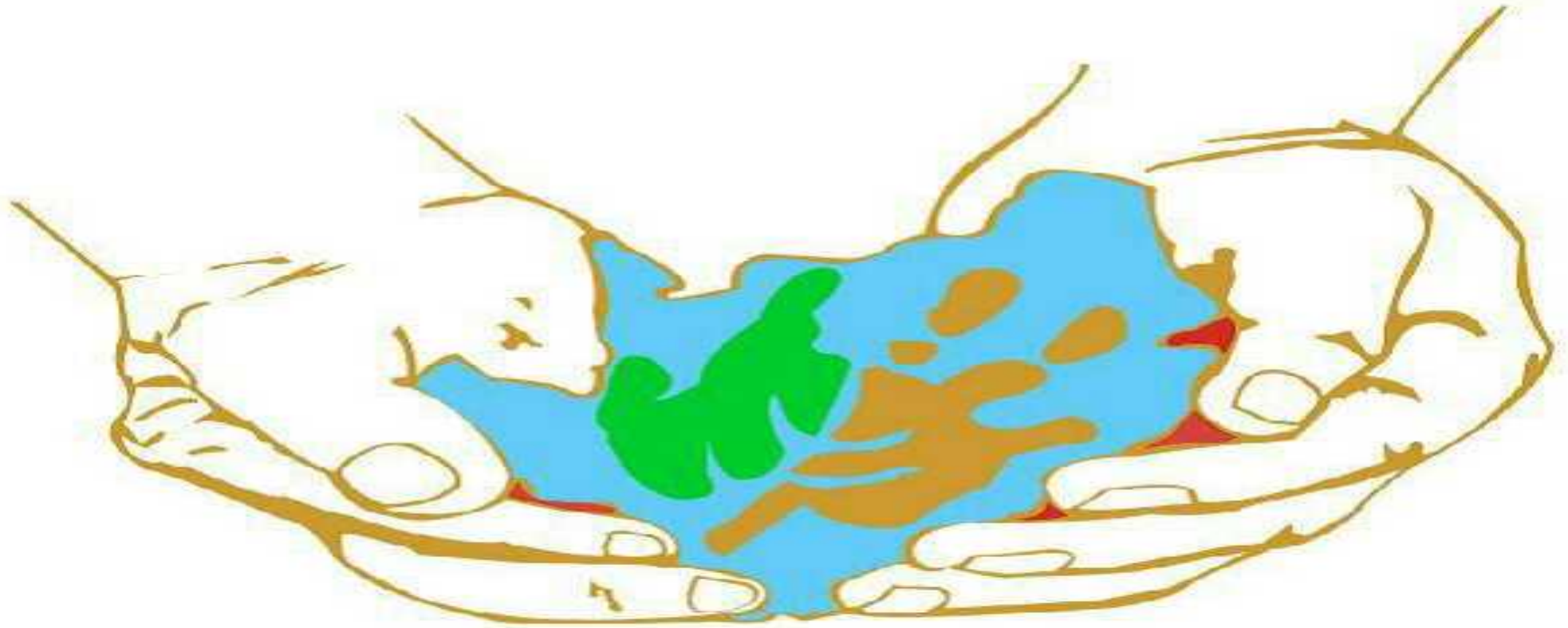


TEPRASM



TSHWARISANANG ENVIROMENTAL PRO-RE-ACTIVE SAFETY MENTORS

TEPRASM YOUR LEADING FACE TO FACE EDUCATIONAL AWARENESS ORGANIZATION

Background

TEPRASM is a non-profit organisation (NPO), formed in 2006 and is based in Alexandra. Since its formation TEPRASM was never deregistered and continues to serve poor vulnerable communities with pride.

TEPRASM was one of the leading organization that assisted with the introduction of Community Emergency Response Teams (CERT) and Public Information Education and Relationships (PIER), and introduction of the Besafe centres across Gauteng - today these two programmes are leading EMS educational programs across the country.

In 2012 TEPRASM introduced a new program that will holistically address all environmental challenges (ERRAMAP) Environment Risk Reduction Management Action Plan since the inception of ERRAMAP we have managed to reach out to more than 1.9 million households, 509 ECD' 7 old age homes and to more than 150 community health centre's without any funding.

Realities that poor vulnerable communities faces on daily basis



TEPRASM IS ALARMED BY:

- Poverty that still affects bottom of the pyramid negatively
- Negative household energy and environmental challenges
- Lack of support for NPO' that are addressing energy efficiency and environmental challenges (What is climate change?)
- Lack of resource base within vulnerable communities
- Non existence of FBAE
- Mushrooming of informal dwellings that are also playing a leading role with regards to environmental disasters
- Lack of set aside projects for the poor vulnerable communities
- lack of support for community organizations that are addressing issues of food security and local economic development
- Lack of by-laws implementation to curb the sub-standard illegal energy appliances
- Lack of awareness for consumers to be able to understand and exercise their rights as consumers through the Consumer Protection Act, that is meant to protect them
- Where are the spheres of government, and what are they doing?

PROBLEM STATEMENT UNACCEPTED HIGH NUMBER OF HARMFUL ENERGY AND ENVIRONMENTAL INCIDENTS

Daily news headlines, what do you think or what are you doing to change this?

"Fire destroys shacks again" The Star, Aug 2018

"Mom loses three kids in blaze" Sept 2018

"Faulty paraffin stoves blamed for fires" IOL, Oct 2017

"Fire eats 602 Alex shacks" Nov 2018

"Fire razes more than 300 shacks in Alexandra" February 2019

"Toddler dies in shack fire" May 2017

"3 Alex kids die in shack fire after being locked in their room by their mother May 2018"

"More than 2300 shacks are destroyed by shack fires in George Gogh area annually September 2018"

RAPID URBANIZATION & POPULATION GROWTH

- Overcrowding → spread of fires

- Rapid urbanization is likely to lead to increase in number and size of informal settlements
- Overcrowding → spread of fires
- Increased burden on already struggling electricity scenario in SA
 - increase in alternative fuels such candles, paraffin, gas, coal and wood



PROBLEM STATEMENT



Unsafe energy systems

- Contaminated paraffin
- Illegal and unsafe appliances
- Illegal electrical connections
- Unsafe storage of liquid fuels in settlements
- Sub – standard illegal appliances of inferior quality
- Shortage of safe paraffin appliances in SA
 - high incidence of illegal stoves in the market
- Escalating cost of electricity that leads onto increase in illegal connections and increased dependency on other fuels such as paraffin, candles, coal, wood that are harmful to the end-users health.

LACK OF FREE BASIC ALTERNATIVE ENERGY

- Poorly demarcated areas in the home – typical in informal housing may lead to an increase in fires and burns poor distinction between kitchen, living area and bedroom
- Enormous poverty levels in SA – high cost of electricity, consumers continue to rely on other energy sources to meet household needs...
- FBE may not solve problem, as households will continue to use alternative fuels like paraffin for thermal needs (cooking and heating); electricity will be used to lighting, fridge etc.

Young children are particularly vulnerable to burns and ingestion injuries

Multiple energy sources contribute to burns, especially if they are used by people that are not well informed...

Electricity and paraffin are the most prominent – our communities are still scared of using gas,

There's a huge need for household energy safety policy for all energy sources, as paraffin and candles aren't the only problem

ERRAMAP Environmental Risk Reduction Management Action Plan

- Train the trainer
- Energy efficiency and environmental educational door to door awareness
- Environmental scanning & Community mobilization model
- Learn not burn, how to treat burn wounds, proper housekeeping
- Pre and primary schools awareness and readiness programs
- Urban farming
- Independent business owners
- Consumer protection awareness programs
- Enforcement of consumer protection –
- Bring COGTA to the impoverished communities

SOLUTIONS

This harm is preventable;

- A national household energy safety policy
- Better formal and informal housing solutions (reduce energy demand)
- Failsafe household energy systems
 - Energy Transmission (distribution, containers)
 - Energy consumption (better appliances)
 - Potential for local economic development
- Formal Education curricula
- Awareness campaigns
- Enforcement and
- Forensic evidence
- Introduction of FBAE
- Enforcement of by-laws

TEPRASM FIELDWORKERS AT WORK



TEPRASM URBAN FOOD SECURITY TEAMS



PRE-SCHOOL HOUSEHOLD ENERGY AWARENESS & URBAN FARMING ASSESSMENT



HOW TO ENGAGE COMMUNITY ON RISK REDUCTION PARTNERSHIP

A key component for effective risk reduction is face to face interaction with community members, this can be achieved through public events, fire station visits as well as home visit.

THE THREE BENEFITS PRODUCTS OF CRR

material distribution

- Direct contact with the public
- Face to face interaction
- Life safety & emergency preparedness awareness
- Create conversations that promote risk reduction initiatives and to ensure that communities take ownership of household energy and environmental safety

WHY IS TEPRASM A LEADING FACE TO FACE EDUCATION ORGANIZATION

TEPRASM is SA' leading face to face educational organization



DOOR TO DOOR

- It has specialized educational programmes for different audiences
- Educational door to door
- Enumerators
- Various household energy safety topics addressing vast number of energy carries
- Advance child mother educational strategies
- Advanced household energy safety strategies
- Learn not to burn programmes
- How to treat burn injuries?
- What to do in case of fire
- How to treat paraffin/chemical poisoning?
- Community development initiatives
- Candle safety
- And many more other programmes

OUR EDUCATIONAL AWARENESS PROGRAMS ARE NOT ONE SIZE FITS ALL



CRECH INTERVENTION

End-users taking ownership of household energy safety

TEPRASM' ACHIEVEMENTS

TEPRASM has been developing communities for the past 9 years, the effectiveness of its interventions can be seen through the reduction of shack fire around Gauteng informal dwellings that TEPRASM has been intervening into: informal settlements in areas like Ivory Park, Alexandra, Tembisa, Saulsville, Diepsloot, Knysand and many others had least shack fires since 2013, and we would like to be proved otherwise if it was not through our robust awareness interventions.

Sometimes February 2015 we visited the burns unit at the Chris Hani Hospital in Joburg, and we found +55% of beds empty, and the Sister in charge informed Prof. Annegarn and myself that there' been some decline with regards to burn patients in the past year or so, for the organization that has visited more than 1 710 000 households, and more than 3,9 million people benefited from our educational interventions since our formation.

CONCLUSION

TEPRASM is hopeful that the return of ENERKY will bring back the commitment that was demonstrated some 7-8 years ago...TEPRASM is readily available to continue as a reliable and committed stakeholder as always. After 14 years without funding TEPRASM is still here, and becoming stronger & stronger.

By addressing some of the minor needs may bring some dignity and a sense of belong to our informal dwelling communities, the bottom of the pyramid.

Yours in communities' development

Joe Baleka - CEO TEPRASM

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THANK YOU...

QUESTIONS???