



International Association
of Students in Agricultural
and Related Sciences



GLOBAL PROJECT REPORT

2022



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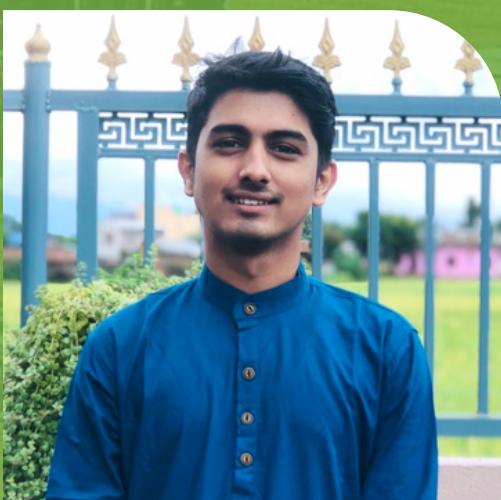
INTRODUCTION



THOMAS WESTHOFF
President



SAGAR PAUDEL
Coordinator



UPENDRA BHUSAL
Coordinator



Words from President



Dear reader,

Our world faces many challenges: food insecurity, inequality, health problems, and climate change. New approaches to agriculture are needed to solve the challenges of today. This report shows how IAAS drove change in 2022 and how young people lead by example.

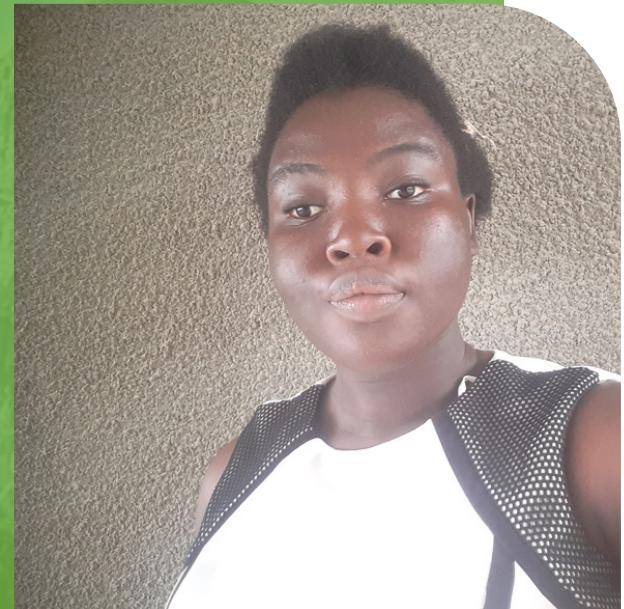
Each of these projects is improving our world, all with little investments but driven by big ideas. In the spirit of IAAS, we should share knowledge and ideas to reach mutual understanding.

Let this document be an open invitation to do just that. Let's show the world what we can do, and let's reach out to our fellow members and see how you can learn and how we can support each other. This document also serves as a guiding document for other (student) associations and organizations to join forces with these youth-led projects.

Go further, go IAAS!

Thomas Westhoff
IAAS World President 22/23

Words from WIA Coordinator



The Women in Agriculture (WIA) project is an initiative that seeks to address the issue of gender inequality in the agricultural space. According to FAO, women make up to 43 percent of the global agricultural labor force, yet they face significant discrimination in decision-making, access to financial assistance, equal pay, and land ownership.

Women of various degrees around the world face these issues. Hence, we can not over-emphasize the need for the Women in Agriculture initiative.

With several committees committed to the Women In Agriculture project, IAAS can directly impact countless women's lives.

From physical training to programs to webinars, women are empowered with the knowledge to do better for themselves and others and to take up crucial roles in their communities.

Brenda Adaeze Nwaubani
Women in Agriculture Coordinator 22/23



Words from VCP Coordinator



As a youth association, we support innovative and novel creations worldwide. These ideas and projects need to be revived to solve the current environmental pollution, climate change, and gender issues.

Not only this, we encourage these projects to launch and implement their ideas into action. It's high time we need to work for our future generation where our efforts create impacts. So this document can be a significant milestone for every stakeholder who wants to contribute to a unique approach. We promote this knowledge through an inclusive framework among diverse members.

From every nook and corner, youth came up with specific innovation we want to nurture and lets the world see what IAAS can do.

Go Further! Go IAAS!

Sagar Paudel
Village Concept Project Coordinator 22/23



Words from NFW Coordinator



Preventing food waste is essential because it can help to reduce greenhouse gas emissions and conserve natural resources. According to a study by the FAO, global food waste is responsible for 8% of greenhouse gas emissions.

As a youth association, we are committed to supporting innovative and novel projects that address the pressing issues of (food) waste. Our generation must take action now to ensure a sustainable future for all.

To this end, we actively encourage developing and implementing new ideas and projects that rethink how society produces and manages waste.

IAAS is trying to change from awareness campaigns to No Food Waste plans for events to real-life projects around the circular economy.

Join us as we work towards a brighter future for all.

Md Mahadi Hasan Tushar
No Food Waste Coordinator 22/23



Words from One Health Coordinator



People's health is directly impacted by the welfare of animals and the environment we share with them. People and animals contact more frequently and closely than ever in the current world, sharing settings, illnesses, and other health problems. Each year, zoonotic infections affect millions of humans and animals worldwide. Diseases do not respect borders, as the pandemic has shown us.

Understanding these links will lead to a better world for everyone. The One Health strategy can stop zoonotic disease outbreaks in humans and animals, enhance food safety and security, and benefit economies that depend on livestock production. It can also lower antibiotic-resistant infections, improve human and animal health, and safeguard global health security. In general, the One Health strategy promotes the wellbeing of all living things by bringing specialists from many professions together to address issues that endanger people, animals, and the environment.

Tangimul Islam
One Health Coordinator 22/23



Village Concept Project

The history of the Village Concept Project (VCP) dates back to the late eighties. The first Intersectorial Meeting of the International Students Organization (IMISO), comprising five student organizations as its permanent member such as AIESEC, ELSA, IPSF, IFMSA, and IAAS, organized a Leadership Training Program in Geneva at the World Health Organization Headquarters in 1986.

During the program, students from the areas of medicine, pharmacy, veterinary, law, physiotherapy, dentistry, and agriculture studied youth's role in achieving "Health For All," a goal fixed by WHO at the International Conference of Almata in 1978. Consequently, the "Village Concept" was born, a concrete action of young students to achieve self-sustainable improvement of health conditions and general development parameters in human settlement.



The IAAS Women in Agriculture Global Project was officially started on the 8th of March 2018 (International Women's Day). The road to this great initiative towards achieving Sustainable Development Goal 5 started during the 59th World Congress in Indonesia in 2016 and the 60th World Congress in Mexico in 2017. The project aims to promote gender equality and provide a platform for them to share their problems and experiences and how they can overcome them.



The One Health Project was started to raise awareness about human health in response to the significant experiences of getting emerging diseases, coping with the effects of climate change, dealing with worries about food safety, and managing mental health difficulties. On November 3, 2022, IAAS World started the One Health Project on One Health Day with its first event. It was the project's first step with participation from many different countries, researchers.



On World Food Day, 16th of October 2016, IAAS World launched its No Food Waste Project with the IdelAAS Against Food Waste magazine. This project was born in a workgroup from the 59th World Congress in Indonesia to raise food waste awareness. We all know how much food can be wasted when cooking, so we want to encourage people to take advantage of all the leftover ingredients or materials left after preparing a dish. Later a campaign was created called No.More.Food.Waste and at WOCO in Morocco in 2021, a NiFood Waste Plan was made mandatory for all events.

Global Projects' Pillars

Community Action

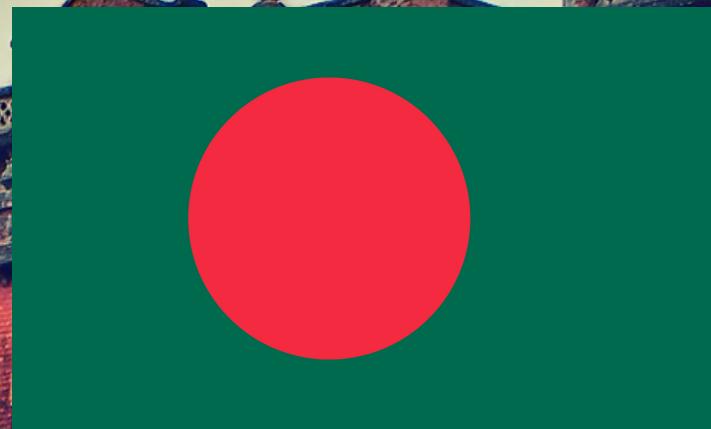
Students and various stakeholders help each other establish general and specific objectives to improve living conditions. The global projects aim to create social impact and economic growth in rural areas and foster development and adaptation to climate change by building resilience and empowering livelihoods.

International Approach

Students from all over the world can participate in global projects. International collaboration is encouraged.

Inter-Sectorial Approach

The targeted aim can be achieved through collaboration with students from other disciplines like pharmacy, veterinary, or medicine. All to apply the one health approach in a concrete village towards a win-win situation where all students come together and design objectives for one health and general economic development.



BANGLADESH



MUSH-HOOM

BY IAAS BANGLADESH



Sylhet, Bangladesh

STARTING & ENDING DATE

Starting Date: 2022/09/15

Ending Date:

GENERAL INFORMATION

MushHoom is a company where we create a block-chain of employment by producing white gold mushrooms. Target employees are primarily women, housewives, retired individuals, or even small job holders. We will train them to make them professionals in mushroom cultivation. We provide them with specialized mush-hoom chambers and spores. By utilizing it, they can produce mushrooms very quickly and use household cellulosic waste during production as one of the substrates. We will monitor the whole process and guide them at every point. Then we will collect mushrooms and dry them, and after packaging, they will be ready for sale.

PROJECT'S CHALLENGES

As a newly emerging start-up, the main problem we are facing is that we need a good amount of starting capital. We are working on that. Secondly, our start-up demands a strong connection and much fieldwork. We are working to solve these problems and make it easier for us to handle.



AGRICULTURE FOR ALL



BY IAAS BANGLADESH



Patukhali Science
&
Technology

STARTING DATE

Starting Date: 2023/02/24
Ending Date: 2023/04/28

GENERAL INFORMATION

Agriculture for all aimed to increase agriculture-related knowledge and skills of rural women, farmers, and youth to impact rural families' food security. It will help empower rural women to become self-dependent and care for their family's health. We want to introduce rural farmers to innovative ideas and technological knowledge in the agricultural sector to increase their productivity. It will engage youth in agriculture and encourage them to build a career in the agrarian sector.

PROJECT CHALLENGES

Due to the post-pandemic situation, our local committee's university has faced academic pressure and examination, so we have difficulties implementing the project timely. Rural people sometimes show less interest in this kind of project.



CAMEROON



Mature cocoa pods



Diverse Farm Products (Banana, Potato, Yams, etc...)



(Banana Finger)



Cocoa Nursery Ready for Transplanting

PROJECT'S CHALLENGES

Economic Autonomisation; Food Waste - Food Safety & Environment Protection; Improving the quality and quantity of agropastoral production for better consumer health; Inclusion and Participation of Women and Girls in Family Economy and Agro-Industrial Development in Africa.

INCLUSIVE DEVELOPMENT

BY IAAS CAMEROON



Cameroon

STARTING & ENDING DATE

Starting Date: 2023/02/15

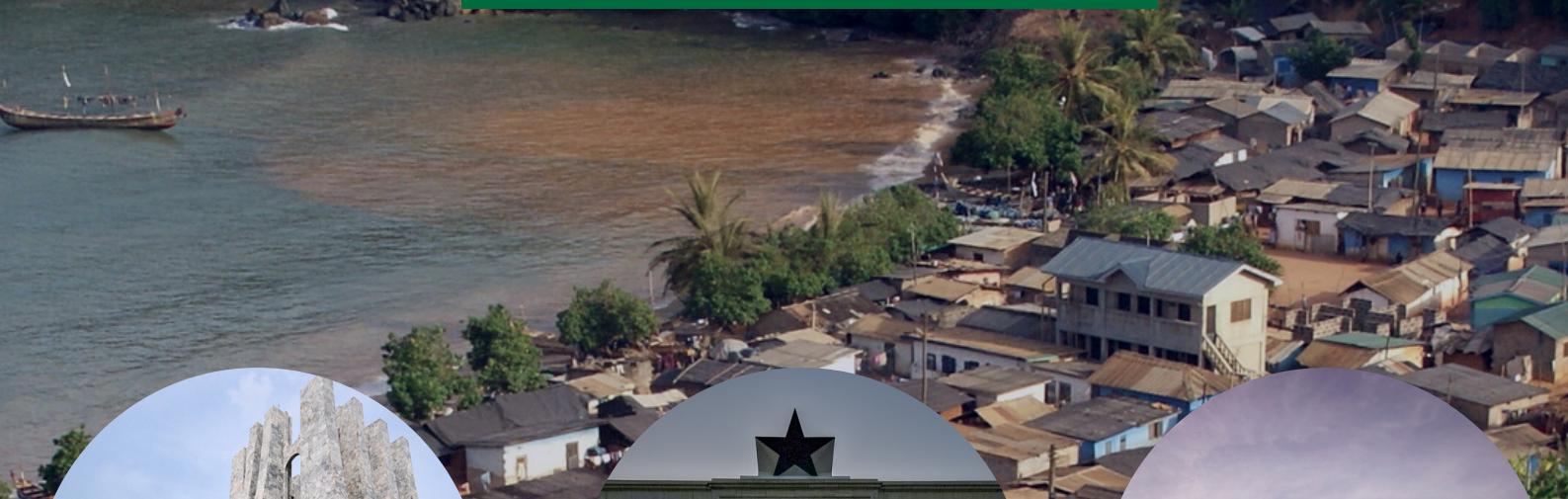
Ending Date:

GENERAL INFORMATION

Inclusive Development Projects in Cameroon, in collaboration with other national and international organizations whose goal is the economic empowerment of rural populations and women in particular, who live from agropastoral production activities to create periodically depending on the production schedules, mini grouped sales centers for the greater good of the populations of all social strata of Cameroon and Africa for the Development Phase.



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GHANA



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PROJECT'S CHALLENGES

The main problem this project is facing is funding. The association isn't financially stable, so we can only raise a small amount of money which does not help us train more women as we seek to. But we believe more women should be allowed to join the initiative and be catered for.

WOMEN IN ME

BY IAAS GHANA



Khumasi, Ghana

STARTING DATE

Starting Date: 2023/01/21

Ending Date: 2023/12/31

GENERAL INFORMATION

This project is an initiative for women in agriculture to empower them and raise awareness toward gender equality in agriculture and to play emphasis the role of women in agriculture as an agent of change toward sustainability and innovation. To produce women for innovative change for the outside world. This initiative explicitly targets females within the college of agriculture and natural resources and other IAASers from science-related colleges who are associate members of IAAS within Kwame Nkrumah University of Science and Technology (KNUST).



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INDONESIA



PROJECT'S CHALLENGES

The financial issue is the only one we have. Our program could occasionally be more financially viable, which might impact the farmers' involvement since we cannot continue the program. Academic and program scheduling conflicts are the leading cause of the side issue.

COMMUNITY DEVELOPMENT

BY IAAS INDONESIA



IPB University, Bogor

STARTING & ENDING DATE

Starting Date: 2022/10/24

Ending Date: 2023/12/25

GENERAL INFORMATION

Community development is the first subject to affect the VCP and the community. This program is divided into four smaller programs, each covering a similar but distinct subtopic. The first sub-program emphasizes the importance of village development for the nation's advancement; the second sub-program will see its application in typical rural goods that support the growth of SMEs. The third discusses social movements to get young people to pay more attention to global concerns. At the same time, the fourth sub-program, YOUTH AGRICARETURE, goes to the VCP program, which will ultimately return to VCP with enhanced awareness from both young people and farmers.



PROJECT'S CHALLENGES

The first year of our efforts in Pandansari Village was this year. Therefore, we require research and partners to create and improve our programs.

GENERATION 1 "PANDANSARI BERSERI"

BY IAAS INDONESIA



Pandansari, Malang Indonesia

STARTING & ENDING DATE

Starting Date: 2023/03/01

Ending Date: 2023/10/31

GENERAL INFORMATION

An initiative called Village Concept Project (VCP) Pandansari Berseri sought to empower the local community. Consist of three primary components: community development, agriculture, and the environment. Through this initiative, students with more access to education may impart their knowledge to rural communities, influencing the society.



PROJECT'S CHALLENGES

We needed help modifying the timeframe because each participant had a different schedule, which required many adjustments. In addition to internal limitations, we encountered external ones, such as bad weather for offline activities and a lack of contact with the school at the beginning of the program.

FARMING CLASS

BY IAAS INDONESIA



Semarang, Indonesia

STARTING & ENDING DATE

Starting Date: 2023/03/19

Ending Date: 2023/10/27

GENERAL INFORMATION

This program aims at elementary school students to increase their knowledge, attitudes, and skills towards agriculture and environmental issues. This program consists of 3 primary activities: social campaigns, online classes, and study tours. The social movement is carried out by teaching students how to make crafts from plastic waste as campaign materials. The study tour by visiting coffee plantations around VCP because our VCP has many coffee commodities. Online classes are conducted to share knowledge about agriculture, such as introduction to plant parts, agricultural vocab, and more. This program lasts for one management period, held every two weeks.



PROJECT'S CHALLENGES

We needed help with modifying the timeframe because each participant had a different schedule, which required many adjustments. In addition to internal limitations, we encountered external ones, such as bad weather for offline activities and a lack of contact with the school at the beginning of the program.

VILLAGE CONCEPT PROJECT

BY IAAS INDONESIA



Kabupaten Sumedang, Indonesia

STARTING & ENDING DATE

Starting Date: 2023/03/19

Ending Date: 2023/10/27

GENERAL INFORMATION

In Cinanjung Village, Sumedang Regency, West Java Province, Indonesia, the Village Concept Project is a village development project. Cinanjung Village has much local potential in terms of natural richness, advantageous position, top-notch people resources, and many other things to become a prosperous village sustainably. With the guiding concepts of teaching, empowerment, sustainability, and entrepreneurship, this project aims to maximize the potential of Cinanjung Village in the agricultural and environmental sectors.



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MALAWI



PROJECT'S CHALLENGES

The main challenge is funding. As we don't need more resources for logistics, it has become hard to accomplish the work and achieve our goal. Therefore our progress could be faster and more extensive.

ORGANIC AGRICULTURE

BY IAAS MALAWI



Chiradzulu, Malawi

STARTING & ENDING DATE

Starting Date: 2022/11/15

Ending Date: 2023/10/20

GENERAL INFORMATION

It assesses factors influencing women's adoption of organic farming among smallholder farmers through structured questionnaires and surveys to collect primary data. There are two strata of farmers: organic producers and conventional producers. To achieve the project's goals, farmers' groups should be formed, and members should be encouraged to participate; agricultural extension services should provide training and technical expertise on organic farming practices, and seminars and workshops should be organized to educate smallholder farmers about the importance of organic farming systems and the processes involved in preparing manure. Ultimately, this project will contribute to food security and environmental sustainability by promoting Organic Agriculture.



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NEPAL



PROJECT'S CHALLENGES

The main issue is that we currently have funds. A lack of funding prevents the local committee from carrying out projects like a training program for making sanitary pads and a project to provide safe drinking water.

UPLIFT MAHAWARI AND KAFALGHARI

BY IAAS NEPAL



Rupendehi, Nepal

STARTING & ENDING DATE

Starting Date: 2021/03/17

Ending Date:

GENERAL INFORMATION

We are participating in two VCPs: Upliftment Mahuwari and VCP Kafalghari. The Mahuwari Village Project is located in Marchwari Rural Municipality, 5, 30 kilometers from the IAAS Paklihawa. With an average landholding size of 0.3 hectares, agriculture accounts for most of the villagers' jobs. Tharu, Yadav, Kurmi, and a few more ethnic groups make up the major ethnic groupings. The hamlet of Kafalghari in Nepal's Kaski district, where agriculture is also the primary industry, is where VCP Kafalghari is located. Some of the activities done by Mahuwari Upliftment: A soil test, Mobile veterinary clinic instruction in air layering and grafting, Public sanitation, a menstrual hygiene program chart, and in VCP Kafalghari: Distribution of trash cans.



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NIGERIA



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PROJECT'S CHALLENGES

Going to new locations for agroschooling .

CHANGE OF PERCEPTION

BY IAAS NIGERIA



Osun state, Nigeria

STARTING DATE

Starting Date: 2018/03/01

Ending Date: ongoing

GENERAL INFORMATION

Change of Perception (COP) is a project that seeks to create awareness about Agriculture; it educates and provides an opportunity for people to learn about agriculture and help change the views of those who do not appreciate Agriculture. Different activities are carried out in the project, social media campaigns on various Agricultural issues, webinars, and visitation to secondary schools to interact with students on their way to the university to help them learn more about Agriculture and why they should get involved.



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SOUTH KOREA



PROJECT'S CHALLENGES

We have two problems. There was no fund, so we collected money from executives and handed out prizes. Also, it's hard for us to promote it to many people.

NO FOOD WASTE CHALLENGE

BY IAAS SOUTH KOREA



Daejeon, South Korea

STARTING & ENDING DATE

Starting Date: 2022/10/16

Ending Date: 2022/10/30

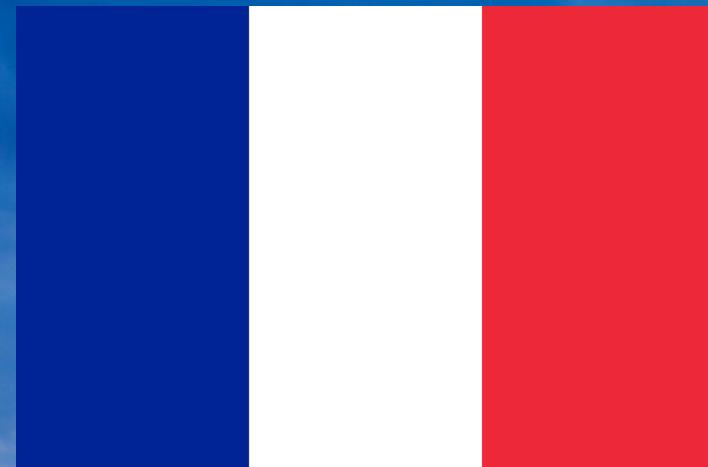
GENERAL INFORMATION

This project:

1. Identify the ingredients in the refrigerator
2. Find a dish that can be made with the ingredients you have
3. Cook as much as you eat
4. Dispose of food waste from cooking
5. Upload photos and thoughts of the activities on SNS



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FRANCE



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TOGO



KOVIÉ IN DEVELOPMENT

BY IAAS FRANCE & TOGO



Kovié, Togo

STARTING & ENDING DATE

Starting Date: 2021/01/01

Ending Date: 2023/12/31

GENERAL INFORMATION

Kovié in development is a project initiated by IAAS Togo in collaboration with IAAS France. This project aims to provide both technical and financial support to the inhabitants of kovié, an agricultural locality known for the quality of its rice, commonly called the "rice of kovié". To overcome the problems encountered by producers in their activities and make them more autonomous, a concept has been set up called "AVEC" (Village Savings and Credit Association). A method that allows villagers to work more cooperatively and self-finance their production each agricultural season. A

PROJECT'S CHALLENGES

Funding problems and technical difficulties due to lack of training of pilot team members. Also, the service transfer within the IAAS offices negatively impacted the project's progress.



PROJECT'S CHALLENGES

communication about the project was not really up to par. our financial means were also limited

FISE FESTIVAL INTERSCOLAIRE PAUR L'ENVIRONMENT

BY IAAS TOGO



lome,TOGO

STARTING & ENDING DATE

Starting Date: 2022/09/03

Ending Date: 2022/10/21

GENERAL INFORMATION

The FISE project (Interschool Festival for the Environment) is a project to adopt acts of environmental protection daily and took place in several axes. The first was to raise awareness on eco-citizenship, more than 5,000 young students from primary, middle, and high school of 8 schools in greater Lomé. More than 100 of them competed in drawing and poetry on the theme of environmental protection. The first 5 in each category (primary, middle, and high school) were rewarded with school trophies and KIT. For at least 150 students, their capacity has been strengthened through workshops training on entrepreneurial waste management and its involvement in the policy environment in Togo.



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SOIL REHABILITATION AND PROTECTION (REPRO-SOL)

BY IAAS TOGO



Kpalime, Togo

STARTING DATE

Starting Date: 2022/12/15

Ending Date: 2023/10/31

GENERAL INFORMATION

This project aims to train students with a passion for agriculture to reduce soil degradation through soil restoration and protection techniques and to reduce impoverishment by enriching the soil with appropriate crops and plants. All this is part of sustainable agricultural practices, which condition the production of healthy food that preserves human health.

PROJECT'S CHALLENGES

Lack of funding, logistical problems, and lack of partners for the project



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ALEF

BY IAAS TOGO



Lome, Togo

STARTING DATE

Starting Date: 2015/09/02

Ending Date:

GENERAL INFORMATION

ALEF is a Women's Entrepreneurial Leadership Workshop that is organized every year to promote young women's leadership and entrepreneurship. This year, we have focused on three main objectives, the first of which is to promote female leadership and awaken the entrepreneurial spirit in the agricultural sector among young students and job seekers, and then to raise the awareness of young people.

PROJECT'S CHALLENGES

Lack of funding.



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TURKEY



arım Bilimleri ve Teknolojileri
ğrenci Topluluğu



WomenTalks Vol.1

Tarımda Kadın

Hareketi:

Bitki Bazlı

Gıda Üretimi

eniz Yoldaç

Kurucu Şef



Canlı Yayın 12 Kasım 20.00

vid.org IAAS [iaas.world](https://www.iaas.world) IAAS IAAS_World

WOMEN TALKS

BY IAAS TURKIYË



Kocaeli, Turkiyë

STARTING & ENDING DATE

Starting Date: 2022/05/01

Ending Date: 2023/08/30

PROJECT'S CHALLENGES

Giving responsibilities to team members.

GENERAL INFORMATION

We are raising awareness about women's role in agriculture projects by organizing a series of lectures.



GLOBAL PROJECT REPORT - 2022

Editor's Note

Greetings FamiliIAAS,

First and foremost, let us extend a warm welcome to the Global Project Report - 2022 Booklet. We take great pride in offering Project Report development to our neighbourhood.

I want to express my thanks for having this project to the donors and my fellow team members. This is my first time creating a pamphlet just for an IAASer, so more will be coming in the following days. I have made an effort to keep this booklet clear and straightforward so that this report may connect with as many stakeholders as possible who will unquestionably support our Global Project.



Upendra Bhusal

Editor
(Expansion Researcher)

