



Practice Session 7

An Inconvenient Truth

An Inconvenient Truth

Watch the video An Inconvenient Truth

It is a 2006 documentary about global climate change presented by Former US Vice President Al Gore. He raises the question

“What were you doing when you had the time to do something?”

Source: <http://an-inconvenient-truth.com/>

Observe:

1. State of the Planet
2. Root Cause of the Problems
3. Solution for the Problems

We will discuss your observations

Root Cause of the Problem (as stated in the video)

1. Population
2. New Technology + Old Habits
3. Our Way of Thinking

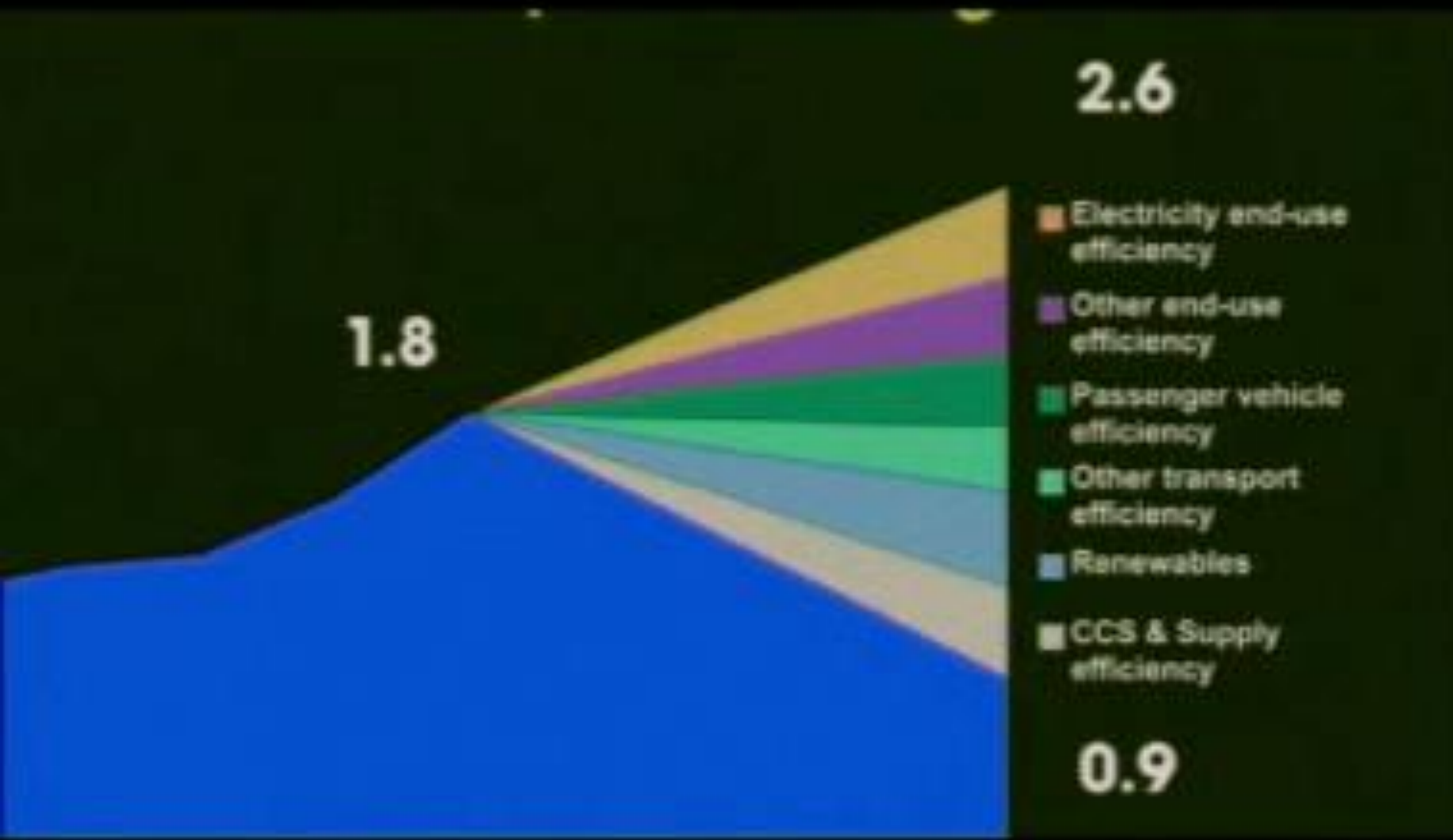
Assumption: The Earth is so big that humans can not have any lasting impact on it

What gets us into trouble is not what we don't know...
sure that just ain't so

It's what we know for

With incorrect assumptions, the recognition & fulfilment is also incorrect, i.e. it is not mutually enriching with Nature nor mutually fulfilling for Human Being

Suggestions about Solution (Technology)



Problem – Population, old habits,
Our way of thinking
(or only symptom?)

Action taken to get rid of it – Technology
(or symptomatic relief – Temporary?)

1. Clarity of All Encompassing Solution (Samadhan)
2. Effort for All Encompassing Solution
Human Education,
Human Conduct,
Human Constitution,
Human Order
3. Problem – Analysis in the light of Samadhan – **Inhuman Conduct** (exploitation of nature, domination... are only the symptoms)
4. Effort for getting rid of problem – **Ensure Human Conduct through Human Education**

Problem (restated)

1. Population → Population without Right Understanding
2. New Technology + Old Habits → Technology developed and used without Right Understanding i.e. with wrong assumptions
3. Our Way of Thinking → Thinking on the basis of wrong assumptions (preconditioning, sensation)

Based on Understanding Nature, Human Being can Decide its Role vis-à-vis each Order

ORDERS	UNITS	ACTIVITY	NATURAL CHARACTERISTIC	INNATENESS	INHERITANCE
4 अवस्था	इकाई	क्रिया	स्वभाव, व्यवस्था में भागीदारी (Participation in larger order)	धारणा, धर्म स्वयं में व्यवस्था (Self-organisation)	अनुषंगीयता
Physical पदार्थ	Soil, Metal मिट्टी, धातु	Formation-Deformation रचना-विरचना	Composition- Decomposition संगठन-विघटन	Existence अस्तित्व	Constitution based परिणाम अनुषंगी
Pranic प्राण	Plants, Trees पेड़, पौधे	"-" + Respiration श्वसन-प्रश्वसन	" + Nurture-Worsen सारक-मारक	" + Growth पुष्टि	Seed based बीज अनुषंगी
Animal जीव	Animals, Birds पशु, पक्षी	"-", " in Body शरीर में	", " in body शरीर में	", " in Body शरीर में	
		Selecting-Tasting in I चयन/आस्वादन मैं में	Cruelty, Non-cruelty in I मैं में क्रूरता, अक्रूरता	Will to live in I मैं में जीने की आशा	Breed based वंश अनुषंगी
Human ज्ञान	Human Beings मनुष्य	"-", " in Body शरीर में	", " in body शरीर में	", " in Body शरीर में	
		Imaging, Analysing- Comparing, Selecting- Tasting in I चित्रण, विश्लेषण, चयन/आस्वादन मैं में		Will to live with continuous happiness in I मैं में निरंतर सुखपूर्वक जीने की आशा	Education- Sanskar based शिक्षा-संस्कार अनुषंगी
		Natural Acceptance, Potential for Understanding... in I समझने की क्षमता मैं में	Potential for Perseverance, Bravery, Generosity... in I मैं में धीरता, वीरता, उदारता	Right Feeling & Thought समाधान Right Understanding ज्ञान	

Are We Playing our Role in Nature?

To understand the inherent harmony in nature and to live accordingly, i.e.

- To facilitate a conducive environment for the **activity** (at least not violate it) of all orders
- To facilitate the **innateness** (or at least not violate it) of all orders
- To facilitate the **inheritance** (or at least not violate it) of all orders

Order	Human Participation for Mutual Fulfillment
Physical Order	Facilitate its existence by ensuring conducive environment and maintaining / ensuring its constitution (eg. constitution of earth)
Bio Order	Facilitate its growth by ensuring conducive environment and maintaining / ensuring its seed (e.g. seed of rice)
Animal Order	Facilitate care of the body by ensuring physical facility, environment for existence & growth of body. To ensure its will to live Maintaining / ensuring its breed (eg. breed of cow)
Human Order	Facilitate care of the body by ensuring physical facility, environment for existence & growth of body Facilitate its will to live with continuous happiness by ensuring human education-sanskar , participating in developing / maintaining undivided society & universal human order

6
sensors



Radon

Radioactive gas, invisible, dangerous, found in every home. As radon levels fluctuate daily, the only way to ensure radon levels stay low is by long term radon testing.



Carbon Dioxide

An exhaled gas impacting sleep, health, and productivity. Occupancy and daily activities can increase carbon dioxide indoors, using a co2 detector can help you adjust ventilation accordingly.



Volatile Organic Compounds

Volatile organic compounds- (VOCs) are toxins found in everyday items including cleaning products, furniture and paint. Our Total VOC sensor alerts you to high levels of a long list of chemicals. To keep levels low make small adjustments like using VOC free paint or installing a VOC air purifier.



Humidity

Humidity. Moisture promotes mold while dry air can lead to cold and flu. To get the best indoor humidity level for your home, monitor daily.



Temperature

Temperature. Affects sleep patterns, mood, comfort level and alertness. A temperature sensor is a necessity for every home.



Pressure

Pressure. The weight of the air can cause headaches, joint pain and fatigue. The barometric pressure of the atmosphere changes depending on elevation and weather patterns.

complete
insight
into your
air quality

We spend 90% of our time indoors where the air is often 2-5 times worse than the air outside. Continuous monitoring of indoor air quality is key for minimizing negative health effects, preventing illness and increasing productivity, energy and good health.

They include **dissolved oxygen, pH, temperature, salinity and nutrients (nitrogen and phosphorus)**. They also include measures of toxicants such as insecticides, herbicides and metals.

CARBON CONTENT AT LEAST > 1. TRAI REGIONS HAVE ~60

PRESENCE OF EARTHWORMS...

SILT

ORGANIC MATTER

- Soil organic matter represents the organic constituents of the soil. Most of it are plant and animal residues. It contributes to the soil structure, the soil fertility and the water holding capacity of the soil. Soils rich in organic matter (4-5%) will be more fertile.
- The organic matter can contribute nitrogen, phosphorus and sulfur to the crop.

SAR

- Stands for Sodium Absorption Ratio
- Soils with SAR greater than 10 are considered to be sodic. Sodic soils have structural problems, which result in poor water infiltration. The soil tends to swell when wet and crack when dry.

SOIL PH is one of the most important parameters on your soil test report. The ideal soil pH range for most crops is between 5.8 and 6.5, a range in which most nutrients are available for the crops to take them in.

EC

- Stands for Electrical Conductivity. It is a measure of the salinity of the soil.

Ecosystem Health Indicators

Source: <https://environment.des.qld.gov.au/management/water/health-indicators>