

12/13 - Global Action Plan -- "What is lacking in the Corridors of power is an Ecologically Defined Vision.

19 - Statement of PROGRESS that has been made - in "post-industrial north only"

20 - Losses since 1972

21 - Nothing will work short of Altering the Basic Pattern of Human Activity.

22 - Contract Disciplines of Economics vs Ecology

24 - Ranks of Poor have increased Lat. Am. Africa - incomes ↓

25 - 950 Bil. spent military - biggest drain on resources

25 Forests

27 - Exact Rate of Ozone loss over US - 4-5% in 12 yrs

28-29 - Incomplete Accounting System means real costs - Disguised Deficit Financing - Destruction of Natural Capital.

29 - Daily "Treat Earth as if it were a business in liquidation.

30 - A sustainable Society - Def ...

31 - world - so resolutely marching along - a dead end path

36. Cut back carbon to 1/6 current level

3 times as energy efficient

45 - More jobs with conservation of energy - than with new power plants 4 to 1 Ratio

58 - Solar - Solar / Hydrogen Combination

72 - Photosynthesis - Def - to carbohydrates? support all life on earth.

41% in oceans, 59% on land

75 - Must Dramatically slow deforestation

Forests - 1/3 less than in Preagricultural times

84 - It is Croplands that must satisfy future food needs

(most in Cropland area stopped around 1980)

89 - Irrigation, Hi yield Varieties,

Fertilizers - Engine of Growth

90 - Fertilizer Use - 6 Grain Area per Person 11

★ GRAPH

95 - No New big way food Production can keep

- Even Moderate Consumption of Livestock products can reduce life expectancy.

Q may not be agricultural - A Q of Population & Climate Control

96 - maybe **Saving the Planet**

Postindustrial - But ~~No Such Thing as a~~ "Post Agricultural" Society

97 - 36 times - US average 36 times as much Commercial Energy as an Indian

98 - Before world can go to no more than about 8 Billion, max - or there will be massive starvation and disease would take Revolution in social values + reproductive behavior

106 - Rising Literacy of Women - factor most associated with fertility decline

115 - Cancer - Comp of Human Economic Systems with cancer - attacking host (host is culture)

- The Transformation 4 1) Tax Policy
2) Development Aids
3) Debt Relief

To Q. The ~~holiness~~ wisdom of unlimited growth seems blasphemous.

116 - As a subset of the biosphere the economy cannot grow its physical limits and remain intact. ★

40% of total photosynthetic production

- Statement of Vitousek

B; Biological Realities

117 - California Example 1978-88 Reduce Electr. consumption

118 - Poverty - EARTH

- 120 - Environmental Taxes - Designed to Make Prices
New Indicators show progress toward goals ~ sustainability
GNP? No OTHER NORTON/WORLDWATCH BOOKS New Accounting
- 124 - GNP assesses a positive value to any economic activity
 Garrett Hardin - Pura
 statesman to try to maximize GNP; is it sensible as a component of sustainable development? must try to maximize the number of notes in a symphony
Recalculates GNP to take into account depletion limits to growth limits to growth
 125 First - Make inventory of natural resources
 125-26: The Human Development Index. ENVIRONMENTAL ALERT SERIES
 2) The Index of Sustainable Econ Development Includes environment Lester R. Brown et al.
 Saving the Planet
 Alan Thein Durning
 128 Graph - Compare GNP ~ ISEW How Much Is Enough?
 129 - Need transparent Sandra Postel
 & Tangible indicators to create the political constituency for needed governmental policies
 Must have measures of well-being reported more routinely. Lester R. Brown
 131 Many Government policies stacked squarely against sustainability. Hal Kane
 Full House
 Christopher Flavin
 Nicholas Lenssen
 137 Rich countries have Trade Barriers & Price Supply Power Surge to keep out products that could be supplied by poor countries - yes BUT should they export food
 142 New Taxation Policy - for environment

- 143 - Send Law for Sorenson after the CPC Smugglers
 At Drug War IS Daniel of Macro Terminal Inevitable problems
 & Law Enforcement used to chase the "bad guys"
 Hey the earth is going to need law enforcement to focus on all aspects. Law enforcement doesn't have to worry it's commisioner is drug war end, if
- # SAVING THE PLANET
- Can keep focus on general question of oil & death forces
 They will be working the people - Norway
 143 - Tax
 146 - 8 Green Taxes. Total 130 Billion = 30% decrease in income
 148 - Green tax will Not Serve goal of Equity - It still needs Tax progressiveness incomes
 151 - Because of Draft How to Shape an Environmentally Sustainable Capital Now Flows from Poor to Rich - from South to North 35 B. Annually
- 152 - Goal of Boosting all Rich Nations annual aid levels to 0.7% of GNP
 Little New goes to population or sustainability - to 80B
 Lester R. Brown
- 153 - Norway - Aid program 5 times size of US AND re focused on sustainable issues, Christopher Flavin
- 154 - Leadership from NEEDED World Bank? Sandra Postel to the neediest countries
 US B?
- 157 - World Bank (or anyone) will stimulate unless they have a "coherent vision" of environmental & sustainable development.
- 160 - The Worldwatch Environmental Alert Series
 Debt forgiveness Linda Starke, Series Editor
 And Debt for Nature swaps - They Have Been Done
- ## W · W · NORTON & COMPANY
- NEW YORK LONDON
 on Environmentally Sustainable Economy means revolutionizing every facet of human existence. Econ, polt, social, subst.
 & must be compressed into decades
- 166 - Prerequisites for livable world - freedom, rights, dignity
 Fantastic Conclusion - "Human institutions... need to be shaped in a matter of years"

167 Chirico - means "Tree Hugger" Movement in India

170 - Showing that Political Change Democracy is necessary for enviro concerns to be heard. Dictators selling out

171 - oil, Auto and Resist Fossil Fuel Reduction - share great power
All the new industries/jobs that would be created have no repre

173. The battle ~~over~~ to save the planet
could replace the battle over
ideology as the organizing principle

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181 The Change for Change → Sustainability - is a "limited time offer"

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But notwithstanding the war against alternative consumers continues

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