



# Promoting Sustainable Renewable Energy in Informal Settlement

**7<sup>th</sup> African Association of Women  
in Geosciences Conference  
03 November 2014**

**Ministry of Mines and Energy Auditorium**

**By: Michael Mulunga & Israel Ndilipunje**



# Overview

- Introducing Young Achievers
- Who we are
- Vision and objectives
- Motto
- 3 skills
- Activities
- Consol Solar Jar Project
- Statistics of Shack fires
- Aims and objectives of the Project
- What happened so far
- Sustainability
- Way Forward
- Conclusion
- Acknowledgements

# Introducing Young Achievers





# Who We Are

- The Young Achievers Empowerment Project is a Youth organization in Katutura that empowers and motivates young people to have a sense of vision and mission in their lives.

# Vision and objectives

- To Make sure that 100% of the youth that undergo through our program makes it to tertiary education.
- Involve communities and individuals in the betterment of Namibian youth
- To involve young people in the design, implementation, deliverance of programs and services
- Create youth clubs across the nation and offer safe, diverse, culturally enriching and intellectually stimulating after school activities
- Encourage young people to have a vision and a sense of mission in their lives
- Inspire and motivate young people to become responsible citizens locally, regionally and globally
- Support young people in their personal growth in positive directions

# Motto

- Education
- Self Reliance
- Development

# The Three Skills

- **Social skills:** The aim behind the social skills to encourage all members to bond. For the first 30 minutes of the meeting, the members would chat here and there and recapping on the week that has passed. This also gives platform for new member to feel home and get an insight about the group.
- **Intellectual skills:** This is done to boost critical thinking and independent thinking. In this regard, members engage in unprepared debates or asked to do presentation right away. These skills are aimed at preparing young people to always be ready to think and respond right away
- **Professional skills:** As part of the strategy to strengthen career guidance amongst the members, the YA often invite professionals to come and share their experience with the group. The aim of these speakers is to motivate and inspire the group. Among the professionals who spoke to the group were medical doctors, architects, anthropologists, food scientists, diamond commissioner, lawyers, politicians, teachers and nurses

# Activities

- Outreach programs to Oonte OVC, Otjiwarongo, Dordabis, Rehoboth, Hakahana, Otjomuise and Kilimanjaro
- Continue to host the Katutura Career Fair for high and primary schools annually
- Educational trips to Etosha National Park, Cheetah Conservation Fund, Waterberg Plateau Park and to the Ai //Ais Hot Springs
- Taking part in the Climate Change Conference, COP 11, SET Africa, UNAOC 5th Youth Forum, African Youth Panel, Young Social Entrepreneurs Transforming Africa and the National Youth Week.
- Providing tutorials to grade 10 and 12 members
- Establishment of Kasie Adventures
- Participated in the Gross National Happiness Study
- Hosting different exchange programs with youth from the America, Netherland and Botswana
- Volunteering at the old age home and Megameno orphanage home







# Consol Solar Jar Project

- Project was started with a grant from the National Youth Council of Namibia & Freedom House
- The Young people of Young Achievers saw the alarming rate of shacks fires in Namibia and many young people especially children loose their lives.

# Statistics of Shack fires

- 25% (541 119) live in Shacks around the country
- 29 people have died as a result of shack fires in the last 2 ½ years (Nampol 2014)
- 2012 – Jan to Dec: 105 shacks were reported
- 2013 –Jan to Dec: 143 Shack Fires were reported
- 2014 – Jan – March: 24 Shack fires were report  
(City of Windhoek)

www.namibian.com.na/index.php?archive\_id=37598&page\_type=archive\_story\_detail&page=3883

Sun 2 Nov 2014, 19:03  
Last update: 2 Nov 2014

Search current...  
Search Archive

Breaking News: 22 runs  
CSA T20: Namibia beat SWD by

News Opinions Sport Business Entertainment Oshiwambo Archive Top Reve Letters

National International Africa Enviro Agriculture

ECONOMIC NEWS | 2007-11-09

## Four families lose everything in Katutura shack fire

TANJA BAUSE

FOUR shacks with 11 rooms burned down in the Okuryangava informal settlement in Katutura on Saturday morning.

Four families lost all their belongings in the fire and only escaped with the clothes on their backs. Linda Namboza said she was in her shack when she smelled something like plastic burning.

She immediately went out to investigate and saw her neighbours sitting in front of their kambaashu selling vegetable and fruit.

Upon approaching them she saw some smoke coming from their kambaashu.

The people tried to extinguish the fire but the wind caused it to spread to adjacent shacks.

www.sun.com.na/disasters/15-left-homeless-by-shack-fire.54117

HOME LOCAL NEWS BUSINESS COLUMNS ENTERTAINMENT INTERNATIONAL NEWS LETTERS MOSHIWAMBO SPORTS SUPPLEMENTS CONTACT

Myedit.me Download Now

GONDWANA COLLECTORS NAMIBIA  
Fourteen lodges, one sentiment: Marvellous.  
Tel: 061 230 066  
info@gondwana-collection.com  
www.gondwana-collection.com  
FIND OUT MORE

## 15 left homeless by shack fire

Submitted by NamibianSun101 on Tue, 2013-08-19 08:24

DESTITUTE: Veronica Makili and Julia Amukoto and their children are among the 15 people left homeless in Okuryangava on Saturday after six shacks burnt down. PHOTO: SELMA IKELA

BUSINESS

Govt wants to buy Areva desalination plant

Discussions are in full swing for the Namibian government to buy the French-owned Areva Mine... Read more...

EDITORIAL & OPINION

Editor's Corner

Political leadership must evolve

Mubita's Anecdote

FRONTPAGE

Taskbar showing various application icons and system tray information including time (7:05 PM 11/2/2014).

www.newera.com.na/2014/07/03/winter-contributes-to-shack-fires/

15 MOST READ ARTICLES

HOME REGIONS NATIONAL FEATURES BUSINESS SPORT WORLD CONTACT

WORLD NEWS:ERRY and the Selfie - 3 months ago

## Winter contributes to shack fires

Erongo Features m July 3, 2014

www.informante.web.na/shack-fire-hell-goes.14216

HOME NEWS BUSINESS NORTHERN COASTAL OFF THE DESK LETTERS ENVIRONMENT ENTERTAINMENT SPEED SPORT CONTACT US MY STORY

## Shack fire hell goes on

Floirs Steenkamp Thursday, June 12, 2014 - 08:30

Coastal

Walvis Bay's hell week with shack fires continues, with a total of twenty shacks destroyed in a fire in Kuisebmond on Tuesday evening.

The fire broke out at around 21h00 in Kuisebmond's Khomas Hochland Street. An electric short circuit, as a result of an illegal electricity connection, is believed to be the root cause.

This devastating fire follows only days after a shack fire in Kuisebmond's Sandwich Street on Sunday evening at 21h15, which claimed the life of a woman and destroyed seventeen shacks. In the incident on Sunday night the fire was allegedly started when a burning candle was left unattended.

An eyewitness said they saw smoke coming from the shack in which the woman burned to death, but before they could save her or extinguish the fire the shack went up in flames which soon spread to cause a devastating firestorm in which not only the shacks burnt to cinders but people also suffered loss of their belongings.

Shack fires remain one of the most prominent sources of death, injury and loss of belongings in Namibian urban areas. The fact that shacks are traditionally constructed of highly-combustible materials like carton and wood aggravates the situation. Shack fires are caused by illegal electricity connections and leaving candles, lanterns and gas stoves unattended.

Share:

Videos

Prominent sectors open up to public

The Week's Newspaper

Taskbar showing various application icons and system tray information including time (8:17 PM 11/2/2014).

# Aims and objectives

- This project aims at promoting sustainable energy amongst the youths in informal settlements
- The project also aims at providing a source of light for school going children and youths to enable them to study during the night
- This will be achieved by educating young people on sustainable energy sources using the consol solar jar and providing them to school children at an affordable rate



# What has been done so Far?

- Pilot Study to determine the feasibility of the project: Windhoek Informal settlements, Suyemwa in Rundu, DRC in Swakopund, Okaku in Ondangwa, Kuvukiland in Tsumeb and Shoopala Location in Ongwediva
- Over 80 bulbs distributed to school going children in grade between 8-12
- 20 bulbs in stock



# Sustainability of the Project

- To ensure that the project is suitable we are selling the bulbs at N\$160.00 (Break even price)
- Looking for sponsors to pledge the bulbs on behalf of those who can not afford to buy them.



# Way forward

One Child One Light



Nigeria, Kenya and Tanzania

# Way forward

- Be a self sustaining Y.A project
- Cover more informal settlements in Namibia
- Get more Y.A members on Trained to assemble bulbs in India
- Partner up with an Indian Organization (One child, One light)
- More stakeholders on Board: (Min of Mines, Youth, Education and Nampower)



# Conclusion



NO



YES

# Acknowledgement

- We would like to thank the following stakeholders:
- National Youth Council of Namibia
- Freedom House
- Consol solar jars
- YA branch Co-ordinators
- WHK branch committee members

# Thank You!



## Any Q?

**Email:** [yanamibia@gmail.com](mailto:yanamibia@gmail.com)

**Face Book:** <https://www.facebook.com/pages/Young-Achievers-Empowerment-Project/221406961228848>

**Website:** [www.yanamibia.org](http://www.yanamibia.org)

**Michael:** 0813860010

**Ndilipunje:** 0814360497