

S U S T A I N
A B I L I T Y
M A T T E R S

REBOOTING THE WORLD WITH COLLABORATIVE CONCEPTUAL ART

LICENSED FOR USE IN TEACHING & LEARNING
at THE UNIVERSITY OF BRITISH COLUMBIA

© Kurt Andrew Grimm - arkurtgrimm.com - kgrimm@ati.eos.ubc.ca

Final Art: Viranly Liemena, Phil Testemale & Patrick Little

SUSTAIN-ABILITY MATTERS

COLLABORATIVE CONCEPTUAL ART IS USEFUL AND FUN. MY GOAL IS FRESH AND "STICKY" SYNTHESIS, THAT INVITES EXPLORATION AND LEADS TOWARDS TRANSFORMATIVE OUTCOMES.

THIS COLLECTION TELLS A STORY – LEADING-INTO AND PERHAPS BEYOND – SUSTAINABILITY. IT IS NOT THE WORLD THAT MUST CHANGE, IT IS OUR WORLDVIEW.

PLEASE LOOK AT THE ART: ENJOY.

YOURS FOR SUSTAIN-ABILITY,
EQUALS AUTHENTIC ABUNDANCE,

KURT –OCTOBER 2013

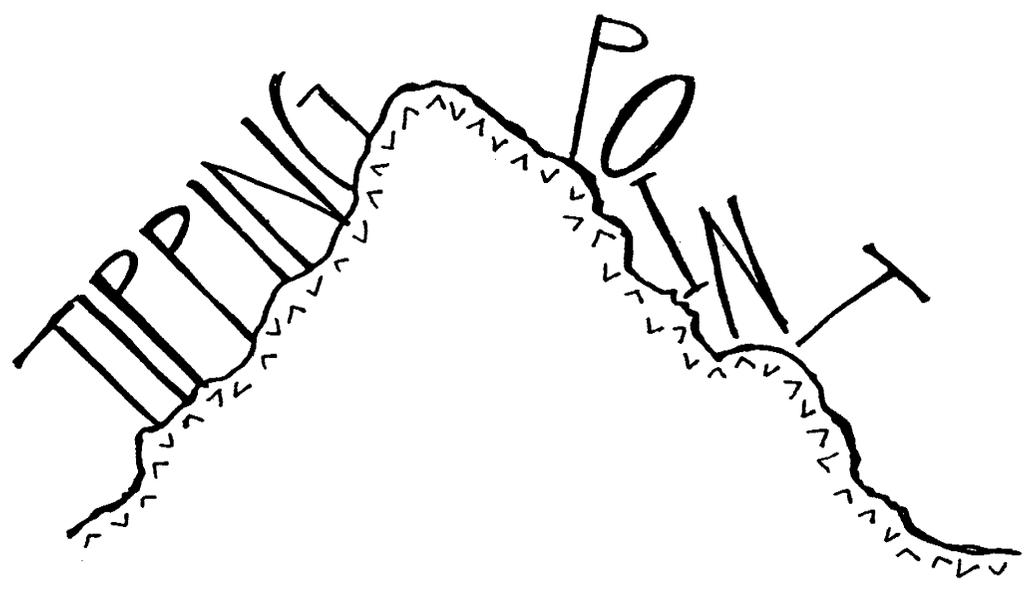
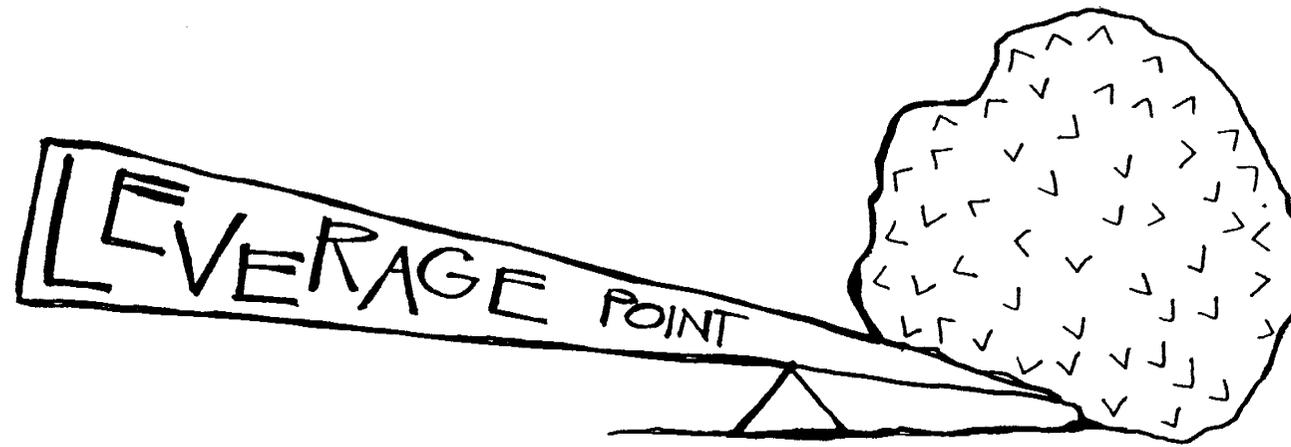
"THE MIND IS NOT A VESSEL
TO BE FILLED BUT A
FIRE TO BE LIGHTED"

PLUTARCH

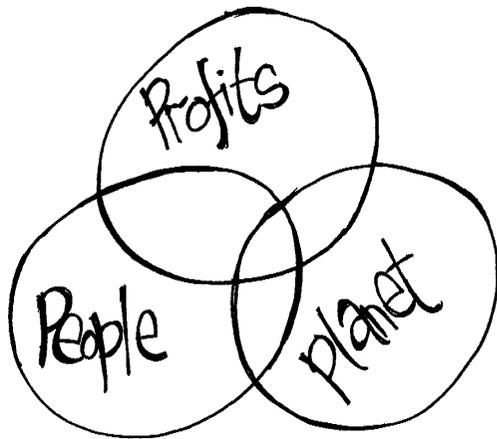
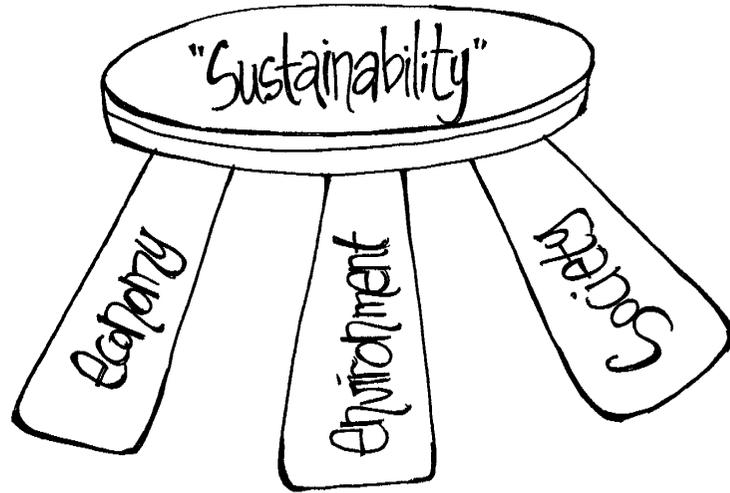






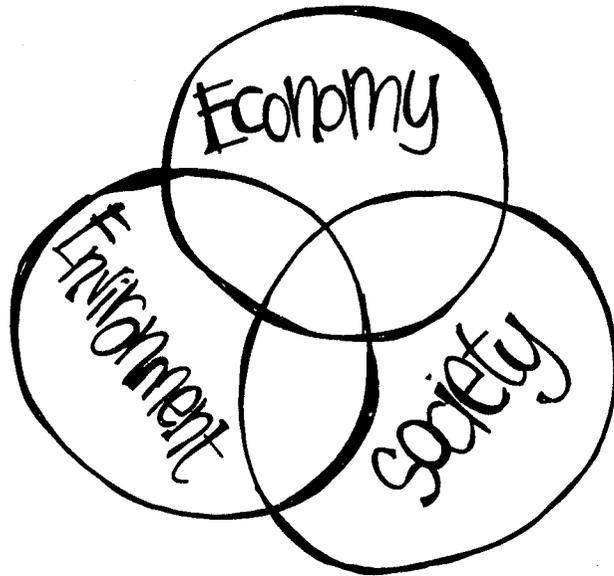


THREE LEGGED STOOL...

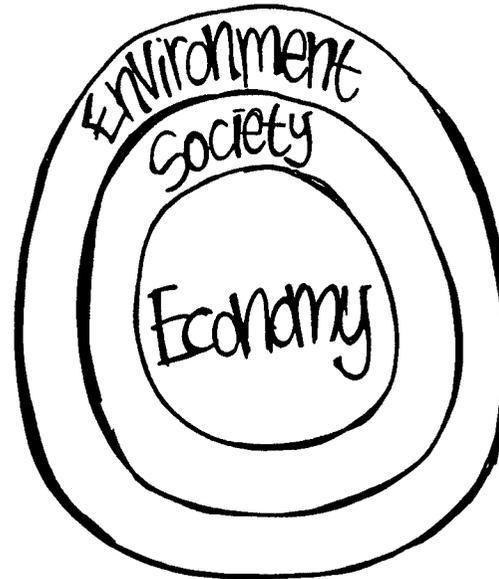


... TRIPLE BOTTOM LINE

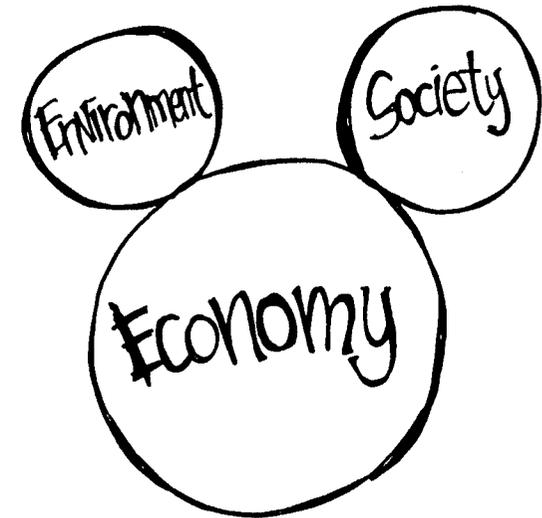




Three-legged stool

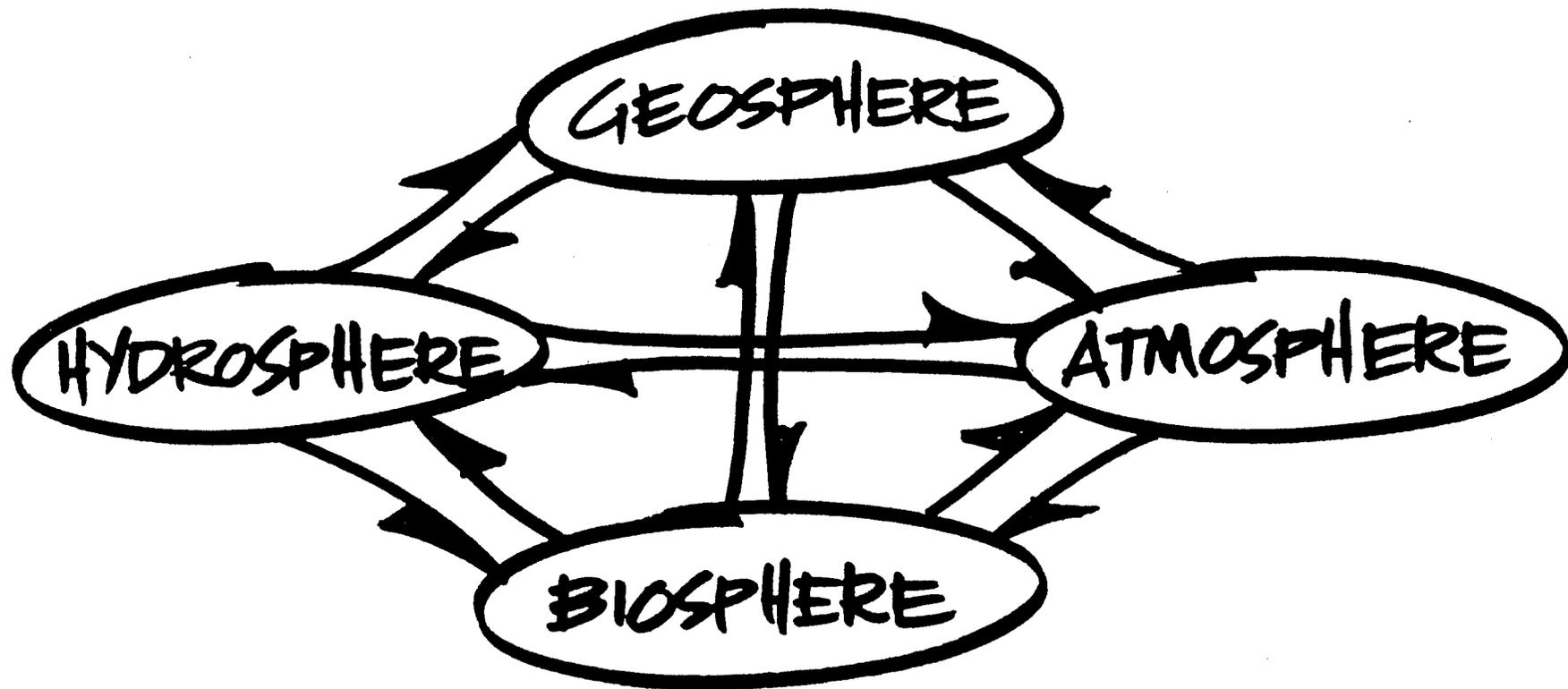


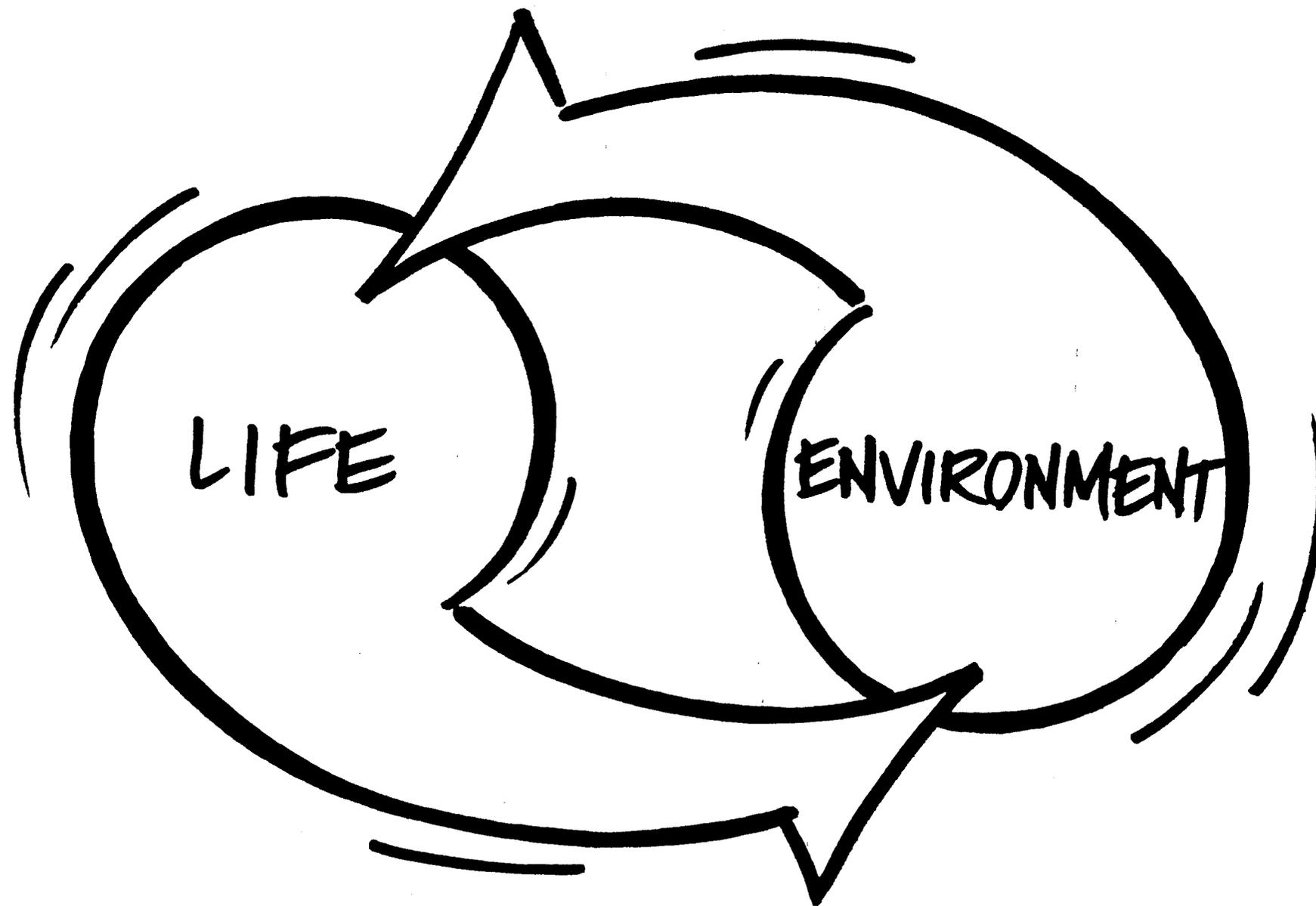
Bullseye

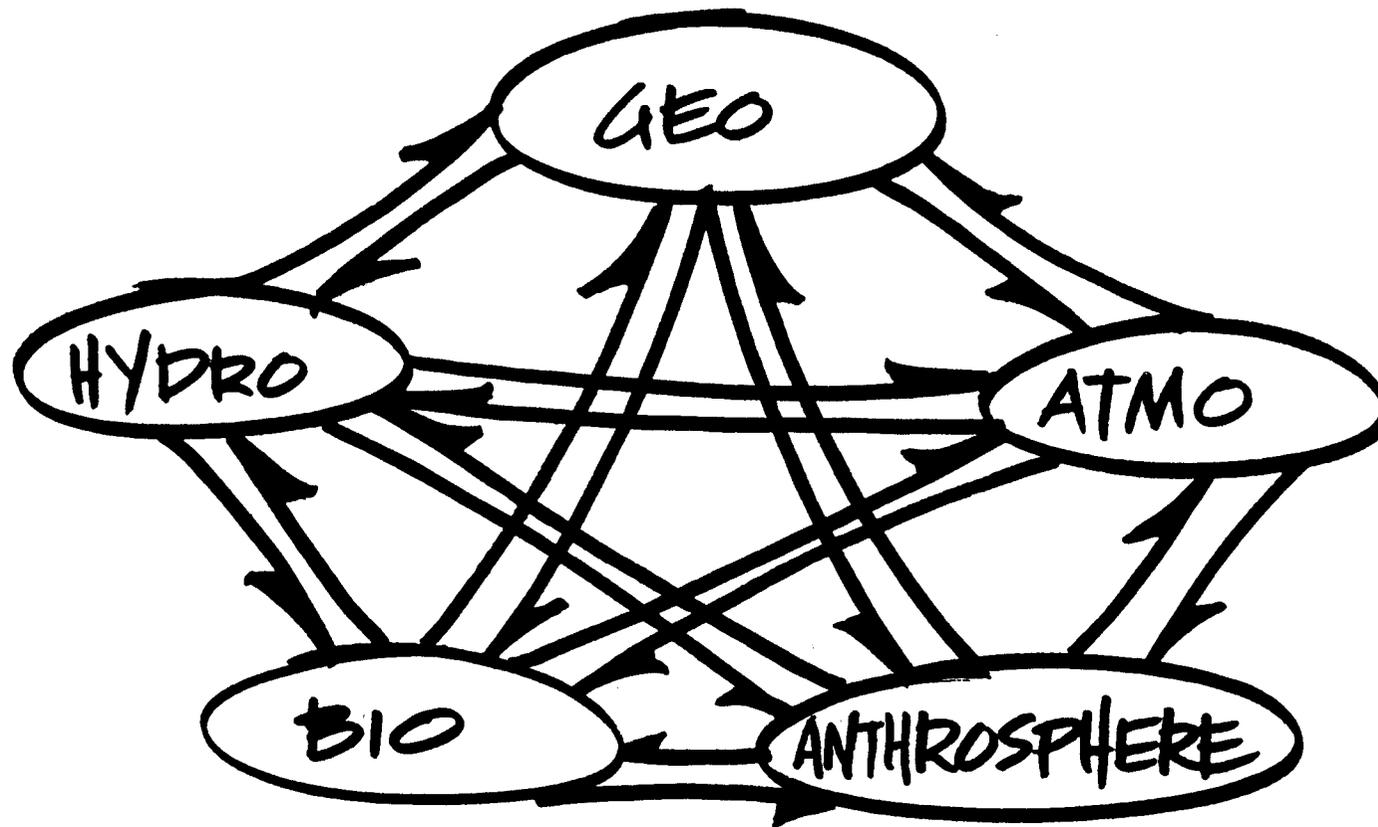


Mickey mouse!

4 BILLION YEARS
of Earth System Evolution.







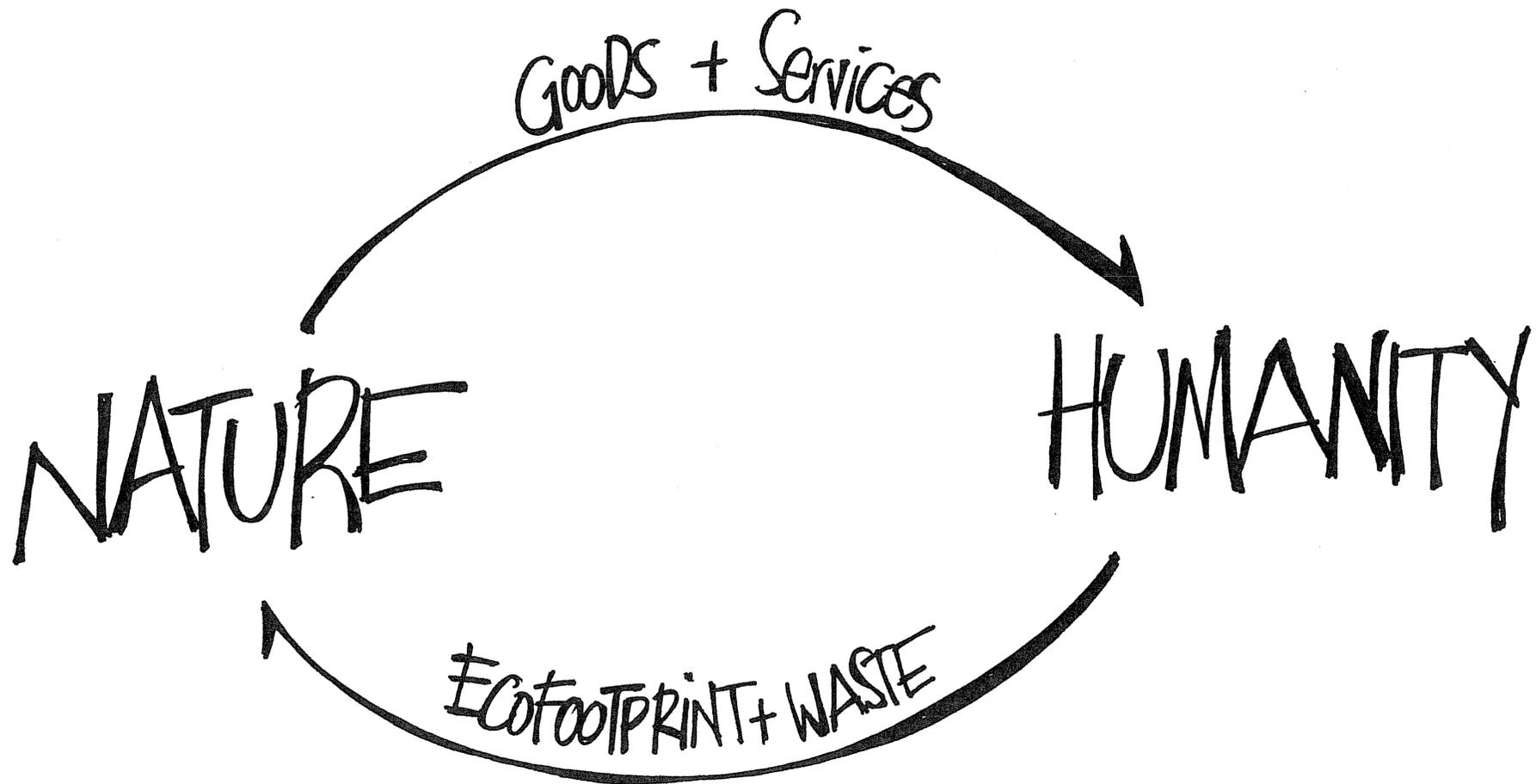
~ 8,000 B.P. to NOW.

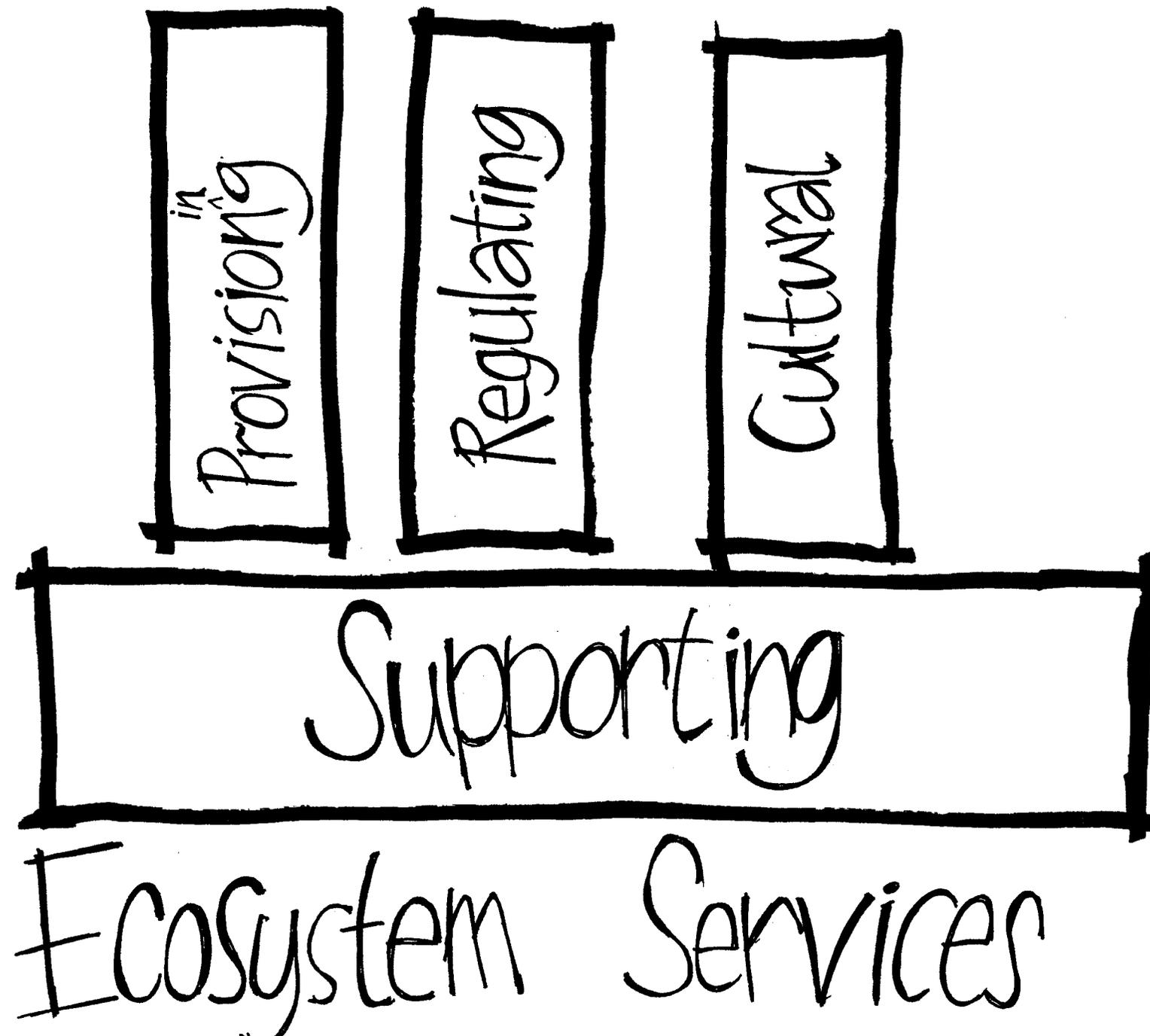
ANTHROSPHERE:

FOSSIL-
FUELED
industrial

HUMANITY

AS AN AGENT OF PLANETARY CHANGING





PROVISIONING
Water
Food
Building Materials
Fiber
Biofuel

REGULATING
Climate Regulation
Food Control
Water Storage
Purification
Disease Mitigation

CULTURAL
Cultural
Recreational
Educational

SUPPORTING
Nutrient Cycling, Soil Formation, Primary Production,
clean air ...

ECOSYSTEM SERVICES

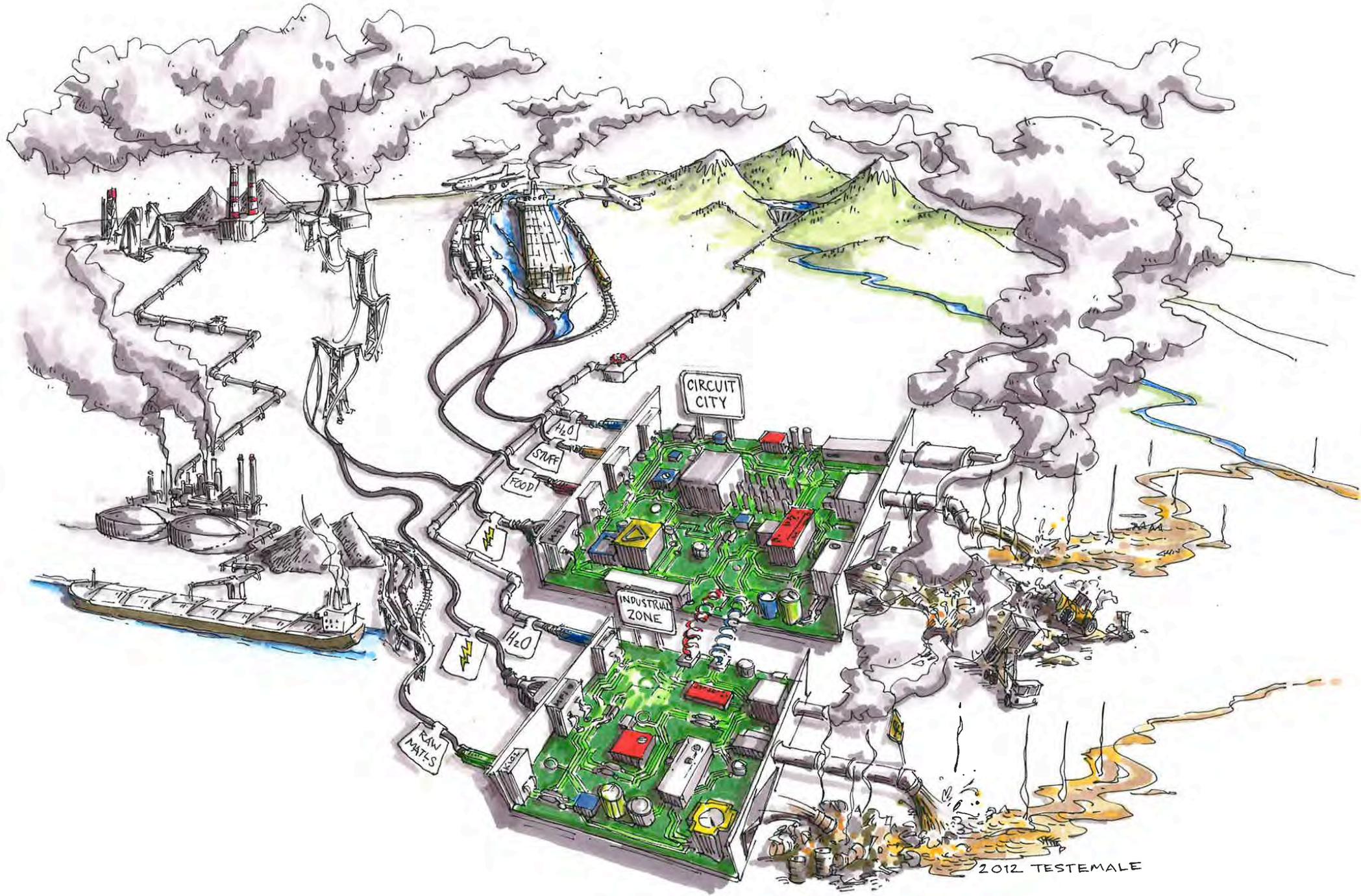




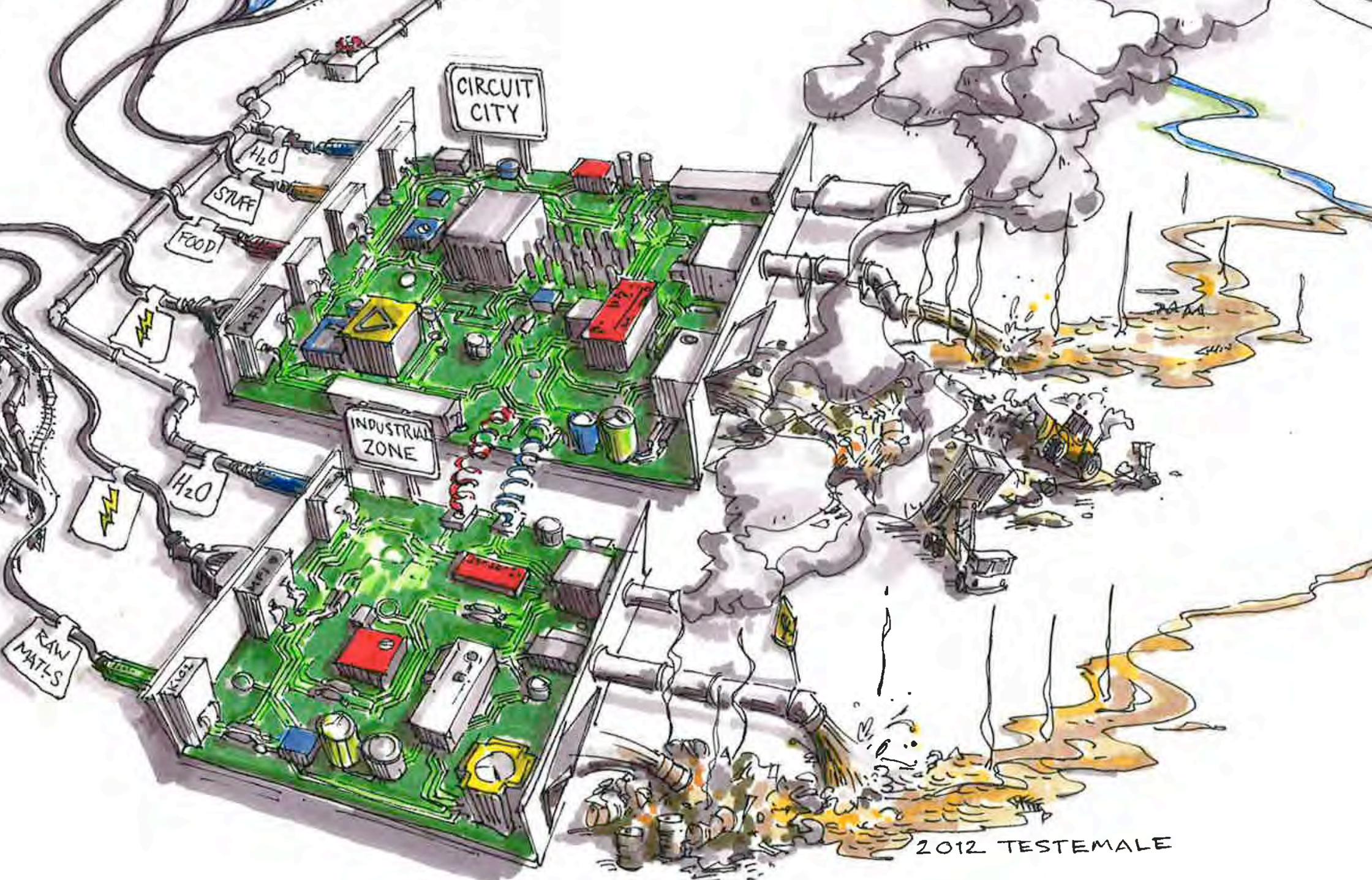
G L O B A L

U R B A N

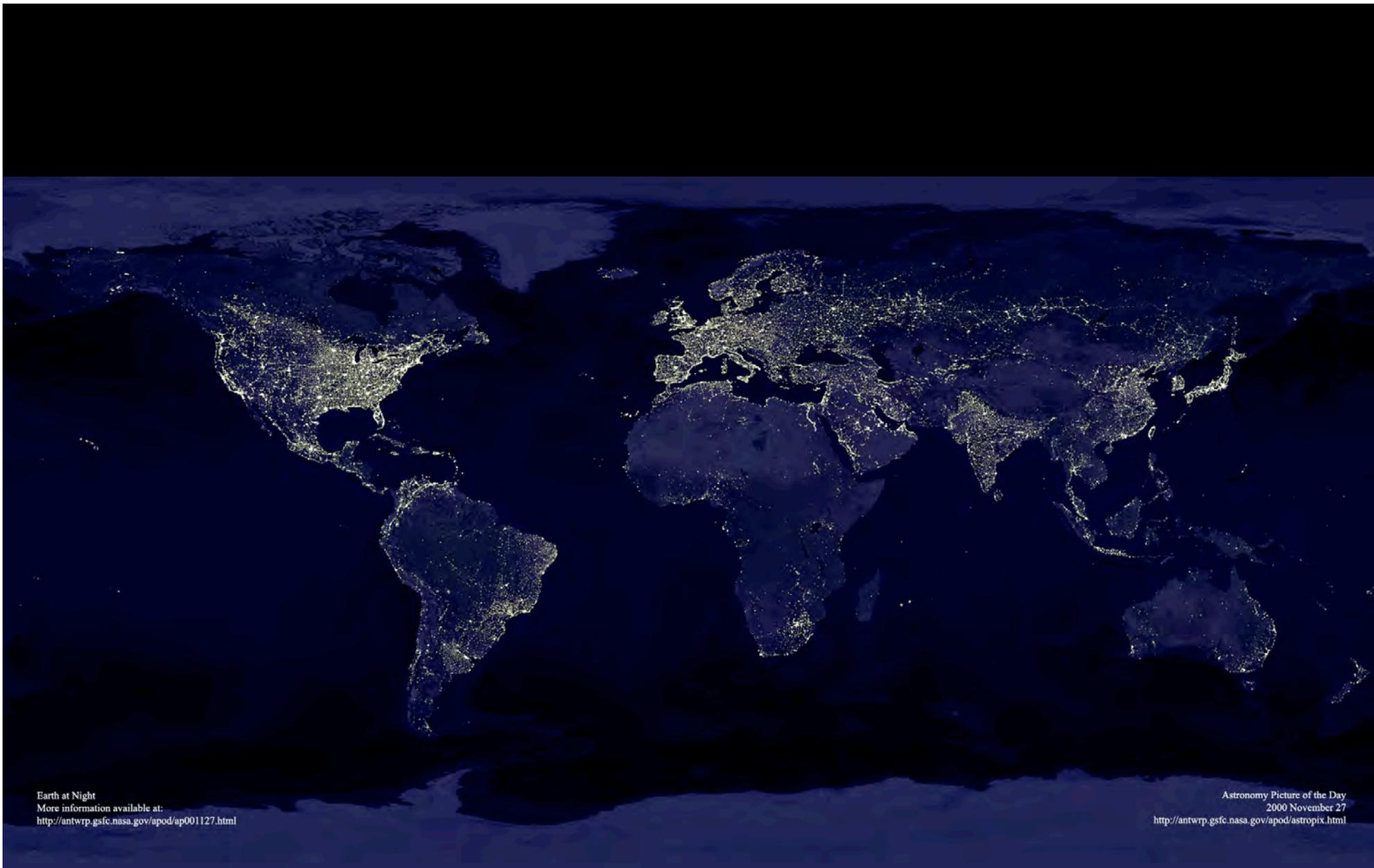
m e t a b o l i s m



2012 TESTEMALE



2012 TESTEMALE

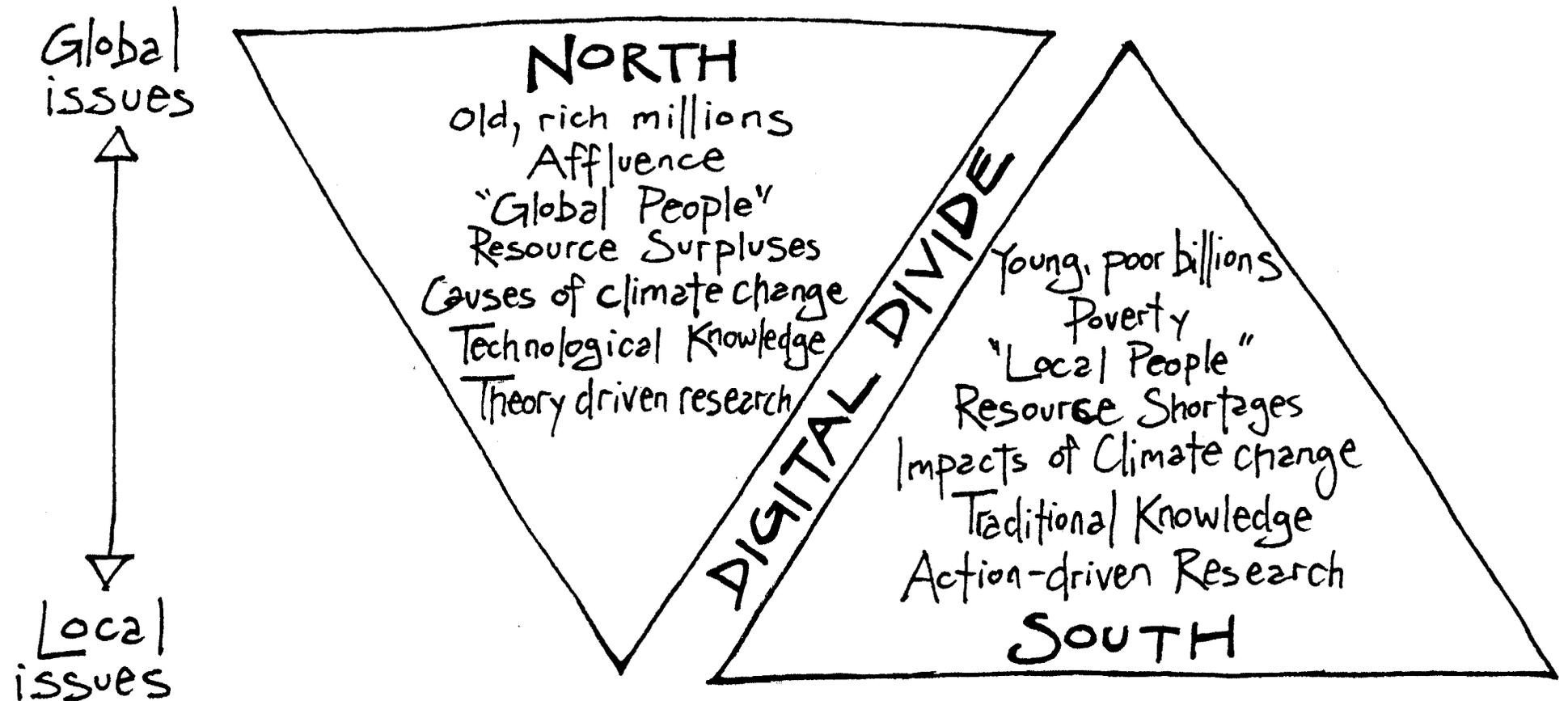


Earth at Night
More information available at:
<http://antwrp.gsfc.nasa.gov/apod/ap001127.html>

Astronomy Picture of the Day
2000 November 27
<http://antwrp.gsfc.nasa.gov/apod/astropix.html>

The "Digital Divide" (Kates, et al., 2001).

Sustainability science within a divided world.



LOOK AROUND: WHAT
IS THE

right
human
just
mature
sane

RESPONSE

TO WHAT IS HAPPENING IN THE REAL WORLD?

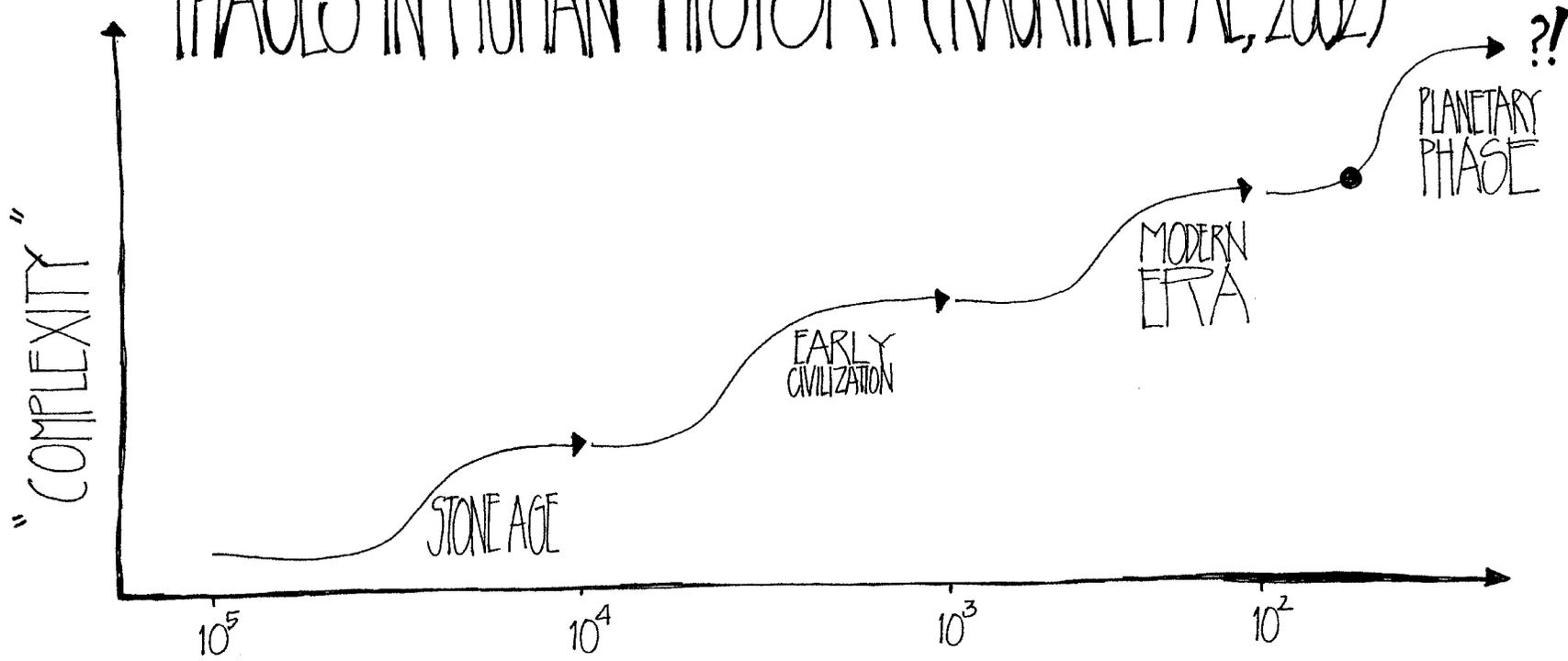


THE WORLD IS
UPSIDE DOWN
AND THINGS ARE GOING
SIDEWAYS

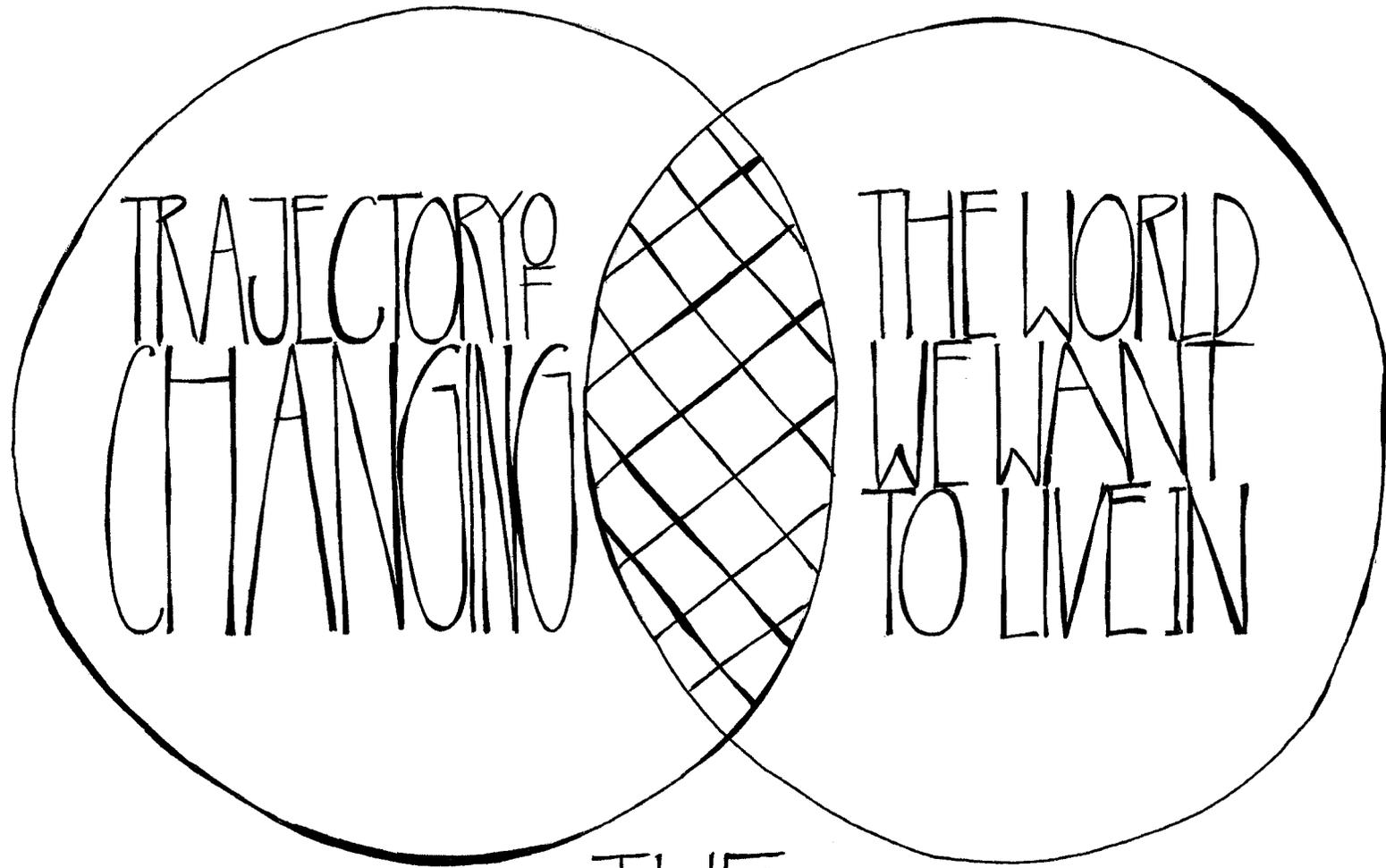


THE
MOMENTS
BEFORE
DIFFERENCES CHANGE

PHASES IN HUMAN HISTORY (RASKIN ET AL, 2002)



STAGE	STONE AGE- 10^5 YRS	EARLY CIVILIZATION- 10^4 YRS	MODERN ERA- 10^3 YRS	PLANETARY PHASE- 10^2 YRS?
ORGANIZATION	TRIBE/VILLAGE	CITY-STATE; KINGDOM	NATION-STATE	GLOBAL GOVERNANCE
ECONOMY	HUNTING/GATHERING	SETTLED AGRICULTURE	INDUSTRIAL SYSTEM	GLOBALIZATION
COMMUNICATIONS	LANGUAGE	WRITING	PRINTING	INTERNET



THE
BIG
SIMPLE

SUSTAINABLE DEVELOPMENT.

SUSTAINABILITY.

SUSTAIN-ABILITY or

REGENERATIVE
TRANSFORMATION?

IF SUSTAINABILITY IS
ABOUT PROFOUND CHANGES,
FUNDAMENTAL CHANGES,
WE MUST BE WILLING TO
SUPPORT INNOVATION WE MAY NOT
UNDERSTAND,
AND STEP OUT FROM OUR PERSONAL AND
INSTITUTIONAL
COMFORT-ZONES.

PRESCRIPTIVE
PERMANENT
MECHANICAL
INCREMENTAL
INSTITUTIONAL
OUTCOMES

OR

DESCRIPTIVE
ADAPTIVE
ORGANIC
INNOVATIVE!
SUCCESS!

CHANGING TRANSFORMATION
IS NOT GRADUAL
TRANSITION INCREMENTAL
PREDICT-ABLE
LOGICAL-
LINEAR

COMA

AGRI-CULTURAL/DEFRAGMENTATION
SUSTAIN SKILL-FULL ABUNDANCE
DOWN BEAUTY-FULL URBAN
POOPING AUTHENTIC ACCOUNTING
TO WATER-POOPING LIFE AFFIRMING FULL ORCHARDS
ABILITY LIFE MIMICKING COST
REGENERATING TRANSFORMING
INFORMED INTUITION
ENTREPRENEURIAL
THINK LOCAL-AGT LOCAL
UBUNTU: WEEPING ⇌ LAUGHING

AUTHENTIC
ABUNDANCE

Johari Window

Known to Self

Not Known to Self

Known
to
others

OPEN

BLIND

Not
Known
to
others

HIDDEN

UNKNOWN

20TH

21ST

SUSTAINABLE DEVELOPMENT →
SUSTAINABILITY

SUSTAINITY
ABILITY

REBRANDED ENVIRONMENTAL

ENTREPRENEURIAL

PROTECTING THE ENVIRONMENT
TECHNOLOGY/HARDWARE: HI-TECH

TRANSFORMING CITIES
HUMAN SOFTWARE: LO-TECH

TRIPLE BOTTOM LINE

LEVERAGE PTS.

PROBLEMS

OPPORTUNITIES

PARTICIPATORY PROCESS
TECHNOLOGY+COMMUNITY

LIFE HEALTH+FAMILY

KNOWLEDGE+SYSTEM THINKING
EXPENSIVE+HANDS LOGGING

SKILLS+PRACTICAL DOING
CHEAP+FUN!

ENTRENCHMENT

EXPERIMENTAL

PAYING MORE

JOBLESS

BUILDING TEMPLES+EMPIRES

NOURISHING FRUIT TREES+NATINO

WATER-FOOFING

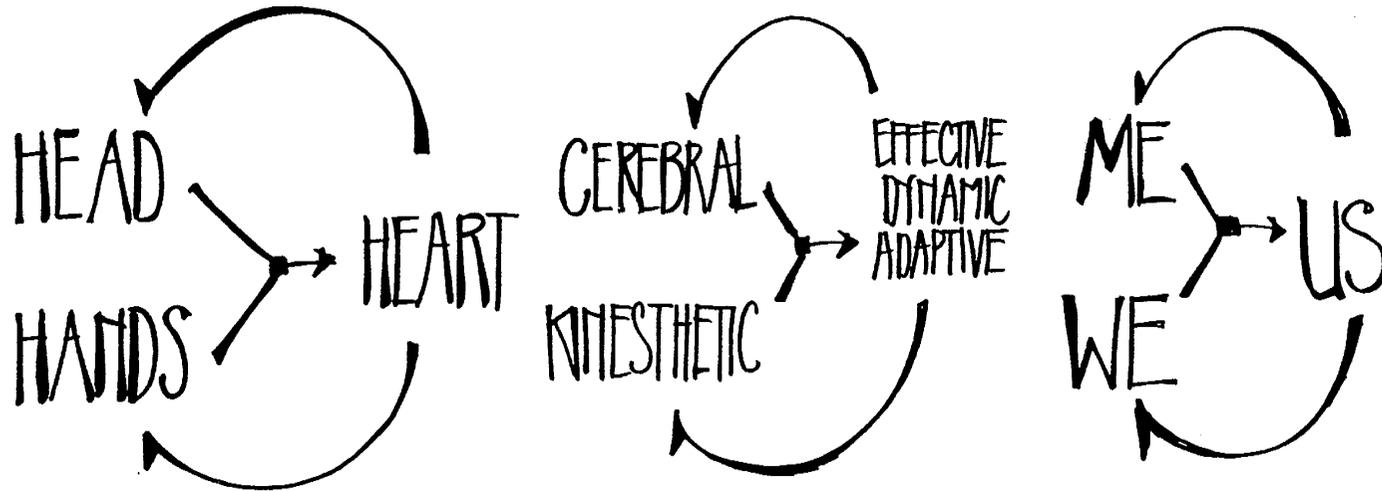
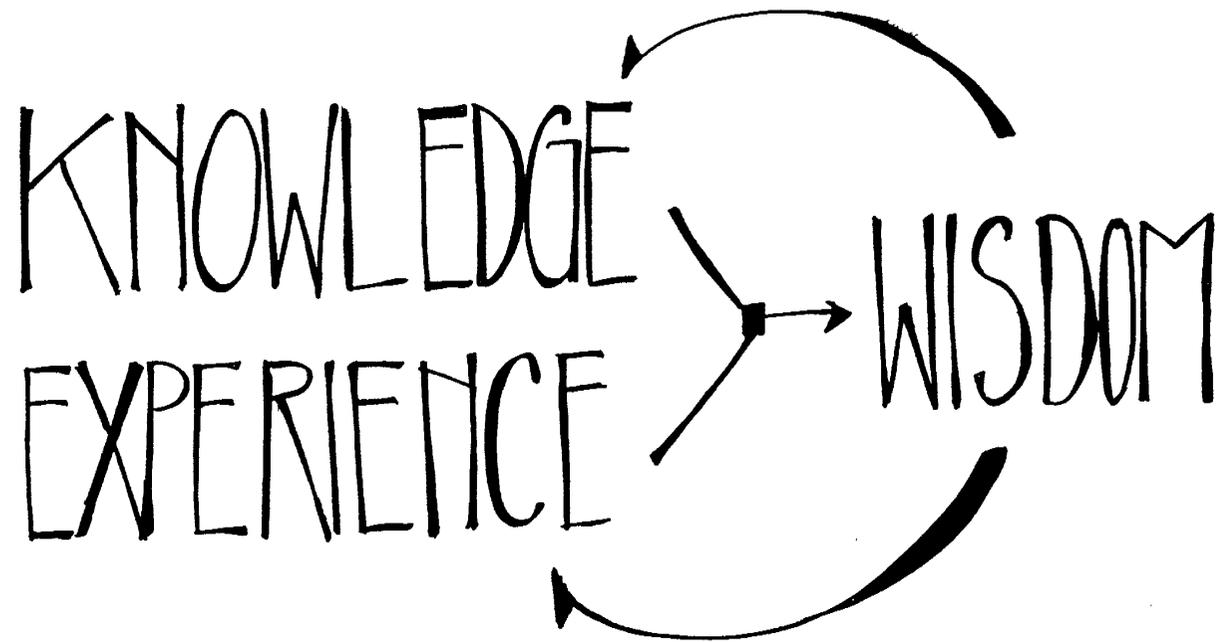
FOOF-TO-PLATE

TYRANNY OF CARS

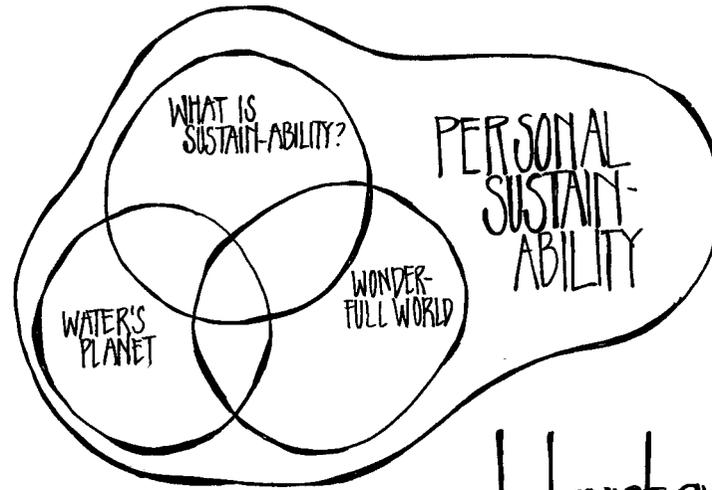
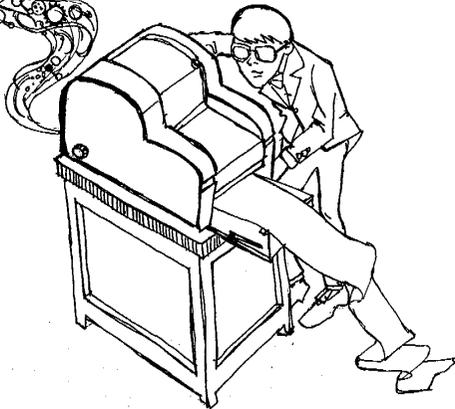
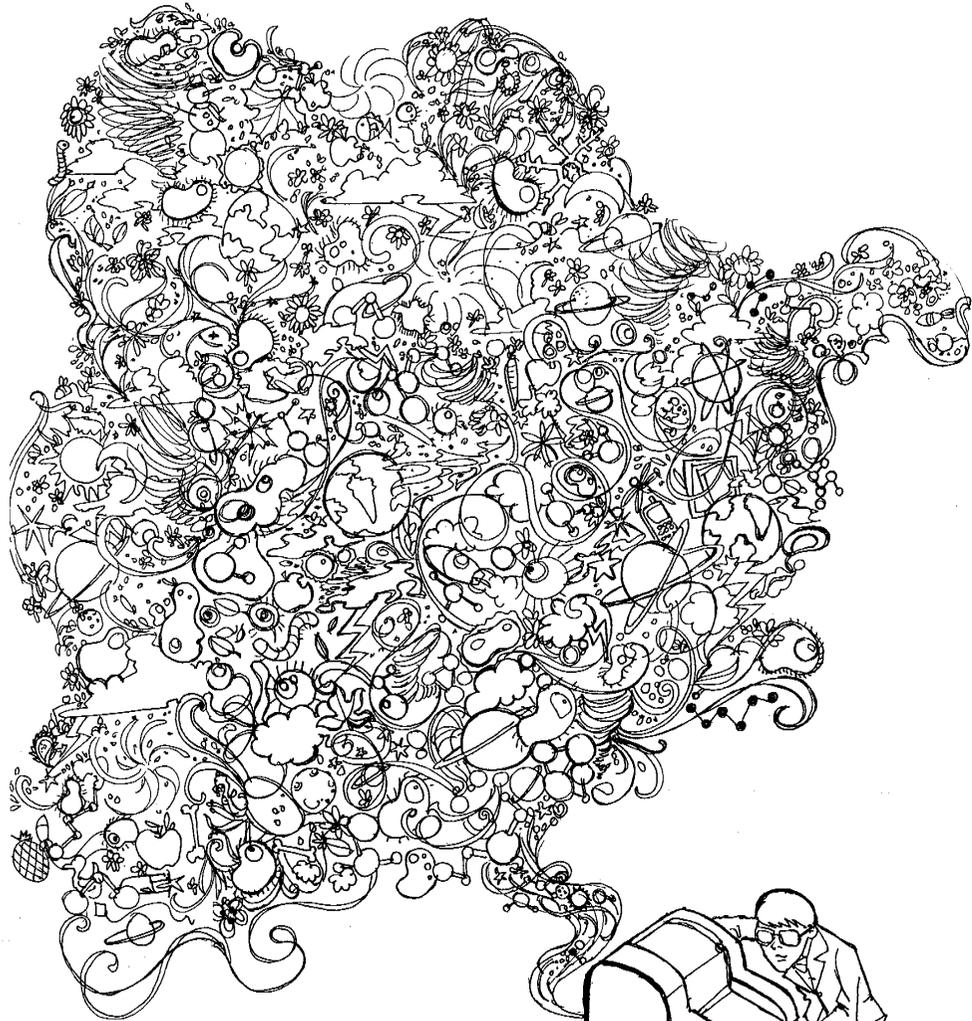
CAR-FREE NEIGHBOURHOODS

VERY COMPLICATED+
FAST POST-MODERNISM

SLOW+COMPLEX/DYNAMICAL
AGRI-CULTURE



TRANS-FORMATIVE SUSTAINABILITY LEARNING



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COMPLEXITY IS NOT COMPLICATED.
 MINDMAPPING. WORDMAPPING. WET
 TECTONICS. LIFE IS. WATER'S
 PLANET. CLIMATE CONSORTIUM. READY FOR
 SURPRISES? TRANSFORMATIVE SUSTAINABILITY
 LEARNING. WATERFOOPING. JESUS+THE BIBLE

Synopsis:

A collection of collaborative conceptual art is presented here, the product of research, innovation and collaboration over many years. These figures are intended for use in sustainability teaching and learning. These creative works are licensed for use at The University of British Columbia. Online use must include attribution as follows: © Kurt Andrew Grimm/drkurtgrimm.com. Written permission is required for other uses.

Introduction and Thank You:

A simple collection of conceptual art — mindmaps wordmaps and collaborative conceptual cartoons — are presented here. The art is a useful and adaptable orientation to a conceptual and practical landscape. For most people familiar with sustainability, a sequential walk through the figures will self-explain, clarify and catalyze. A companion narration (.mp3) is in preparation; please request it. Much related text — including captions, essay-like narratives and two book proposals — link to what is summarized here. I welcome inquiries about the work and my goals.

Evidence-based conceptual art facilitates summary, synthesis, and engaging presentation. **Hand-rendered conceptual art** is fun to create and employ; using it often catalyzes creativity, reflection, and discussion towards fresh and “sticky” synthesis.

This compilation interprets “sustainability concepts”. Upon request, I’ll send along a companion mp3 file, to provide brief narration to accompany these figures. Evidence-based conceptual art, even where partnered with written and/or spoken word is neither about precise definitions nor complete analytical description. I welcome inquiries, towards assisting you in dovetailing any or all of these figures and concepts with your own understandings and perspectives. I also welcome encouragement and suggestions.

My sincere thanks to many professional colleagues — particularly in my home department (Earth, Ocean and Atmospheric Sciences) and specifically to Cole Nakatani, Alison Aloisio, Paul Smith, Bill Rees, Roger Beckie, Marc Bustin and Teresa Woodley. Thanks also to my many students — those who love me and particularly those who may not. Much novelty and discovery has been spawned at the chalkboard, and in some other dry places.

Researching a new synthesis while creating the content and design of related conceptual lineart has been my primary research activity for nearly a decade. Thanks to Phil Testemale for collaborative cartoons arising from paid commission and symbiotic conceptual catalysis. In my opinion, Phil’s work is without equal; our collaboration is nourishing and delight-full. Patrick Little awakened the necessity of hand-crafted beauty and folksy calligraphy for effective mindmaps and cartoons. Viranly Liemena gave those descriptors wings. Most of the costs for preparation of final art were paid out-of-pocket. Support from UBC-EOAS Teaching and Learning Equipment Fund, and the Teaching and Learning Enhancement Fund (TLEF) at UBC are gratefully acknowledged.

Grateful thanks to dear family and friends, for abundances of kindness, prayer and encouragement. I am and we are truly blessed.

To my readers, be attentive and listen to the world: the dynamics of change are themselves changing. We may soon be presented with the opportunity to reboot the world. Yet it is not the world that must change, it is our worldview.

All of my work aims to equip individuals and societies for success in what must be **the great project for 21st century humanity: the regenerative transformation of industrial worldview and planetary cities**. Beauty is and must be central to sustain-ability. Science and institutions are marvelous tools, yet I believe that the tyranny of reductionism and institutionalism must give way to Life-centric worldview and wise agri-cultural practice. Rock, water, soil, seed; heads, hands and hearts — these are foundational. Please enjoy and employ what’s assembled here. Let’s accomplish greatness together.

Kurt Grimm, October 24, 2013
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