



Art Literacy

by: Marina Sophia Flevotomas

climate change

A large, hand-drawn circular graphic in the center of the cover. It consists of several concentric rings. The outermost ring is made of green leaves. The next ring inward is yellow and contains blue water droplets. The innermost ring is white and contains the word 'YOUTH' in green, blocky letters.

YOUTH

Visual
Handbook

Acknowledgement

Gratitude

Thank you



for supporting Art Literacy: Climate Change Youth!
Thank you for supporting global youth initiatives
by providing trainings, knowledge, experience and
nurturing creativity.

Pulpo Productions: Art Literacy can be found at:

Climate4Classrooms (C4C).
climate4classrooms.org

350
350.org

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This handbook is free.

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Think About It

What fill the pages ahead are
images and words to make you
think and ...

feel

imagine

learn

collaborate

share



inspire

act

empower

connect

care

encourage

Enter with an open mind.
Question, discover and discuss.

What is climate change?

The sun gives the earth heat.

This heat is trapped in the atmosphere by carbon dioxide (CO₂) which is called the Greenhouse Effect.

We need some heat in the atmosphere in order to keep the earth warm enough for us to exist here.

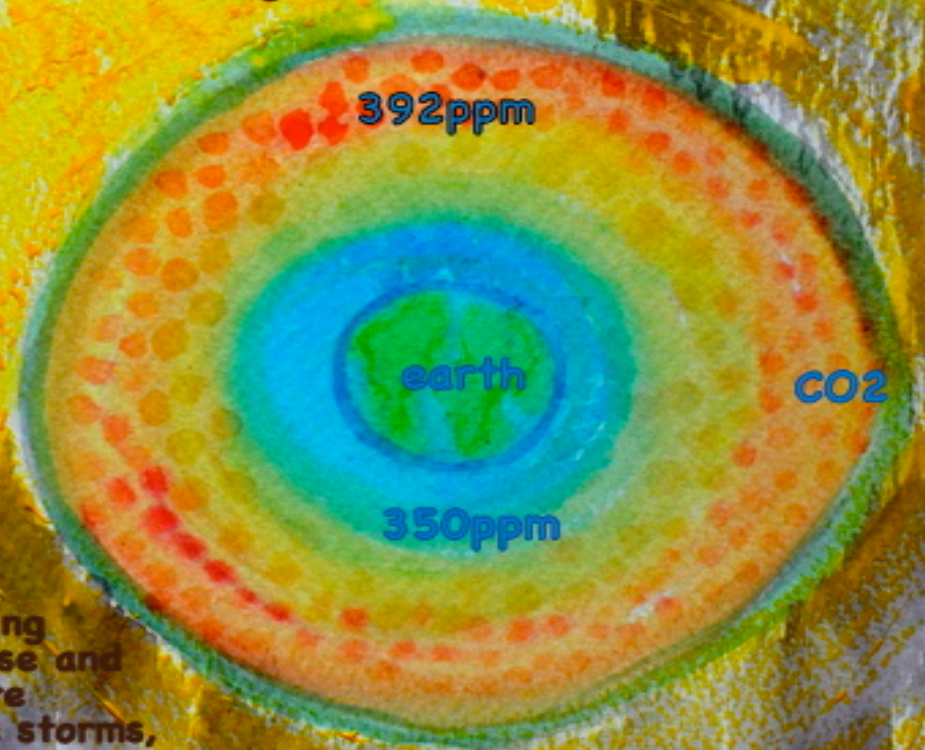
The problem is that human activities are also adding carbon dioxide to the atmosphere. This CO₂ comes from activities like flying airplanes, driving cars or heating our homes - burning fossil fuels...

When there is an increase in CO₂, too much heat is trapped in the atmosphere making the earth warmer. This is called global warming.

The consequences are climate change events like rising temperatures, melting sea ice, sea level rise and an increase in severe weather events like storms, drought and floods.

Climate change can affect entire ecosystems, wildlife, food and water supplies, oceans and plant life...

Let's take a closer look at some of the impacts climate change is having and of course we have to look at some solutions to these problems...



Earth has existed
for billions of years.

Earth

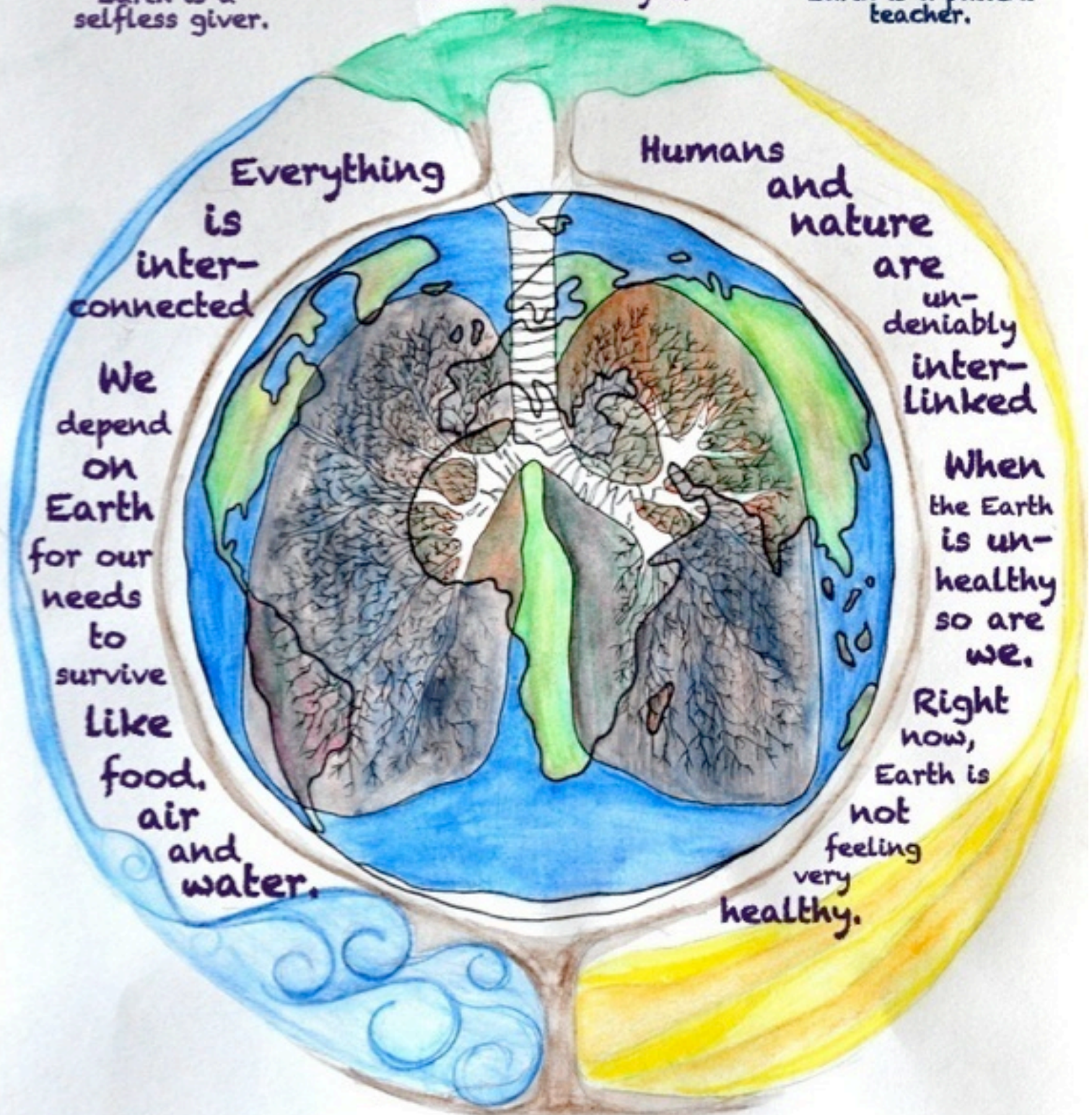
We discover new beauties
about Earth every day.

is a fascinating planet.

Earth is a
selfless giver.

What is earth to you?

Earth is a patient
teacher.



What makes Earth unhealthy?

Imagine a

about Earth.

RECIPE COOKBOOK

People are adding harmful ingredients to the Planet which are having negative impacts!

Climate Change Recipe

Fossil Fuels

Waste

Deforestation

Pollution

Deplete
Earth's Resources

War

Large dose of CO_2
for Global Warming

Can you name some
more ingredients
for the Climate Change
Recipe?

Cooking Time:
just a few years!

Serves all Life



Turn up the heat for
unsafe results!

These damaging ingredients are having wounding consequences.

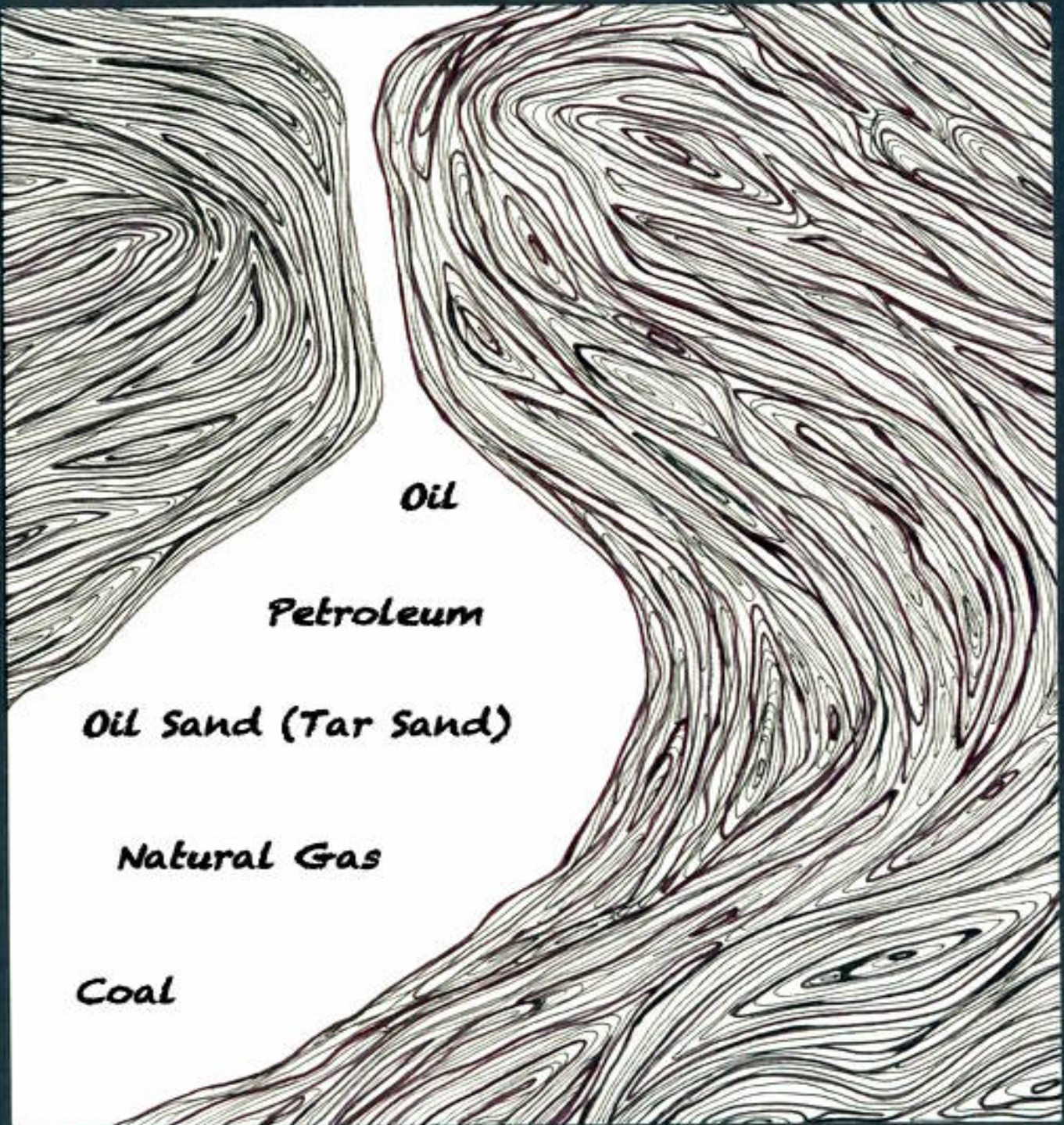
Let's take a closer look at what is happening and what we can do to turn down the heat...

Fossil Fuels

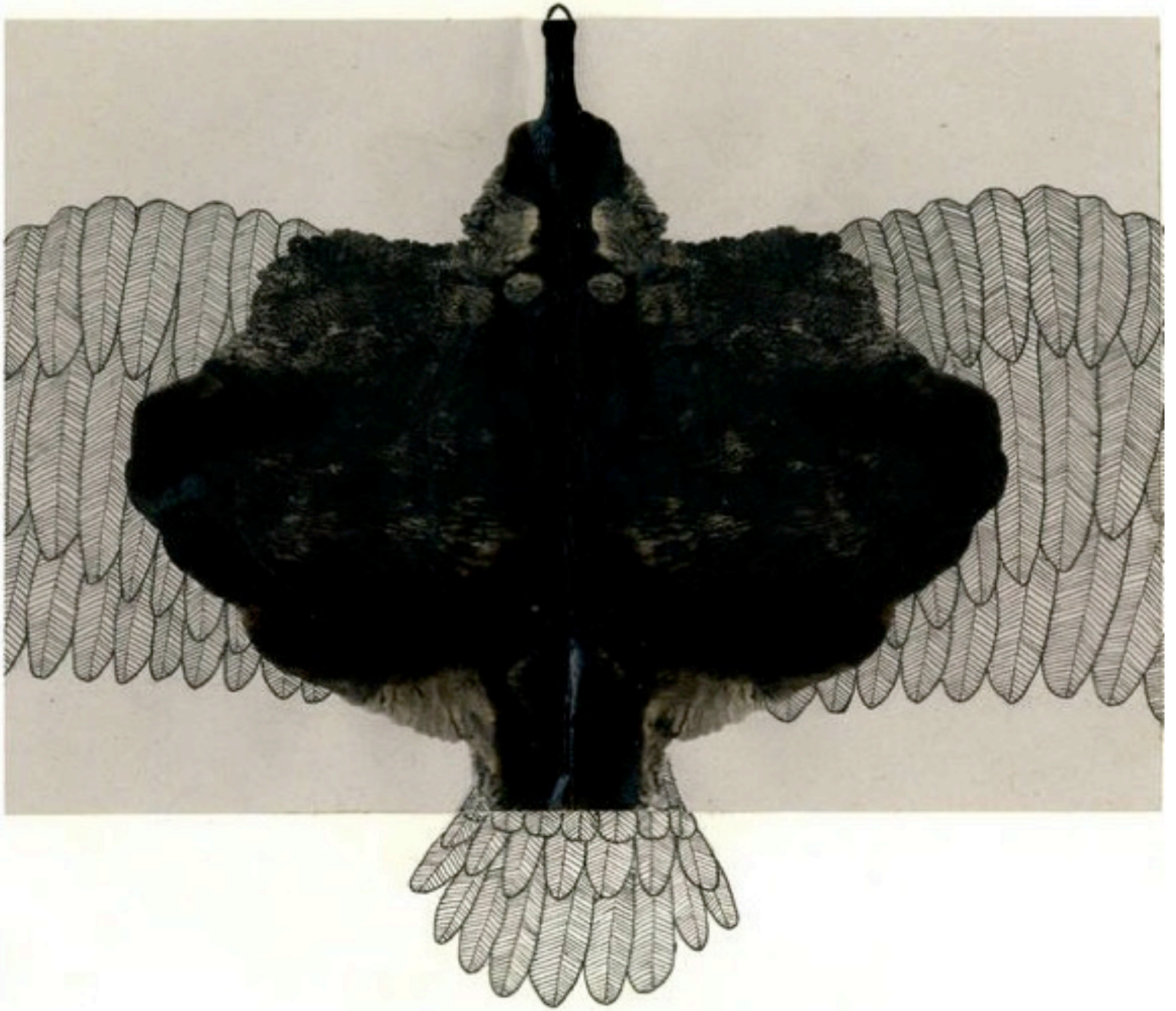
form from dead plants and animals

over a long period of time. Extracting Fossil Fuels takes a big toll on the Environment...

...and is harmful to the surrounding communities' wellbeing and livelihood.



Fossil Fuels are **non-renewable resources** because consumption is faster than the formation of new fossil fuels which take millions of years to form.



The combustion of fossil fuels contributes to air and water pollution and greenhouse gases. Methods used to extract fossil fuels are harmful to the environment and inhabitants. Oil spills and land degradation have detrimental and long-term consequences.

Every little action triggers a reaction...

©MSF

Human
use of
Fossil Fuels
contributes to
the excess of
greenhouse gases
causing global warming

The Polar Regions the Arctic and Antarctica

are experiencing rapid changes like glacier melting and polar sea ice loss. These consequences affect entire species, like Polar Bears.

It has become more difficult for Polar Bears to hunt for food and store enough energy to survive hibernation without starving.

Polar Bears and other species depend on the snow and ice for survival.

When one plant or animal is affected, it causes a ripple affect of events disrupting food chains and changing entire ecosystems.

Changes are also impacting the lives of indigenous communities in the

Arctic

Regions.

Global warming in the Polar Regions is also causing sea-level rise; threatening populations which live in coastal areas and islands.

Some small island nations are already approaching possibilities to relocate.

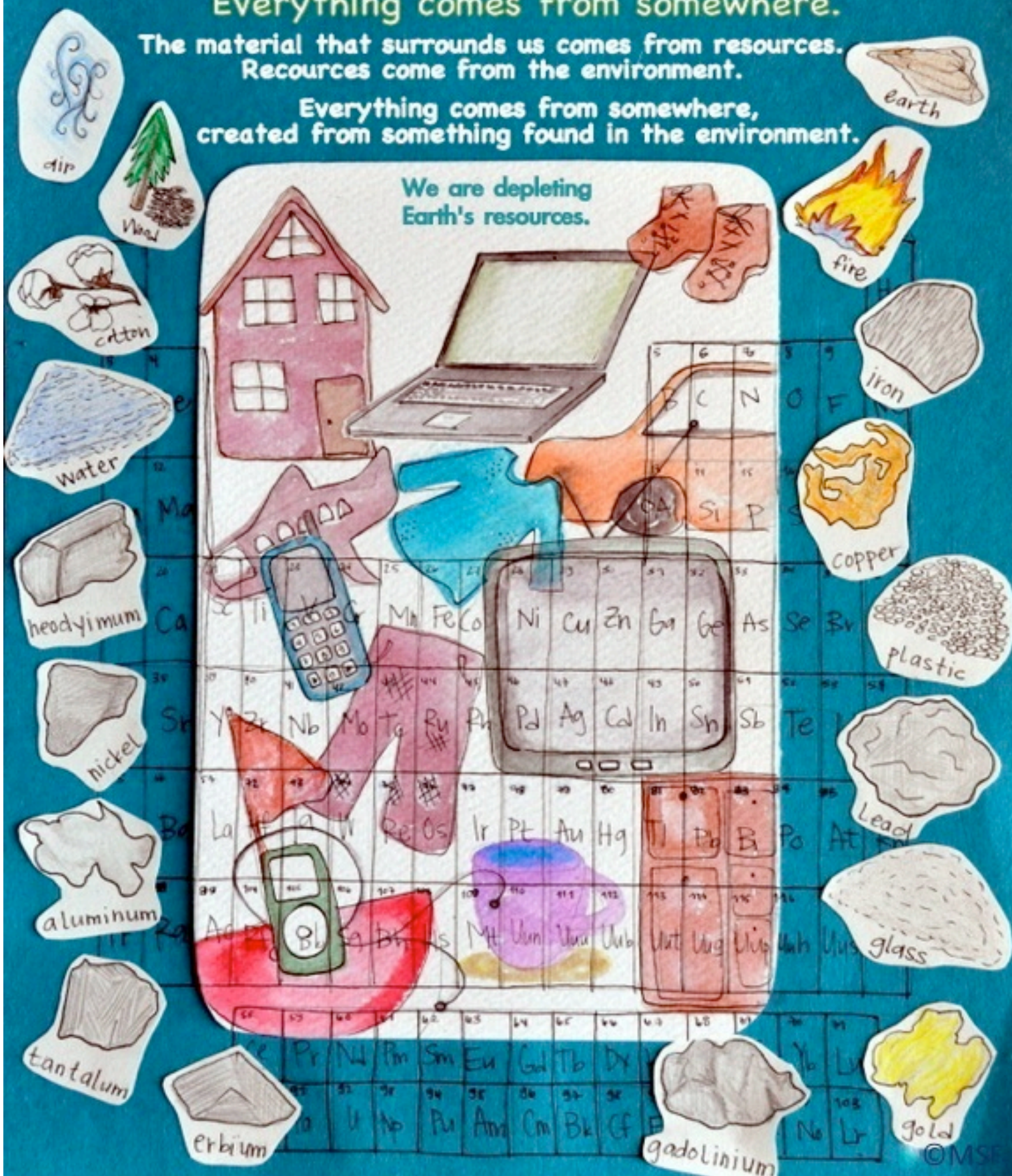
Look around you. Are you in a room? Sitting in a chair? Looking at a computer? What are you wearing?


Everything comes from somewhere.

The material that surrounds us comes from resources.
Resources come from the environment.

Everything comes from somewhere,
created from something found in the environment.

We are depleting
Earth's resources.





Everything that
comes from
somewhere
must go
somewhere too.

Waste is a big
contribution
to greenhouse
gases.

Waste contaminates
the water, land
and air -
Affecting species,
ecosystems
and us.

The Oceans
are suffering.
Waste and pollution
fill the waters. Sea-life
is threatened.

Have you ever wondered where all
the waste ends up? From garbage
to nuclear and toxic waste.

Some of it goes into the soil where the food,
which we eat grows. Some of it runs off into
the water which we drink and some of it ends
up in the air that we breathe.

We need to stop creating so much waste.
We also need to stop being wasteful with
resources like food and water.

We need to reduce all this waste.

Deforestation

Cutting down entire forests without planting new trees.

contributes to global warming

Trees absorb CO2

Trees produce oxygen

Species face extinction

Communities are being displaced

Brazil

Indonesia

China

If trees bled, the earth would be red.

jacqueline lupina



There is an increase in severe weather events. These extremes include floods, hurricanes, heat waves, wildfires, tornados and more...

Drought

Has detrimental impacts on the environment resulting in consequences for our food and water supplies. Drought is devastating for people, livestock and the land. Because of drought, people cannot grow food to feed themselves, their families or their animals; let alone acquire an income from a failed harvest.

Drought triggers mass migration and causes displacement. Drought causes malnutrition, dehydration and diseases. Drought triggers conflict over resources like water.

climate change impacts

Human Rights

water shortage

food security

water tables
are falling

change in
growing seasons

privatization

inequality

lack of clean
drinking water
contamination

rising food
prices

scarcity

drought

war

livestock

overconsumptions

hunger

famine

no water

no food

no life

no life

Millions of
people lack
access to safe
water.

Do you know
where your
food comes
from?

What can we do to
change this problem?

Is it local? Is it
genetically modified?!

Where does your water come from?
Do you conserve water?

“Why would any
species disrupt
the source of its own
nourishment, its very survival?”

-Frances Moore Lappe

Human and environmental catastrophes caused by war are long-term immeasurable consequences.



**"Is this the world we want to live in?
Is this sustainable?
Is this the way to tackle
global warming?"**

**Civilization lacks any sense of solidarity, it's
all competition, exploitation and where things
cannot be grabbed: war. Bombs all over Africa.
Bombs in the Middle East.
Bombs everywhere.
You are not strangers
to war in your own
country. Why do we fight?
And as long as we continue
fighting, resources continue
to be expropriated."**

Naima Sussey (P&G)



Wars are fought over resources. War impacts the past, the present and the future.

Climate Change highlights inequality.

Those least responsible
for creating the climate
change challenge are those who
are most affected by the
unfolding consequences.

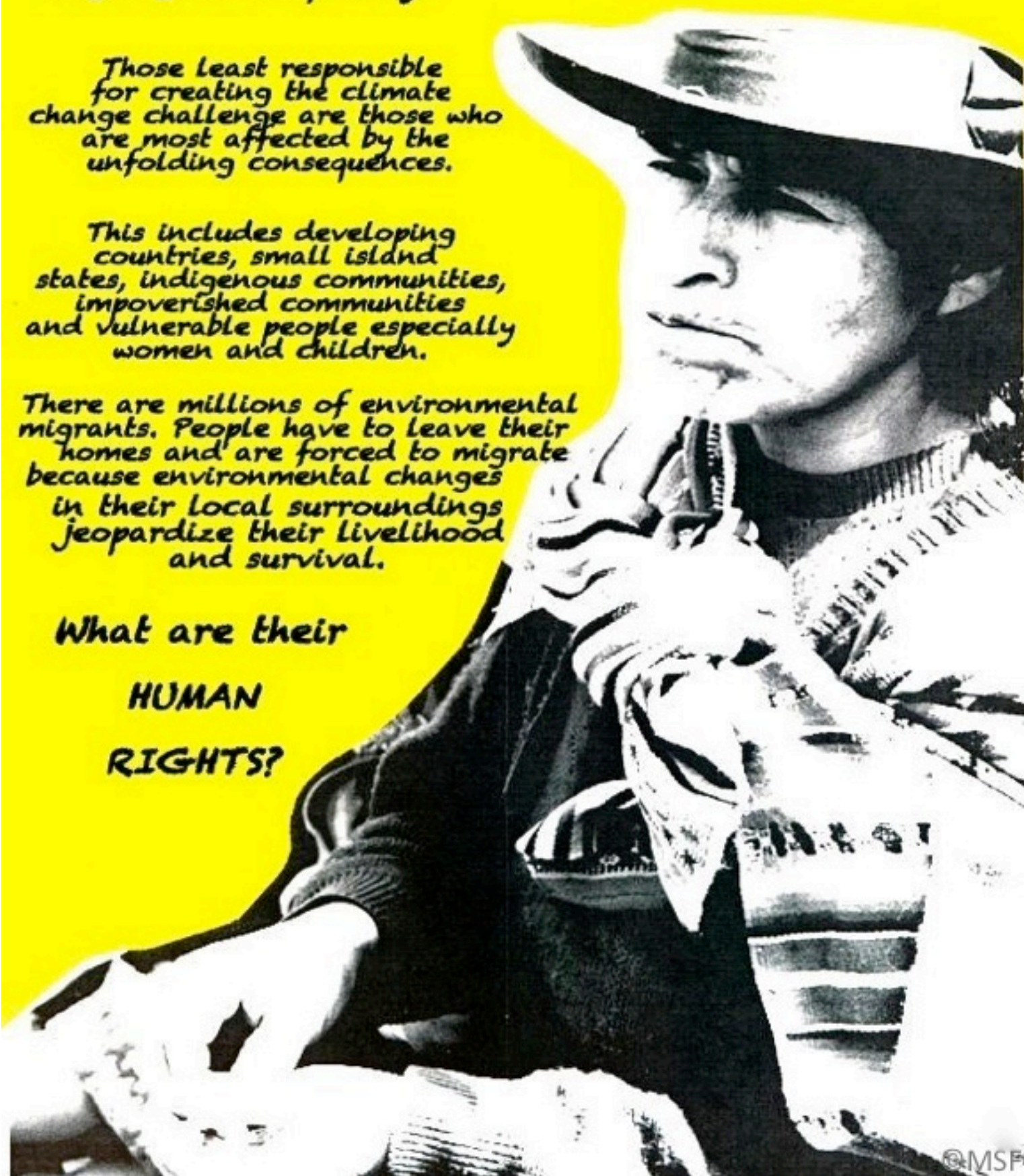
This includes developing
countries, small island
states, indigenous communities,
impoverished communities
and vulnerable people especially
women and children.

There are millions of environmental
migrants. People have to leave their
homes and are forced to migrate
because environmental changes
in their local surroundings
jeopardize their livelihood
and survival.

What are their

HUMAN

RIGHTS?



*Climate Change affects all life on earth. Everything is interconnected.
We have to choose a sustainable lifestyle and conscious behavior
for a habitable planet which future generations may enjoy.*

Think climate change doesn't affect you? Think again...

CLIMATE CHANGE DOES NOT AFFECT ME. CLIMATE CHANGE HAS

CLIMATE CHANGE DOES
NOT AFFECT ME. CLIMATE
CHANGE HAS NOTHING
TO DO WITH

HUMAN RIGHTS
FUTURE GENERATIONS
DISPLACEMENT
SEVERE WEATHER
WILDLIFE
PROFIT
WATER
HEALTH
JUSTICE
OCEANS
PRIVATIZATION
ICE
GENDER
BIODIVERSITY
EVERYTHING
INEQUALITY
THE SYSTEM
OVER CONSUMPTION
ME
FOOD
SECURITY
YOU
CONFLICT
EVERYTHING

NOTHING TO DO WITH INEQUALITY. THE "SYSTEM" OVER CONSUMPTION ME

HUMAN RIGHTS FUTURE GENERATIONS DISPLACEMENT SEVERE WEATHER WAR

OCEANS BIODIVERSITY MELTING ICE PROFIT JUSTICE
WILDLIFE OCEANS PRIVATIZATION GENDER HEALTH WATER
YOU FOOD SECURITY CONFLICT BEHAVIOR POVERTY EVERYTHING...

We have to address the ROOT CAUSES.

Every year, leaders, negotiators, governments, youth and civil society from all over the world, meet at an important climate conference known as Conference of the Parties (COP) held by the United Nations Framework Convention on Climate Change (UNFCCC).

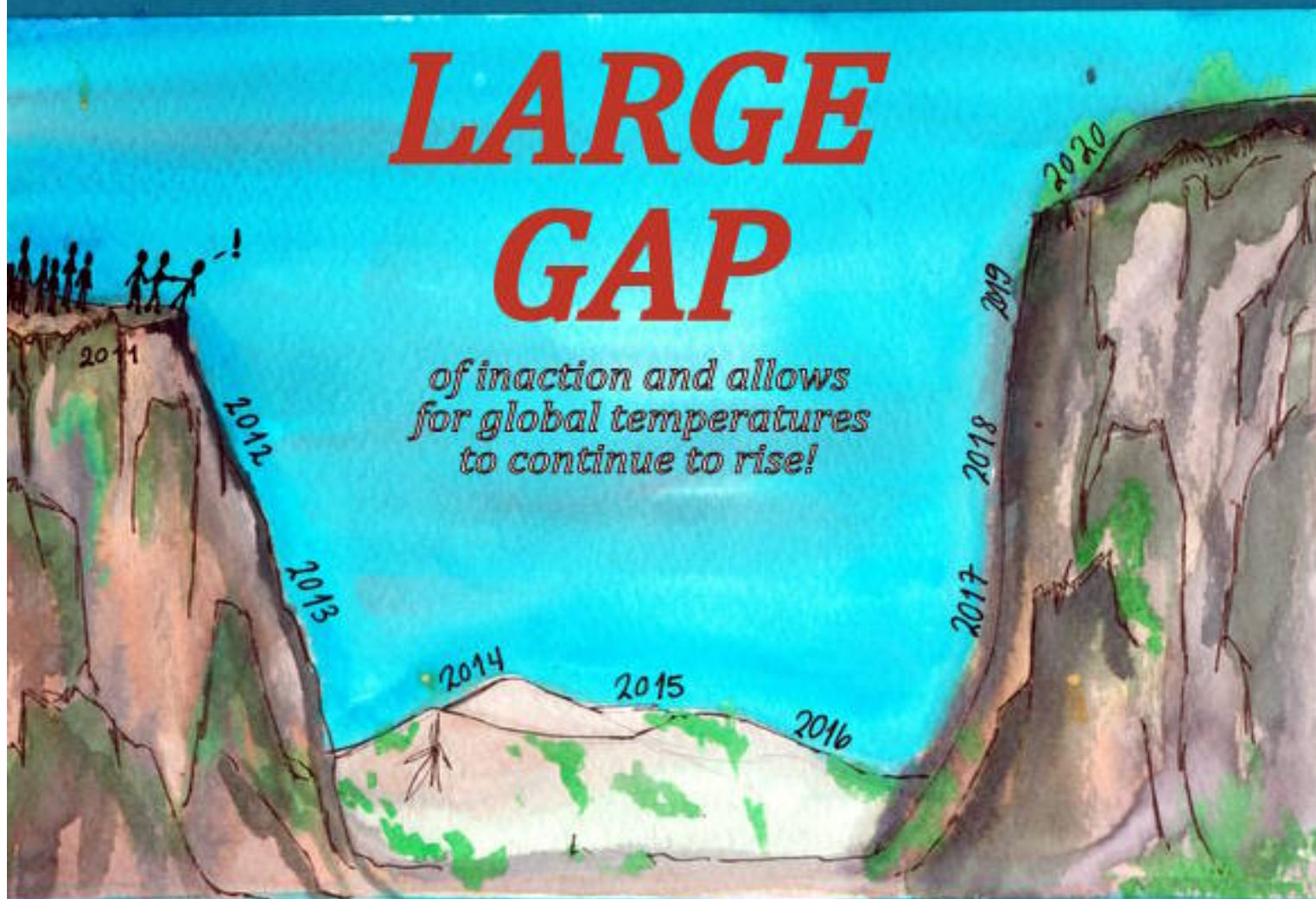
During this conference, people discuss the challenges of climate change, global warming and environmental impacts. They try to agree upon solutions to reduce those unhealthy ingredients that are causing many problems.

In 2011, COP 17 took place in Durban, South Africa. The Durban climate talks did not reach a legally binding international agreement to reduce global carbon emission.

Instead, the Durban climate talks delayed a crucial agreement until 2020! This leaves a

LARGE GAP

*of inaction and allows
for global temperatures
to continue to rise!*



Can we cut ties with Fossil Fuels?

What is your country's carbon footprint?



Rio + 20

' a lost opportunity'

The United Nations Conference on Sustainable Development (UNCSD) - held in Rio de Janeiro in June 2012 - was a 20-year follow up to the 1992 Earth Summit with the objectives to secure renewed political commitment for sustainable development, assess the progress and implementation gaps in meeting previous commitments and addressing new and emerging challenges. The conference was also supposed to focus on Green Economy within the context of sustainable development and poverty eradication as well as institutional framework for sustainable development...



We are all in the
same boat...right?

How'd it go?

"A meeting like this is doomed to **FAIL**, because we haven't left our vested interests outside the door and come together as a single species and agreed what the fundamental needs are for all of humanity. So we're going to sacrifice the air, the water, the biodiversity, all in the sake of human and economic interest." - David Suzuki

interview with Democracy Now!

SUSTAINABILITY MUST BECOME THE NORM NOT THE EXCEPTION.

There are a lot of people
who are worried
about climate change.

speaking up
They are taking action
inspiring positive change

Like Anjali

In Durban at the Climate talks,
Anjali spoke on behalf of the
YOUTH (YOUNGO)

Here is what she had to say...

"I speak for more than half the world's population. We are the silent majority. You've given us a seat in this hall, but our interests are not on the table. What does it take to get a stake in this game? Lobbyist? Corporate Influence? Money? You've been negotiating all my life. In that time, you've failed to meet pledges, you've missed targets, and you've broken promises. But you've heard this all before.

We're in Africa, home to communities on the front line of climate change. The world's poorest countries need funding for adaptation now. the Horn of Africa and those in nearby Kwa Mashu needed it yesterday. But as 2012 dawns, our Green Climate Fund remains empty. The International Energy Agency tells us we have five years until the window to avoid irreversible climate change closes. The science tells us that we have five years maximum. You're saying, "Give us 10."

The most stark betrayal of your generation's responsibility to ours is that you call this "ambition." Where is the courage in these rooms? Now is not the time for incremental action. In the long run, these will be seen as the defining moments of an era in which narrow self-interest prevailed over science, reason and common compassion.

There is real ambition in this room, but it's been dismissed as radical, deemed not politically possible. Stand with Africa. Long-term thinking is not radical. What's radical is to completely alter the planet's climate, to betray the future of my generation, and to condemn millions to death by climate change. What's radical is to write off the fact that change is within our reach. 2011 was the year in which the silent majority found their voice, the year when the bottom shook the top. 2011 was the year when the radical became reality.

Common, but differentiated, and historical responsibility are not up for debate. Respect the foundational principles of this convention. Respect the integral values of humanity. Respect the future of your descendants. Mandela said, "It always seems impossible, until it's done." So, distinguished delegates and governments around the world, governments of the developed world, deep cuts now. Get it done."

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"GIVE US

Angeli Appadurai: Get it Done! Durban, 2011



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The most stark betrayal of your generation's responsibility to ours is that you call this "ambition." Where is the courage in those rooms? Now is not the time for incremental action. In the long run, these will be seen as the defining moments of an era in which narrow self-interest prevailed over science, reason and common compassion. There is real ambition in this room, but it's been dismissed as radical, deemed not "politically possible." Stand with Africa. Long-term thinking is not radical. What's radical is to completely alter the planet's climate, to betray the future of my generation, and to condemn millions to death by climate change. What's radical is to write off the fact that change is within our reach. 2011 was the year in which the silent majority found their voice, the year when the bottom shook the top. 2012 was the year when the radical became reality. Common, but differentiated, and historical responsibility are not up for debate. Respect the foundational principles of the convention. Respect the integral values of humanity. Respect the future of your descendants. Mandela said, "It always seems impossible until it's done." So, distinguished delegates and governments around the world, governments of the developed world, deep cuts now. Get it done. Angeli Appadurai

*If you were given the chance to address
the entire world: politicians, teachers, farmers
doctors, students, children - all people -*

What would you say?

What would you ask the world to do?



If our leaders won't lead and do what is urgently needed, then all of us have to roll up our sleeves and

FILL THIS GAP

with our bright and sustainable ideas!

Your innovative ideas can help bridge the gap and send a clear message to world leaders:

**We cannot wait to make the right decisions –
2020 is too late.**

We have to act now!





← You are here

"Look again at that dot. That's here. That's home. That's us. On it everyone you love, everyone you know, everyone you ever heard of, every human being who ever was, lived out their lives. The aggregate of our joy and suffering, thousands of confident religions, ideologies, and economic doctrines, every hunter and forager, every hero and coward, every creator and destroyer of civilization, every king and peasant, every young couple in love, every mother and father, hopeful child, inventor and explorer, every teacher of morals, every corrupt politician, every "superstar," every "supreme leader," every saint and sinner in the history of our species lived there — on a mote of dust suspended in a sunbeam."

— Carl Sagan

Imagine a

for all of us

Solution Recipe Cookbook

How can we eliminate those harmful ingredients
and add healthy, sustainable ingredients...

Solution Recipe

collective action
Local and global
organizing
Reduce, Reuse, Recycle
Ride your bicycle
Green Jobs
Equity
Human Rights
Reforestation

Can you name
some more
healthy ingredients?



It is our responsibility to do all
that we can to confront the climate
crisis so that our children may
live on a beautiful, safe, healthy planet.

So far, we've just scratched the surface of very deep-rooted issues and there are many more impacts of climate change that have not been mentioned here. There are also many more solutions.

Climate change is a global challenge that can be confronted with local solutions which amount to positive change.

Who do you want to be for others
and for the world?

Who has influenced you? Was it a teacher? A friend?
A mentor or a particular experience?

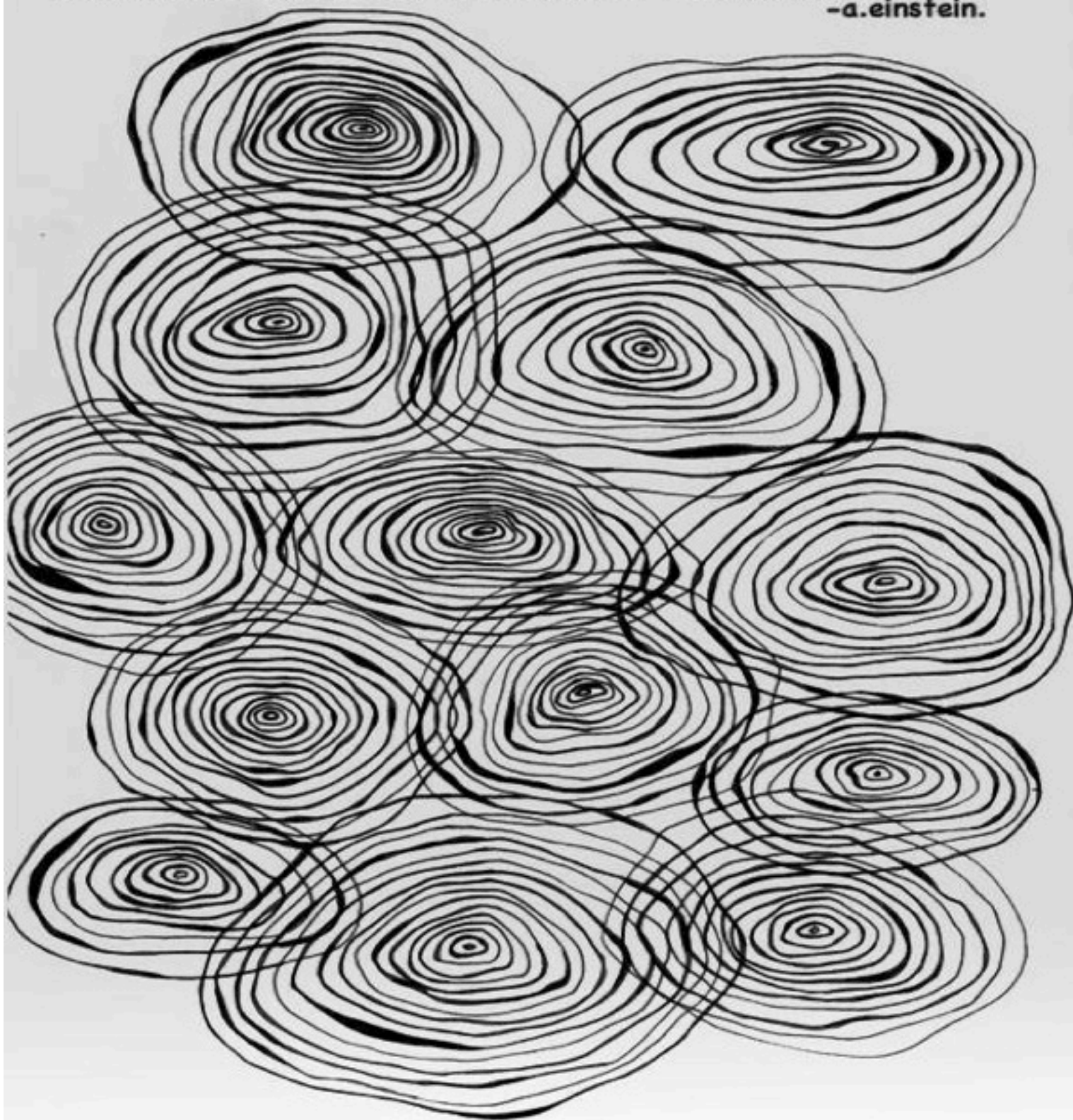
We were not always the person we are today. What shaped us are the experiences we've made and the people we've met. Think about a person who has changed you. What was it about them that had such an impact on you? What qualities did they have? Patience? Knowledge? Kindness? What experience did you make that changed you? What was it that made a strong impression on you?

Collect your strengths
and contribute your skills
to the world. We all have
something to give.

Youth play an important
role in influencing global
issues. Mobilize. Use
your influential and inspiring
skills to create change. Be an
instigator of local solutions
and global solidarity.



**"Example isn't another way to teach, it is the only way to teach."
-a.einstein.**



Now that you know what the harmful human induced impacts contributing to climate change are, make efforts to reduce your carbon footprint and practice a sustainable, conscious and environmentally friendly lifestyle. Your actions will speak volumes. Every action creates a ripple that travels far beyond our own imagination.



**"It's the little things citizens do. That's what will make the difference.
My little thing is planting trees." – Wangari Maathai**

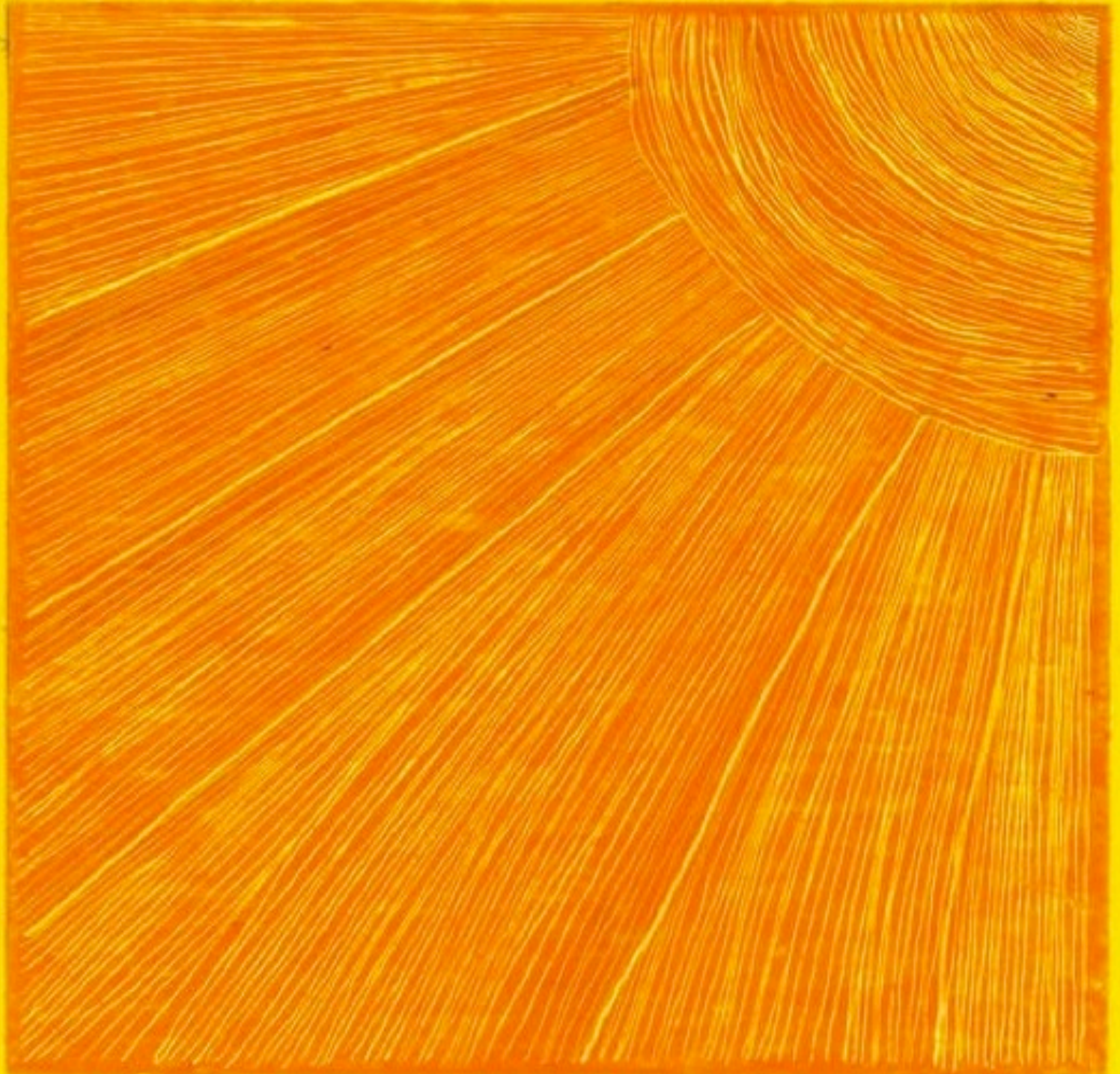


Every tree gives lifes. Reforestation. Support Tree Planting initiatives.

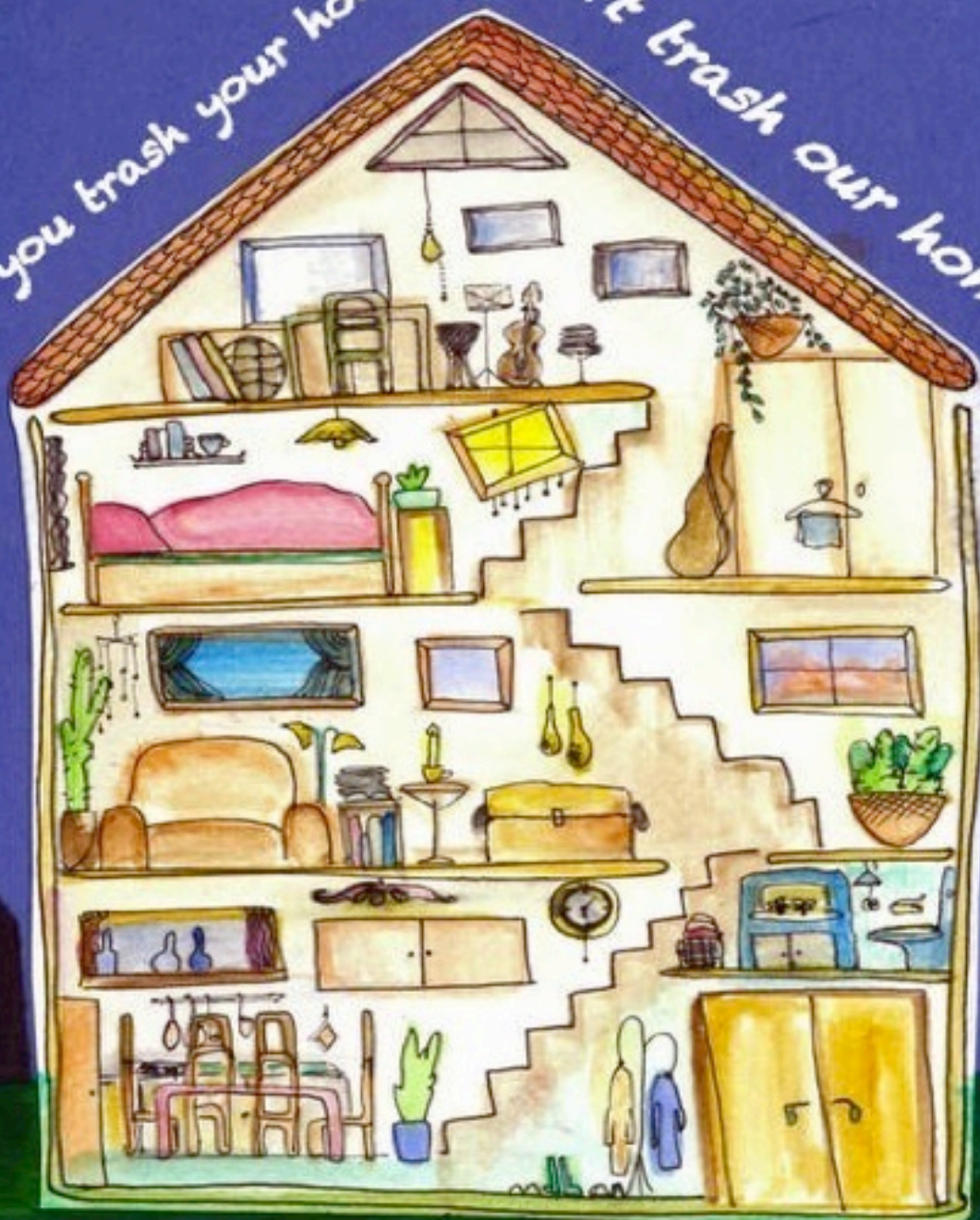
Renewable Energy

Pros: replenishes itself. clean energy. no oil spills.
no nuclear risks. no digging deep in the ground.
decrease carbon dioxide emission, creates local
jobs, creates green jobs, healthier...

What other pros does renewable clean energy have?



Do you trash your house? Don't trash our home.



Earth is our home. Keep it clean.

Reduce, Reuse, Recycle

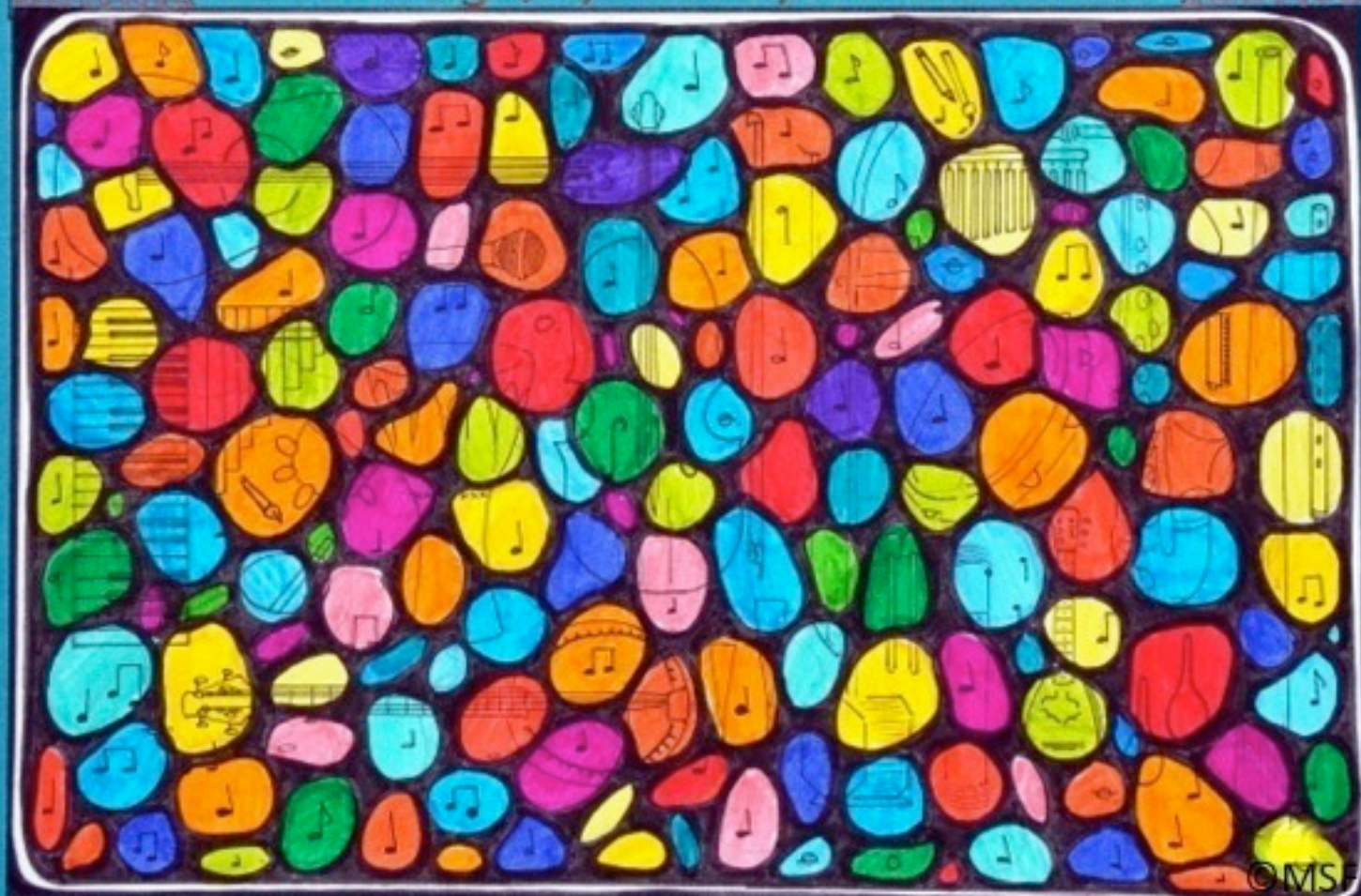
*Stop harmful and poisonous waste from
ending up in the soil, water and air.*

Awareness.
Educate yourself and others.
Use performing arts or visual arts to reach out to your family, community, county and the world.

Art has an emotional power. It breaks the language barrier and builds bridges to connect, educate and influence people everywhere.

Get busy. Be innovative. Be creative.

*Theater. Poetry. Painting. Posters. Stencils.
Music. Writings. Singing. Drawing. Stickers.
Film. Photography. Pottery. Dance. Talent.*



©MSI

"Without music, life would be an error." -Nietzsche

We all need some 'square free' days.

©MSF

Turn off your
gadgets

and

Turn on your
LIFE

TV - Computer - i-whatevers
phones - laptop - ...etc...

Sure, gadgets are fun to use -
especially when they connect you
to social media sites. In fact,
social media is a very useful
tool to raise awareness and keep
up with what's happening around
the world.

HOWEVER...

Don't overdose on gadgets and depend on them
to replace our needs and relationships with people and
nature. We should not neglect the beauty that surrounds
us. Face-to-face conversations. Human Connections. Being
in nature. Enjoying the outdoors. Building local
community relationships. Investing time, energy
and love in friends and family.

After all, we are made of stories. Everyone has a
story to share...

"If you give what you don't need, it's not giving."

-M.Teresa

Give love. attention. respect. compassion. care. smile. hope. laughter. time. patience. strength.

Read. Prepare a home cooked meal and invite your friends. Play an instrument. Write. Wonder. Discover. Walk. Run

Ride your bike. Be social. Create a community event. Garden. Be helpful to others. Create something handmade. Explore.

LIFE

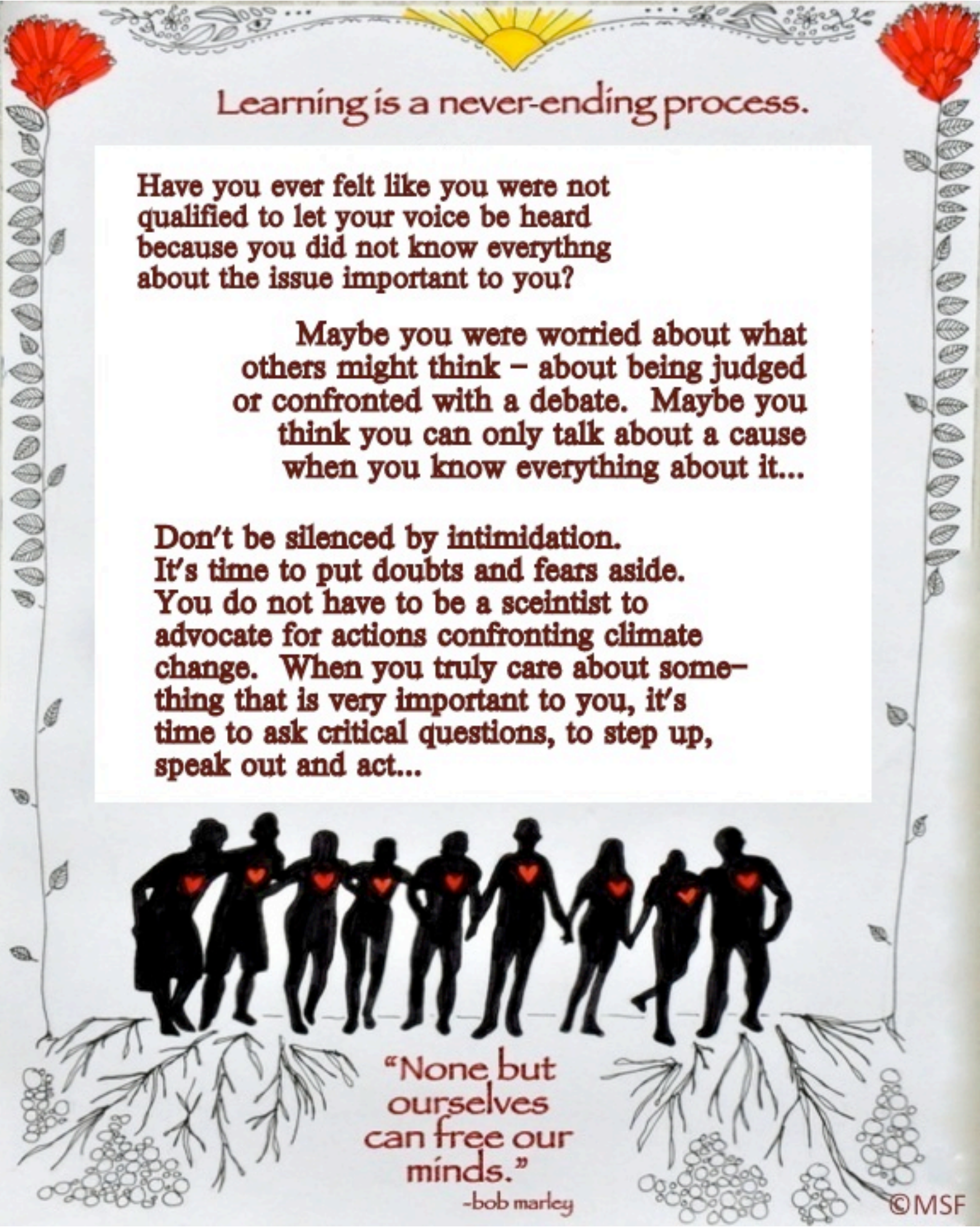
What can
you give?



What is
your
story?

LIFE

©MSF

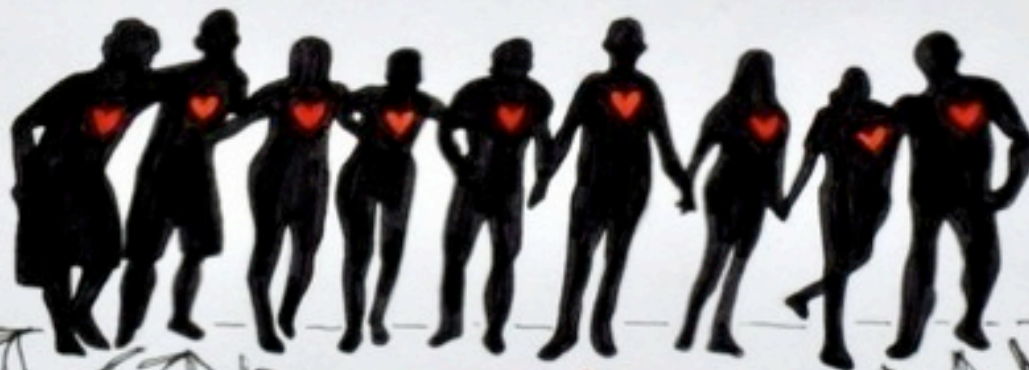


Learning is a never-ending process.

Have you ever felt like you were not qualified to let your voice be heard because you did not know everything about the issue important to you?

Maybe you were worried about what others might think – about being judged or confronted with a debate. Maybe you think you can only talk about a cause when you know everything about it...

Don't be silenced by intimidation. It's time to put doubts and fears aside. You do not have to be a scientist to advocate for actions confronting climate change. When you truly care about something that is very important to you, it's time to ask critical questions, to step up, speak out and act...



"None but
ourselves
can free our
minds."

-bob marley

©MSF

Any great person who has every fought for human rights. justice. peace. love. equality. environment. life. like Mother Teresa, Wangari Maathai, Martin Luther King, Gandhi, Aung San Suu Kyi or Nelson Mandela, were people who were loved, respected and admired by many -- but they were also challenged by the doubters. As a matter of fact, there were some people who really did not like these extraordinary people.

You see, speaking up or taking action on an important cause that you care about - is not always easy. It can be hard with many obstacles and hurdles but also bridges and support. Through it all, your actions, ambitions and voice will be amplified through the lives and hearts you will influence.

- Being You -

courageous enough to ask the tough questions and sharing your innovative, creative, important ideas is brave! Don't worry about the doubters, the challengers, those who think you don't have the right to speak or act! Your courage is needed. Your optimism is needed. Horizontal collective non-violent action is needed. Patience, hope, motivating and momentous action is needed.

You are needed and you matter.

"First they ignore you. Then they laugh at you. Then they fight you. Then you win."
-Gandhi



"...It's not giving your life, but the rest of your life.

...The struggle for justice - environmental justice, climate justice, social justice, gender justice... - these struggles are marathons...

...The biggest contribution that any one of us can make is to have perseverance, to have courage, to have stamina and not to be - ever - tempted to believe that our contributions and your individual contributions does not make a difference...

...The biggest contribution that any one of us can make, is to maintain a lifetime of involvement and commitment until these struggles are won...



So my appeal to you, dear brothers and sisters, when you hit your moments of frustration, when you hit your moments of doubt, just remember that this world would be a much more pessimistic place were it not for each and every one of your contributions to working to secure a better planet, a safer planet, a more just planet and a more equitable planet so that our children and grandchildren can live in peace and prosperity."

**-Kumi Naidoo, Greenpeace International
Conference of Youth, Durban, South Africa**

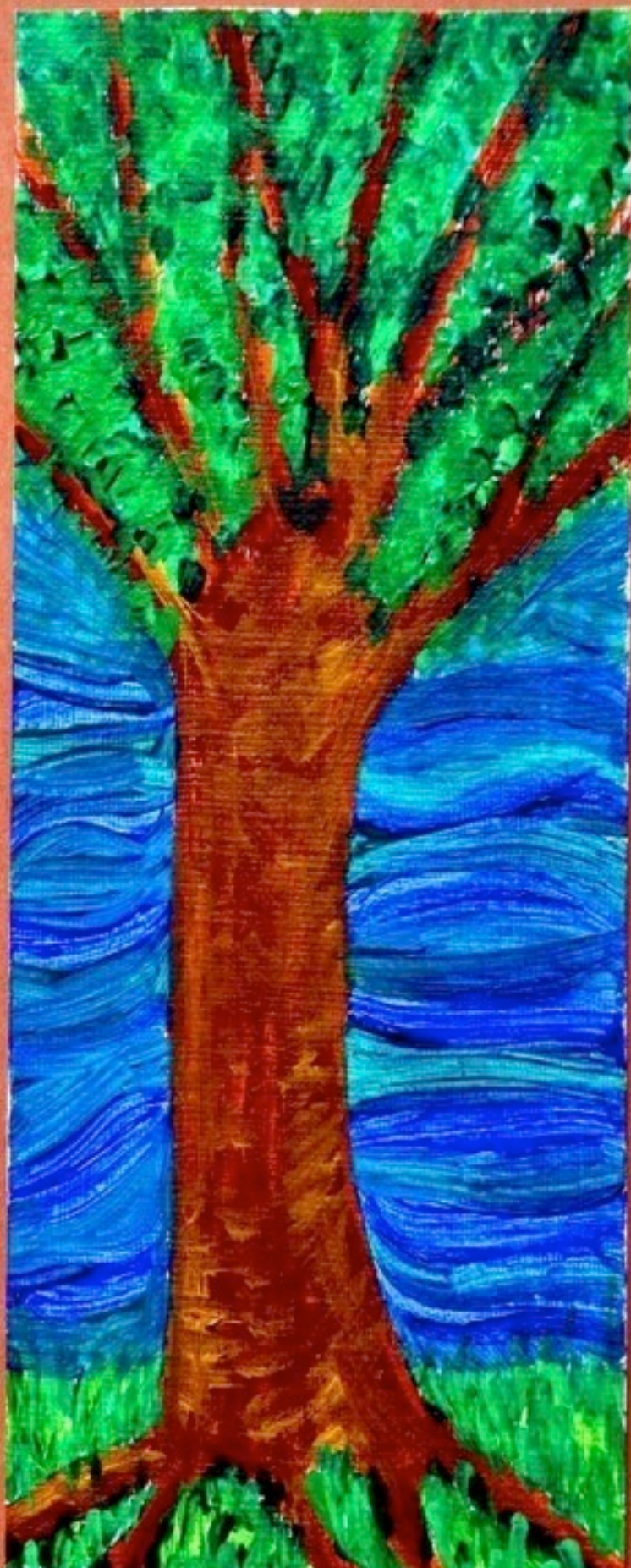
There are people in every
country engaged in social
and environmental justice
campaigns and movements.

There are dedicated global
initiatives and inspiring local
actions.

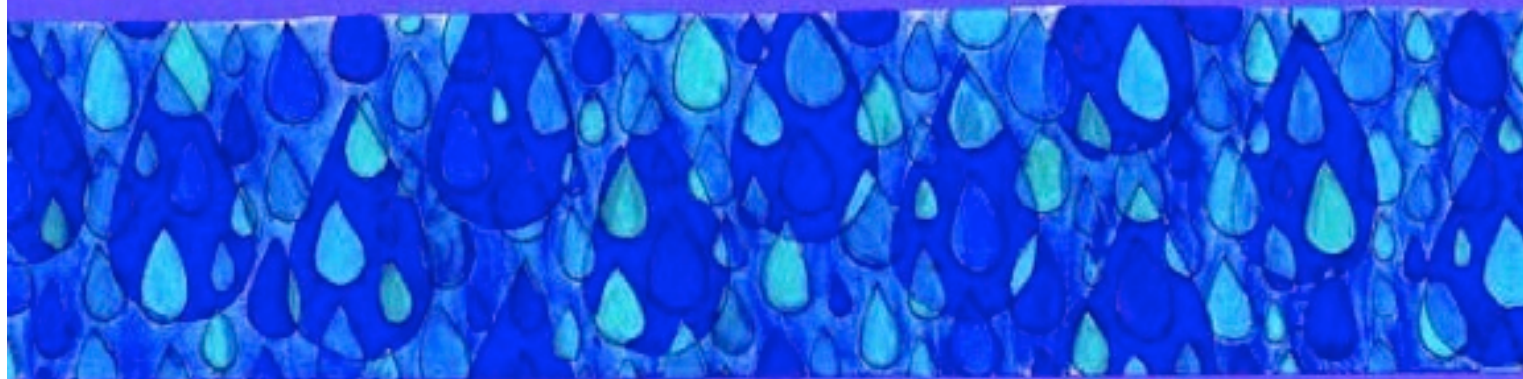
Look around you and you
will find that a lot of
people have joined the
marathon.

We are all in this together.

Join the marathon



The ocean is made of single drops.



The beehive is a collective collaboration.



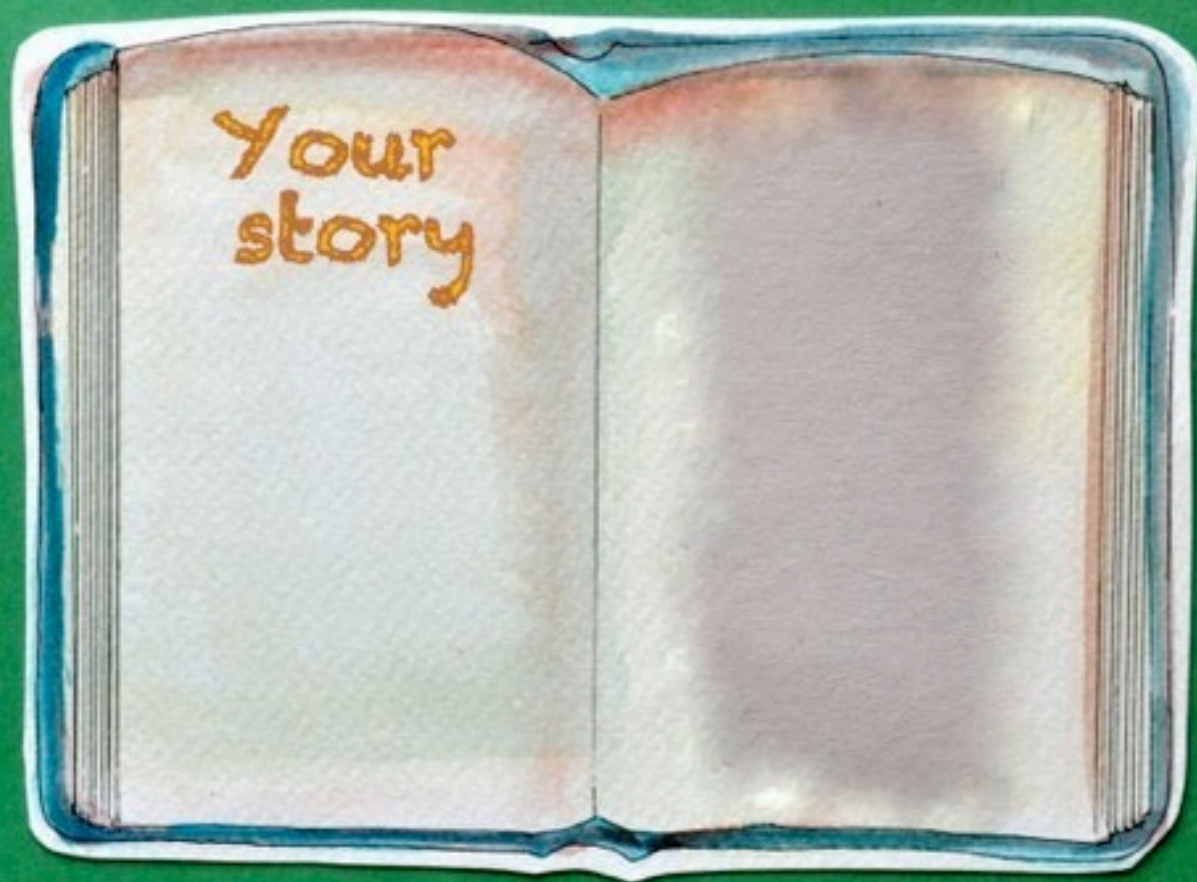
Momentous Collective Action is made up of individuals. Mobilize.



You are important.

Here is a little challenge for you.
Create your book of action, solutions
and changes. Write down ideas, thoughts
and plans.

What will your contribution be?



What do you want to learn more about?

Which issue are you concerned about?

What local initiatives are happening in your community?
What initiatives can you start?

What is happening in the global climate arena?
How will you be involved?

What creative means can you use?

To You,

We are all accountable for our behaviour and our impacts every day. We have to make good choices, be responsible and lead by example. Our life - our peace, love and happiness - should not come from another person or being's suffering. Our necessities should not have to be compromised by war, conflict or harming the earth. Our actions travel far beyond our imagination. When we make irresponsible or selfish choices, we may be affecting someone's life or the environment. When we make sustainable and healthy choices, we are inevitably sharing a bit of our peace, love and happiness with others.

Addressing climate change means being responsible for our actions and impacts. Moreover, it means recognizing that we are all interconnected and depend on each other, the earth and the life we coexist with. Simple actions matter. When we contribute - add healthy ingredients to the solutions - we are caring about the present and the future of life. Continue learning. Raise awareness. Solidarity. Live by example. Transform your ideas into reality by taking action. Change begins with us...



"Small acts, when multiplied by millions of people, can transform the world."

-Howard Zinn

From Me.