



ECONOMIC REASONS TO INITIATE IN-HARMONY SYSTEM ©

Introduction

The world is becoming increasingly complicated. It is based on a Civilization Structure formed from random development over 6,000 years ago. At that time Mankind was in a stage of discovery and survival. It transitioned into formation after formation as societies grew, conquered and grew larger until they reached empire or civilization levels. Every society grew into a maximum form and then collapsed when optimum conditions subsided. They were not able to support the contained life within the system. The causes of these collapses are due to civilizations being too complex. (See books by Dr. Jared Diamond "Collapse-How Societies Choose to Fail or Succeed" & Dr. Joseph Tainter "The Collapse of Complex Societies")

Problems Solved by the In-Harmony System

- I. REDUCES SYSTEM COMPLEXITY WITH PARTITION (similar to computer mainframe with smart terminals)
 - A. Makes each ARC City self-contained
 1. Food Production & Storage
 2. Water Collection & Storage
 3. Waste Recycling
 4. Energy Storage & Distribution
 5. Communication Distribution Center
 6. Eco-City in contained Sustainable Footprint
 - B. Improved Unit Operational Efficiency
 - C. Improved Manufacturing Stability
 - D. Stabilizes inhabitants with balanced reality of nature and humanity

- II. REDEFINES ENERGY CONSUMPTION AND DISTRIBUTION
 - A. Energy extraction is highly wasteful
 1. Coal/electrical generation is only about 30% efficient
 2. Oil/ gasoline is as low as 10-30% efficient
 - B. Energy Distribution is not efficient
 - C. Industrial Use of Energy is wasteful
 - D. Consumer Use of Energy is wasteful
 - E. A New Energy Plan is Needed on a New High-Tech Civilization

- III. REPLACES AGING AND OBSOLETE INFRASTRUCTURE SYSTEMS
 - A. Present Infra-Structure is obsolete and never designed to handle current and future societal demand
 - B. Efficiency – Sprawl Cities inefficiently distribute infrastructure & require too much energy to operate
 - C. Water- Many systems have depleted or contaminated sources
 - D. Sewer – Single pipe systems do not efficiently recycle sewage
 - E. Solid Waste – No mitigation of non-decomposable materials

- F. Energy – Complicates Smart Grid System to work successfully
- G. Transportation – Roads and Bridges must always be repaired, not needed
- H. Food Production – Green Revolution techniques were flawed causing over-population, degenerative disease, soil contamination, excessive energy use and material packaging that yielded solid waste problems
- I. Manufacturing Inefficiencies – subassembly transportation and final product transportation very inefficient, labor uncertainties
- J. Communication – Consolidation of over ten different communication systems that are branching over incredible distances into a single neural system that is evolutionary in nature to allow side-banding of multi signals into single plasma network with smart distribution (emulates human nervous system)
- K. Health – Re-organize the process of keeping humans healthy
- L. Education – Reorganize learning with new priorities of awareness building

IV. ORGANIZES ENERGY DISTRIBUTION FOR GRID SYSTEM EFFICIENCY

- A. Electricity distribution of cities/suburbs is too chaotic
- B. Demand variables of end users does not match supply
- C. “Smart Grid” development solution is way too complicated, it will not work well due to interface problems (supply/demand)
- D. “Smart Grid” does not solve second or third level “Cascade Failure”
- E. In-Harmony System creates energy storage units in each city
- F. In-Harmony System stabilizes demand into regular 24x7 patterns
- G. In-Harmony System allows auxiliary renewable energy input
- H. In-Harmony System allows inter-city energy transfer for emergencies

V. ALLOWS FOR SIMPLIFIED AND IMPROVED TRANSPORTATION

- A. Current systems are chaotic for origin/destination usage. They were created to allow inelastic demand of individual transportation units and inefficient energy consumption
- B. In-Harmony System creates simple origin/destination directives
- C. In-Harmony System creates movement of people and materials
- D. In-Harmony System utilizes efficiency of pedestrian movement and elevators for intra-city transportation and bicycles outside for recreation
- E. In-Harmony System creates fast, energy efficient intercity, inter-cluster, inter-regional, intra-continental and trans-continental movement with trains, boats and jets

VI. CREATES A NEW SOCIETY TO SUPPORT NATURAL TECHNOLOGY DEVELOPMENT (Biomimicry) NOT PLUNDERING THE EARTH’ FINITE RESOURCES

- A. Millions of species have evolved over billions of years
 - 1. Adaptation and Mutation have allowed evolution to create new species similar yet different to their relatives.
 - 2. Each species has a unique engineering solution encoded in it’s DNA
 - 3. The complete understanding of these species must be realized thru study to catalog the features that created their specialization.
- B. A Society must be created to support Natural Technology Development
 - 1. New technology takes time and money to be realized.
 - 2. Research and development always precedes production.
 - 3. A new civilization will create a support base for this knowledge to be learned and applied for the society’s benefit.
 - 4. A new paradigm of thinking is needed to perceive Nature as an ally and teacher instead of a defenseless victim for human plunder

- C. Humans can learn the High Technology of Other Species
 - 1. The technology is mostly organic and chemical and biological in nature.
 - 2. The evolutionary track that created these features must be realized.
- D. Humans are one of the very largest species in the World upper 2 Percentile
 - 1. We must examine the “micro world” to learn its secrets
 - 2. We must apply this new found information to our macro-world.
- E. Humans need to set new goals of productivity and consumption based on harmonizing with Nature
 - 1. By creating demand for this technology, we can form a New Age Economy that is Renewable through Biochemistry that is “closed-loop”.
 - 2. We can eliminate straight line, use-once, waste generating production that depletes resources and generates pollution.
 - 3. Economies are malleable. They are based on creating a demand for the supply. Those that create the demand and control the supply will benefit the most from others wanting that product or service.
 - 4. Greater economies can be built through use of Renewable Resources that includes “Cradle-to-Grave” use of materials so we become labor-technology driven and not material driven.
 - 5. Nature can work alongside us to assist in the development of renewable products.
 - 6. Instead of harnessing hydro-carbon based energy to be our slave, we can “hire” other species to work for us in exchange for the enhancement of their environment. This is similar to the domestication of animals for farming, transportation, security and pets in mutual symbiosis.
 - 7. This new system will take careful ecological balancing to make it work.

VII. CREATES A STABLE SYSTEM ADAPTABLE TO UNCERTAIN ENVIRONMENTAL CHANGES

- A. Current Civilization Structure is highly vulnerable to failure.
 - 1. Dependency upon long distance supply of food, water and energy is easily disruptive.
 - 2. Loss of food diversity (5 major foods) makes us highly vulnerable
 - 3. Failure will have devastating effect (many deaths) to inhabitants
 - 4. Most of the structures are not designed to withstand extreme weather anomalies. They will fail with extreme financial losses to be borne by insurance companies which will cause societal economic failure.
 - 5. Energy transmission failure (power line) will stop many social life support systems such as heating, cooling and water pumping
 - 6. Energy transmission failure will stop emergency communication
- B. System damage or failure will cause corporate economic disruption
- C. In-Harmony System creates a central living/work/play structure that is invulnerable to almost all natural and man-made calamities.
 - 1. Building has perfect structural shape to resist impact forces
 - 2. Building has food, water and energy storage for a minimum of two months
 - 3. Food Production System has environmental controls to allow it to operate independent of natural problems (except direct wind damage of Class 3 & 4 tornados)
 - 4. Manufacturing can continue under adverse conditions
 - a. Labor activities unaffected
 - b. Transportation of raw materials, sub-assemblies and finished goods unaffected with subway freight transportation
 - 5. Communication continues due to design of buried, serviceable cable
 - 6. Perimeter defense system prevents unwanted intrusion (stops most flooding)

VIII. ELIMINATES MOST VULNERABILITIES TO TERRORISM & CYBER-TERRORISM

- A. Terrorism occurs as result of individuals or groups feeling frustrated to control their own destiny. They devise unconventional ways to attack those persons or groups that they perceive as the cause of their

problems.

- B. Terrorism is a mental condition created by provoking fear in the target audience in such a way as to either terminate them or change their lifestyle patterns.
- C. Terrorism is much more effective in a vulnerable civilization as described in Item # V (above).
- D. In-Harmony System changes the perceived threat to people as we do not wish to eliminate human and cultural (religious) bio-diversity. We are all one human race.
- E. In-Harmony System provides improved physical protection for its inhabitants.
- F. In-Harmony System allows International Confederation protection of the System
- G. In-Harmony System protects against Cyber-terrorism by creating multi-level system firewalls that prevent penetration into city operational life support systems. Current "Smart Grid" systems are vulnerable from any end-user input.
- H. Energy and Communication System connections between ARC Cities will have an neutralizing interface that cannot be penetrated.

IX. CREATES A SYSTEM THAT REVERSES ECOLOGICAL DEVASTATION

- A. Each ARC City maintains its own Sustainable Footprint
- B. Each ARC City releases no CO₂, NO₂ or SO₂ into the atmosphere
- C. Each ARC City supports teams of Restoration Ecologists that go outside into the exterior environment to re-balance Nature with Deep Ecology methods
- D. Each ARC City sends teams of re-cyclers into the old cities to dismantle and re-use materials
- E. The In-Harmony System has a radiating zonal area of human activity that diminishes to almost zero as it approaches the perimeter boundary. This results in huge lessening of human impact on the environment.

X. CREATES A CHANGING AND EVOLUTIONARY CIVILIZATION

- A. The human being is the most evolutionary creature on the planet.
- B. Our reality has evolved through discovery, by trial and error. Which is what evolution is about? The resultant leaders may actually be in error, in which case human evolution may need further modification
- C. Society's leaders have attempted to direct their citizens with many different methods. The three main motivators are:
 - 1. Fear – death, starvation, lack
 - 2. Greed- having more, feeding the ego, power by control of supply
 - 3. Love – family, humanity, order, cleanliness, Nature, God
- D. Humans Reality is modified by the environment around them
 - 1. Natural Environment – desert, tropics, mountains, sea shore, river, valley, lakes, hot and cold, high altitude, trees, flowers, grass, animals
 - 2. City organization- random, grid, radial, planned
 - 3. Personal Habitat- comfortable, austere, modern, traditional
 - 4. Clothing – uniforms (sameness), non-uniform (difference & ego)
 - 5. Activities – Jobs, education, physical & non-physical play, exercise
 - 6. Social Status – job, education, spiritual, political, economic, heredity
- E. Current Civilization is leading humans the wrong way (erroneous beliefs)
 - 1. Consumption orientation is causing the human species to dominate and overwhelm all other life.
 - 2. We view quantity and not quality as a way to show differentiation
 - 3. We value human life over all other life forms
 - 4. We have had a lack of understanding and sensitivity about how humans are to relate with the Earth.
 - 5. In the Creation Story #1, God created all Life, including Mankind, and gave us dominion over all the creatures. Humans have mistaken survival as an excuse to be malevolent instead of

benevolent. We have been cruel to each other (genocide & wars). We have been cruel to animals, trees and soil life.(man-made extinction of species)

- F. Humans have gained tremendous knowledge and awareness in the last 200 years.
 - 1. It is cognition that really separates our species from all others.
 - 2. The development of language skills that has allowed us to discover knowledge and pass it on to the next generation
 - a. First was development of verbal skills
 - b. Second was creation of writing and paper
 - c. Third was the printing press and mass distribution of a physical object (book)
 - d. Fourth was the development of the computer and Internet to allow knowledge to be spread invisibly worldwide.
 - 3. The Internet has allowed that knowledge to be dispersed not only through society but now can be dispersed worldwide to thousands of societies
 - 4. Our knowledge must continue to be passed on. We saw a thousand year loss of knowledge after the Fall of Rome and should not want that to occur again.
 - 5. The human species needs to take adaptive measures to insure survival through the problematic centuries to come to prevent a Dark Age that would last for as much as 10,000 years.
- G. Now we must change our habit patterns about how we relate to Life and Nature.
 - 1. Historically large species are the first to disappear during environmental problems.
 - 2. It is through biodiversity that complicated life is supported.
 - 3. We must understand how the diversity of Life allows us to exist and that by being too greedy with our domination of the Earth, that we are destroying this very life support system
- H. We must live in a new way or we will continue to further create an environment so hostile and out of Balance with Nature that we will kill ourselves
 - 1. We are moving towards extermination of thousands of species at a faster rate than anytime in history.
 - 2. Overpopulation is to blame. We have eliminated the natural checks and balance of human species that has kept our numbers low enough to not harm the environment.
 - 3. Living in our old pattern it would be necessary to reduce our population to about 500 million.
 - 4. Living in the In-Harmony System we could safely achieve a population of 1 billion without upsetting the Balance of Nature

XI. CREATES MEGAPROJECT SIZE WITH CONTROLABLE FUNDING ENTITIES

- A. The In-Harmony System with ARC Cities is a massive investment for the future of humanity.
- B. This is comparable to the Egyptians building pyramids or the Chinese building their Great Walls.
- C. Each city will cost between \$1-\$5 Billion depending on size, construction costs and how the land is valued.
- D. We will have to build thousands of these cities to reseed the Earth into a new direction.
- E. It will take the dedication of the very rich and powerful to make this happen. There are very powerful groups of people who will have to make the decision that their current direction is leading towards massive death and that a change of heart is necessary. It will show their enlightenment that they can amass so much wealth and then give it back to the Earth. (The In-Harmony System is about the human race integrating with nature)
- F. It will take the dedication of millions of people who are willing to venture into a new way of living, very different than what they already have.
- G. It will take faith in God that this is the Way of the Future.