

# Climate Change & Global Warming



## 24 Actions to Fight Global Warming



[www.gaia-movement.org](http://www.gaia-movement.org)

# The Permanent Study and Action Group

## A 2-year Campaign on Global Warming and Climate Change

### 24 Suggestions for Actions in the Fight

## Mobilisation Actions to Fight Global Warming and Climate Change

### Sharpen your tools - and sow your carrots

The task is to know what Global Warming and Climate Change means for you, and decide what actions you should take.

- Read and discuss the GAIA pamphlets on Global Warming
- Discuss and decide how you/your unit will participate in the 2-year action.
- Order books and films as additional Global Warming information for your Library on Global Warming
- Determine who is the GAIA contact person if you participate as a group or project
- Start the practical action: “the carrot month”. Buy seeds, prepare the area, sow and water. Use orange fleshed sweet potatoes in areas too hot for carrots.



### I know about Global Warming, do you?



The task is to inform far and wide on Global Warming and Climate Change by:

- 1) determine what climate change actions communities in your areas can be mobilised to implement, and set these in motion through your productive units
- 2) produce poems, songs, drama, presentations, informative material, etc.



3) Hold Open Sunday or other community event.  
 4) set up systems to get Global Warming Climate Change information into your activities wherever possible.

- Produce poems, songs, drama, presentations, etc.
- Plan, mobilise students, employees and hold Open Sunday events.
- Include Global Warming Climate Change issues and links to the GAIA website on your website
- Get Global Warming information into all your regular publications, newsletters, speeches, websites, articles.



## Organising the Troops

The task is to plan, organise and train groups of people in your area to fight Global Warming and Climate Change.

- Determine who should be mobilised in your area
- Make concrete plans and carry out mobilisation of employees, Passionates, EPF students during their practice periods, vocational students, DNYS students, DNS,



DI, etc. are mobilised for one of the following actions:

- 1) 10% less fuel. Reduce energy for driving by 10% by driving “green”, better planning of trips, driving together, using more public transport, biking, etc.
- 2) One house - one moringa tree. At all families of TCE, Child Aid, HOPE and Farmers Club projects
- 3) a charcoal or firewood saving stove at all project families
- 4) one house - one compost pit

5) no vampire load in your house! systems to shut off remote control devices.

6) once a week - no sadza or meat

7) an action of your choice of relevance in the local fight against Global Warming and Climate Change

## Training your ambassadors

The task is to produce educational material for the schools in your area.

- Select, adapt and produce educational material on Global Warming and Climate Change for the schools in your area.
- Mobilise students at the schools for a new action such as the ones listed above.



## **The local war council**

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The task is to mobilise local politicians and leaders, community groups, etc. to lead and take action in the local fight against Global Warming and Climate Change.

- Determine how your area will be affected by extreme weather events, and what needs to be done
- Organise and hold meetings with local politicians, local leaders, community groups, etc. and agree on local actions with them.



## **Nothing goes to waste**

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The task is to reduce your carbon footprint by ensuring that you recycle and reduce use of resources where appropriate.

- Determine where you can save on your resource use and what can be recycled
- Plan and set in motion actions to mobilise others to recycle more clothes and to buy more used clothing.



## **Joint defence**

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The task is to find local allies and organise joint actions with them in the war against Global Warming and Climate Change.

- Determine who the potential allies are, and hold meetings on joint actions
- Organise and take part in actions organised by others to plant trees, preserve natural areas, clean up rivers, reduce erosion, prevent bushfires, etc.

## **Counting your gains - and losses**

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The task is to determine the status after 2 years of Global Warming and Climate Change Actions and plan the next years.

Determine what has been achieved, and make plans for the next 2 years - within:

- food security
- staying healthy
- water supply
- preparing against extreme weather
- energy supply and carbon footprint
- mobilising others for Global Warming and Climate Change Action



# Energy Actions to Fight Global Warming and Climate Change

## **Tread lightly - loose 100 kg**

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The task is to determine

- 1) your carbon footprint,
  - 2) where you can save energy and resources
  - 3) your carbon footprint at the end of the Action
- Make measurements of your energy consumption
  - Hold energy saving campaign at your units.
  - Determine what options you have for supply of energy from renewable sources.
  - Calculate your current carbon footprint.
  - Reduce it by 100 kg through actions during this month.
  - Plan how much you can reduce it during 2 years - by reducing carbon emissions, by increasing clothes recycling, by planting trees, etc.
  - If necessary, determine how much you need to reduce it by supporting treeplanting or similar carbon reducing projects at other units.

## **Cold or hot - right on spot**

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The task is to reduce energy used for cooking, heating and cooling.

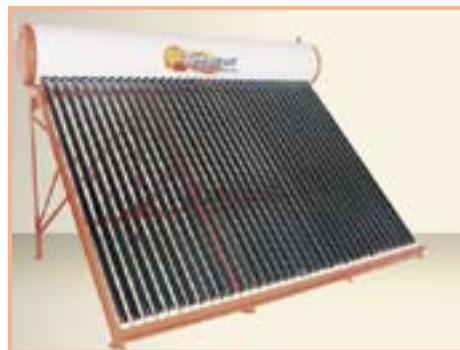
- Buy or build efficient firewood or charcoal saving stove.
- Start production of energy trees or acquire from others - including jatropha trees for oil production.
- Improving insulation and ventilation in the houses
- Plan the next steps for investments in heating and cooling systems.

## **Solar power for your shower**

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The task is to install systems to produce our hot water with solar energy.

- Determine how much hot water you use daily
- Buy a solar heater or use a black water tank
- Connect the system(s) to your water system during a building weekend.



## **Solar light - day and night**

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The task is to supply light for at least one room from solar energy.

Acquire and install a solar panel or a solar lantern to supply light for at least one room.



## Type on a Sunbeam

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The task is to supply energy for at least a computer

Acquire and install a solar panel to supply electricity for at least a computer and printer.

## Fight Global Warming - look at me

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The task is to supply renewable energy for either

1) electric household equipment such as a pump, refrigerator, washing machine - or

2) diesel driven equipment such as a generator, grinding mill, oil mill, pump, vehicle

- Select the equipment you will supply with renewable energy,
- If electric equipment. Determine how many solar panels you need or if you have enough wind for a small windmill to supply the power.
- If a diesel engine. Determine where you can acquire biofuel to run it, and what adaptations you need to make.
- Acquire and install the systems.



# Food Security Actions to Fight Global Warming and Climate Change

## Know what's coming - and grow green leaves

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The task is to study how Global Warming and Climate Change will affect local food security and to determine the following regarding food security and staying healthy 1) your current status, 2) how to defend yourselves, and 3) what you want to reach within 2 years.

- Find out how much of your food you are growing yourself and how much you can grow.
- Study what Global Warming and Climate Change will mean for food security and health in your area
- Determine what you need to do to defend yourselves within these areas, make a 2-year plan and get it into your budget.
- Practical action: “the green leaves month”. Plant moringa, spinach, cabbage, amaranth, lettuce or other nutritious leaves.



## **Our underground help forces**

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- The task is to create productive soils in your garden.
- Make compost pits.
- Plant plants that fertilise the soil (beans, peas, groundnuts, green manure plants).
- Start vermicompost production.
- Collect/buy animal manure.



## **Good to eat - home produced meat**

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The task is to start up production of healthy meat or fish - at your own place or getting others to produce for you - and to reduce meat consumption if you are at a place where this is relevant.

- establish meat/fish production such as chicken, guinea fowl, rabbits, goats, carps, tilapia. What about snails if you live in an apartment?
- start production of nutritious fodder plants - such as moringa, leucaena, etc.
- study the issue of how good food such as soy beans and grains are being used to produce meat, and discuss how you can replace meat dishes with a number of healthy and fantastic dishes.

## **Let 10,000 fruit trees bloom**

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The task is to:

- 1) acquire or start production, and plant 100 fruit trees in your area.
- 2) reduce use of “carbon expensive” imported fruits and vegetables by using local products of the season.

- Start nursery production of fruit trees for your garden and fields or
- Organise others to produce the fruit trees or
- Buy the fruit trees
- Determine which kind of fruit and vegetable are carbon expensive” and start a campaign at your unit to use local products of the season.



# Water Actions to Fight Global Warming and Climate Change

## Water All Over

The task is to determine the following regarding water:

- 1) your current status
  - 2) how to ensure sufficient supply of safe water
  - 3) how to reduce water loss
  - 4) what you want to reach within 2 years
- Know where your water comes from, how much you use and where your waste water goes.
  - Study what Global Warming and Climate Change will mean for water security in your area
  - Determine if you need to establish your own supply and, where relevant, organise digging of wells,



drilling of boreholes, building of water tanks, etc.

- Acquire water filters for times without safe water
- Determine where you can save water, install water saving systems, check for leaks and repair them
- Determine what you need to do to ensure sufficient supply of safe water, make a 2-year plan and find out where the money shall come from.

## Tanks for the fight

The task is to make tanks to store water for household use and irrigation

- Build/buy water tanks to store irrigation water.
- Collect rainwater from roofs and use for irrigation or household use.
- Make systems to use waste water for irrigation where this is allowed.



## Planning for the extreme

The task is to ensure that you are well prepared for the extreme weather events we will experience.

- Determine what impact storms, hurricanes, floods, etc. can have on your buildings, land, crops, access roads, etc.



- Plan what you can do during a building weekend, prepare for this and determine where the needed funds come from and make plans for what should be done at a later stage.
- Make emergency plans in case of extreme weather events



### **Hold the Fort**

The task is to hold a building weekend to:

- 1) establish water pumping systems where there are none
  - 2) secure buildings against extreme weather
- Acquire and install rope pump, electric pump, diesel pump or solar pump
  - Hold a building weekend to secure buildings against extreme weather.



### **More crop per drop**

The task is to set up systems to save the water you use for gardening.

- Acquire and install drip systems - even very simple ones made of empty plastic bottles for the tomato plants in your rooftop garden.
- Build a greenhouse, use shade nets or make a thatched shed
- Start the system of using dead plant material (mulch) to cover the soil
- Select, acquire and plant vegetables that use little water



### **Water in the ground**

The task is to study the issue of falling groundwater tables and set up systems to get much rainwater to end up as groundwater

- Study the issue of falling groundwater tables, know what is happening in your area and determine what you should do to counter this.

Carry out or organise others to:

- dig trenches along contours,
- plant vetiver grass as contour rows,
- establish recharge wells,
- establish ponds in fields
- make firebelts (more vegetation cover increases water recharge)

