04/09	24	Lombardy Region	€ 670,000
S.O.S. Salute Solare – Renewable energies to improve child health in rural areas in Tanzania	Tanzania	27/07/09	12	Mediafriends Fabbrica del Sorriso	€ 143,943
Improved water accessibility in Kireeni, Qaloki sub villages and Ngabobo village, Oldonyosambu Ward	Tanzania	01/11/09	16	Charity and Defence of Nature Trust	€ 637,517

PROJECT TITLE	COUNTRY	START	DURATION	MAIN DONORS	BUDGET
Improvement of food security and nutritional status in Maasai steppes of northern Tanzania, by applying sustainable farming technologies	Tanzania	01/01/10	22	European Union	€ 1,675,900
Cultivating the future in schools – Renewable energies and education to increase food security and environmental conservation in the Mount Meru area	Tanzania	01/04/10	36	INTERVITA	€ 630,570
Malemeu/Nkoasenga Water Project, Leguruki Ward, Arumeru District, Tanzania	Tanzania	01/04/11	24	Charity and Defence of Nature Trust	€ 146,495
Improving Water and Sanitation access and Hygiene standards to achieve the MDGs in Arusha Region, Tanzania	Tanzania	01/04/11	48	European Union / Charity Defence of Nature Trust	€ 2,849,160
The Quirimbas treasure	Mozambique	01/05/11	12	Municipality of Milan	€ 294,500
Momella Water Project	Tanzania	01/06/11	18	Charity and Defence of Nature Trust	€ 100,000
Safe food, Save lives – food security and fight against malnutrition for school aged children in Arumeru District, in the Northern of Tanzania	Tanzania	01/07/11	18	Mediafriends Fabbrica del Sorriso	€ 500,000
MESULA Ltd – Mount Meru Sustainable Land: a social enterprise for quality production, food security and environmental conservation in the Mount Meru area	Tanzania	01/01/13	24	Lombardy Region / Cariplo Foundation	€ 419,200
Profissão turismo. Vocational training and educational programs to increase employability in the hotel and tourism sector in Cabo Delgado Province	Mozambique	01/02/13	48	European Union	€ 127,633
A fruit a day	Tanzania	01/01/14	24	private donors	€ 12,092
S.A.F.E. Gardens: Sustainable Actions For Edible Gardens	Tanzania	01/02/14	24	Municipality of Milan	€ 463,375
PHARO – Protection of coastal and marine habitats of Quirimbas National Park for food security and economic development	Mozambique	05/05/14	36	Italyn Ministry of Foreign Affairs	€ 3,398,000
Solar energy for Ngarenanyuki secondary school	Tanzania	01/06/14	10	Ekoenergy / Politecnico di Milano	€ 18,500
Natural resources conservation and economic development for fisheries coastal communities of Quirimbas National Park	Mozambique	01/07/14	24	Foudation Ensemble	€ 120,000
Bee Good! – Promotion of beekeeping practices among Mount Meru communities	Tanzania	15/07/14	12	Waldesian church	€ 50,765
Pemba Verde – From seed to plate	Tanzania	01/11/14	24	Cariplo Foundation	€ 600,720
Eco volunteers Mkuru Training Camp	Tanzania	01/01/15	12	private donors	€ 3,000
FORTUR – Vocational training and educational programs to increase employability in the hotel and tourism sector in Cabo Delgado Province	Mozambique	01/02/15	24	Italyn Ministry of Foreign Affairs	€ 545,379
Improving Access to Water Points for Livestock Holders from 7 villages of Simanjiro District	Tanzania	01/03/15	60	Iles de Paix (IDP)	€ 1,029,000
Solar Fund for Tanzanian Secondary Schools	Tanzania	03/03/15	9	Polish Aid	€ 66,787
Eco-boma: A climate resilient model for Maasai steppe pastoralist	Tanzania	01/04/15	48	European Union	€ 1,796,263
Investing in Maasai Women for improving rural community well being	Tanzania	01/04/15	48	European Union	€ 2,130,862
Endangered Ecosystem of Northen Tanzania	Tanzania	01/10/15	60	The Nature Conservancy	€ 756,653
Solar Utility for Off Grid Electricity Services	Tanzania	04/05/15	24	Energy and Environment Partnership (EEP)	€ 756,653

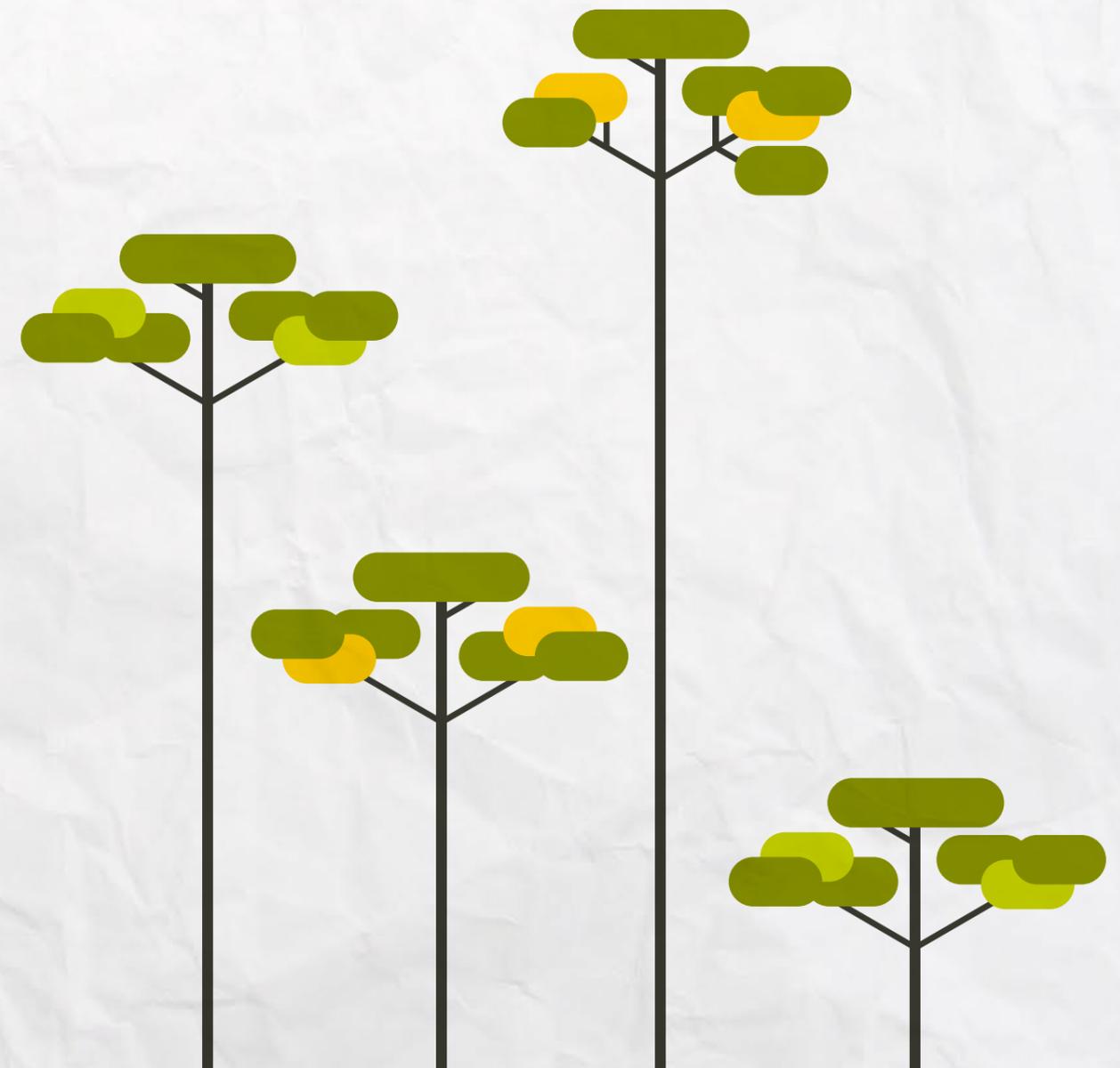
PROJECT TITLE	COUNTRY	START	DURATION	MAIN DONORS	BUDGET
<b>ASIA</b>					
Mergui Archipelago Biodiversity Research Programme	Myanmar	01/10/06	36	Stiftung Drittens Millennium	€ 120,000
Environmental conservation and socio-economic development for local communities in the Gobi desert	Mongolia, Cina	20/08/07	24	Lombardy Region	€ 334,200
Support to the development of the environmental tourism sector in the Chong Kemin Valley	Kyrgyzstan	01/01/08	24	Cariplo Foundation / Brescia Province	€ 203,886
Strengthening environmental NGOs in Burma / Myanmar	Myanmar	01/01/09	24	European Union	€ 470,000
Environmental conservation and socio-economic development for local communities in the Gobi Desert	Mongolia, Cina	01/07/09	15	Cariplo Foundation	€ 300,000
COSMO – Conservation and Sustainable Management of Lampi Marine National Park	Myanmar	01/09/09	36	Stiftung Drittens Millennium	€ 625,797
Enhancing the capabilities of Myanmar's civil society to safeguard biodiversity and sustainable development	Myanmar	01/02/10	24	Lombardy Region	€ 333,900
Improve knowledge and management of marine and forest resources in Southern Rakhine State (Myanmar)	Myanmar	01/04/10	36	European Union	€ 708,747
Fruit and vegetables gardens to improve food security in south Rakhine	Myanmar	01/10/11	24	Municipality of Milan	€ 519,830
Sustainable development in the Rakhine Region (Myanmar)	Myanmar	01/03/12	12	Italy Ministry of Foreign Affairs	€ 628,130
Participatory Land-Use Management and Ecotourism in Myeik archipelago	Myanmar	01/12/12	12	Italy Ministry of Foreign Affairs	€ 220,180
Participatory Land-Use Management and Ecotourism in Lampi Marine National Park (PLUME)	Myanmar	01/12/12	36	Stiftung Drittens Millennium	€ 124,250
Strengthening of Village Fisheries Societies (VFS) for co-management of fisheries in 20 villages in Bogale Township	Myanmar	15/12/13	10	Food and Agriculture Organisation (FAO)	€ 50,987
Natural resources management in Lampi Marine National Park, Myeik archipelago	Myanmar	01/04/14	12	Keidanren Nature Conservation Fund (KNCF)	€ 19,250
FISH RIGHTS – Supporting local communities for a sustainable fishing in Delta Region	Myanmar	01/05/14	12	Waldesian church	€ 84,370
COAST – Enforce local capacities for the Environmental Conservation and Tourism Development in the Myeik Archipelago	Myanmar	25/05/14	36	Italy Ministry of Foreign Affairs	€ 1,793,000
Supporting the population of Lampi Marine National Park in Myanmar to improve access to water and health and hygiene situation	Myanmar	01/01/15	12	Waldesian church	€ 139,000
Strengthening of Village Fisheries Societies (VFS) for co-management of fisheries in 20 villages in Bogale Township	Myanmar	01/04/15	12	Food and Agriculture Organisation (FAO)	€ 34,937
Natural resources management in Lampi Marine National Park, Myeik archipelago	Myanmar	01/04/15	12	Keidanren Nature Conservation Fund (KNCF)	€ 113,715
Women, Environment and Community forests for food security in Rakhine (DAFNE)	Myanmar	28/12/15	36	Italy Ministry of Foreign Affairs	€ 1,515,270
<b>SOUTH AMERICA</b>					
Income generation and Social Inclusion of young people through the creation of Working Youth Cooperatives in three regions in the State of Bahia	Brazil	01/01/08	36	European Union / Charity and Defence of Nature Trust	€ 396,000
Income generation and social inclusion of young people in Costa de Sauipe Region in Bahia	Brazil	01/09/08	24	Lombardy Region	€ 214,730
Vocational training and income generation for youth and women of the suburbs of Salvador (BA)	Brazil	01/01/13	36	European Union	€ 726,209
Vocational training for Africa descent women from outskirts of Salvador da Bahia (BA)	Brazil	01/04/13	36	Waldesian church	€ 239,367

PROJECT TITLE	COUNTRY	START	DURATION	MAIN DONORS	BUDGET
<b>ENVIRONMENT IN ITALY</b>					
White partridge ecology and management	Italy	1998	36	University of Milan	€ 71,271
Ungulate valorisation in the Brescia Province	Italy	1999	12	Brescia Province	€ 43,382
Wildlife management plan for the Bergamo Province	Italy	1999	24	Bergamo Province	€ 43,382
Actions for forests valorisation and management	Italy	2000	36	Lombardy Region	€ 196,254
Grouse conservation programme in the protected areas of the Lombardy Region	Italy	01/07/02	24	Orobic Valtellinesi Regional Park / Stelvio National Park	€ 42,763
Research on the red squirrel ecology in alpine environments	Italy	13/11/02	24	Orobic Valtellinesi Regional Park / Sondrio Province	€ 52,999
Royal eagle, white hare and ibex analysis and conservation project	Italy	20/05/03	36	Orobic Bergamasche Regional Park	€ 90,000
Deer study in the Stelvio National Park, Val di Sole	Italy	26/02/04	12	Stelvio National Park	€ 30,000
LIFE Natura 2004-2007. Environmental requalification of the Valvestino – Corno della Marogna area	Italy	20/06/04	48	ERSAF – Lombardia Region	€ 39,165
Environmental and wildlife requalification of the Val Grigna forest	Italy	18/01/05	12	ERSAF – Lombardia Region	€ 48,000
White hare research project in the Province of Sondrio	Italy	08/03/05	36	Sondrio Province / Stelvio National Park	€ 175,000
Deer management and conservation in the Stelvio National Park	Italy	01/01/07	12	Stelvio National Park	€ 30,000
Environmental analysis to evaluate the impact of a highway at Ospitaletto/Montichiari	Italy	01/05/07	12	Autostrade Centopadane	€ 20,133
Management plan of the Forni Glacier and Valley protected areas in the Val Cedec, Gran Zebrù and Cevedale area	Italy	01/04/08	24	Stelvio National Park	€ 38,000
Conservation and management of the Natura 2000 Network in the Alto Garda Park	Italy	01/06/08	48	Alto Garda Bresciano Park	€ 79,860
Ibex Project	Italy	30/06/08	36	Sondrio Province / Bergamo Province	€ 60,000
Management plan in the Pavia Province	Italy	26/08/09	15	Pavia Province	€ 116,000
Analysis of the Valle Ossola protected areas	Italy	01/10/10	12	VCO Province	€ 100,350
Analysis for the creation of PLIS in the Grigna Park and Orobic Valtellinesi and Bergamasche Parks area	Italy	01/10/11	18	CM Valsassina	€ 35,996
Preparation of the management plan of the natural reserve "Cascina Isola"	Italy	08/01/14	12	Pavia Province	€ 13,500
Wet Bridge – A "water bridge" to connect wetlands	Italy	01/09/14	48	Cariplo Foundation	€ 854,413
RESTARE – Creating RESToration AREAs in PLIS dei Mughetti *	Italy	01/03/15	36	Cariplo Foundation	€ 5,000

\* Projects where Istituto Oikos is a partner. The amount concerns the part of the main donor's contribution directly managed by Oikos.

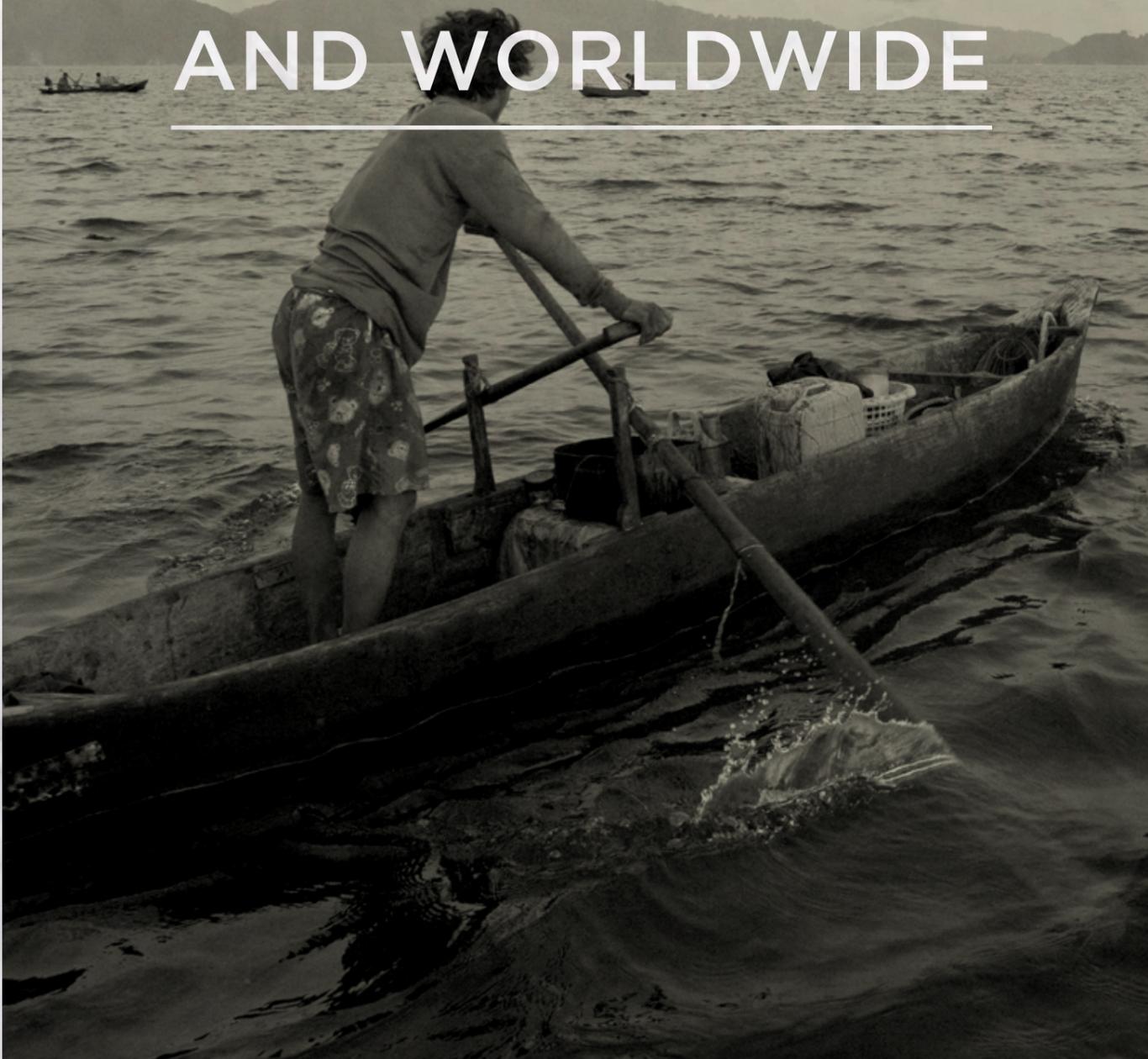
PROJECT TITLE	COUNTRY	START	DURATION	MAIN DONORS	BUDGET
<b>EDUCATION</b>					
Walking together for a sustainable future	Italy and Tanzania	25/06/04	12	Cariplo Foundation	€ 67,500
Water is precious, save it	Italy	01/09/04	20	Cariplo Foundation / Varese Province	€ 384,445
Waste, an environmental resource	Italy	01/01/07	20	Cariplo Foundation / Varese Province	€ 185,004
I, Maasai, I am losing my land	Italy and Tanzania	01/01/09	12	Italy Ministry of Foreign Affairs	€ 409,540
ENERGY FOR LIFE, Development Education Campaign on the critical role of Renewable Energies for Poverty Reduction and Sustainable Development	Italy and 7 countries	01/04/09	36	European Union	€ 919,344
Exchanging we learn	Italy and Tanzania	01/09/09	12	Municipality of Milan	€ 45,650
Energy for Life: Development of an education campaign about the important role of renewable energy for poverty reduction and sustainable development	Italy	01/11/09	24	Cariplo Foundation / Varese, Pavia, Como Provinces	€ 224,740
Ação Turismo – Social integration and employment of young Brazilians in Italy and Brazil	Italy	01/11/10	12	Municipality of Milan	€ 107,710
Rifiuttilinsubrici	Italy and Switzerland	15/11/10	36	Varese Province / European Union	€ 200,000
Seeds of sustainability	Italy	01/03/11	12	Cariplo Foundation / Varese Province	€ 150,928
Time to Seed – A Global Action to support the critical role of Sustainable Agriculture to ensure food security and environmental protection	Italy and 7 countries	01/05/11	36	European Union	€ 931,146
Rice according to nature: rural development and social integration of Burkinabé community between Italy and Burkina Faso	Italy and Burkina Faso	01/08/12	24	Municipality of Milan	€ 128,400
The energy of the city: reducing energy consumption in public residential building and dissemination of good practices at local level	Italy	01/11/12	24	Cariplo Foundation	€ 152,600
Riconsumiamoci: Community preventive actions for a new re-consumerism	Italy	01/11/13	18	Cariplo Foundation	€ 164,660
Change the Climate! Active citizenship practices to promote responsible lifestyles	Italy	01/02/14	12	Italy Ministry of Foreign Affairs	€ 367,081
Wame - World Access to Modern Energy	Italy	01/02/14	12	AEM Foundation	€ 38,350
Wame & Expo 2015 – World Access to Modern Energy	Italy	01/02/14	12	AEM Foundation	€ 11,650
Seeding the future: new learning and new knowledge for food sovereignty	Italy	06/02/14	24	Colomba / Municipality of Milan	€ 333,300
Clean cities, sustainable agriculture and food security in the Trifinio area *	Italy	06/05/14	18	Oxfam / Municipality of Milan	€ 6,000
Training and planning for effective sustainable development projects	Italy	25/09/14	15	Cariplo Foundation	€ 28,910
Change the Climate! Active citizenship practices to promote responsible lifestyles	Italy	01/01/15	12	Holcim	€ 10,000
S.A.M.E. World – Sustainability Awareness Mobilization Environment in the global education for EYD2015 *	Europe	12/01/15	36	European Union	€ 359,771
Non solo lago. Resilience strategies for tourism and environment enhancement of the mountain territory of Alto Lario	Italy	01/02/15	20	Cariplo Foundation	€ 166,700

\* Projects where Istituto Oikos is a partner. The amount concerns the part of the main donor's contribution directly managed by Oikos.



# 5

# OIKOS NETWORK IN ITALY AND WORLDWIDE



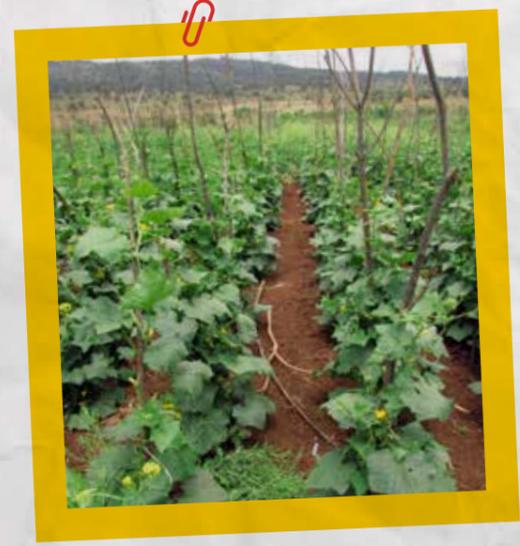
## 5.1 | 2015 DONORS

**INTERNATIONAL ORGANISATIONS:** EuropeAid, Food and Agriculture Organization – FAO, Polish Aid, World Bank Group.

**PUBLIC ENTITIES:** Administração Nacional das Áreas de Conservação – ANAC (Mozambique), Municipality of Milan, Valsassina Mountain Community, ERSAF Lombardy, Italian Ministry of Foreign Affairs and International Cooperation (MAECI), Lombardy Region, Pavia Province, Varese Province, Verbano-Cusio-Ossola Province.

**PRIVATE FUNDS – FOUNDATIONS AND ASSOCIATIONS:** CESE (Brazil), Charity and Defence of Nature Trust, Waldensian Evangelical Church, CoLomba – Cooperazione Lombardia, CNB (Brazil), Ekoenergy (Finland), Energy and Environment Partnership – EEP (Finland), AEM Foundation, Cariplo Foundation, Ensemble Foundation (France), Iles de Paix (Belgium), Keidanren Nature Conservation Fund (Japan), Oxfam Italy, Politecnico di Milano, Stiftung Drittes Millennium (Switzerland), The Nature Conservancy (US).

**PRIVATE ENTITIES – COMPANIES:** Alphabet srl, Apsovsementi spa, CIBAS, Concessionaria Bahia Norte (Brasil), Early Morning, Edilnoleggi Valente srl, Edizioni Condè Nast spa, Fratelli Ingegneri spa, Holcim Italia spa, Media Arts, Mu.Bre Costruzioni srl, Planhotel/Mecufi beach, Tractebel Engineering SA (France).



## 5.2 | PARTNERS

### ITALY

**PUBLIC ENTITIES:** Area Council 3, Adamello Brenta Natural Park, Milan Catholic University, Mughetti Local Park (PLIS), Municipality of Albizzate, Municipality of Albosaggia, Municipality of Cassano Magnago, Municipality of Gravedona ed Uniti, Municipality of Milan, Municipality of Origgio, Politecnico di Milano, Rile Tenore Olona Local Park (PLIS), Stelvio National Park, Ticino Valley Lombardy Park, University of Insubria, University of Milan, University of Milan Bicocca, University of Sassari, Valli del Lario e del Ceresio Mountain Community, Valli del Luinese Mountain Community, Varese Economic Solidarity District (DES-VA), Varese Province.

**ASSOCIATIONS AND PRIVATE COMPANIES:** Altrementi, Anolf Lecco, Architetti senza frontiere, Associazione Italiana Agricoltura Biologica (AIAB, Italian Association for Organic Agriculture), Associazione Produttori di Energia da Fonti Rinnovabili (APER, Association of Producers of Energy from Renewable Sources), Casa delle Agricolture di Castiglione, Casargo hospitality management college, CAST, CEVI, C.I.E.S. Onlus, CoLOMBA – Cooperazione Lombardia, Fratelli Ingegneri, FORCOM, Gruppo di Volontariato Civile (GVC, Civil Voluntary Service Group), Ingegneria senza frontiere, Italian Climate Network, Legambiente Innovazione Foundation, Mirage Burkina, Muindi Semi di Sorriso Onlus, Nostrale, OPES Foundation, Oxfam Italia, Serbelloni Foundation, Pithekos, Rivista della Natura, WWF Italia.

### EUROPE

**ASSOCIATIONS AND PRIVATE COMPANIES:** APS (Portugal), Arche Nova (Germany), Artemisziò Foundation (Hungary), Azienda Cantonale dei Rifiuti – ACR (Switzerland), BGRF (Bulgaria), CEPS (Spain), CTI (Greece), Fundación IBO (Spain), Humanitas (Slovenia), Institute of Global Responsibility – IGO (Poland), Oikos Cooperação e Desenvolvimento (Portugal), Pastoral and Environmental Network in the Horn of Africa – PENHA (Great Britain), PEIPSI (Estonia), SCCD (Slovakia).

### MOZAMBIQUE

**PUBLIC ENTITIES:** Administração do Ibo, Administração Nacional das Áreas de Conservação – ANAC, Instituto Industrial e Comercial de Pemba – IICP, Instituto Nacional de Desenvolvimento da Pesca de Pequena Escala – IDDPE, Ministério da terra, ambiente e desenvolvimento rural – MITADER, Quirimbas National Park, Serviço Distrital de Actividades económicas de Metuge – SDAE.

**ASSOCIATIONS AND PRIVATE COMPANIES:** AMA, ECO Moçambique, Fundación IBO, KULIMA, Universidade Católica de Moçambique – Faculdade de Gestão de Turismo e Informática – UCM Pemba.

### TANZANIA

**PUBLIC ENTITIES:** Arusha District Council, Arusha Municipality, Arusha Region, Arusha Technical College (ATC), Centre for Agricultural Mechanisation and Rural Technology (CAMARTEC), Dar es Saalam University, Longido District Council, Meru District Council, Ministry of Water, Monduli District Council, Sokoine University of Agriculture, Tanzania Cultural Tourism Programme, Tanzania Fisheries Research Institute, Tanzania National Parks (TANAPA), Tanzania National Resource Forum, Tropical Pesticides Research Institute (TPRI), Tanzania Food and Nutrition Centre (TFNC), Tanzania Wildlife Research Institute (TAWIRI), The Nelson Mandela African Institute of Science and Technology (NM-AIST).

**ASSOCIATIONS AND PRIVATE COMPANIES:** AF Alliance Française, Belgian Fund for Food Security – BFPS, Camel Safari Camp, Faida MaLi, Foundation Article 25, GCCA Global Climate Change Alliance, Global Service Corps – GSC Tanzania, Honeyguide Foundation, Iles des Paix – IDP, Maasai Pastoralist Foundation – MPF, Makilenga Water Consumer Association, Mali Hai clubs, Marketplace Literacy Community Trust – MLCT, Meru Sustainable Land – MESULA Ltd, Mkuru Training Centre, Ngarenanyuki Community Energy Resource Center, Oikos East Africa, Oldonyosambu Community Energy Resource Center, Postharvest Education Foundation – PHEF, Responsible Tourism Tanzania, Tanzania Horticultural Association – TAHA, Tanzania Maasai Women Art, Tanzania Organic Agriculture Movement – TOAM, The Nature Conservancy, TRIAS, Ujamaa Community, Resource Team – UCRT, Water Service Facility Trust – WSFT, Wildlife Conservation Society, World Vegetable Centre – AVRDC.

### MYANMAR

**PUBLIC ENTITIES:** Department of Fishery, Ministry of Hotel and Tourism – MOHT, Ministry of Natural Resources and Environmental Conservation – MONREC, Universities of Yangon.

**ASSOCIATIONS AND PRIVATE COMPANIES:** Association for International Solidarity in Asia – ASIA, Biodiversity and Nature Conservation Association – BANCA, Food Science and Technology Association – FoSTA, Gender and Development Institute – GDI, International Union for the Conservation of Nature – IUCN, Marine Science Association Myanmar – MSAM, Rakhine Coastal Region Conservation Association – RCA, Rural Development Service – TWA, The Center for People and Forests – RECOFTC, Wildlife Conservation Society – WCS.

### OTHER COUNTRIES

Colibris Mixed Cooperative (Brazil), Neighbours Initiative Alliance (Kenya).

# 6

## OIKOS AND YOU



### 6.1 | COLLABORATIONS WITH COMPANIES

The companies that collaborate with us in Italy and abroad are on the frontline in promoting long lasting change.



2015 saw the consolidation of the collaboration between Istituto Oikos and Holcim Italy, Italian Group Company of LafargeHolcim Ltd, with a long-standing involvement in **promoting sustainable practices along the entire value chain**, with suppliers and customers.

After two years of partnership for *Change the Climate*, an awareness raising and education campaign on climate change, Holcim now supports *Wet-Bridge*, an initiative aimed at protecting biodiversity in the Varese Province.

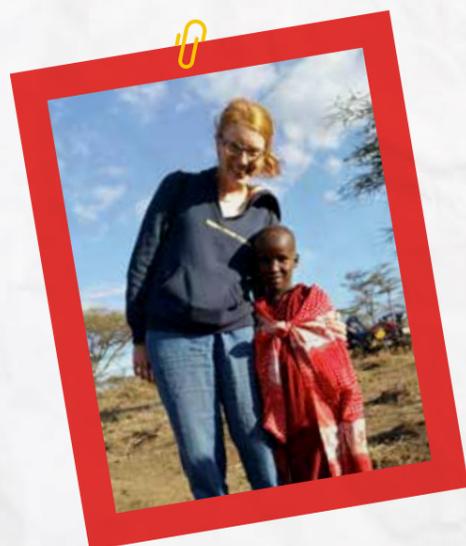


This year, the digital strategy company EarlyMorning adopted a school in Tanzania, the D'Alzon Secondary School in Arusha, **providing it with clean energy**: thanks to the donation, 250 girls between 11 and 17 years old can now count on a sustainable and reliable energy source.

## 6.2 | VOLUNTARY SERVICE CAMPS

Anybody who cares for protecting biodiversity, for environmental sustainability, equitable development, the strengthening of the most vulnerable groups can become an Oikos eco-volunteer and go to the **Mkuru Training Camp** ([www.mkurutrainingcamp.org](http://www.mkurutrainingcamp.org)), a tented camp with low environmental impact managed in close collaboration with the Maasai community of Mkuru (North Tanzania).

The camps that Istituto Oikos regularly organises in Tanzania in collaboration with **Year Out** ([www.yearout.it](http://www.yearout.it)) are a unique chance to live an unforgettable experience in the African Savannah and, at the same time, contribute to ensure a better and more sustainable future to the local populations.



“

It all started a bit by chance; partly due to being fed up with life in Milan, and partly driven by curiosity to discover something new.

Already from the plane, everything appears infinitely bigger and vaster. The richness of colours, but especially strong contrasts such as the blue from the sky and the green of the woods on the Meru, the bright colours of Masai blankets and the dull colours of dry earth that lead you to finally say: “oh... I am in Africa!”

Everything is comfortable at the Mkuru Training Camp. You sleep in beds, you can take a shower every day with a 20 litre bucket and a spray attached below. Cooks Samweli and Stephin and “waitress” Sarah give you all the food you need. Breakfast is amazing, you get a packed lunch and after dinner you go to bed with a full belly... Jacobo, the Mkuru reference person, is always in a good mood and gives you a good dose of joy and light-heartedness to start the day.

When you get to the schools, you are greeted by a swarm of children shouting “mzunguuuuuu”, white man. The vegetable gardens are Oikos’s greatest challenge: teaching how to grow plants in sustainable ways in order to have your own fruit trees outside the class, ensuring a nutritious supplement to the children’s daily diet. It is fascinating to see how everybody, teachers included, first listen and then all set to work together to show you they have understood. It seems to you as if, in addition to having understood how it is done, they have also understood the importance of what you have explained them.

I could tell many other things, but some of the things I have experienced are best discovered rather than read. A month is not enough to understand African nature, but it is enough to understand that there is something there that is extremely important and is able to give you emotions and experiences that very few other places in the world can give you through their culture.

And then you find yourself at the end of your short experience, hoping that one day you will hear someone saying to you “karibu tena Tanzania, rafiki!” (Welcome back to Tanzania, friend!).

— From Ambrogio’s diary, Oikos’s volunteer.



7

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2016

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**OBJECTIVES**

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## Biodiversity conservation, protection of ecological, agricultural and food systems and the fight against climate change will be the core of Oikos's efforts in 2016.

### A THOUGHTFUL CHOICE

- » *Planetary boundaries: guiding human development on a changing planet*, a report of the Stockholm Resilience Centre identifies “**planetary boundaries**” that must not be crossed in order not to trigger **irreversible environmental transformations** and highlights four areas (climate change, loss of biosphere integrity, transformations in soil use and alteration of bio-geochemical cycles), where the “boundaries” have already been crossed.
- » According to the Internal Displacement Monitoring Center, in 2014 **19 million people have left their land due to environmental disasters and degradation affecting their land**. In Syria, between 2006 and 2010, an unprecedented drought has forced a million and a half people to leave their home, exacerbating the tragedy that was already taking place.
- » Ecological, agricultural and food systems will have to feed 9 or 10 billion people in 2050 and are responsible for 33% of annual greenhouse gas emissions around the world; however, to this day they are still inadequately understood and badly managed. These are alarms on uncomfortable issues with a high level of conflict, to which everyone is called to respond.

### PROJECTS AND PROGRAMS

- » We will continue the programs for the protection of the Meru-Kilimanjaro System (Tanzania), of the Lampi Marine Park and of the Rakhine forests (Myanmar), of the Quirimbas Park (Mozambique) to ensure that these areas continue to provide the **ecosystem services** essential for the health of the populations that inhabit them.
- » Our **team of zoologists** will be involved in a collaboration between Italy and Turkey for the management of the brown bear (*Ursus arctos*); in a conservation project of the Malaysian bear (Sun bear – *Helarctos malayanus*) in Myanmar and in the feasibility study for the reintroduction of the Nubian Ibex (*Capra nubiana*) in Lebanon.
- » We will continue interventions to re-establish the “**Ecological Connections**” network in pilot areas in Lombardy.
- » We will continue promoting small sustainable **family-run agriculture** in Tanzania, Myanmar and Mozambique. We will give further impetus to the social enterprises Pemba Verde (Mozambique), Mesula and Them Living Garden (Tanzania).

- » We will put at the centre of our attention women and young people, favouring training opportunities to encourage small businesses (crafts, tourism services, agriculture and food production chain)
- » We will promote change through awareness raising campaigns in the north and south of the world.

### INTERNAL ORGANISATION

- » We will prioritise the promotion of human capital. We will promote internal training, professional growth assessment, care for the workplace and for relationships.
- » We will examine the internal organisation to get in line with the new needs and we will complete the internal processes (conduct code, safety plans, procedure manuals).
- » We will keep promoting internal discussion and the active participation of all resources.

### DIFFERENTIATION OF INCOME SOURCES

- » We will apply to tenders for the provision of services, also as a tool to promote our in-house technical expertise.
- » We will promote the collaboration with companies by creating joint projects that valorise the respective expertise.
- » We will encourage citizen participation also through voluntary work experiences in Italy and abroad.

**To conclude, we will do everything we can to preserve the passion for conservation and sustainable development.**

**With a clear understanding that, especially on these themes, we are all developing countries. We also retain an ounce of ambition: earn the title of good ancestors amongst our future grandchildren.**

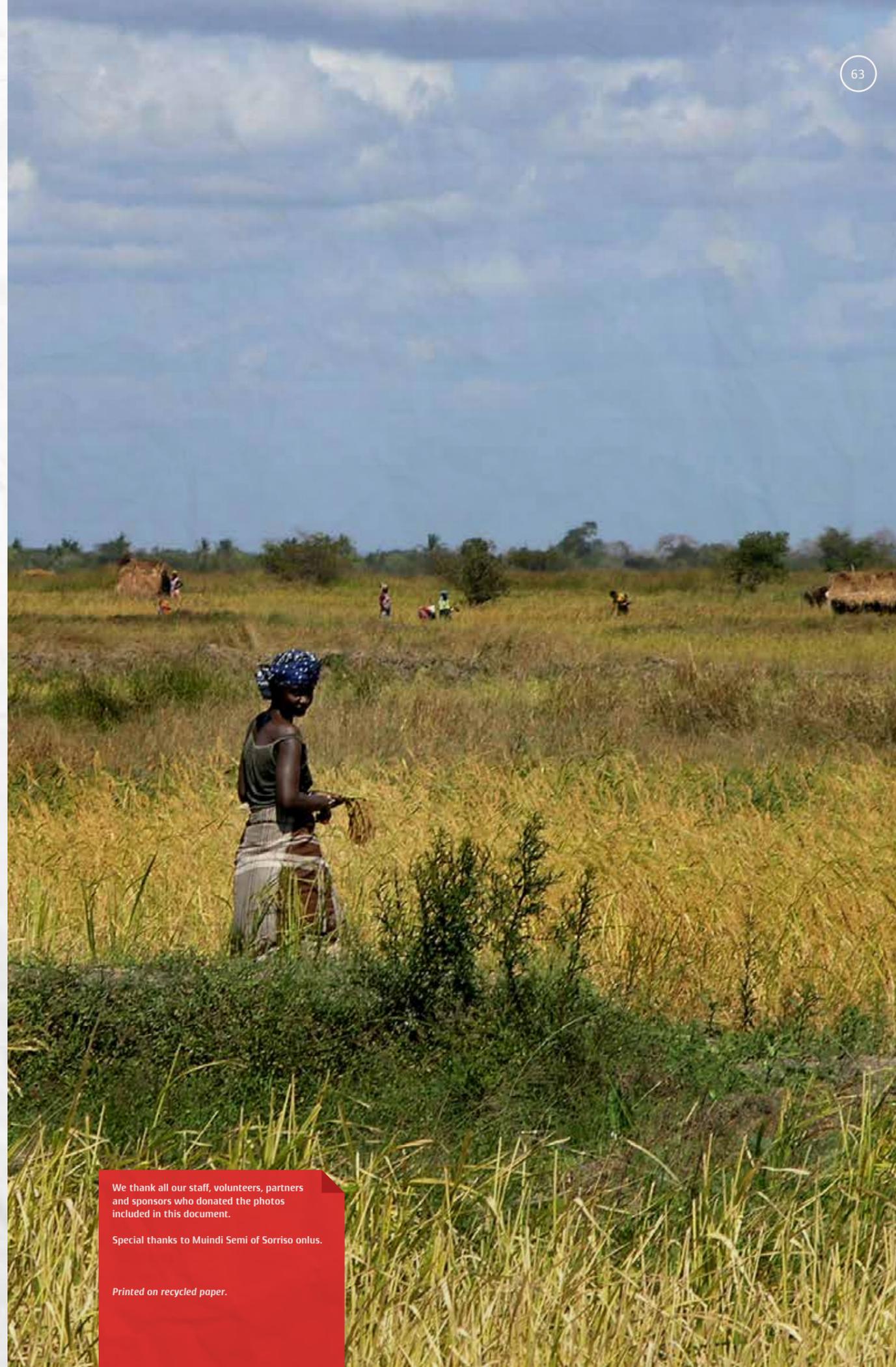
## DONATIONS

### BANK ACCOUNT:

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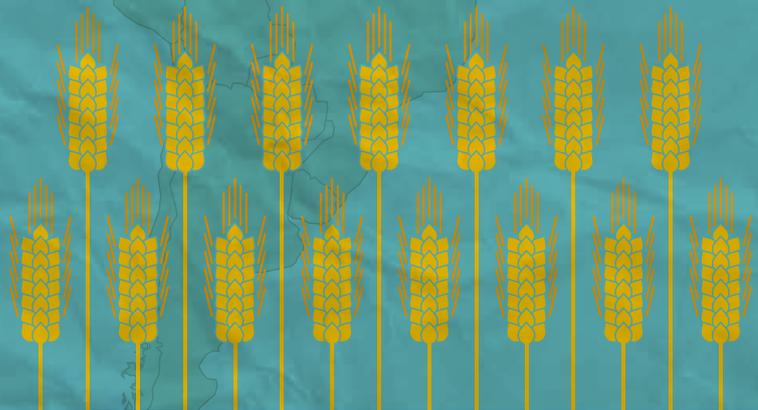
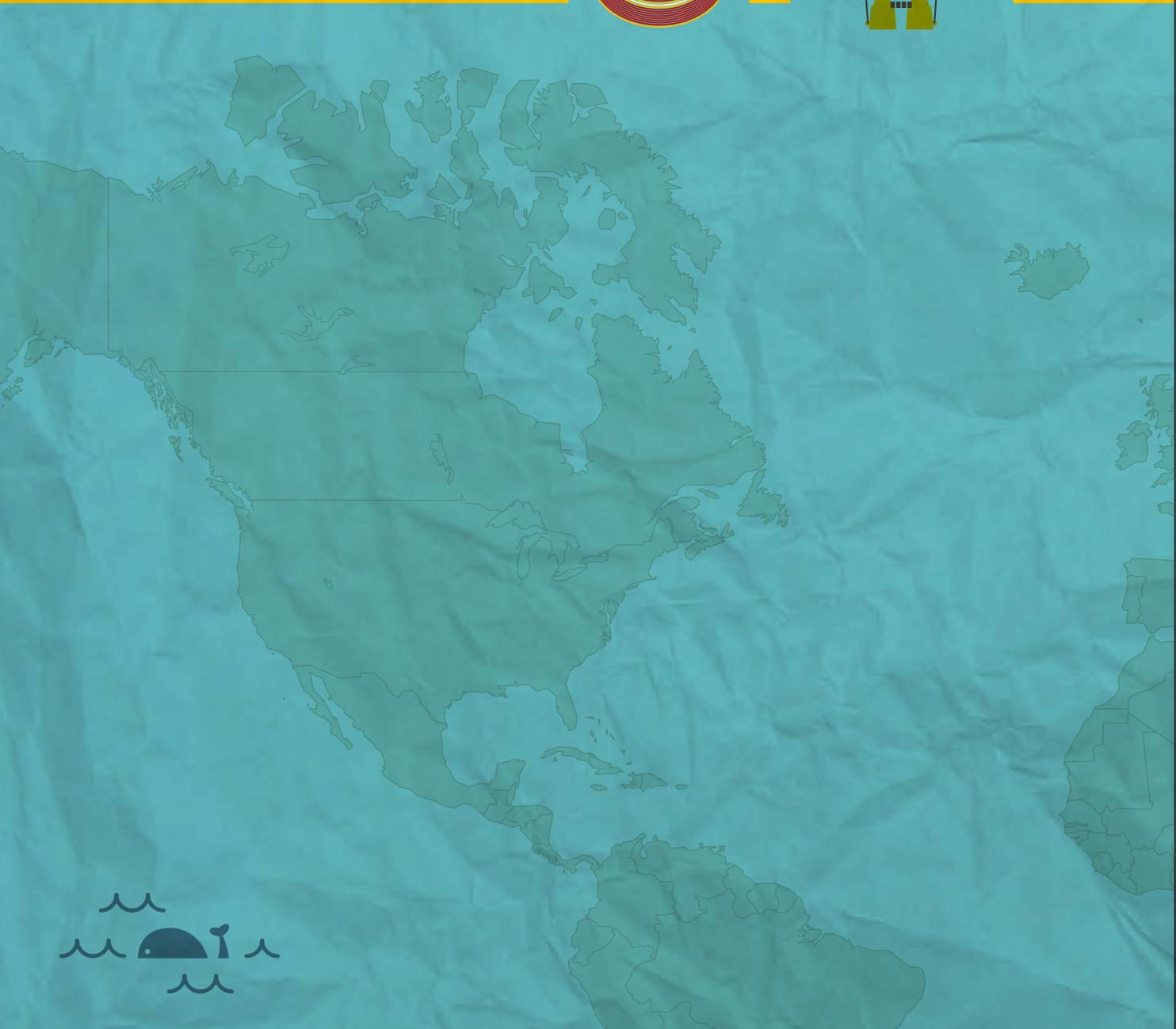
Donations made to the Istituto Oikos are amenable to tax deduction.



We thank all our staff, volunteers, partners and sponsors who donated the photos included in this document.

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