



# API News

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A publication of The Uganda National Apiculture Development Organization (TUNADO)

A Membership & Apex Body for  
Coordinating Apiculture Sector in Uganda



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## Editorial Message

**D**ear readers,  
With great pleasure, I present to you the 30<sup>th</sup> issue of our Api-newsletter. Inside this issue, you will come across inspiring and motivating Api-stories as well as viable market information that will improve your general understanding of the sector. As TUNADO, we believe that nothing comes easy especially in the apiculture world. It takes a lot of hard work, consultancy, sheer determination and courage to become successful in the honey business and this api-newsletter brings just that. We tell the story of Zurah Namunyiga, a young graduate whose pretty new to the apiculture sector but growing very fast to understand the honey business dynamics. This is a story you need not to miss reading about. As you continue reading this issue, you will come across George Mugula's story, the proprietor of Bee House Limited. Formalization of his business has opened a door for many opportunities among which is the ability to sign big honey supply contracts with bigger organizations countrywide. Under our quarterly series of Women in beekeeping, we introduce to you part 7 with Okudeyo Nola's story. She boasts to over 40 colonies from which she harvests an average of 10kg per hive giving her a seasonal yield of 400kg of honey worth Ugx 2,800,000. also read about our new project, Bee for Batwa in Kisoro and how the Batwa people are to benefit from it. The Ugx. 6 billion (1,640,380 USD) export hub and what it means for the apiculture sector in Uganda. I want to assure you that this newsletter comes with a lot of mouthwatering and well researched articles that you wouldn't want to miss. Enjoy reading.

**Stephen Muwanguzi,**  
Editor

**NOTE: TUNADO welcomes articles for this Newsletter from all sector players at no cost.**  
For more information and contributions, please contact the editor on

**info@tunadobees.org**  
or  
**bphionah@tunadobees.org**

## Message from

# CHAIRMAN Board of Directors

I am happy to communicate to the beekeeping fraternity in this New Year 2021. I am aware that the effects of Covid 19 pandemic lockdown continue to affect the beekeeping fraternity in the country. However, I am happy that almost all TUNADO members continued with their business despite the challenge. Some businesses have even grown in the period. More stakeholders are joining the expanding beekeeping subsector in the country. This is a credit to all of us. As I have always stated, the potential for beekeeping in Uganda is so huge that current subsector players and those yet to join can easily be accommodated. The main actors in the honey value chain are: input suppliers, beekeepers, bulkers, processors, transporters (who also double as traders), processors, exporters, wholesalers, retailers and consumers. As a result of the Covid 19 pandemic, the demand for beekeeping products such as honey, propolis and bee venom increased in the country. These products have been reported to be good supplements in treatment of the Covid 19 patients.

All beekeepers know that as pollinators, bees play a part in every aspect of the ecosystem. They support the growth of trees, flowers, and other plants, which serve as food and shelter for creatures large and small. Bees contribute to complex, interconnected ecosystems that allow a diverse number of different species to co-exist. This is therefore to remind all stakeholders to jealously protect and conserve the bees and their habitats. Indiscriminate use of agrochemicals and burning of bee habitats should not be allowed. I suggest that all stakeholder who would like to introduce a new beekeeping project should embed aspects of planting bee forage plants.

In the recent past TUNADO has become more diverse and inclusive in its beekeeping programs. More women, youths, refugees and people living with disabilities have been actively involved in many programs. In addition, TUNADO together with Bwindi Mgahinga Conservation Trust (BMCT) is implementing a beekeeping project for the Batwa people of South Western Uganda. The project is sponsored by the Danish Government through the Danish Beekeepers' Association. Introducing inclusivity in beekeeping enhances the work environment by expanding well-being and productivity, increases equity by providing every person an opportunity to be involved. This helps promote a sustainable future of beekeeping by providing opportunities for a younger and more diverse group of people to engage in production and productivity.

As a result of the increase in production and productivity of the bee products, TUNADO has embarked on establishment of an Export Hub. In preparation for the Export hub, TUNADO built strong a supply chain structures from grass root beekeepers. Thereafter it linked these supply chains to Rural Transformation Centers (RTC), which are then connected to national buyers and World of Bees, a one stop center for all bee products in the country. After completion, the Export Hub will



house the beekeeping national stores, a training center, laboratory, product development center, showroom, museum and offices.

One of the major challenge currently facing the agricultural sector including the beekeeping subsector is lack of reliable statistical data to facilitate proper planning and drive business and investment in the sub-sector in Uganda. In response to this, TUNADO is working with stakeholders and different partners to see to it that we developing a comprehensive database and knowledge management system which will result in increased business and investment in the beekeeping sub-sector in the country.

In a particular way I would like to sincerely thank our great partners who have continued to support us. Sincere thanks go Trias Uganda, Woord en Daad, Bwindi Mgahinga Conservation Trust, Bees for Development, the European Union and all other partners that I have not mentioned here. On behalf of the Board and Management, I pledge that we shall utilise all resources given to us effectively and efficiently in order to build the beekeeping industry in the country.

I wish all of you a Happy and Prosperous New Year 2021.

**Professor Robert Kajobe**  
TUNADO Board Chairman

“The Export Hub will house the beekeeping national stores, a training center, laboratory, product development center, showroom, museum and offices.”

Message from

## EXECUTIVE DIRECTOR

### The Export Hub, A thorough Insight into the Shs. 6.5 Billion Project

**D**ear Readers,  
For the last 17 years, TUNADO has played a pivotal role of promoting beekeeping in Uganda and there is no doubt it has and continues to create employment opportunities for the youth, women, PwDs, and refugees in the country. Beekeeping is now more attractive than ever before. Research highlights a growing appreciation of bee products and increased honey consumption at domestic, regional and international level. We have built strong supply chain structures from grass root beekeepers, linked to Rural Transformation Centers (RTC), that are then connected to national buyers and World of Bees, a one stop center for all bee products in the country.

TUNADO has worked on distribution channels with processors and packers that are well connected to all the supermarkets, retail shops and World of Bees distribution stores at Kingdom Kampala mall, Kira house, Kikubo and Akamwesi mall, all located in the central business district, Kampala. We have also stepped up our online distribution through our online shop [www.worldofbees.shop](http://www.worldofbees.shop). TUNADO has created awareness that almost all Ugandan's that mind their health use honey as a sweetener i.e., "if you are not using honey in beverages and food, you are missing out on all possible health benefits".

The World has moved on to health products. The international demand for residue free beeswax and honey is very high. Our traditional organic way of keeping bees is advantageous and puts us in a good position to explore the international market. To enter the international market, consistent, quality and big volumes are vital and therefore to achieve the above, we have since 2015 started on the journey of setting up an Export Hub, TUNADO

procured land for the export hub in 2017 and secured approved construction plans in 2019. In 2020, we started construction. To this effect, we identified NATO engineering as the contractor and New Theme Ltd as our project manager.

TUNADO extends great thanks to @ TriasUganda and Woord en Daad that have relentlessly extended financial support towards this cause. We also thank the TUNADO membership for the endless contributions towards this project, our board of directors for the strategic direction that this project is taking. And last but not least, our staff for working hard towards the success of this Export Hub. The export hub, after completion, will house the National stores, a training center, laboratory, product development center, showroom, museum and offices.

The grass root structures created will bulk quality bee products at RTCs and RTCs will send samples to the Export hub laboratory. Once these samples have passed the test, the products will then be allowed in the national stores for export. In this case World of Bees (members social enterprise) will be elevated to act as the export hub.

This export hub is located on plot no. 1103 block 80 at Buntaba, Dundu in Mukono District. And the project is estimated to cost Ugx 6.5bn. We have so far spent Ugx 2Bn. We therefore take this opportunity to request and encourage everyone to contribute towards this noble cause. We are optimistic that the hub will start operations in 2023. After completion, we are sure that the hub will be the World's Center of Excellency and Reference Point.

For more information, do not hesitate to reach us on [info@tunadobees.org](mailto:info@tunadobees.org) or by tel +256414258070 or whatsapp +256779299778.



**Mr. Biryomumaisho Dickson,  
ED - TUNADO**

*If you are not using honey in beverages and food, you are missing out on all possible health benefits.*



## The Export Hub





# REGISTER AND PAY TAXES FOR GROWTH – MUGULA

From a fresh jobless graduate, to a proprietor of one of the biggest apiary companies in Uganda, George Mugula's entrepreneurship story is remarkable. George owns Bee House Limited, a company based in Najjera, Wakiso district. He deals in honey processing and hive products, as well as locally manufactured and imported beekeeping and processing equipment. Starting out, his business journey has not been easy, but George credits his success to many things amongst which is his decision to join TUNADO that advised and encouraged him to formalize and comply with statutory obligations.

Having completed University education in 2003, graduating with a bachelor's degree in Environmental management, George loved conservation. This drove him to a volunteering opportunity with Mubende Local Government when he could not find a job. Little did he know that this is where he would stumble upon his liquid Gold- Honey!

"While in Mubende, George quickly noticed that Honey was readily available, but the producers did not have ready market, yet in Kampala there was huge demand for honey with little supply"- George recalls. George saw an opportunity he could exploit but was advised against informal trade operations from the beginning by TUNADO (although he continued trading informally until 2011 where he realized that growth was very minimal). "He incorporated a trading company (Bee House Limited), acquired tax identification numbers for both the company and directors and later opened bank account. With all these in place, Bee House started buying honey from Mubende and selling it in Kampala". "Later on, George noticed that the beekeepers required better equipment such as hives, which Bee House started to make and sell to them". Again, George quickly noticed that processors needed better quality processing equipment, which were not on Ugandan market. "Bee House linked up with a company dealing in quality honey processing equipment in UK, with an intention to retail their products in the Ugandan market. the director of this company asked for documentation to prove if my company was genuine- amongst them, tax clearance! this was when Bee House started to realize the importance of formalization. Lucky enough, Bee House had all my documentation ready and that's how

Bee House started to import equipment", George narrates. "By this time, Bee house was already sensitized, and knew what taxes to pay for importation of goods, how much to pay as income tax, and when to file VAT returns" he adds.

10 years later, after formalizing Bee house started tapping into TUNADO network among which were to supply organizations such as LWF, World Vision, Concern Worldwide, Caritas International, Swiss Contact and ACDI/VOCA with goods and services. Currently Bee House has added Ministry of Agriculture, Animal Industry and Fisheries (MAAIF) among clients. To obtain these contracts, tax clearance is crucial. This has greatly improved Bee House business performance.

Like any other business man, formalization and tax compliance did not come easy for Bee House. He recalls the many stories of how strong businesses had collapsed due to over taxation. "Moreover, I did not even know such processes as filling tax returns", George recalls. "I hired my friend, who was an accountant, on part-time basis to prepare the company's accounts and file taxes. This arrangement continued for a few years when Bee House had grown and hired him on a fulltime contract."

George's story is shared by many TUNADO members. According to the Executive director, Mr. Dickson Biryomumaisho, many members still struggle to access the right tax information and services, despite good information such as the special income tax regime set for small businesses. According to the current tax guide for small businesses.

with regards to income tax, URA defines a small business taxpayer as a resident taxpayer whose annual sales from all businesses is above ten million shillings (UGX 10M) but not exceeding one hundred and fifty million (UGX 150M). A taxpayer whose annual sales exceeds 10M but is below 50M pays taxes depending on his location, defined in the guide as Kampala (with tax rates ranging from UGX 200,000 to UGX 450,000 depending on sales), Municipalities (UGX 150,000 to UGX 400,000) and Towns and trading centers (UGX 100,000 to UGX 300,000). For businesses with annual sales exceeding 50M but not exceeding 150M, the income tax rate is 1.5% of gross. Businesses with annual sales below 10,000,000 Ugx do not pay income tax. However, this information is not readily available to entrepreneurs, and many do not engage with URA officials or their website to enable them to access such information.

Dickson confirmed that TUNADO plans to engage with URA, just like it did with URSB for company registration and UNBS for produce certification, to ensure members are well sensitized and supported to access tax information and services, because it is critical in professionalizing the apiary sector. George advises TUNADO to train the entrepreneurs first to improve their records, which will make it easy for them to engage with URA. He reiterates that sensitization is key for entrepreneur's confidence. "If you know your rights, you cannot be unfairly taxed, because you will know which tax, how much and when to pay. This is all that an entrepreneur needs to know" he advises. Many such stories of how members benefited from tax compliance exists, TUNADO will continue to share them on various platforms to encourage members to take the bold step towards formalizing their businesses.





# WOMEN IN BEEKEEPING PART 7

## 71 Years A Beekeeper

**A**t 71 years, Okudeyo Norah is a renowned beekeeper in Alio village, vura Sub County in Arua district. Nola is known for her passion in beekeeping, an agro-enterprise she has ventured in since 2005. From childhood, she always enjoyed eating comb honey but always had fear for the honey bee, for its aggressiveness towards people. However, her fear for bees kept on reducing as she grew up. She used to see her neighbors keep bees with ease as they enjoyed their harvest of honey. With the experience from her fellow neighbors keeping bees, doubled with her proximity to the women who are engaged in honey trade, Nola's interest in keeping bees for honey production grew.



In 2005 when the National Agriculture Advisory services started in their village, Nola made a decision to try beekeeping as an additional agro enterprise to her agricultural farm.

She applied for hives as beekeeping inputs under NAADS and fortunately she was given five hives by TUNADO. At that time, she didn't mind how many hives she would get because she had made up her mind to even start with only one. Nola says that by then, the environment was still intact and when she sited her hives, all the five got colonized in one week, thanks to the good apiary management trainings that TUNADO provided. She then started attending beekeeping trainings and seeking advice on managing her apiary until she got her first harvest of 56 Kg of honey which she sold by then at 4000 earning a total revenue of 224000 Ugx. This gave her motivation to add on more hives by herself and to-date, she boasts to over 40 colonies from which she harvests an average of 10kg per hive giving her a seasonal yield of 400kg of honey. This is worth Ugx.2,800,000.

Besides beekeeping, Nola established a forage nursery of coffee, citrus fruits, Caliantra etc. From this, she earns an extra income after selling the seedlings. Nolas' achievements are enormous. But the most important is her ability to raise school fees for her grandchildren, plastering her house and having honey to eat at home which has kept her healthy. At the time of the interview, Nola said "with my age, I no longer have the energy to dig and therefore I want to concentrate on beekeeping which does not need too much effort and time compared to crop farming". Nola plans to increase her hives to 100 by the end of 2021 so as to double her production.





## Beekeeping turned Out to be my Gold Mine - the success story of Zurah Namunyiga

Many University graduates leave school with a degree in their hands and enthusiasm for the career they want to achieve a lot including building acquiring cars and assets. But when they start looking for employment in earnest, getting that career started does not go as planned. I graduated in 2017 with bachelors' in Information technology. I had hoped to be employed with a white-collar job because I had good results, but after applying for dozens of jobs with no response I was frustrated and sunk into the darkness of inferiority. One day I received a call from one of my friends in Karamoja. She was inviting me to attend a honey week exhibition at Lugogo (Imagine I was living in Kampala but was not aware.....information is power) in which she was showcasing her beekeeping products. Given the sales she had made that day, I was attracted into the honey business. After several inquiries on how she started her business, she referred me to one of the exhibition organisers, Miss Birungi Phionah the programmes manager of TUNADO who later took me through the process of starting a simple beekeeping enterprise. She equally told me how they provide free training for the members. I later made a decision to join the organization (TUNADO). I started attending their trainings, seminars and workshop where I learnt how to make different bee products like soap, jelly propolis, and bee venom. I started with only 5lts of honey (worth Ugx 100,000) as my flagship product and later added more products like propolis, jelly, and beeswax and bee venom.

With the skills, I had acquired from TUNADO trainings, I used my little savings (Ugx.300,000) to buy honey and beeswax, and tried to make a few products that I later on sold to my family members and friends. They liked my products and connected me to other customers. This was a game changer in my life. Through the connections, I formed a company KYEGENZA BEE LTD. The company is located in Nansana wakiso district with a demonstration farm in Kyegenza where it



gets its name. It deals in beekeeping and value addition to bee products. As I speak I have made tremendous progress in running the business through which I have realized the following;

- ✓ Only two years of operation, was honored by TUNADO as the best youth beekeeping entrepreneur in the just concluded 2020 best beekeeping enterprise challenge
- ✓ As a young entrepreneur running a small start-up, I have gained entrepreneurship knowledge which has enabled me to run the company effectively.
- ✓ My membership with TUNADO has linked me to experienced beekeepers and processors
- ✓ I have registered an increase in sales due to product diversification. I no longer rely on one product i.e. honey but gone an extra mile to include; propolis and jelly.
- ✓ As a young business manager, I have received business counseling services that have helped withstand the tough times experienced in running a business.
- ✓ As a young woman, I now feel economically empowered and confident to run a company. I can now solely discuss and negotiate business.

### Changes realized

My company has registered some positive changes which include;

- ✓ The company has improved its diversification from one product that is honey to addition of propolis and jelly.
- ✓ The company's monthly revenue has increased from 150,000 when I had established it to UGX 2,500,000 currently. With profit margin worth Ugx.800,000

The company now employs 2 youths

- ✓ The company no longer relies only on raw materials from its apiary but also sources from other suppliers to avoid product stock outs and distribution delays.

### Future plans

As a young venture, the company has set out plans for future growth which can easily be attainable;

- ✓ The company plans to increase its honey production from 100.5 kg per month to 175.5 kg in 2021 with a stretch target of reaching 2 MT in the next three years.
- ✓ The company projects its propolis production to reach 7 liters per month in 2021 from 5 liters.
- ✓ Jelly production is projected to reach 40 liters per month from 20 liters in 2021.
- ✓ In terms of the market, the company currently has 5 bulk customers and 50 individual customers. In 2021, the plan is to increase bulk customers to 10 individual customers including institutional buyers in the next three years. The company also expects to increase the number of individual customers to 200 in 2021.
- ✓ The company's apiary currently holds 90 KTB hives. There is a target of increasing the number of hives to 200 in the next 2 years.
- ✓ The company is to develop a customer database and create a Customer Relationship Management system to manage customer relationships.
- ✓ The company plans to increase the number of suppliers to 3 from one supplier it relied on in 2020. This is to avoid stock outs especially during slow months.
- ✓ The company seeks to become the best professionally, youth and female run enterprise in the central region.

### Advice to the youths

- ✓ The young people should look out for opportunities with long term gains even though they take some time instead of targeting quick financial fixes.
- ✓ They should consider taking more risks instead of running away from them.
- ✓ The youth should establish collaborations with established entrepreneurs and learn from them.
- ✓ Get membership with established bodies like TUNADO.

Compiled by Allon Bomujuni



# Bee 4 Batwa Project, The Messiah to Beekeeping in Kisoro District

"Out of my mother's womb, a beekeeper was born. beekeeping is now stuck in my head because it's part of my day to day activities", says Muhawe Irene, one of the female Batwa beekeepers from Bizu, Kisoro district. While finding our way to Irene's home, we drove through a narrow, meandering and slippery route. The 'sorry state' condition of the road had been caused by the rainy weather that is a characteristic of Kisoro District. Irene is among the 40 Batwa beneficiaries who have been selected under the bee 4 Batwa project, a new project that TUNADO is implementing together with Bwindi Mgahinga Conservation Trust. This project is being sponsored by the Danish Government through the Danish beekeepers' association with Bees for Development UK as advisor of the project. It's main objective is to facilitate the Batwa beekeepers with skills to turn bee-

keeping into a commercial venture as well as promoting knowledge transfer and sharing between the Batwa who traditionally, are beekeepers. This is a pilot project that will run for a period of two years with a possibility of extending to other sub-counties in the subsequent years to come subject to availability /acquisition of more funds.

A fully-fledged Project Coordinator and Apiary Master have already been allocated for this project to spearhead the daily implementation as well as performing the responsibilities of training the Batwa in professional beekeeping practices. The BMCT head of field operations in Kisoro, Ms. Claire will support the team during the project implementation.

Basing on the excitement exhibited by the Batwa people who turned up for registration and screening at Bizi and Rubuguri town councils, we are optimistic that the project is going to be a success. We also

pray that the landlords (abakaire) avail a portion of their land for beekeeping by allowing hives to be sited by the Batwa beneficiaries in exchange for equitable sharing of hive products after harvest.

TUNADO takes into consideration the conservation aspect of this project and is in final negotiations with Uganda Wildlife Authority (UWA) and National Forestry Authority (NFA) to assist the Batwa with part of their land for beekeeping. In Summary, the Bee 4 Batwa project is expected to increase honey productivity among the Batwa community and hence MESSIAH.

Compiled by Amena Dennis,  
Training & Business Advisor(TBA),  
TUNADO Secretariat.



Above: Phares Kakuru, Programs Manager of Bwindi Mugahinga Conservation Trust (standing in yellow T-Shirt) addressing the Batwa in Bizi (left) and Sanuriro (Right) about the new project.



Below Left: Interviews for potential beneficiaries in progress at Bizi: Below Right: Inception meeting for Batwa at Rubuguri Town Council, Kisoro District.





# Jinja Deaf Beekeepers Group get their First Harvest Out of the Bee-PWD Project

For about a year now, TUNADO, with funding from the National Lottery Community Fund, partnered with Bees for Development to support Persons with Disabilities in the districts of Jinja and Gulu respectively. In Jinja district, TUNADO identified a group of 20 deaf beneficiaries to benefit out of this project. 15 of these are direct beneficiaries and 5 are indirect beneficiaries. In Gulu, a group of 20 blind persons were identified. This project kick-started in April 2019 and was slated to end by April 2021, though with the challenges brought by covid-19 pandemic, we were unable to finish off this project as projected. We found ourselves lagging behind on numerous activities due to the national lockdown. We therefore requested for project extension and luckily, this was granted. This project will now end in August 2021.

Specifically, in Jinja district (deaf persons), our training approach has always been supplemented by the beekeeping posters that were developed by the project. We realized that we are dealing with people of low literacy levels and with challenges in understanding professional sign language so we use a lot of strategies

to ensure learning goes on.

While in Jinja, we conducted numerous training sessions on pest control, hive inspection, honey harvesting, processing of honey and beeswax. Under pest control, we taught the beneficiaries how to identify pests, prevention of pests and the importance of keeping the apiary clean. As we visited their individual apiaries, we got to know that most of them had problems of termites and ants in their apiaries, so that became our main target during our training sessions.

Under the harvesting training session, we emphasized the need for them to have clean materials before they go out to conduct the harvesting exercise. This included washing of the buckets. At around 6:30pm in the evening, the beneficiaries got into their bee suites ready to harvest. We harvested some honey from 4 hives from Mr. Kasule Matthias (one of the beneficiaries). We took them systematically from sorting, crashing to straining using a honey strainer so as to get out very clean honey.

Unlike the normal practice where only trainings concentrate on honey processing leaving beeswax to waste, we went extra to train them on how to process beeswax.



We cleaned the combs from where we extracted the honey and heated them under moderate temperatures and then strained using locally available materials. After a few minutes, we were able to extract our beeswax.

Our next trainings will still be on apiary management. We are also looking at a training session for packaging and branding. How to identify good packaging bottles that are easily marketable and also building the capacity of the local trainers. We have so far identified 3 trainers under the lead of kasule Matthias. We want to make sure there are locally available resources that the beneficiaries can easily turn to in case of absence of the project team.

Compiled by Hope Agwang  
Disability Officer TUNADO  
and  
Stephen Muwanguzi  
Knowledge Management Officer – TUNADO.







## API Price Watch

| Bee product Harvesting and Hive Inspection Equipment           |                   |
|--|-------------------|
| Item   | Unit Price In Ugx |
| Complete bee Protective Gear ( Bee Suite, gloves and gumboots) | 200,000           |
| Smoker   | 50,000            |
| Bee Brush  | 25,000            |
| Hive Tool  | 27,000            |
| Airtight Bucket  | 25,000            |
| Knife  | 45,000            |

These equipment prices are as of 15/03/ 2021

**Source:** World of Bees Ug. Ltd. Kiira house Pilkington road Kampala. **Contact details:** 0778371891





# REASONS FOR BEEKEEPING



## Income



Beekeeping is an agricultural and business activity

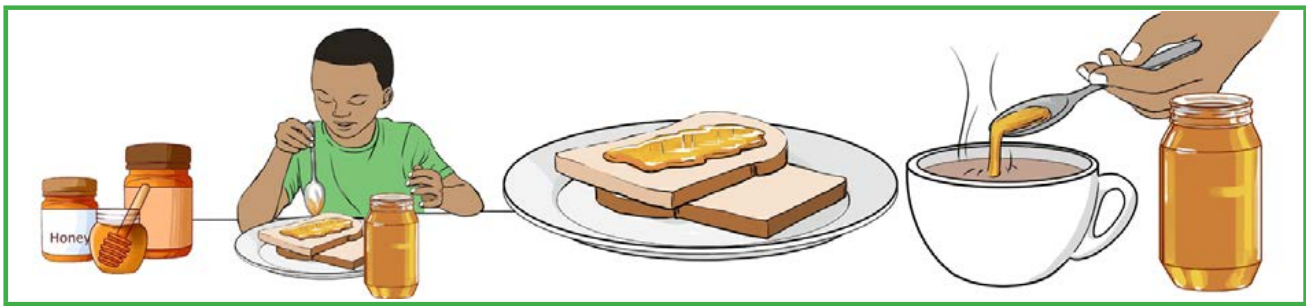


Honey and beeswax can be sold for income generation



Income enables us meet our day-to-day needs like education, hospital bills

## Food And Nutrition

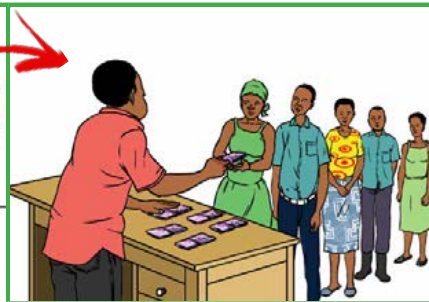


Honey can be consumed as food and for hot beverages

## Employment



Beekeepers can set up collection centers in their villages and supply their local association



Even with small quantities buyers can be attracted to buy from the village association



Good presentation and competitive pricing will achieve good sales

## 4. HEALTH



Honey is used to treat illnesses like coughing



Honey is used in the treatment of burns and cuts



Supported by:



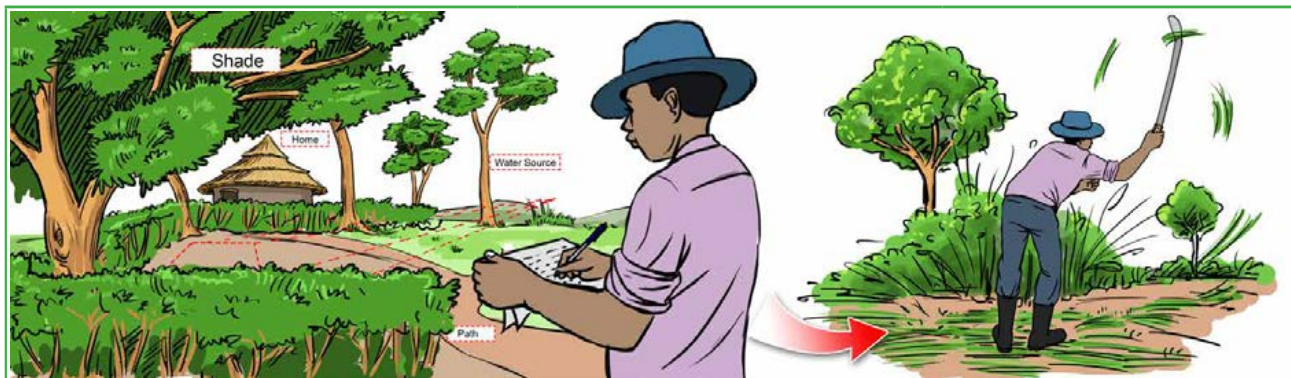




## ESTABLISHMENT OF AN APIARY



### Site selection

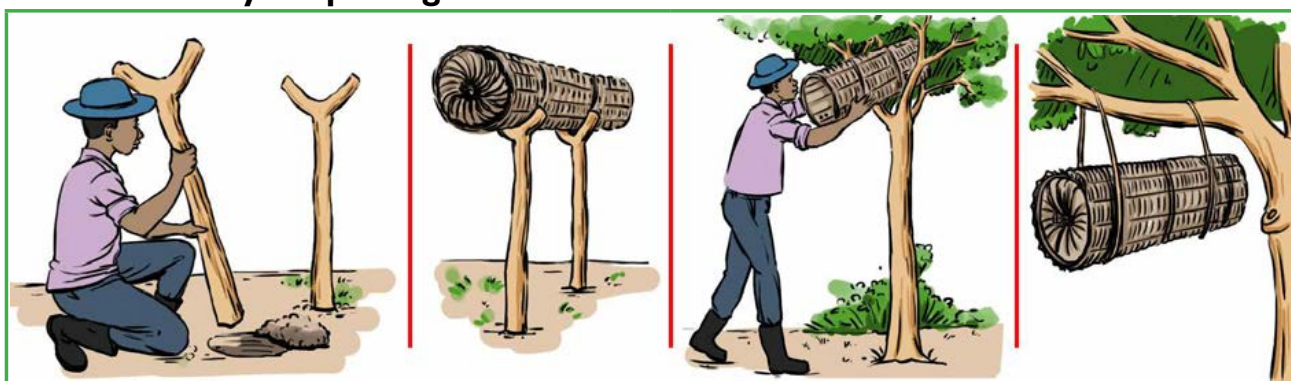


Choose a location with trees, a reasonable distance away from the homestead and the public. Trees provide shade and food for the bees

Bees can be kept near the house. Take care to provide a flight path for your bees, making sure it doesn't interfere with people or animals

Keep the grass short in the apiary. Trees make good hive stands and they keep bees out of harm's way

### Different ways of placing hives



If there are no suitable trees you can make hive stands. Remember that hives full of honey are very heavy. Stands must be strong

Live fences don't rot and they provide flowers too

### Dos and Don'ts



The stands must be strong and firm on the ground

Keep animals away from hives. Never tether animals near hives, as they cannot run away

It is your job to teach children to respect bees and to take care

If possible, fence the apiary to avoid intrusion

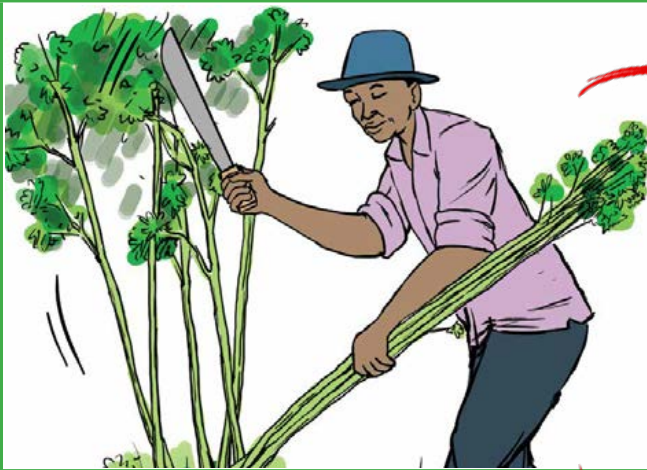
Supported by:







## MAKING LOCAL HIVES



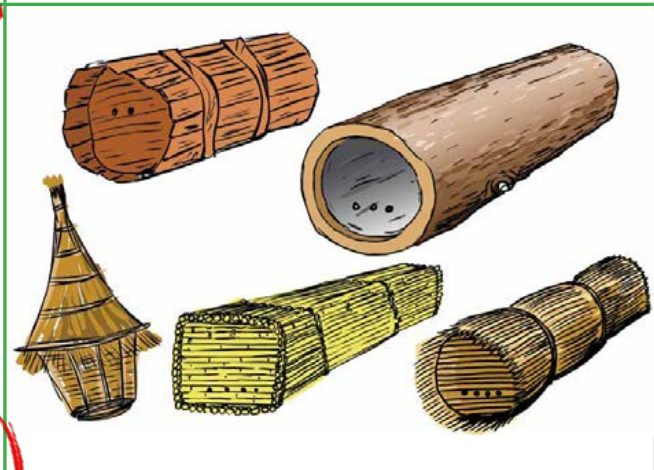
Local hives can be made from materials like papyrus reeds, bamboo, logs, bark, climbers, sticks and clay.



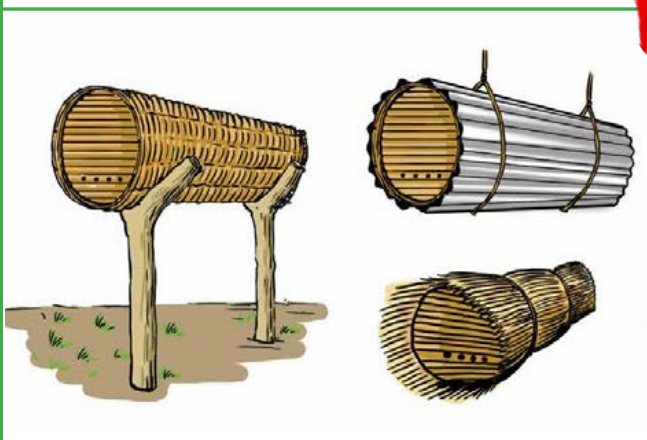
Hives can be made from materials which are locally available and in plentiful supply



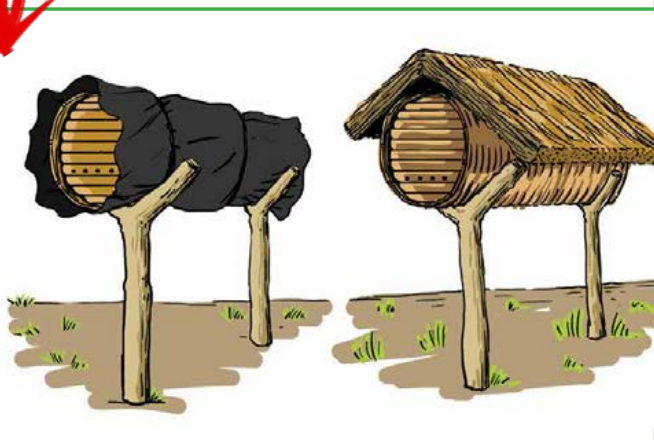
Cow dung is applied on the hives to protect them from pests and predators. They are dried in the sun after



There are many ways of making local hives in Uganda



The hives are protected from rain and wind using polythene wrap or iron sheets



Shade made of banana leaves can also be used to avoid direct heat from the sun

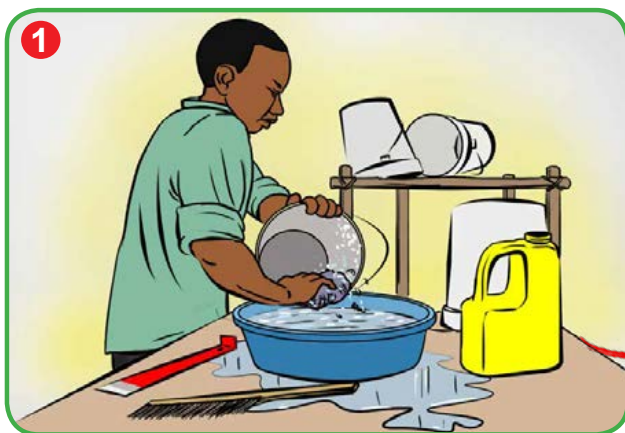
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# HARVESTING HONEY



1 Clean the buckets and check that they have fitting lids



2 You can tell by the weight of the hive when there is honey inside



3 To light the smoker, you need fuel and a source of fire



4 It is best to harvest in the day so that you can see what you are doing.

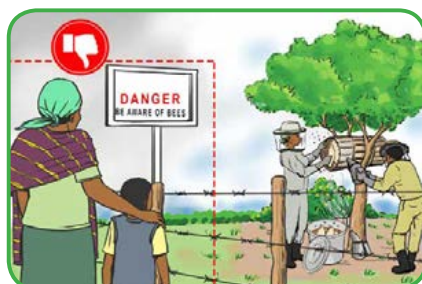


5 Sort honey; first grade honey is fully sealed with no brood or pollen; second grade honey should be put in a separate bucket

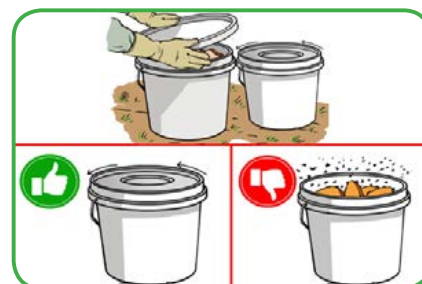
## DOs and DON'Ts



Fire destroys. Always extinguish your smoker completely before leaving the apiary



Tell people to keep away from the apiary during the harvest, to avoid passersby from getting stung



Use buckets with airtight lids, avoid leaving the buckets uncovered



Be gentle while harvesting. Approach the apiary in a calm manner from either the back or from the sides of the hives

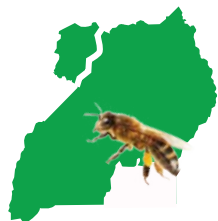


Ensure the smoker is fully lit in order to emit enough smoke before approaching the apiary

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**TUNADO**

# THE UGANDA NATIONAL APICULTURE DEVELOPMENT ORGANISATION

*A membership & apex body for coordinating apiculture sector in Uganda*

## Vision

A vibrant membership based apex body coordinating apiculture industry in Uganda for sustainable national development

## Mission Statement

To provide a national platform for apiculture sector growth through, capacity building, lobbying and advocacy market development, product diversification and information sharing.

## Mandate

A national apex body that coordinates initiatives of stakeholders in the apiculture industry.

## TUNADO Philosophy

Apiculture is business

## Organizational Values

- Membership centered
- Accountability
- Innovativeness
- Inclusivity
- Voluntarism

## OBJECTIVES

- To bring together all people involved in the Beekeeping industry into active and gainful commercial production of honey especially for the rural poor.
- To contribute to policy formulation and implementation processes pertaining to the apiculture industry in Uganda.
- To protect the National bee colonies from diseases, infections infestations, and interferences of a harmful nature of whatever manner, so as to maintain the productive quality of the indigenous bee species.
- To conduct research and disseminate knowledge pertaining to the apiculture industry in Uganda.
- To liaise with Uganda National Bureau of Standards, Uganda National Bureau of Statistics and any other body to monitor quality, standards and statistics of bee products.
- To collaborate with any other Beekeeping related organizations and firms all over the world hence, soliciting for local, regional and international markets for hive products.

## Membership

**TUNADO** is a membership and national apex body mandated by the Government through the Ministry of Agriculture Animal industry and fisheries (MAAIF) to coordinate the apiculture sector in Uganda. Currently its membership is open to individuals, Institutions, Non- Government Organization, Companies and associations or other persons involved in Apiculture development in Uganda. This membership is renewed annually and is based on the following categories:-

| Category                                      | Membership Fee (UGX) | Annual Subscription |
|---|----------------------|---------------------|
| Associations, Processors Corporate membership | 100,000/=            | 200,000/=           |
| Registered Groups/CBOs                        | 100,000/=            | 100,000/=           |
| Individual Membership                         | 100,000/=            | 50,000/=            |
| Honorary Membership                           | FREE                 | FREE                |

## Support a bee keeper

Did you know that 50 USD can train a vulnerable woman in beekeeping?

**Donate now through the TUNADO account number;**

Account Name : The Uganda National Apiculture Development Organization Limited.

Account number : 95010200001852

Bank : Bank of Baroda, Kampala Rd.

Swift code : BARBUGKA

**More information, [www.tunadobees.org](http://www.tunadobees.org)**

**In proud partnership with;**

