



REGIONAL CENTRE OF
EXPERTISE ON EDUCATION FOR
SUSTAINABLE DEVELOPMENT
RCE MINNA

**REGIONAL CENTRE OF EXPERTISE
(RCE) MINNA**

Programme BOOKLET

**27TH
TO 29TH
AUGUST
2024.**

**9AM-2PM
DAILY**

3RD

GREEN FINGERS PROGRAMME 2024



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The Program: Green Fingers

GFP is an environmental program designed to teach children between the ages of 5 – 10 years the causes and consequences of environmental degradation due to human activities and how they can contribute in reducing the negative effects. The program has, among its components, issues that address health, water, sanitation, environmental awareness, and protection of our ecology, SDGs and tree planting –particularly multi- purpose trees with nutritional and medicinal benefits.

Tree planting, especially fruit trees provide multiple benefits to human beings and the environment by conserving the fragile ecosystem and providing source of nutrition and medicine thereby improving the health and wellbeing of the population in order to foster environmental sustainability and culture of protecting our ecosystem as well as ensuring uninterrupted supply of fruits. There is need to instil the culture of tree planting, most especially fruit trees, among the younger generation.

Program objective:

The overall objective of the programme is to provide a good learning environment for children within the age bracket of 5-10 years through hands-on training on tree planting and to encourage the children to establish their own garden as a means of reversing the negative effects of climate change and also to support in achieving the Sustainable Development Goal (SDG) and the Green Economy vision of the state

government in their various communities and/or environment. The programme equally aimed at supporting the discuss on the Africa 2063 Agenda by introducing to the children the basic aspirations of the Agenda as they are expected to be the key players by the target period of 2063.

Benefits of the Green Fingers (Environmental Summer School for Children (ESSC)) Program:

The benefits of the program are multifaceted and include:

- I. Introducing children to the importance of tree planting and home garden from a young age.
- II. Encouraging children to plant trees with emphasis on planting trees with nutritional and medicinal values.
- III. Introducing children to causes and impact of climate change and how they can act to ameliorate or reverse it.
- IV. Affording kids, the opportunity of gaining valuable knowledge about the nutritional benefits of fruits and trees in our communities.

Expected outcomes:

At the end of the program, it is expected that the children would have learned the following:

- I. Know the importance of tree planting and why maintaining one at their various homes is important.
- II. Have the knowledge of the kinds of trees to plant and know their nutritional and medicinal values.
- III. Understand what is climate change and global warming and its impact on their communities.

This Year's Green Fingers

This year's event is in memory of the Initiator of the Green Fingers Programme, Late Arch. Hassana Gambo, a beloved friend, family member, and community member who passed away on 17th of March, 2024. Arch. Hassana Gambo was known as an active environmental enthusiast and her commitment to serving humanity, supporting initiatives and birthing ideas that improve our community, hence, the need to commemorate her life with this year's event which reflects these values.



Hassana once said:

“Strive to convert what you do daily as an act of ibadah (this is what I call smart moves to paradise). If you are a lecturer: go an extra mile to help your students and declare it a sadaqah, fashion designer : give free marriage advise to your bridal clients as sadaqah, a contractor : offer free advice or support in other aspects of the project you are not paid for, a doctor : smile and give confidence to your patients, nurse: give your patients a hug or hold their hands when in pain, Banker: tell your customers you believe in their hassles and add to their confidence.”

.....Hassana Gambo.

Event Details:

The programme is scheduled to hold from 27th to 29th August, 2024 at the RCE Minna Resource Center. The event will include learnings on Environment and Biodiversity, the SDGs and Green Economy, sanitation and wellbeing. Other aspects include painting, drawings, and of course there will be tree planting demonstration, something that was dear to Arch. Hassana Gambo's heart as she once shared " If you want to hear the sound of the bird, don't buy a cage, Plant a tree".

Planned Activities under the GFRCE project:

- * Fruit & Shades Tree planting - Fruit Tree species will range from Mangoes, Oranges and Guavas.
- * Demonstrations - Children will present quotes by Arch. Hassana Gambo
- * Environment Awareness – Children will learn about nutritional values from fruits, the value of planting trees and how to care for them in a sustainable way.
- * Children would recite the Green Finger's anthem.
- * Short video clips about our environment
- * Quiz
- * Presentation of gifts and certificates for GF kids and coordinators.

GREEN FINGERS 3.0

Schedule of Activities

Time	Activity	Facilitator
Day 1: 27th August, 2024		
9:00am-9:30am	Arrival and Registration	Zainab and Sadiq
9:30am-10:00am	Opening/Welcome remarks	Martha/Dr. Abdul
10:00am-10:20am	Introduction of the Green Fingers Anthem	Martha
10:20am-10:40am	Brief background on RCE Minna	Usman
10:40am-11:00am	Screening of Short Videos: Plastik: A Short film to end Plastic pollution in South-East Asia	Akibu
11:00am-11:45am	Drawing and Painting	Zainab and Abubakar H.
11:45am-12:15noon	Tea Break	Jemimah and Zainab
12:15pm-1.00pm	Introduction to Tree Planting and its Benefits	Mal. Salihu
1.00pmpm-1:30pm	Closing	Martha
Day 2: 28th August, 2024		
9:00am-9:15am	Green Fingers Anthem and Recap	Martha
9:15am-9:40am	Role of Kids in Environmental Sanitation	Babagana
9:40am-10:10am	Short video by Sayari Team from Kenya	Abdullahi
10:10am-10:55am	Climate Change and Environmental Pollution from our Homes	Abubakar Hussaini
10:55am-11:35noon	Understanding the SDGs and the Agenda 2063 for Africa	Akibu
11:35am-12:00pm	Lunch	Martha and Zainab
12:00pm-12:45pm	Quotes by Late Arc. Hassana Gambo	Martha
12:45pm-1:10pm	Games	Sadiq/Usman
1:10pm-1:30pm	Assignment/Recap/Closing	Martha

Day 3A: 29th August, 2024

9:00am-9:30am	Green Fingers Anthem and Recap	Martha
9:30am-10:50am	Tree Planting Demonstration	Mal. Salihu/Abdullahi
10:50am-12:00pm	Visit to RCE Minna Garden and Planting in the Vast	Mal. Salihu/Team
12: 00-12:15pm	Lunch	Zainab and Sadiq
12:15 pm-12:30pm	Rehearsals for closing	Martha and Zainab

Day 3B: Graduation/Closing Ceremony

12:30pm-12:35pm	Opening Formalities	Martha
12:35pm-12:40pm	Green Fingers Anthem	Martha/Participants
12:40pm-12:50pm	Welcome Remarks	Dr. Francis Gana
12:50pm-1:05pm	Overview of RCE Minna and the Green Fingers Programme	Dr. Abdul
1:05pm-1:15pm	Experience Sharing from Previous Participants (GF 1.0 and 2.0)	Martha
1:15pm-1:25pm	Goodwill Message by Martha Kagiri	Martha Kagiri
1:25pm 1:40pm	A Memorial on Late Arc. Hassana Gambo and Reflection by Green Fingers Participants.	<ul style="list-style-type: none"> • Dr. Aisha Gambo • Dr. Mustapha Gambo
1:40pm-1:50pm	Goodwill Message from Parents and Guest	Martha/Dr. Abdul
1:50pm-2:00pm	Presentation of Certificates to GF Participants	Martha/Dr. Abdul
2:00pm-2:05	Closing Formalities/Group Photograph	Martha



INTRODCUTION TO CLIMATE CHANGE FOR KIDS
ADOPTED FROM NATIONAL GEOGRAPHIC KIDS
FOR RCE MINNA/NES GREENFINGERS SUMMER CLASS FOR KIDS, 2024.

We've all heard of it, **but what is climate change and what is it doing to our planet?**



So, what is climate change?

Climate change (or **global warming**), is the process of our planet heating up.

The **Earth** has warmed by an average of 1°C in the last century, and although that might not sound like much, it means big things for people and wildlife around the globe.

Unfortunately, rising temperatures don't just mean that we'll get nicer weather – *if only!* The changing climate will actually make our weather more **extreme** and **unpredictable**.

As temperatures rise, some areas will get wetter and lots of animals (and humans!) could find they're not able to adapt to their changing climate.

Source:

What causes climate change?

1. Burning fossil fuels



Over the past 150 years, industrialised countries have been burning large amounts of fossil fuels such as oil and gas. The gases released into the atmosphere during this process act like an invisible 'blanket', trapping heat from the sun and warming the Earth. This is known as the "Greenhouse Effect".

2. Farming



Believe it or not, cows' eating habits contribute towards greenhouse gases. Just like us, when cows eat, methane gas builds up in their digestive system and is released in the form of... a fart! This might sound funny, but when you imagine that there are almost 1.5 billion cows releasing all that gas into the atmosphere, it sure adds up!

Source:

3. Deforestation



Forests absorb huge amounts of **carbon dioxide** – a **greenhouse gas** – from the air, and **release oxygen** back into it. The **Amazon rainforest** is so large and efficient at doing this that it is often called '**the lungs of the Earth**'. Sadly, many rainforests are being cut down to make wood, palm oil and to clear the way for farmland, roads, oil mines, and dams.

How will climate change affect the planet?

The Earth has had many **tropical** climates and **ice ages** over the billions of years that it's been in existence, so why is now so different? Well, this is because for the last 150 years human activity has meant we're releasing a huge amount of harmful gases into the Earth's atmosphere, and records show that the global temperatures are rising more rapidly since this time.

A warmer climate could affect our planet in a number of ways:

- **More rainfall**
- **Changing seasons**
- **Shrinking sea ice**
- **Rising sea levels**

Source:

How will climate change affect wildlife?



Climate change is already affecting wildlife all over the world, but certain species are suffering more than others. **Polar animals** – whose icy natural habitat is melting in the warmer temperatures – are particularly at risk. In fact, experts believe that the **Arctic sea ice** is melting at a shocking rate – **9%** per decade! **Polar bears** need sea ice to be able to hunt, raise their young and as places to rest after long periods of swimming. Certain **seal** species, like **ringed seals** make caves in the snow and ice to raise their pups, feed and mate.

It's not just polar animals who are in trouble. **Apes** like **orangutans**, which live in the rainforests of **Indonesia**, are under threat as their habitat is cut down, and more droughts cause more bushfires.

Sea turtles rely on **nesting beaches** to lay their eggs, many of which are threatened by rising sea levels. Did you know that the temperature of nests determines whether the eggs are male or female? Unfortunately, with temperatures on the rise, this could mean that many more females are born than males, threatening future turtle populations.

How will people be affected by climate change?



Climate change won't just affect animals, it's already having an impact on people, too. Most affected are some of the people who grow the food we eat every day. Farming communities,

Source:

especially in **developing countries**, are facing higher temperatures, increased rain, floods and droughts.

Most developed countries love a good **cuppa**, (cup of tea) (around **165 million** cups of the stuff every day!), but we probably take for granted just how much work goes into growing our tea. Environmental conditions can affect the flavour and quality plus it needs a very specific rainfall to grow. In Kenya, climate change is making rainfall patterns less and less predictable. Often there will be droughts followed by huge amounts rain, which makes it very difficult to grow tea.

Farmers might then resort to using cheap **chemicals** to improve their crop to earn more money, even when long-term use of these chemicals can destroy their soil.

How are people coping with climate change?



Buying **Fairtrade** products (**Fair trade** is an institutional arrangement designed to help producers in developing countries achieve better trading conditions) can help make sure a farmer is paid a fair wage. This means they can cover their costs, earn enough money to have a decent standard of living, and invest in their farms to keep their crop healthy, without needing to resort to cheap methods of farming which can further damage the environment.

This support also helps farmers to replace **eucalyptus trees** – which take up a lot of water – with **indigenous trees** that are better for the farmers' soil. They can learn to make **fuel-efficient stoves** which will not only make them a little extra money, but also reduce the **carbon footprint** of the community – *cool!*

Source:

How can I help prevent climate change?



Small changes in your own home can make a difference, too. Try switching to energy-saving lightbulbs, walking instead of using the car, turning off electrical items when you're not using them, recycling and reducing your food waste. All these little things can make a difference.



FIVE TOP CONSERVATION TIPS!

How can you help save our planet?

Check out these five super-simple environment-saving tips...



1. Avoid Palm Oil!

Love biscuits? You're not the only one – Britain consumes a whopping 4.4 million biscuits every day! But while everyone is aware that biccies aren't the healthiest of treats, what a lot of people don't know is that biscuits can also be bad for the planet. That's because most of them contain **palm oil**, and to make way for palm oil plantations, **rainforests are being destroyed**. In fact, palm oil production is one of the biggest reasons for deforestation around the world. As forests are torn up, the endangered species that live in them — like orangutans, elephants and gorillas — suffer too.

What's In it? Palm oil is not just found in biscuits — it's also in **thousands of other items**, from sausage rolls and bread to make-up, soaps and even a new type of fuel.

What Can You Do? Don't worry – we're not suggesting a total biscuit boycott! Thankfully, more companies are using **sustainable palm oil**, which is grown in ways which doesn't destroy rainforests and other vulnerable habitats..

Source:



2. Turn Off The Taps!

You wouldn't flush the toilet the whole time you were on it, would you?! But some folks leave the tap running while they're cleaning their teeth – which could waste 35,000 litres of water per family per year. So remember to **turn those taps off** while you're brushing – because you'll save water AND money. Bonus!



3. Be Switched On – Switch Off!

We are sure you already turn the lights off when you leave a room. But have you noticed those other little lights that continue to glow in the dark? The tiny red or green ones on your TV, computer and stereo? Well, those “stand-by” lights show that energy is still being used. So **switch off all your gadgets** at the mains. It could cut electricity use in your home by up to 10%. Wow!

Source:



4. Don't Be Car Crazy!

Sometimes car journeys are unavoidable, like when you've got a massive supermarket shop to do, or the whole family goes to visit Grandma. But are all of them *really* necessary? **Walking, cycling** and taking **public transport** are way better for the planet – especially when you think that a double-decker bus carries the same number of people as 20 cars!



5. Say "No" To Plastic Bags!

Did you know that a single plastic bag can take up to 500 years to fully disintegrate in landfill? And that around 1 trillion bags are used every year worldwide? Wow! Next time you hit the shops, **take a reusable canvas bag** with you, instead. Simple!



THE GLOBAL GOALS
For Sustainable Development

THE PLANET



AND THE 17 GOALS

A COMIC ABOUT
THE GLOBAL GOALS FOR SUSTAINABLE DEVELOPMENT
BY MARGREET DE HEER
PART OF THE COMICS UNITING NATIONS INITIATIVE

pci media impact 
tell a story, change the world.



THIS COMIC IS **FREE** TO REPRODUCE AND SPREAD AROUND THE GLOBE!



BY: MARGREET DE HEER

A TO DO LIST FOR THE PLANET



THE GLOBAL GOALS
For Sustainable Development

TO DO LIST FOR THE PLANET

1. NO POVERTY
2. ZERO HUNGER
3. GOOD HEALTH AND WELL-BEING
4. QUALITY EDUCATION
5. GENDER EQUALITY
6. CLEAN WATER AND SANITATION
7. AFFORDABLE AND CLEAN ENERGY
8. DECENT WORK AND ECONOMIC GROWTH
9. INDUSTRY, INNOVATION AND INFRASTRUCTURE
10. REDUCED INEQUALITIES
11. SUSTAINABLE CITIES AND COMMUNITIES
12. RESPONSIBLE CONSUMPTION AND PRODUCTION
13. CLIMATE ACTION
14. LIFE BELOW WATER
15. LIFE ON LAND
16. PEACE AND JUSTICE
17. PARTNERSHIPS FOR THE GOALS

THIS LIST WAS MADE BY:
THE UNITED NATIONS
AN INTERNATIONAL ORGANIZATION
THAT COUNTS VIRTUALLY
EVERY COUNTRY IN THE WORLD
AS A MEMBER

WHAT A **GREAT IDEA!** THIS MAKES IT REALLY CLEAR WHAT NEEDS TO BE DONE!

WELL, GOOD LUCK WITH THAT! LET US KNOW WHEN YOU'RE DONE AND WE'LL THROW YOU A PARTY!

HOLD IT!

YOU ARE ALL PART OF THIS TOO, YOU KNOW!

WE'RE ALL IN THIS **TOGETHER!**

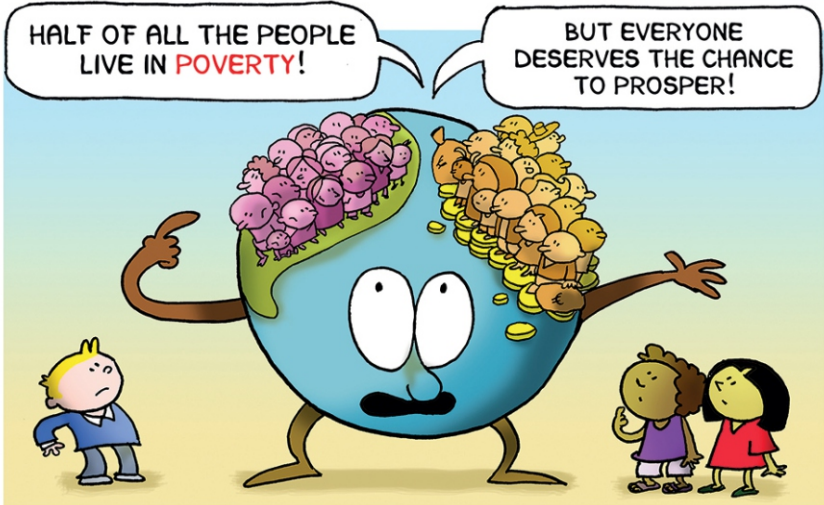




GOAL 1: NO POVERTY



BY: MARGREET DE HEER



WE CAN MAKE SURE THERE IS **EQUAL ACCESS** TO THINGS LIKE:

BASIC SERVICES

LABOR & LAND

TECHNOLOGY

BUSINESS AND JOB OPPORTUNITIES





GOAL 2: ZERO HUNGER

BY: MARGREET DE HEER

2
ZERO
HUNGER



SOME PEOPLE HAVE **SO MUCH FOOD** THEY THROW PART OF IT AWAY, WHILE OTHERS HAVE **TOO LITTLE**, OR TOO MUCH OF ONLY ONE SORT OF FOOD...



EATING ONLY ONE SORT OF FOOD CAUSES ALL KINDS OF WEAKNESSES

HERE'S WHAT WE CAN DO ABOUT IT!

END MALNUTRITION

IMPROVE EDUCATION AND SOCIAL PROGRAMS FOR MOTHERS, CHILDREN AND THE ELDERLY

SUPPORT SMALL FARMERS ESPECIALLY WOMEN AND INDIGENOUS PEOPLE



PREVENT/MANAGE NATURAL DISASTERS

SUCH AS FLOODING!



PROTECT VARIETY OF CROPS AND FARM ANIMALS





GOAL 3: GOOD HEALTH AND WELL-BEING

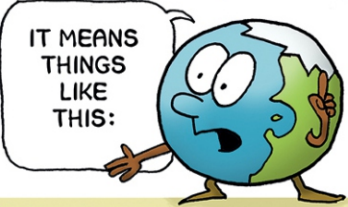


BY: MARGREET DE HEER

GOOD HEALTH AND WELL-BEING...?



WHAT DOES THAT REALLY MEAN...?



IT MEANS THINGS LIKE THIS:

1. A SAFE AND HEALTHY BIRTH FOR MOTHER AND CHILD

CHILD BIRTH CAN BE PRETTY DANGEROUS! WITH PROFESSIONAL SUPPORT THE RISK OF DEATH OR COMPLICATIONS IS MINIMIZED.

2. LIVING THROUGH EARLY CHILDHOOD

CHILDREN UNDER THE AGE OF FIVE ARE ESPECIALLY VULNERABLE. THEIR HEALTH CAN BE STRENGTHENED BY VACCINATIONS AND PROPER FOOD.

3. PROTECTION FROM PREVENTABLE DISEASES

EPIDEMICS CAN BE PREVENTED AND MANAGED. PEOPLE WHO CONTRACT A CONTAGIOUS DISEASE MUST GET QUALITY TREATMENT.

4. FREEDOM FROM ADDICTION

EDUCATE PEOPLE ABOUT ADDICTION AND PROVIDE TREATMENT FOR AFFECTED PEOPLE.

5. KNOWING YOUR BODY AND RIGHTS

IMPROVE INFORMATION ABOUT – AND ACCESS TO – SERVICES RELATED TO SEXUAL AND REPRODUCTIVE HEALTH.

6. ACCESS TO HEALTH CARE

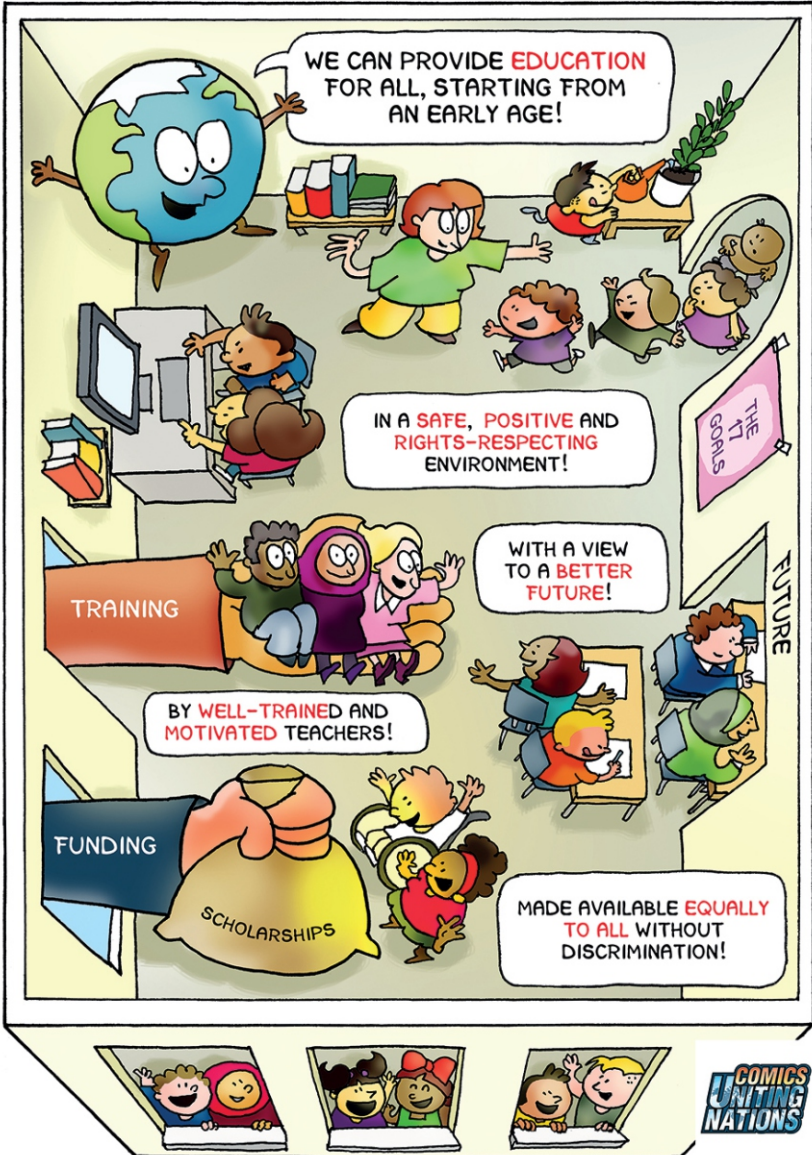
PROVIDE ACCESS TO ESSENTIAL HEALTHCARE SERVICES, MEDICINES AND VACCINATION FOR ALL.





GOAL 4: QUALITY EDUCATION

BY: MARGREET DE HEER





GOAL 5: GENDER EQUALITY

5 GENDER
EQUALITY



BY: MARGREET DE HEER



WOMEN AND GIRLS WORLDWIDE OFTEN LIVE DISADVANTAGED LIVES! HERE'S WHAT WE CAN DO ABOUT IT!



1. END ALL VIOLENCE AGAINST WOMEN AND GIRLS INCLUDING TRAFFICKING, SEXUAL EXPLOITATION, FORCED MARRIAGE AND FEMALE GENITAL MUTILATION



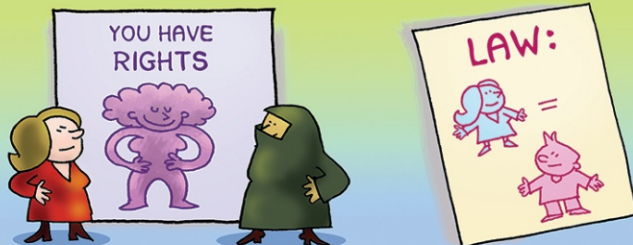
2. RECOGNIZE AND VALUE WOMEN'S WORK AT HOME



3. ENCOURAGE WOMEN AND GIRLS TO PARTICIPATE IN ALL POLITICAL, ECONOMIC AND PUBLIC SPHERES



4. EQUAL RIGHTS UNDER THE LAW



COMICS
UNITING
NATIONS

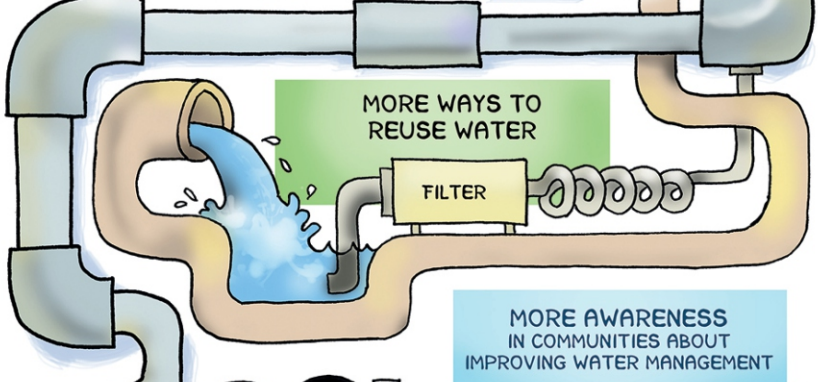
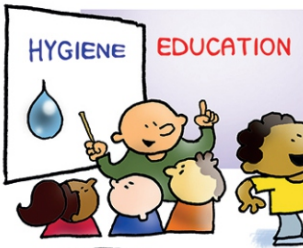


BY: MARGREET DE HEER

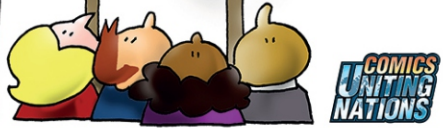
GOAL 6: CLEAN WATER AND SANITATION



WE MUST PROVIDE EVERYONE WITH:



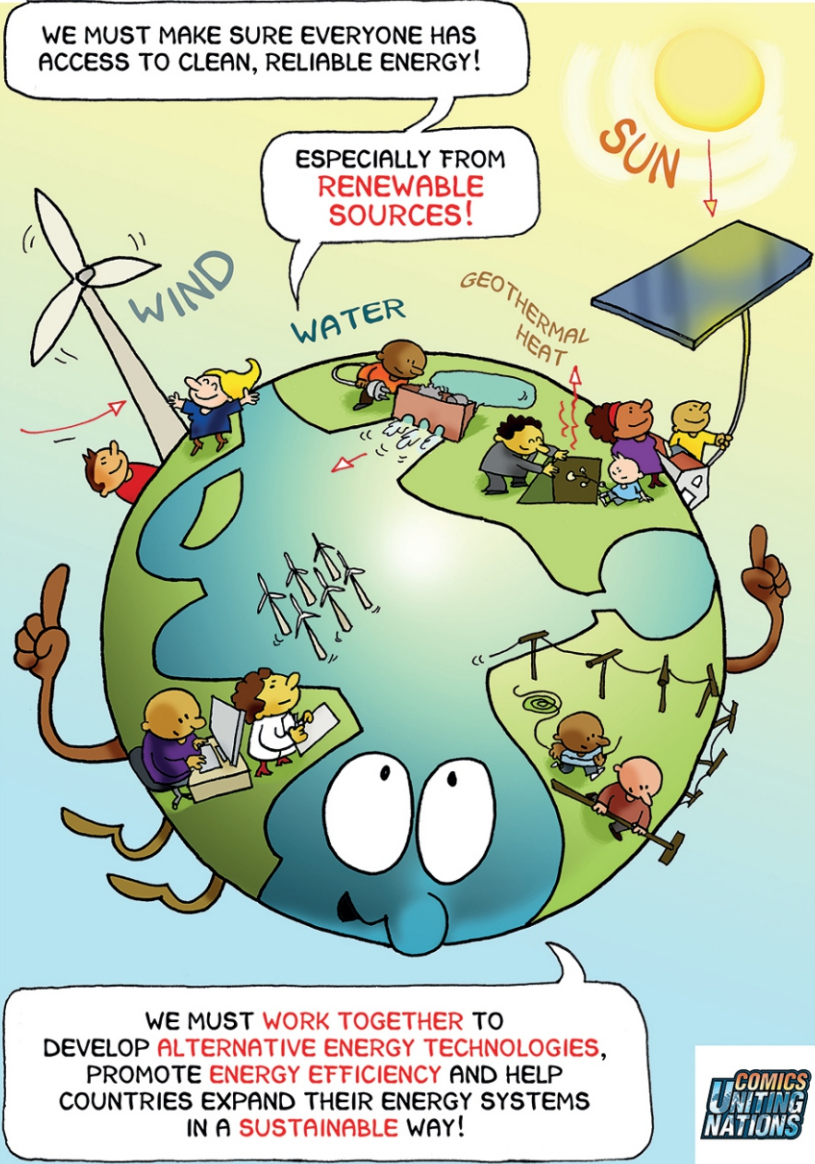
MORE AWARENESS IN COMMUNITIES ABOUT IMPROVING WATER MANAGEMENT





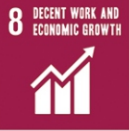
GOAL 7: AFFORDABLE AND CLEAN ENERGY

BY: MARGREET DE HEER





GOAL 8: DECENT WORK AND ECONOMIC GROWTH



BY: MARGREET DE HEER



2. BUSINESSES USE NATURAL RESOURCES WISELY

3. NO ONE IS EXCLUDED FROM WORK OPPORTUNITIES

MEN AND WOMEN PEOPLE WITH DISABILITIES YOUNG PEOPLE MIGRANT WORKERS

4. UNEMPLOYMENT IS REDUCED BY PROVIDING TRAINING

5. TO END AND PREVENT CHILD LABOR, FORCED LABOR AND MODERN SLAVERY

6. EVERYONE CAN BENEFIT FROM A GROWING ECONOMY



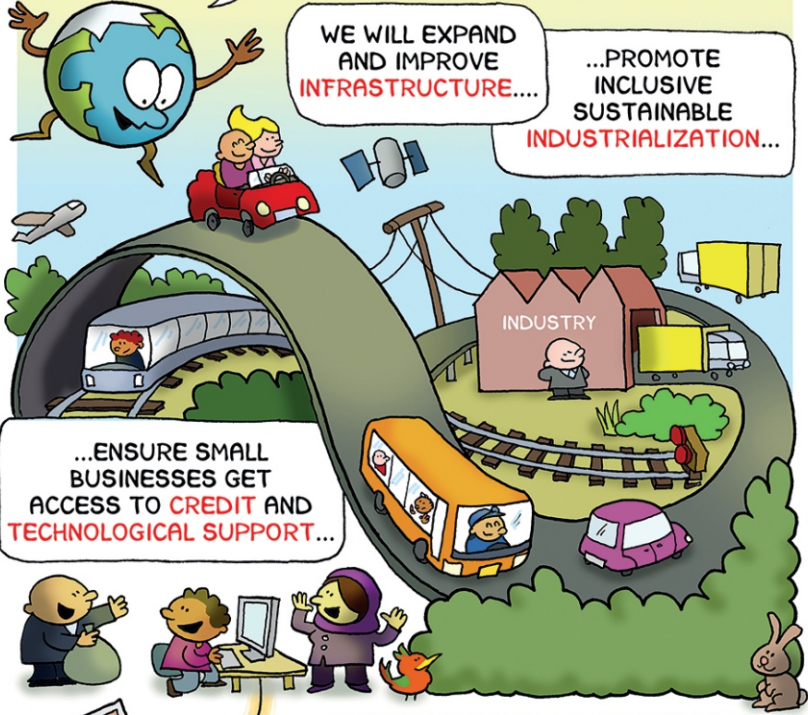


GOAL 9: INDUSTRY, INNOVATION AND INFRASTRUCTURE

BY: MARGREET DE HEER



WE ALL NEED TO BE **CONNECTED** SO WE CAN WORK TOGETHER TOWARDS INNOVATION!



...AND PROVIDE **AFFORDABLE INTERNET ACCESS** FOR ALL!





GOAL 10: REDUCED INEQUALITIES

BY: MARGREET DE HEER



THE **HUMAN RIGHTS** OF ALL PEOPLE MUST BE PROTECTED AND RESPECTED!

1. PEOPLE LIVING IN POVERTY GET SUPPORT AND ACCESS TO **ECONOMIC GROWTH**

WE MUST MAKE SURE:



2. LAWS AND PRACTICES DO **NOT DISCRIMINATE** AGAINST ANYBODY

EQUAL OPPORTUNITIES AND RIGHTS



3. DISADVANTAGED AND VULNERABLE PEOPLE MUST BE **PROTECTED**

REPRESENTATION IN PUBLIC LIFE



4. PEOPLE WHO LEAVE ONE COUNTRY TO LIVE IN ANOTHER BENEFIT FROM **LAWS TO PROTECT THEM**

WELCOME!
YOU HAVE RIGHTS





GOAL 11: SUSTAINABLE CITIES AND COMMUNITIES

11 SUSTAINABLE CITIES AND COMMUNITIES



BY: MARGREET DE HEER

WE MUST ENSURE THAT CITIES AND COMMUNITIES ARE **INCLUSIVE, SAFE, RESILIENT AND SUSTAINABLE!**

EVERYONE MUST HAVE ACCESS TO **QUALITY, SAFE HOUSING** AND **BASIC SERVICES...**

...WITH **MONITORING OF WASTE MANAGEMENT** AND **AIR QUALITY.**

WE MUST **ENGAGE EVERYONE** IN PLANNING FOR IMPROVEMENT OF THEIR CITIES.

WE WILL **PROMOTE APPRECIATION AND PROTECTION** OF THE ENVIRONMENT AND CULTURE.

WE MUST PROVIDE **SAFE, ORGANIZED TRANSPORTATION** THAT IS NOT HARMFUL TO THE ENVIRONMENT.

WE MUST MAKE CITIES **RESILIENT TO DISASTER** AND **ADAPTABLE TO CLIMATE CHANGE.**



GOAL 12: RESPONSIBLE CONSUMPTION AND PRODUCTION

12 RESPONSIBLE CONSUMPTION AND PRODUCTION



BY: MARGREET DE HEER

WE MUST MAKE SURE THE **PRODUCTION PROCESS** FROM MANUFACTURER TO CONSUMER DOES NO HARM TO NATURE NOR HUMANITY AND GENERATES AS LITTLE WASTE AS POSSIBLE!



COMPANIES MUST BE **OPEN** AND **RESPONSIBLE** ABOUT THEIR PRACTICES.

WE MUST HAVE **INTERNATIONAL AGREEMENTS** FOR THE HANDLING OF HARMFUL CHEMICALS.

PROTECTING WATER. AIR & SOIL.

WE MUST PREVENT **FOOD WASTE!**



AND **KEEP THE PUBLIC INFORMED** AND **EDUCATED!**





GOAL 13: CLIMATE ACTION

BY: MARGREET DE HEER

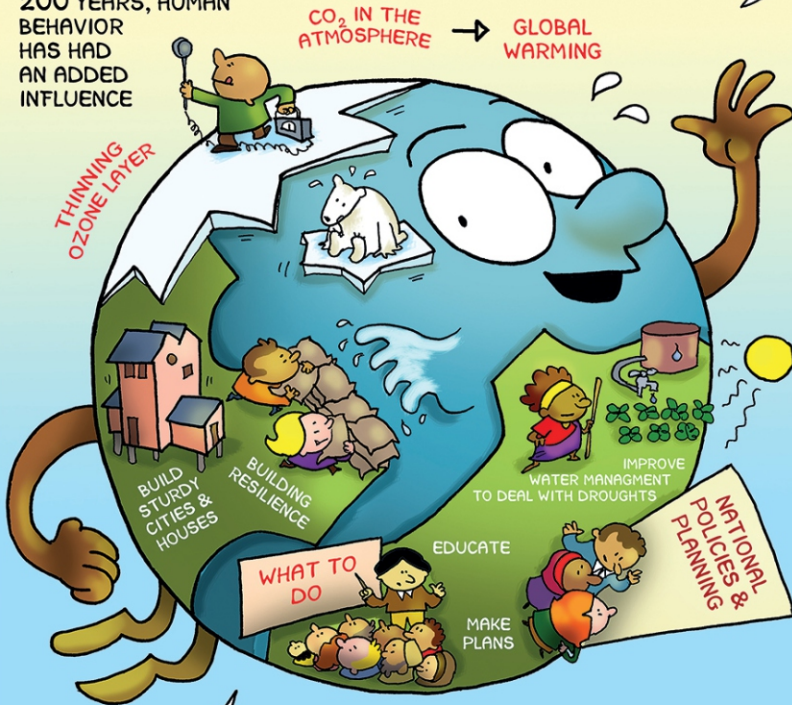
13 CLIMATE ACTION



THE CLIMATE IS CHANGING!

THE CLIMATE IS ALWAYS CHANGING NATURALLY, BUT IN THE LAST 200 YEARS, HUMAN BEHAVIOR HAS HAD AN ADDED INFLUENCE

EVEN WITH ALL THE MEASURES TAKEN, IT WILL TAKE DECADES TO REVERSE GLOBAL WARMING – SO WE MUST BE **PREPARED** TO MANAGE EXTREME WEATHER AND NATURAL DISASTERS!



ALL NATIONS MUST **WORK TOGETHER** TO HELP MITIGATE AND ADAPT TO CLIMATE CHANGE AND ITS IMPACTS FOR THE BENEFIT OF PEOPLE EVERYWHERE.





GOAL 14: LIFE BELOW WATER

14 LIFE BELOW WATER



BY: MARGREET DE HEER



MOST OF THE PLANET'S SURFACE IS WATER! HERE'S WHAT WE MUST DO TO PROTECT THE OCEANS:



1. REDUCE AND PREVENT POLLUTION



2. PROTECT ECOSYSTEMS



3. END OVERFISHING AND ILLEGAL FISHING



4. HELP FISHING COMMUNITIES TO DEVELOP SUSTAINABLE FISHING PRACTICES



5. SCIENTIFIC COOPERATION

- TO INCREASE KNOWLEDGE
- TO IMPROVE TECHNOLOGIES
- TO MINIMIZE OCEAN ACIDIFICATION



6. MAKE AND MAINTAIN INTERNATIONAL LAWS

AGREEMENTS



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GOAL 15: LIFE ON LAND

BY: MARGREET DE HEER

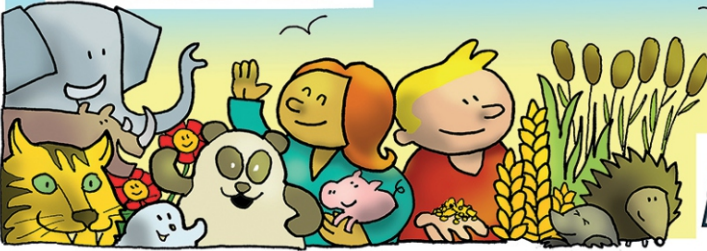


AS A PART OF THE **GLOBAL ECOSYSTEM** OURSELVES, WE NEED TO CONSERVE AND PROTECT PLANT AND ANIMAL LIFE ON LAND!



END THREATS TO **ENDANGERED SPECIES**

AND PROTECT **BIODIVERSITY!**





GOAL 16: PEACE AND JUSTICE STRONG INSTITUTIONS

BY: MARGREET DE HEER



TOO MANY PEOPLE EXPERIENCE
WAR AND VIOLENCE!
HERE'S WHAT WE MUST DO ABOUT IT:

1. END ALL FORMS OF VIOLENCE



2. ESPECIALLY VIOLENCE AGAINST CHILDREN



3. BIRTH REGISTRATION AND LEGAL IDENTITIES FOR ALL



4. EQUAL ACCESS TO JUSTICE AND LEGAL INFORMATION FOR ALL



5. COMBAT CRIME AND CORRUPTION



6. STRENGTHEN INSTITUTIONS SO PEOPLE CAN TRUST THEM



COMICS
UNITING
NATIONS



GOAL 17: PARTNERSHIPS FOR THE GOALS

17 PARTNERSHIPS FOR THE GOALS

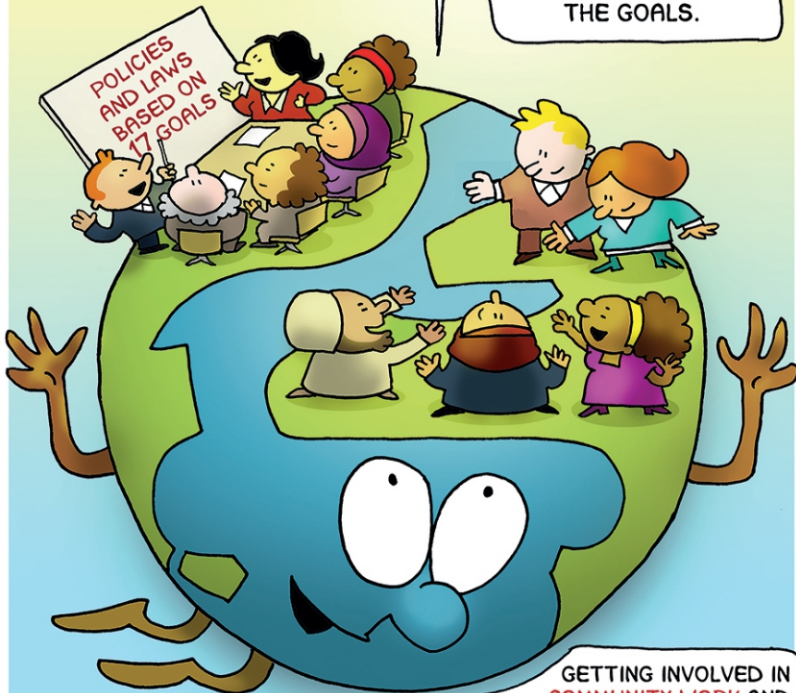


BY: MARGREET DE HEER

WE MUST MAKE SURE WE MEET THESE GOALS BY **2030!**

THEY MUST BE INCLUDED IN **NATIONAL PLANS.**

ALL COUNTRIES MUST **WORK TOGETHER** TO IMPLEMENT THE GOALS.



GOVERNMENTS MUST WORK TOGETHER WITH CONCERNED PEOPLE OF ALL AGES IN ORDER TO MAKE PROGRESS ON THE GOALS.

GETTING INVOLVED IN **COMMUNITY WORK** AND WITH **AID ORGANIZATIONS** IS A GREAT WAY TO START!



COMICS
UNITING
NATIONS

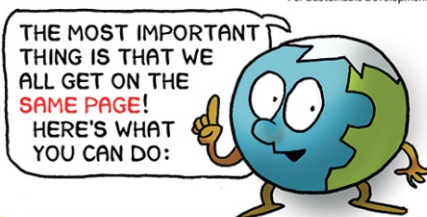


WHAT YOU CAN DO!

BY: MARGREET DE HEER



THE GLOBAL GOALS
For Sustainable Development



COMICS
UNITING
NATIONS

Agenda 2063





Agenda 2063: The Vision For 2063

The African Union Vision and the seven aspirations emanate from extensive consultations from stakeholders, cutting across all spheres of the Africa people. With these aspirations, the African people reflect their desire for shared prosperity and well-being, for unity and integration, for a continent of free citizens and expanded horizons, where the full potential of women and youth, boys and girls are realized, and with freedom from fear, disease and want.

The Vision of the African Union is to become an integrated, prosperous and peaceful Africa, driven by its own citizens and representing a dynamic force in International arena.

OUR ASPIRATIONS FOR THE AFRICA WE WANT:

1. A prosperous Africa based on inclusive growth and sustainable development
2. An integrated continent, politically united and based on the ideals of Pan-Africanism and the vision of Africa's Renaissance
3. An Africa of good governance, democracy, respect for human rights, justice and the rule of law
4. A peaceful and secure Africa
5. An Africa with a strong cultural identity, common heritage, shared values and ethics
6. An Africa whose development is people-driven, relying on the potential of African people, especially its women and youth, and caring for children
7. Africa as a strong, united, resilient and influential global player and partner

Aspiration 1: A prosperous Africa based on inclusive growth and sustainable development

Africa shall be a prosperous continent, with the means and resources to drive its own development, with sustainable and long-term stewardship of its resources. A continent where poverty is eradicated in one generation and shared prosperity is built through social and economic transformation of the continent through manufacturing, value addition and science and technology-driven innovation. The African people shall have a high quality of life, a high standard of living, sound health and well-being. The African people shall be well educated and highly skilled, with science, technology and innovation being the bedrock of its inclusive educational systems. The blue/ocean economy shall be major contributors to continental transformation and accelerated economic growth. Africa's agriculture will be modern and productive, using science, technology, innovation and indigenous knowledge. Africa shall have environmentally sustainable and climate resilient economies and communities.

Aspiration 2: An integrated continent, politically united and based on the ideals of Pan-Africanism and the vision of Africa's Renaissance

Africa shall be an integrated, united, peaceful, sovereign, independent, confident and self-reliant continent. The dream of continental unity would be attained. Africa shall have world class, integrative infrastructure that criss-crosses the continent; a dynamic and mutually beneficial links with her Diaspora; and shall be a continent of seamless borders, and management of cross-border resources through dialogue.

Aspiration 3: An Africa of good governance, democracy, respect for human rights, justice and the rule of law

Africa shall be a continent where democratic values, culture, practices, universal principles of human rights, gender equality, justice and the rule of law are entrenched. Africa shall also have capable institutions and transformative leadership in place at all levels. Corruption and impunity will be a thing of the past.

Aspiration 4: A peaceful and secure Africa

Africa shall have an entrenched and flourishing culture of human rights, democracy, gender equality, inclusion and peace. There shall be mechanisms to promote and defend the continent's collective security and interests; and there shall be prosperity, security and safety for all citizens. Africa shall be free from armed conflict, terrorism, extremism, intolerance and gender-based violence.

Aspiration 5: An Africa with a strong cultural identity, common heritage, shared values and ethics

Africa shall be a continent where Pan-African ideals are fully embedded in all school curricula and Pan-African cultural assets (heritage, folklore, languages, film, music, theatre, literature, festivals, religions and spirituality.) will be enhanced. African languages will be the basis for administration and integration and the stolen culture, heritage and artefacts are fully repatriated and safeguarded.

Aspiration 6: An Africa, whose development is people-driven, relying on the potential of African people, especially its women and youth, and caring for children

Africa shall be an inclusive continent where no child, woman or man will be left behind or excluded, on the basis of gender, political affiliation, religion, ethnic affiliation, locality, age or other factors. All the citizens of Africa are actively involved in decision making in all aspects of development, including social, economic, political and environmental. Women and youth are fully engaged and empowered to play their rightful role in all spheres of life.

Aspiration 7: Africa as a strong, united, resilient and influential global player and partner

Africa shall be a major social, political and economic force in the world, with her rightful share of the global commons (land, oceans and space). Africa shall be an active and equal participant in global affairs, multilateral institutions, and a driver for peaceful co-existence, tolerance and a sustainable and just world; and fully capable and have the means to finance her development.

AGENDA 2063 TREE

Agenda 2063, as depicted in the diagram below, is anchored on the Constitutive Act, the AU Vision, the 50th Anniversary Solemn Declaration and the African aspirations. It also builds upon national, regional and continental priorities reflected in these plans and frameworks.



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