



**SAVE TREES
SAVE ENVIRONMENT
SAVE EARTH**



"Where Do The Children Play"
 Well I think it's fine, building jumbo planes.
 Or taking a ride on a cosmic train.
 Switch on summer from a slot machine.
 Get what you want to if you want, 'cause you can get anything.
 I know we've come a long way,
 We're changing day to day,
 But tell me, where do the children play?

~ Song - Cat Stevens

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THIS YEAR WORLD ENVIRONMENT DAY THEME IS...

SEVEN BILLION DREAMS, ONE PLANET, CONSUME WITH CARE.

What does it mean?

The well-being of humanity, the environment, and the functioning of the economy, ultimately depend upon the responsible management of the planet's natural resources. Evidence is building that people are consuming far more natural resources than what the planet can sustainably provide.

Many of the Earth's ecosystems are nearing critical tipping points of depletion or irreversible change, pushed by high population growth and economic development. By 2050, if current consumption and production patterns remain the same and with a rising population expected to reach 9.6 billion, we will need three planets to sustain our ways of living and consumption.

The WED theme this year is therefore "Seven Billion Dreams. One Planet. Consume with Care". Living within planetary boundaries is the most promising strategy for ensuring a healthy future. Human prosperity need not cost the earth. Living sustainably is about doing more and better with less. It is about knowing that rising rates of natural resource use and the environmental impacts that occur are not a necessary by-product of economic growth.

By celebrating WED, we remind ourselves and others of the importance of caring for our environment, our mother Earth. And guess what! Every single action counts.

Source: UNEP [United Nations Environment Programme]

WED A to Z

Everyone can make a difference in caring for the planet on World Environment Day.

ACT TODAY. NOW IS THE DAY YOU MAKE THE DECISION TO CARE FOR THE ENVIRONMENT. EVERY ACTION COUNTS.

- A** Avoid increasing your daily carbon (CO₂) footprint — the main greenhouse gas contributing to the warming atmosphere. Simple steps, like carpooling, or walking instead of driving can help!
- B** Bring your own eco-bag or basket when going to the market or grocery store, to avoid using plastic bags.
- C** Consume smartly. The less waste we throw into landfills, the less harmful greenhouse gases are released into the planet's warming atmosphere.
- D** Discover an alternative to using traditional wrapping paper for birthday gifts — like scarves, old newspapers or discarded maps or magazines.
- E** Explore how you can save electricity at home, at work or school.
- F** Form a group of peers or colleagues to oversee the food waste at your school, neighborhood or workplace.
- G** Green your office: Print double-sided, turn off monitors, start an office recycling program.
- H** Host a totally Vegetarian (Vegan) Dinner party.
- I** Improve the insulation of your home — it will really help reduce your energy consumption...and greenhouse gas emissions.
- J** Jog outside and save the energy you would have used on the treadmill!
- K** Keep your recyclable bottles, bottle caps and craft them into badges, games and more.
- L** Learn more about the environment impact of food production. Did you know that it takes 1,000 litres of water to produce 1 litre of milk?
- M** Mobilize your networks! Message your friends about WED — Facebook, Twitter (icons), orkut, SMS, text, phone, email — it doesn't matter how, just get the word out!
- N** Notify your friends on how their action against food waste could have a huge impact. Even if just one-fourth of the food currently lost or wasted globally could be saved, it would be enough to feed 870 million hungry people in the world.

WED A to Z

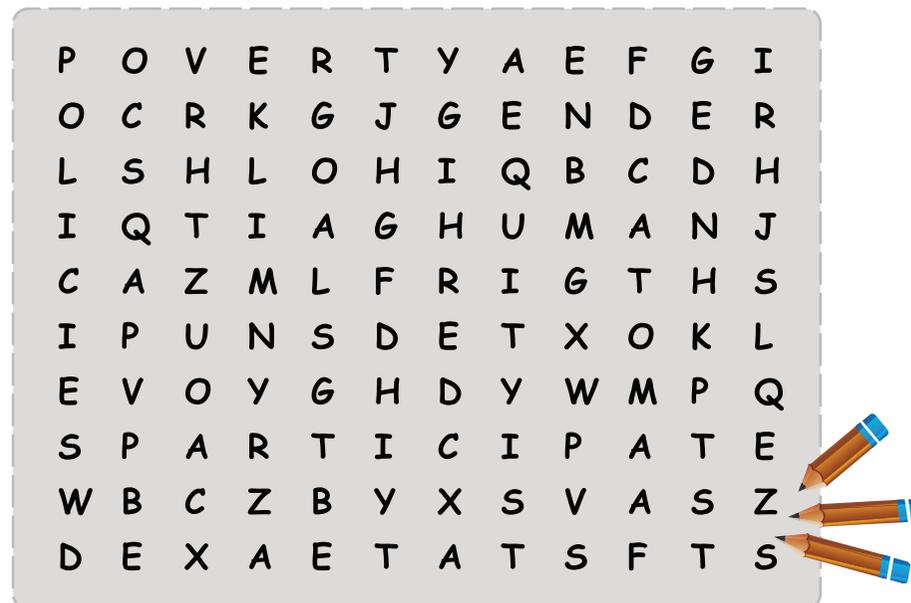
Everyone can make a difference in caring for the planet on World Environment Day.

ACT TODAY. NOW IS THE DAY YOU MAKE THE DECISION TO CARE FOR THE ENVIRONMENT. EVERY ACTION COUNTS.

- O** Optimize the use of your washing machine — use the cold-wash option and significantly save energy and reduce your daily carbon emissions.
- P** Plan in advance. Know what you will need before you go grocery shopping so not to end up buying more food than what will be consumed in your household.
- Q** Quantify how much money you could save each warm summer if you regulated the temperature inside your home by 2 degrees Celsius. It could reduce your energy consumption substantially!!!
- R** Reduce. Reuse. Recycle. The less waste we throw into landfills, the less harmful greenhouse gases are released into the planet's atmosphere.
- S** Switch your light bulbs to fluorescents. Save energy and money!
- T** Think outside of the bottle! Bottled water costs 1900 times more than tap water.
- U** Understand your options. Learn about the small ways you, as an individual, can make a positive impact on the environment.
- V** Vanish energy vampires— appliances that suck energy even when not being used — by unplugging them or using power strips.
- W** Watch your Water use! Check your home for leaky faucets, take shorter showers and turn off the tap when brushing your teeth.
- X** Xplore to find out how to take action for WED and the planet.
- Y** You can make a difference — individual actions, when multiplied, can make an exponential difference to the planet!
- Z** Zero waste. Use natural resources wisely, choosing options with the least use of air, soil, water and the least emission of harmful greenhouse gases.

CROSSWORD

Let's have some fun finding words... in this **WORD SEARCH PUZZLE**



CHILD: According to the UN Convention on the Rights of the Child, a child is any person under age of 18.

GOALS: The overall results we want to achieve from our efforts. We develop targets to help measure if we are achieving these overall results.

EQUITY: It is key for the world to be a more developed, peaceful and just place. Equity means respecting and valuing differences, allowing everyone to have the same opportunity to guarantee their rights.

POLICIES: Actions of the State to address problems and the interests of the population.

GENDER: What defines our individuality, identity and nature as men or women.

POVERTY: A condition in which basic needs are not adequately met - for example, access to food, health or education, among others.

PARTICIPATE: It is our right to feel, hear, express and be considered in decisions. To participate is to do something here and now.

HUMAN RIGHTS: The set of rights that every human being is entitled to from its conception. They are based on two core values: equality and human dignity.

STATE: How a country is organized. It has a defined territory, a population, a government and laws to guide policies and institutions.



IF ONLY You DO A THING

FIX LEAKY PIPES

When you fix the leaks in your home, your household saves an average of 10,000 gallons of water per year.

Imagine if 7 billion of us were to do this...



RETHINK BOTTLED WATER

When you use a refillable bottle instead of plastic, you save about 3 litres of water for every litre you drink.

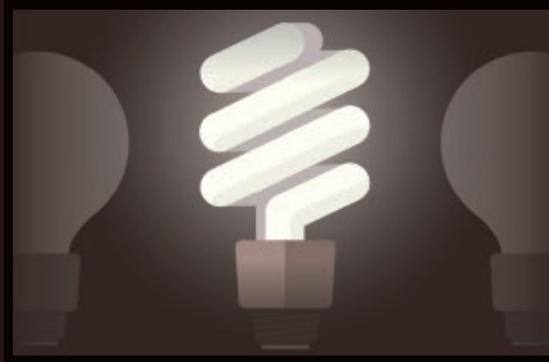
Imagine if 7 billion of us were to do this...



CHANGE YOUR LIGHT

When you use compact fluorescent lights instead of incandescent bulbs, you reduce electricity use by 75%.

Imagine if 7 billion of us were to do this...



FLY WITH AN E-TICKET

When you fly with an e-ticket, you save paper and cut processing costs from ₹ 5 to ₹ 15.

Imagine if 7 billion of us were to do this...



RECYCLE OLD DEVICES

When you recycle your devices, you help cut down on the 20 to 510 million tonnes of e-waste that is discarded each year.

Imagine if 7 billion of us were to do this...



EAT VEGETARIAN ONCE A WEEK

When you go meatless for one day every week, over a year you'll cut carbon emissions equivalent to not driving your car for a full month.

Imagine if 7 billion of us were to do this...



ARE YOU ECO-WISE? FIND OUT FROM THIS QUIZ

- A** Which of the following light bulb types uses the least energy, and therefore results in fewer greenhouse gas emissions?
> Incandescent > Compact > Fluorescent > Halogen
- B** How many human deaths per year does the World Health Organization attribute to climate change?
> 150,000 > 1,500 > 15,00,000 > 10,500
- C** How long does it take for Carbon Dioxide in the atmosphere to disperse?
> 1 yr > 10 yr > 50 yr > 100 yr
- D** What percentage of world's water is fresh water?
> 3 percent > 7 percent > 11 percent > 20 percent
- E** Which of the following household materials is considered hazardous waste?
> Plastic packaging > Glass > Batteries > Spoiled food
- F** Every ton of paper recycled conserves how many trees?
> 5 trees > 12 trees > 17 trees > 2 trees
- G** The major threats to biodiversity worldwide can be categorized using the HIPPO dilemma. HIPPO stands for:
> Hippopotamuses
> Habitat Loss, Introduced Species, Pollution, Population, Over-consumption
> Hunting, Isolation, People, Propaganda Opulence
> Harmful ultraviolet rays, International trade, Politics, Power production, Oxygen deprivation
- H** CFCs (chloro-fluoro-carbons) are greenhouse gases that have caused a rise of 0.3 °C in the global temperatures in the past century. Name the CFC that is used in refrigerators.
> Methane > Freon > Carbon dioxide > Ammonia
- I** A device is fitted to motor vehicles to chemically reduce some gases produced by internal combustion engines like NOx, CO, and HC into less harmful products. Name this device.
> 2-stroke engines > Carburetor > Catalytic converter > Tail pipe
- J** What are greenhouse gases?
> Other words for inert gases > Fuel used by farmers
> Rising off greenhouses > Heat-trapping atmospheric gas



Answers
on Page 13



Taratolla



Kamarhatty



Kamarhatty



Taratolla

PLEDGE TREE

On the occasion of World Environment Day this year, besides sapling plantation, a "Pledge Tree" was put up at our Taratolla & Kamarhatty facilities respectively.

All employees were requested to pen their thoughts on "how you as an individual you can help in saving our environment" and pin it up on the Pledge Tree, gently reminding us to act responsibly towards saving our environment. Response was good and best entries will be shared with all in our forthcoming issue of TIL Talk.



Kamarhatty



Taratolla



Taratolla



Kamarhatty

Sahibabad



Bhubaneswar



Udaipur



Agucha



Asansol & CRC



Dhanbad



Dhanbad BCCL



Durgapur



Jhanjra



Khagarpur



Patna



Will urban sprawl spread so far that most people lose all touch with nature?
Will the day come when the only bird a child ever sees is a canary in a pet shop window?
When the only wild animal he knows is a rat - glimpsed on a night drive through some city slum?
When the only tree he touches is the cleverly fabricated plastic evergreen that shades his gifts on Christmas morning?

~ Frank N. Ikard,

Ranchi



Talcher BCML
Team TIPL & BCML Customer



Varanasi



West Bokaro
FRS



West Bokaro
SEB



Today we're dumping 70 million tons of global-warming pollution into the environment, and tomorrow we will dump more, and there is no effective worldwide response. Until we start sharply reducing global-warming pollution, I will feel that I have failed.

~ Al Gore

INDIA HAPPY PLANET INDEX SCORE

The Happy Planet Index (HPI) is the leading global measure of sustainable well-being.

The HPI measures what matters: the extent to which countries deliver long, happy, sustainable lives for the people that live in them.

Our HPI Score

50.9

Ranked #32
of 151 countries

India achieves a Happy Planet Index Score of 50.9 and ranks #32 of the 151 countries analysed.

Our experienced well being

5.0

Ranked #87
of 151 countries

India's experienced well-being score is 5.0 out of a possible 10.

Our life expectancy

65.4

Ranked #110
of 151 countries

India's life expectancy is 65.4 and ranks #110 among the 151 countries analysed.

Our Ecological Footprint

0.9

Ranked #12
of 151 countries

India's Ecological Footprint is 0.87 global hectares per capita.

Source: <http://www.happyplanetindex.org/countries/india>

ANSWER TO THE QUIZ

- > Compact Fluorescent
- > 150,000
- > 100 yr
- > 3 percent
- > Batteries
- > 17 Trees
- > Habitat Loss, Introduced Species, Pollution, Population, Over-consumption
- > Freon
- > Catalytic converter
- > Heat-trapping atmospheric gas



Only when the last tree has died and the last river been poisoned and the last fish been caught will we realize we cannot eat money. '

~Cree Indian Proverb



Hope you have enjoyed the WED booklet.

**Do send in your feedback to:
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