



## Newsletter 2/2019 – April-September

Dear friends of Boky Mamiko,


The past six months were very busy with the preparation of the summer volunteer teaching program and many other activities. With this newsletter, we are happy to update you about Boky Mamiko's recent progresses and events.

The most exciting news is that Boky Mamiko has been officially recognized as non-profit organization by the Zurich Cantonal Tax Office in May 2019. This has the important implication that donations to Boky Mamiko are tax deductible.

Many other exciting happenings took place during the summer volunteer teaching program in Djangoa, including the first-ever school trip of the Mamiko school to the Lokobe Nature Reserve.

We hope you enjoy reading this newsletter and would like to thank you for your continued support and interest in Boky Mamiko!

Warm Regards,

  
Rossana Galli  
Boky Mamiko Founding member

  
Felicia Sexsmith  
Boky Mamiko Educational Director

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**GOAL 1:      QUALITY EDUCATION**  
**ACTION 1:    TEACHER'S TRAINING**  
**DATE:          APRIL 2019**

As announced in our previous newsletter, an experienced teacher of the Lycée Français of Zurich, Ms. Céline Trimaille, visited the Mamiko school in April.

Ms. Trimaille spent a week working with the kindergarten and early primary teachers, introducing them to modern ways of teaching to stimulate active early learning opportunities. With this aim, Ms. Trimaille prepared several educational games, based on very simple and recycled materials, which she presented to the teachers through a series of hands-on workshops. The director and all the teachers of the Mamiko school participated with great interest and enthusiasm.

We cannot find the words to thank enough Ms. Trimaille for her concrete and effective contribution to improving the quality of education at the Mamiko school!



The educational games and tips of Ms. Trimaille were enthusiastically received by the teachers

**GOAL 1: QUALITY EDUCATION**  
**ACTION 2: VOLUNTEER TEACHING SUMMER PROGRAM**  
**DATE: JULY-SEPTEMBER 2019**

After months of preparation, on July 2<sup>nd</sup> four eager Swiss university students (Marie Arnold, Michael Müller, Ona Pierce, and Sarah Steinegger) left for Madagascar, where they spent about two months as teaching volunteers at the Mamiko school in Djangoa. They came back (alive and kicking ☺) to Switzerland on September 11<sup>th</sup>.

The teaching volunteers focused on different subjects, spanning from French to English, Environmental Science and Geography, teaching in primary and secondary grades, as well as collaborating with our local librarian Storya in various playful learning activities. You can read their blog to know more about their experience as teaching volunteers:  
<https://www.bokymamiko.com/blog>.

One of the greatest hits of the program was the introduction of Ecobricks to the students and teachers of the Mamiko school. Ecobricks (<https://www.ecobricks.org>) are a way of recycling plastic, by filling a plastic bottle with plastic waste until it becomes as hard as a brick. Ecobricks can then be used to create furniture (like a stool) or even as building blocks. It is a great way of avoiding plastic waste being dispersed in the environment in locations like Djangoa, where there is no waste collection public service (as in most Madagascar).

We are immensely grateful to the volunteers, who donated their time to Boky Mamiko and worked tirelessly the whole summer teaching with enthusiasm and passion.

A warm thank you also to Neos Airlines, which kindly donated the flight tickets to our volunteers, like last year.



The 2019 Boky Mamiko  
teaching volunteer team



Eco-bricking at the Mamiko school

**GOAL 1: QUALITY EDUCATION**  
**ACTION 3: SCHOLARSHIPS**  
**DATE: JULY 2019**

## Boky Mamiko Bursary Recipient Successfully Completes Her First Academic Year

The recipient of 2018 Boky Mamiko's bursary, Ms. Lucia Nenisoa, has successfully completed her first academic year of studies at the Institut Supérieur Pédagogique d'Antananarivo (I.S.P.A.) in Antananarivo.

Ms. Lucia Nenisoa, a young woman from Djangoa, was awarded by Boky Mamiko the bursary to attend a three years Teacher Education academic training program. After completing her education, Ms. Nenisoa committed to work as a teacher at the Mamiko school.

In her second year of studies, Ms. Nenisoa will specialize in Maths and Science, as she wishes to become a math teacher.

We congratulate Lucia for her achievements and would like to thank by heart the donors who are kindly supporting Lucia's studies.

**RELEVÉ DE NOTES**

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Vu la Constitution  
 Vu l'Arrêté n° 4805/2005/MEDRS du 13 Juin 2005, portant autorisation d'ouverture d'un établissement d'Enseignement Supérieur Privé,  
 Vu l'Arrêté n° 1172/2012-MEDRS du 5 décembre 2012, Mobilisation Mention Scientifique,  
 Vu l'Arrêté n° 23.340/2012-CNEAT du 28 août 2012, Equivalence de Diplôme de Licence Professionnelle et Sciences de

Année Universitaire : 2018-2019      N° d'inscription : 967/18-21/82  
 Domaine : Sciences de l'Éducation      Mention : Scientifique  
 Grade : L1

Nom et Prénom: NENISOA Marie Lucia  
 Naissance : 17 avril 1999 à Djangoa/Ambanja

Unités d'Enseignement - Éléments constitutifs	ECTS	Évaluation note/20	Évaluation note/20	Examen note/20
Physique Chimie : Chimie organique	2			14
Physique Chimie : Chimie minérale	2		13	13
Physique Chimie : Physique atomistique	2		14	7
Mathématiques générale : Fonctions trigonométriques	2			12
Mathématiques générale : Analyse et nombres complexes	2			12
Mathématiques générale : Trigonométrie	2			13
Géologie II : Pétrographie	3		12,5	13
Géologie II : Pédologie	2		11,5	10
Paléontologie générale : Paléontologie	2		12,25	11
Biologie et écologie	2	14		15,5
Français : Langue vivante	2	12		10,5
Français : Perfectionnement linguistique	2	12		7,5
Technique de l'Éducation : Pédagogie générale	2	13		15,5
Technique de l'Éducation : R-TIC	2			13,00

La Directrice de l'I.S.P.A.      19 JUIN 2019


 Directeur

Soeur RAZANAVAO Noëline

N.B: Aucun duplicata ne sera délivré

Ms. Nenisoa's spring semester 2019 university transcript



**GOAL 2: ENVIRONMENT PROTECTION**  
**ACTION 1: ENVIRONMENTAL EDUCATION PROGRAM**  
**DATE: September, 4<sup>th</sup> 2019**

### **School trip to the Lokobe Nature Reserve**

Probably the most exciting event of this semester was the first-ever Mamiko school trip to the Lokobe Nature Reserve in the nearby island of Nosy Be. As part of our environmental education program, we organized this school trip to let the students see with their own eyes the wonderful nature that surrounds them, and learn about it. The Lokobe Strict Reserve is a nature reserve located on Nosy Be, an island off the coast of Madagascar, about three hours away from Djangoa. This rainforest is known for its black lemurs, the panther chameleon, and many other endemic species of Madagascar.

Thirty very excited children and four accompanying adults took part to this event. For many children, it was the first time to go on a boat trip! All children listened to the guides with attention, loved meeting the curious lemurs and even a sleeping boa, and went back home bright-eyed.

We would like to thank the local excursion agency Green Adventures for kindly offering, through their guides, this tremendous learning opportunity to the Mamiko students.

This was the first-ever school trip for the Mamiko school, and it will certainly not be the last one!



**GOAL 2: ENVIRONMENT PROTECTION**  
**ACTION 2: ENERGY EFFICIENT COOKERS**  
**DATE: JUNE 2019**

### **Promoting environmental protection through the adoption of energy efficient cookers**

As announced in our previous newsletter, we established a collaboration with the Zurich-based NGO ADES (<http://www.adesolaire.org>), which visited the Mamiko school in March to sensitize the students, teachers and parents to the protection of the environment.

As a continuation of this project, Boky Mamiko decided to promote the adoption of the energy efficient cookers produced in Madagascar by ADES. These cookers reduce by up to 65% the consumption of charcoal, allowing families to significantly reduce their spending on charcoal and to pay more for other essentials like food, medicines or school fees.

At the same time, by curbing the demand for charcoal, the energy efficient cookers contribute to the protection of the environment, especially the local mangroves, which are the main input for charcoal production.

The cost of each cooker is about 6 Swiss francs. Since most families in Djangoa cannot afford to pay upfront this amount, but many showed interest in buying the stove (given the possibility to save on charcoal), we decided to buy 20 stoves and let the school sell the stoves by instalments. So far, seven stoves have been sold. The money collected from the sales will be used as a revolving fund to buy more energy efficient cookers, depending upon demand.



The energy efficient cookers are already being sold in Djangoa!



**GOAL 3: HEALTH AND HYGIENE**  
**ACTION 1: WATER INFRASTRUCTURE PROJECT**  
**DATE: JULY 2019**

### **Preliminary Hydro-Geophysical Study for the School Water Infrastructure Project**

As announced in our previous newsletter, we are planning the construction of a water well for the Mamiko school. Access to freshwater will have important implications in terms of health and hygiene for the almost 200 students of the Mamiko school.

Since Djangoa lies on the ocean coast, water salinity is a significant constraint to the construction of a water well. For this reason, we commissioned Geoconsult (<http://geoconsult.mg>), a Malagasy water engineering company, to conduct a preliminary hydro-geophysical study to assess the presence of freshwater in the surroundings of the school. Based on an electrical conductivity analysis performed in July in Djangoa, the possible presence of freshwater was estimated at 40-45 meters depth. You can download the full hydro-geophysical report from our webpage: <https://www.bokymamiko.com/water-infrastructure>).

Given the costs associated to drilling such a deep well, and the uncertainty of finding freshwater, we are now evaluating the alternative solution of exploiting more superficial water (about 5 meters underground), which is subject to variable salinity depending on the ocean tides, and automatically pumping water only during low tides.



The team of GeoConsult at work in Djangoa attracts the curiosity of the children



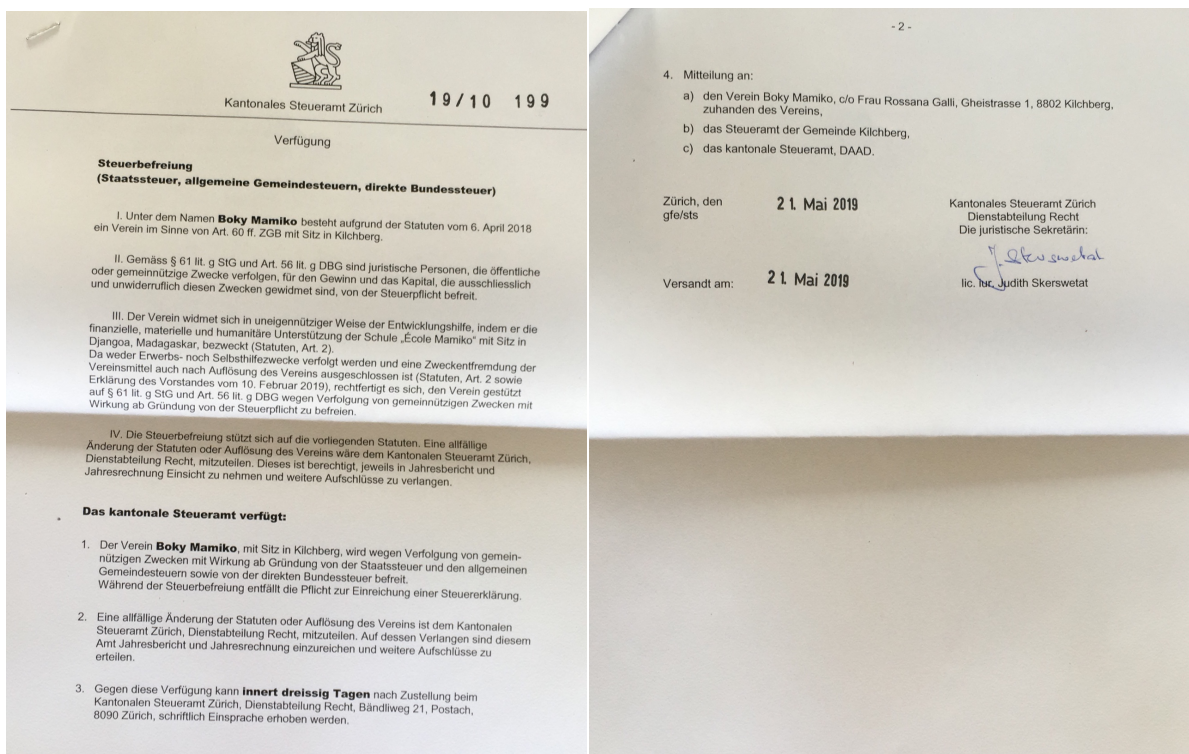
**GOAL 4: PROJECT SUSTAINABILITY**  
**ACTION 1: TAX EXEMPTION**  
**DATE: MAY 2019**

### Boky Mamiko becomes official!

On May, 21<sup>st</sup> 2019 the Zurich Cantonal Tax Office officially recognized Boky Mamiko as non-profit organization.

This has two important implications. First, Boky Mamiko is exempted from paying taxes. Second, donations to Boky Mamiko are tax deductible in Switzerland. Deductibility of donations from outside Switzerland has to be assessed on a case by case basis.

Thank you to our dedicated team who worked hard to prepare all the necessary documents to apply for the tax exemption!



Boky Mamiko's Tax Exemption Certificate dated May, 21st 2019

**GOAL 4: PROJECT SUSTAINABILITY**  
**ACTION 2: MARKETING AND FUNDRAISING**  
**DATE: AUGUST 2019**

### Filming in Djangoa

A student of the film studies program at the Zurich University of the Arts (ZHdK, <https://www.zhdk.ch>), Ian Oggenfuss, spent two weeks in Djangoa filming the teaching activities of the Boky Mamiko volunteers, the Mamiko school and the village.

Ian's respectfulness and great communication skills allowed him to catch some wonderful images of the school and the daily life in Djangoa. Besides, Ian's camera and filming equipment was like a magnet for children!

We are very grateful to Ian for dedicating his time and skills to Boky Mamiko, and can't wait to see the film he will produce with these images!



The camera is like a magnet for children!

That's all for now!  
We look forward to sending you our next newsletter 😊