

Permaculture

Design of an ecological life



Permaculture is not only gardening. "It is the way of how to live sustainably on this planet.

-Bill Mollison

Permaculture is a conscious design system with the consideration of local resources and taking into consideration of nature's patterns. -- David Holmgreen



WASTE

- * Extraction
- * During the process
- * Distribution

~4 trillion TON -OECD countries

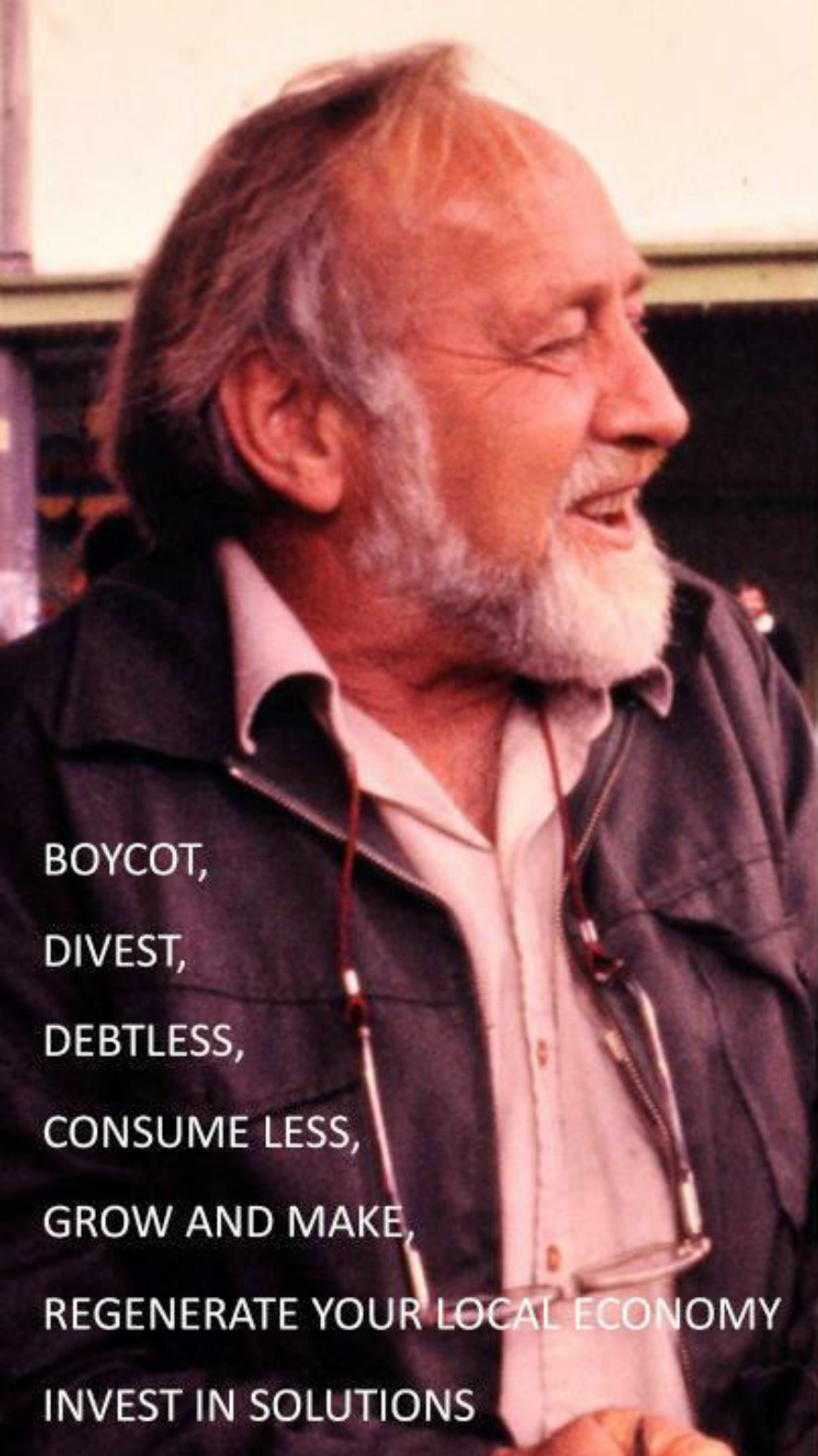
Soil lost :

- Plowing etc **1 kg food--> 8 kg soil lost**

*Since Industrial revolution
carbon emission:

-1800 s 200ppm

- today ~ 400ppm



BOYCOT,
DIVEST,
DEBTLESS,
CONSUME LESS,
GROW AND MAKE,
REGENERATE YOUR LOCAL ECONOMY
INVEST IN SOLUTIONS

*We need to do more than just grow our own vegetables – we need to examine the roots of the problems of world hunger and resource depletion and **make big changes in the prevailing financial system.***

- Bill Mollison 1983

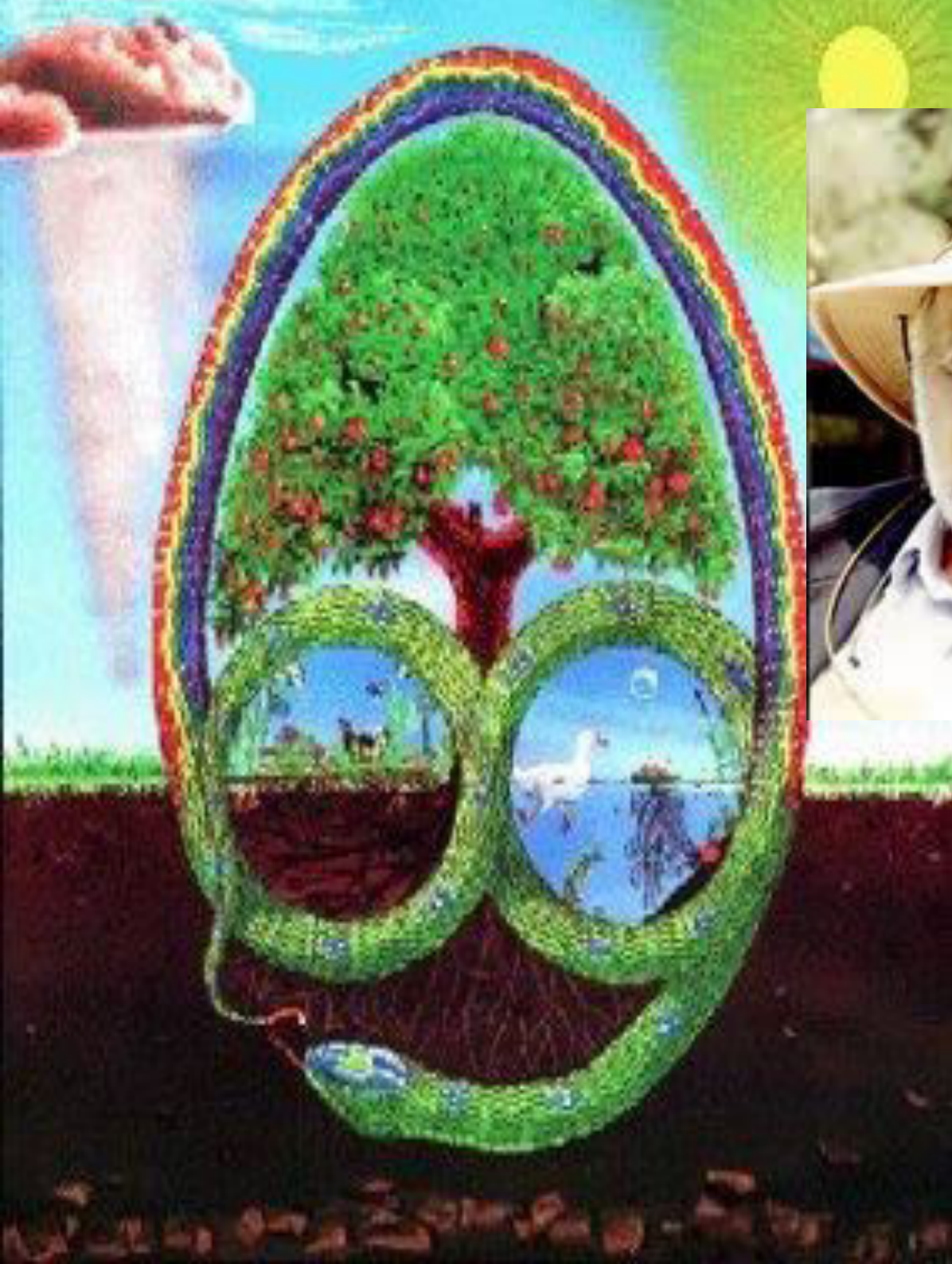


Design Science

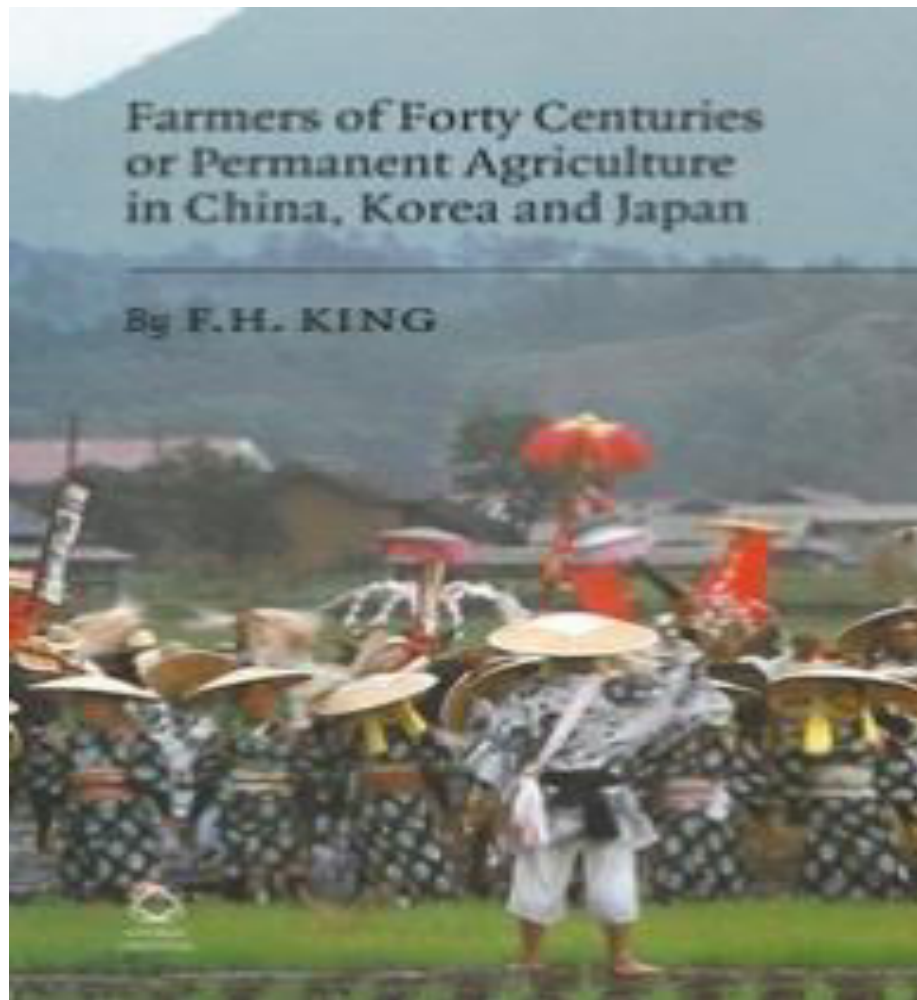
**“A beneficial assembly of
components in their
proper relationships”**

Permanent Agriculture/ Traditional indigenous cultural practice





Franklin Hiram King—*Farmers of Forty Centuries; Or Permanent Agriculture in China, Korea and Japan*



*Sustainable Agriculture
Increasing living soil to absorb
Salt and CO2*

**Water for
Every Farm**

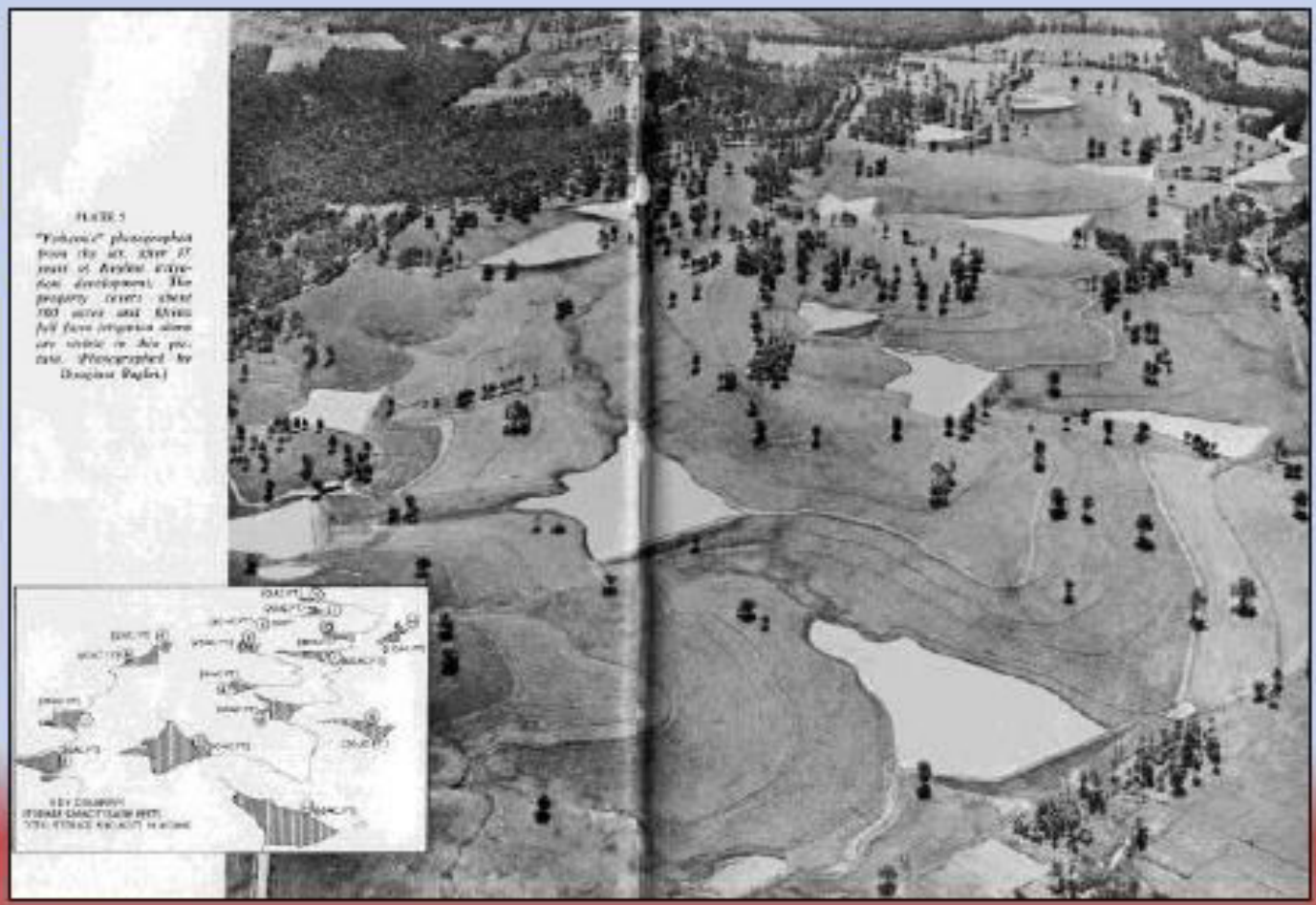
Yeomans Keyline Plan

www.keyline.com.au

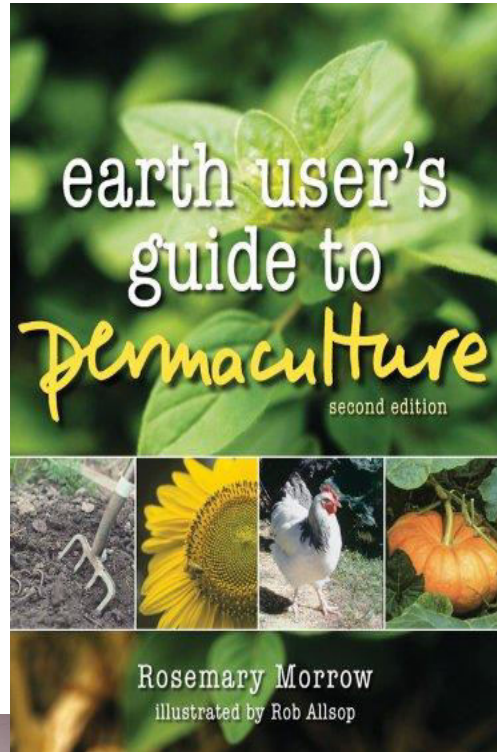
Comprehensive Whole Farm Design
 Amplest Carbon Capture
 Water Storage in Farm Dams
 Layout Design from Roads
 Quick Gravity Irrigation
 Custom Strip Fertiliser
 Sustainable Design
 Healthy Livestock
 Solving Salinity

Compiled, updated and edited by
Ken B. Yeomans M.D.A.
 from notes and drawings of the late

P.A. Yeomans



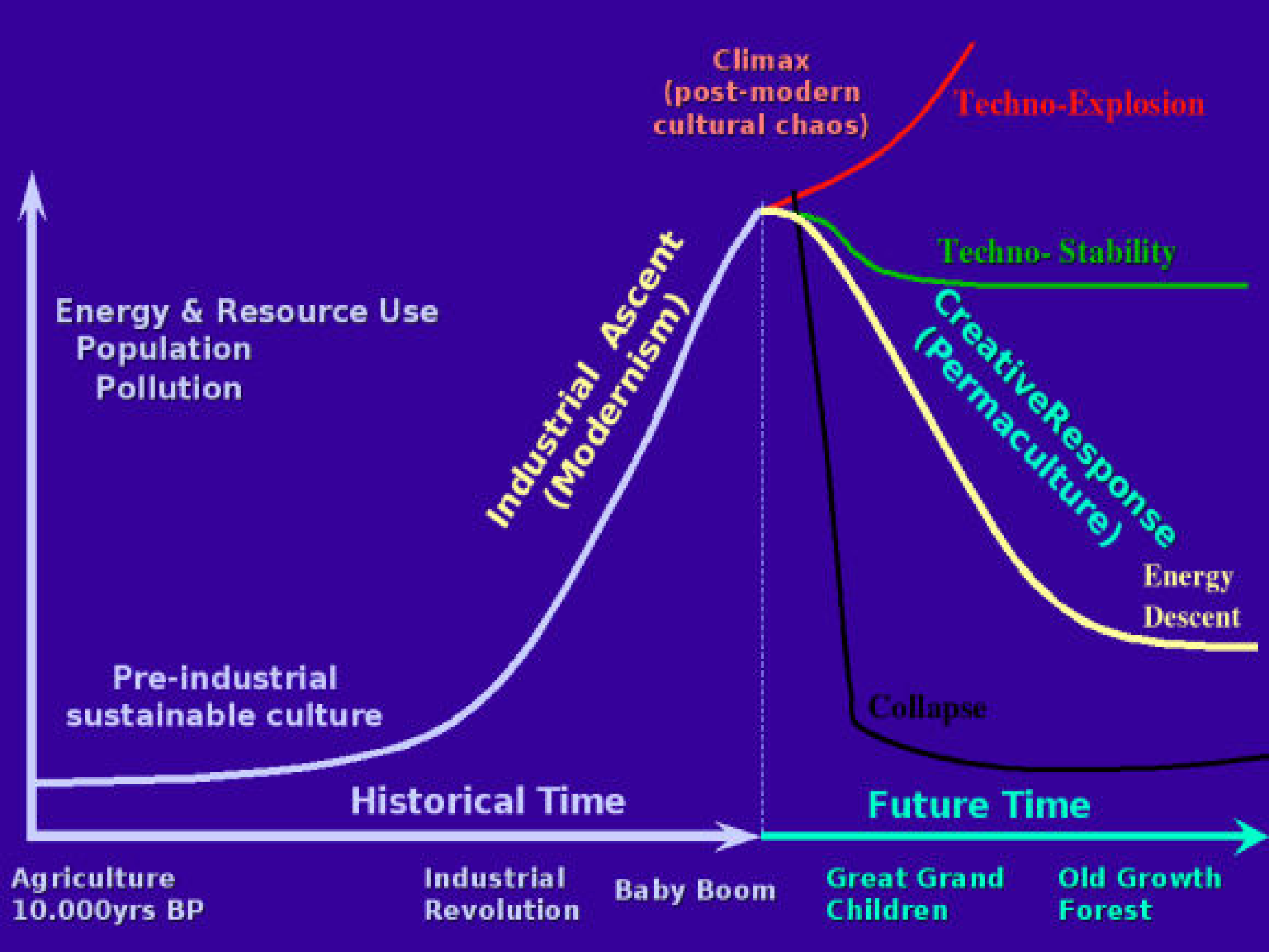
Women Educators & Activists



KÜRESELLEŞMEYE ÇÖZÜM: Yeniden Yerellik

Su, gıda, ekonomi enerji, sağlık, yerleşke, beceri alet ve arazi paylaşımı yoluyla toplululuk yaratarak çözüm oluşturmaktır.





Creatively use & respond to change

Use edges & value the marginal



Observe & interact

Use & value diversity



Catch & store energy

Use small & slow solutions



Obtain a yield

Integrate rather than segregate



Apply self-regulation & accept feedback

Design from patterns to details



Produce no waste



Use & value renewable resources & services



Work with nature, not against it



Long OBSERVATION -4 season

“Ask questions to nature for your
promlems”

-Janine BENYUS



Catch & Store





From
patterns to
design



No Waste!



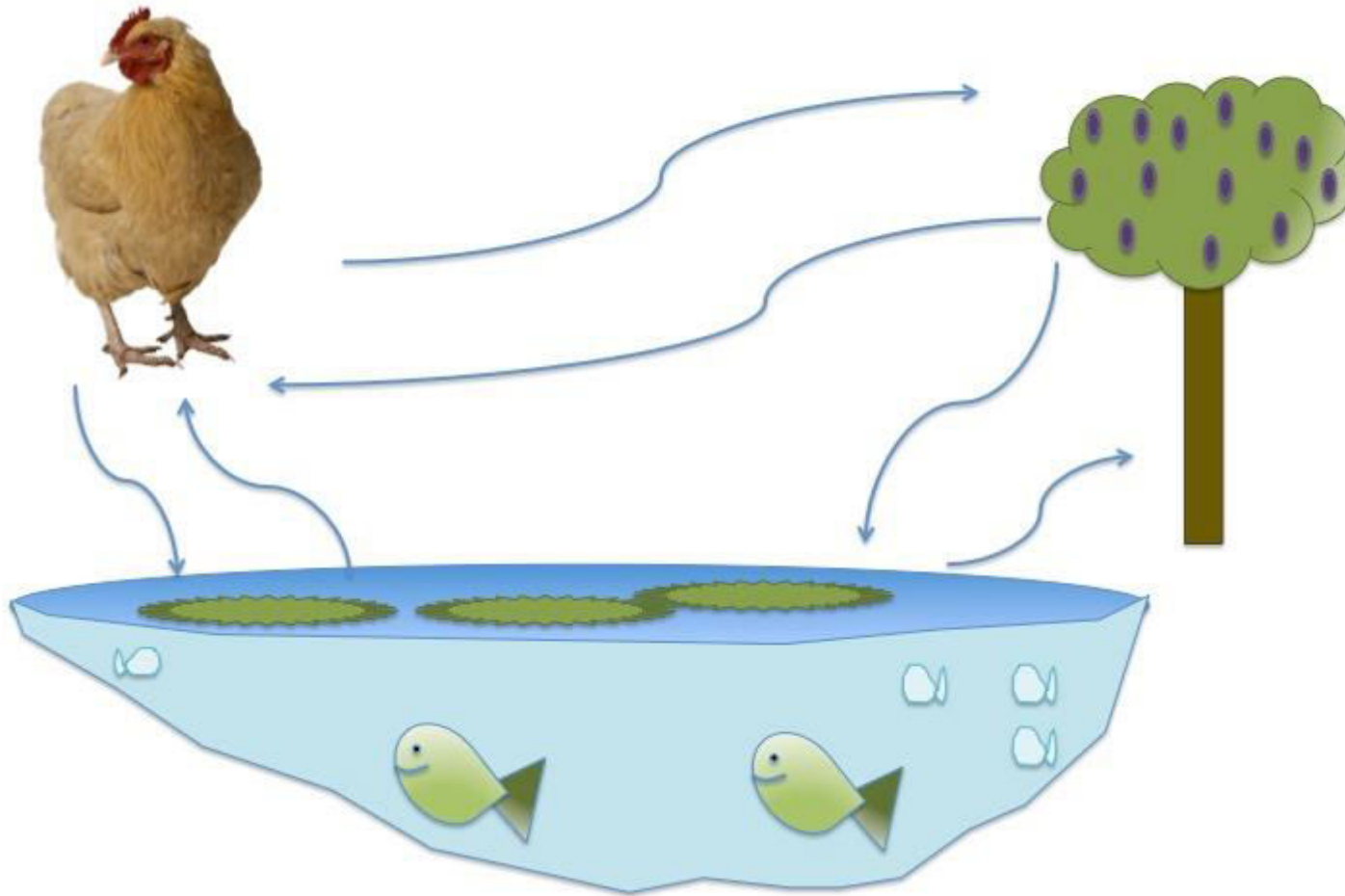
Obtain A Yield



Use Local Material



RELATIONSHIP & Multi functionality



Use renewable energy



Start Small then Expand



Succession in Time and Space



Edge Effect

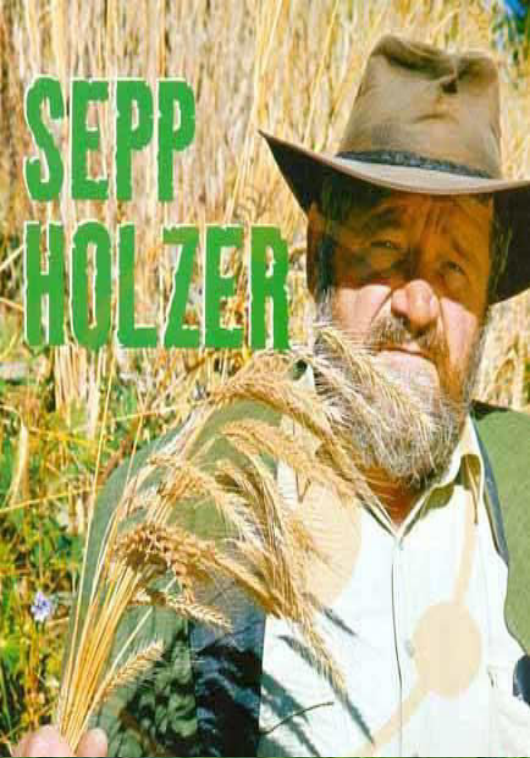


value of diversity



limit the work & more free time







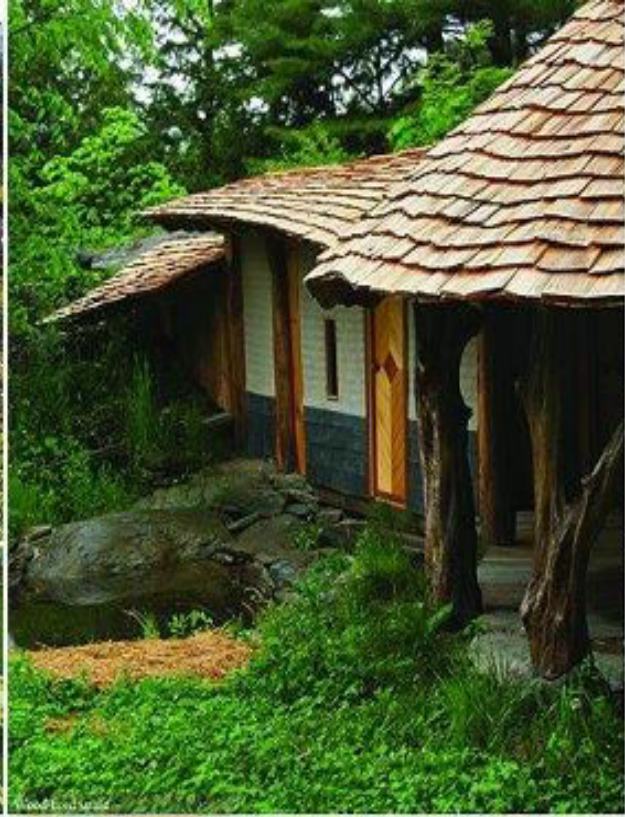
Catal Huyuk Town

Chinampas





Flow & return paths



Wooden house



Fish & swimming ponds



Our design built tradition



Harvest



Wooden house



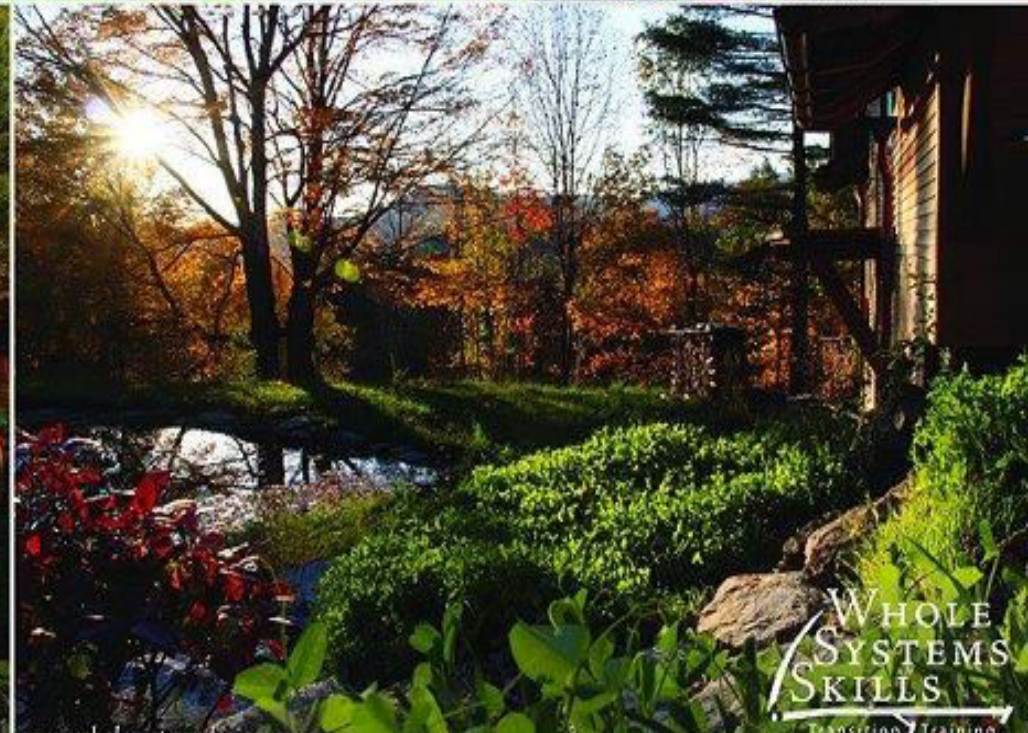
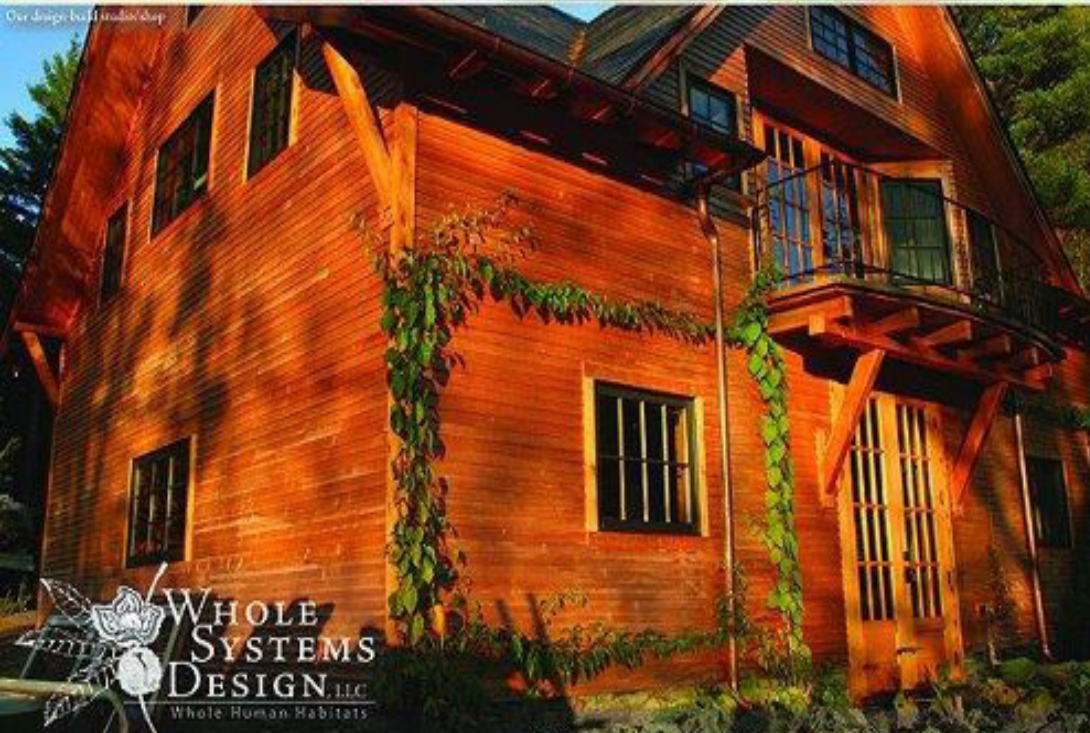
Goats



Strawberries



Strawberries



WHOLE SYSTEMS DESIGN, LLC
Whole Human Habitats

Land Architecture • Master Planning • Integrational Food Systems • Sustainable Design • Peak Performance

www.wholesystemsdesign.com

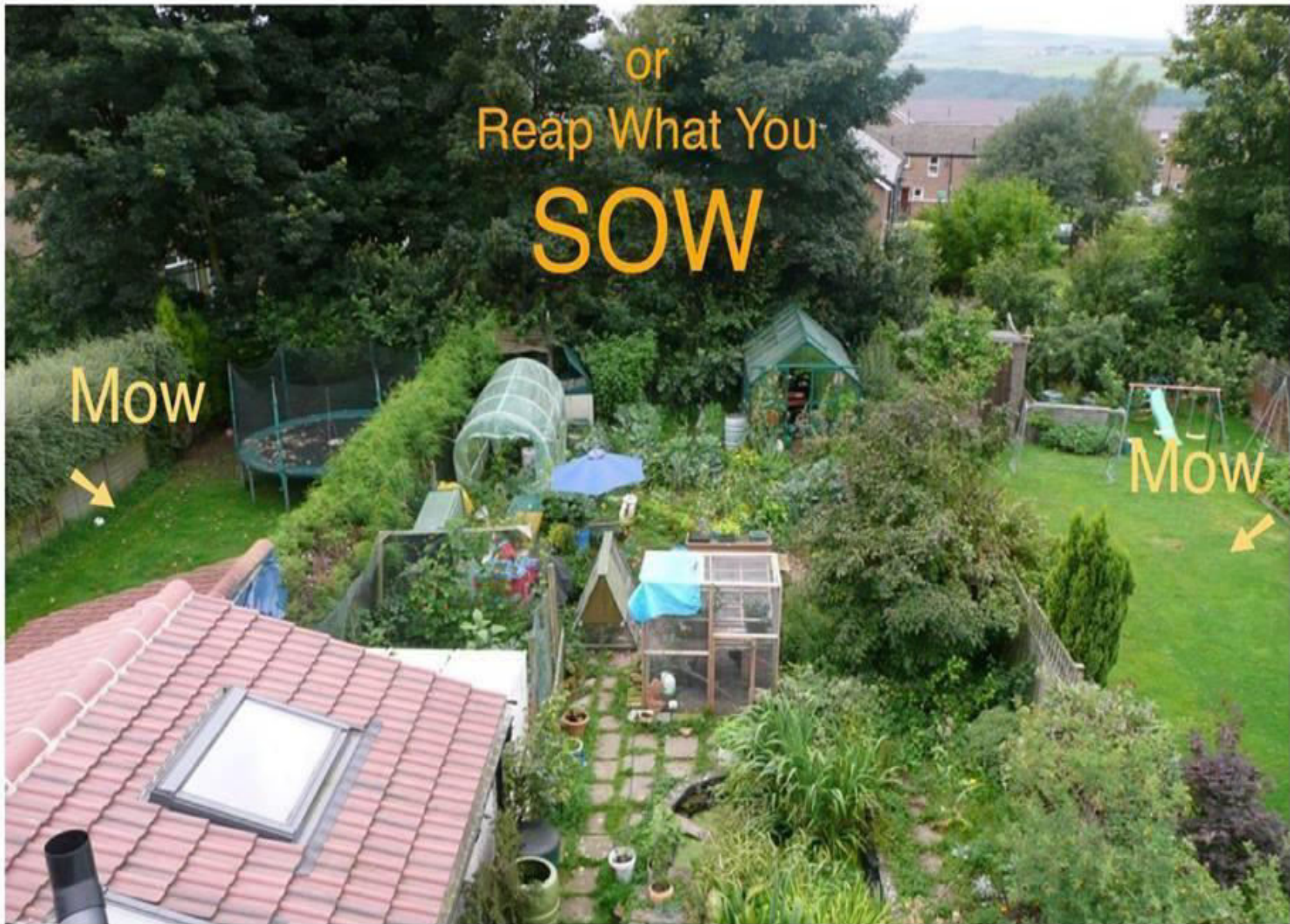
WHOLE SYSTEMS SKILLS
Transition Training

or
Reap What You
SOW

Mow

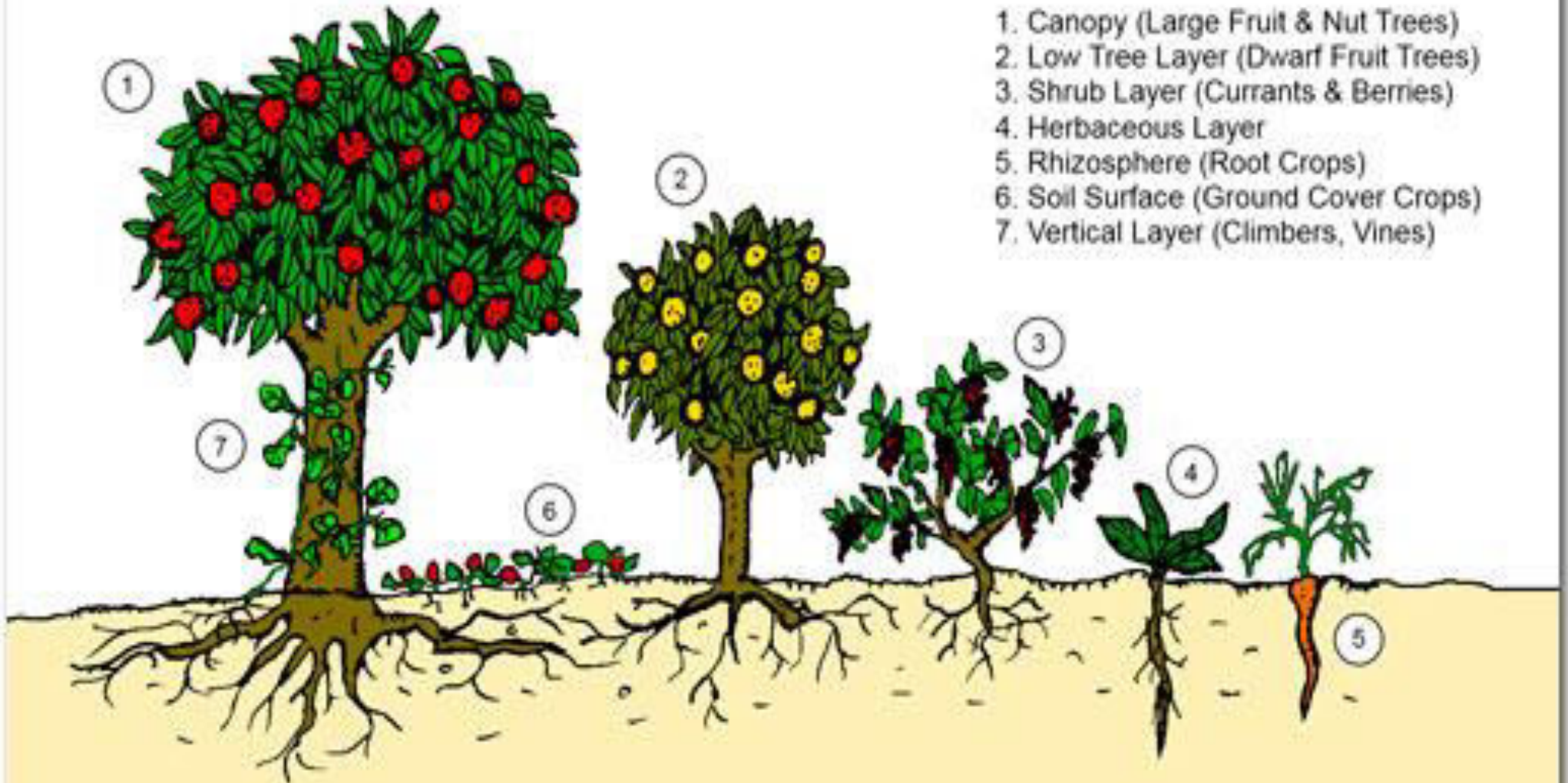


Mow



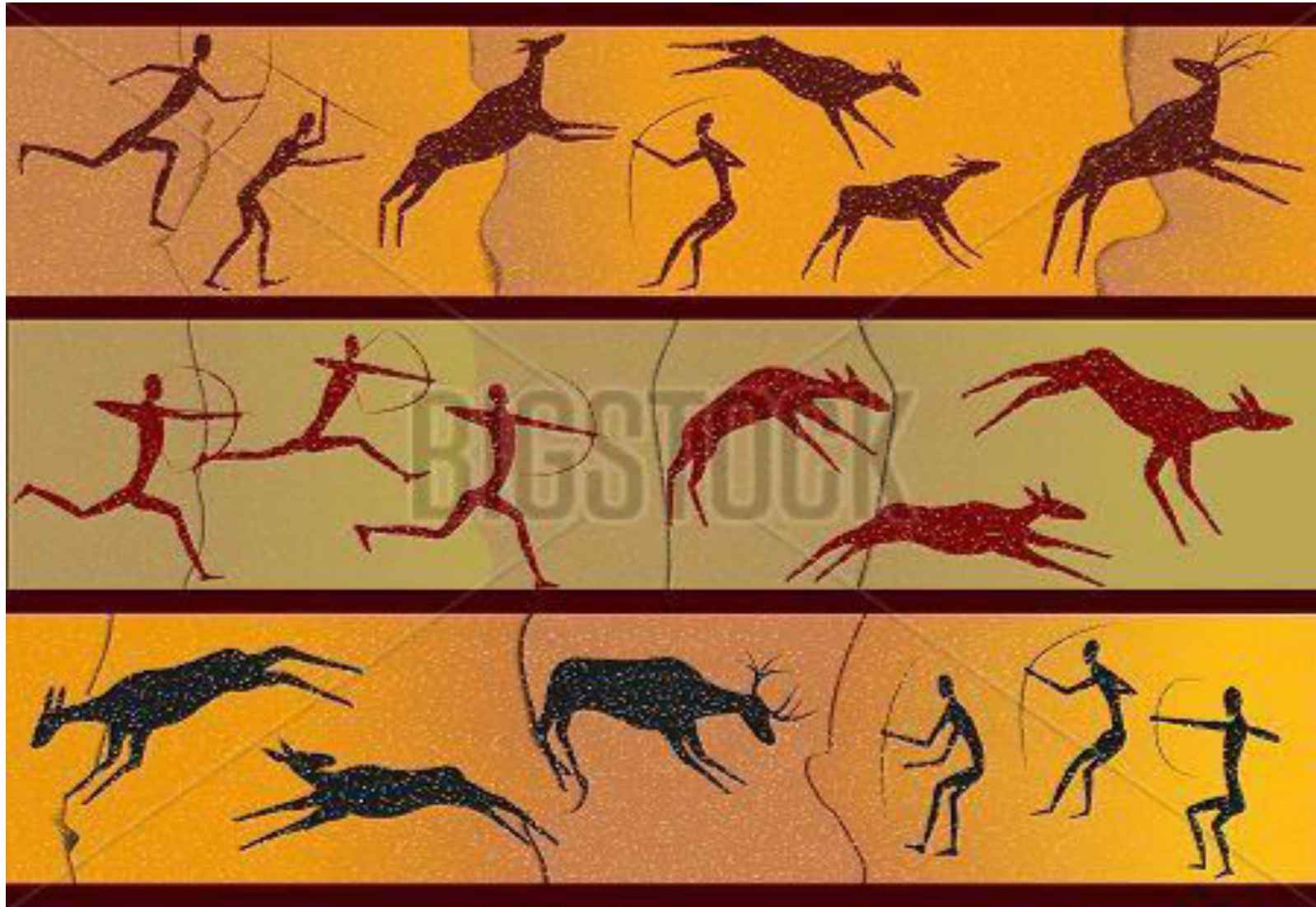
FOOD FOREST Concept

The Seven Layers of a Forest Garden



Hunter gatherers's calori:

- 64–68 % animal
- 32–36 % plant base



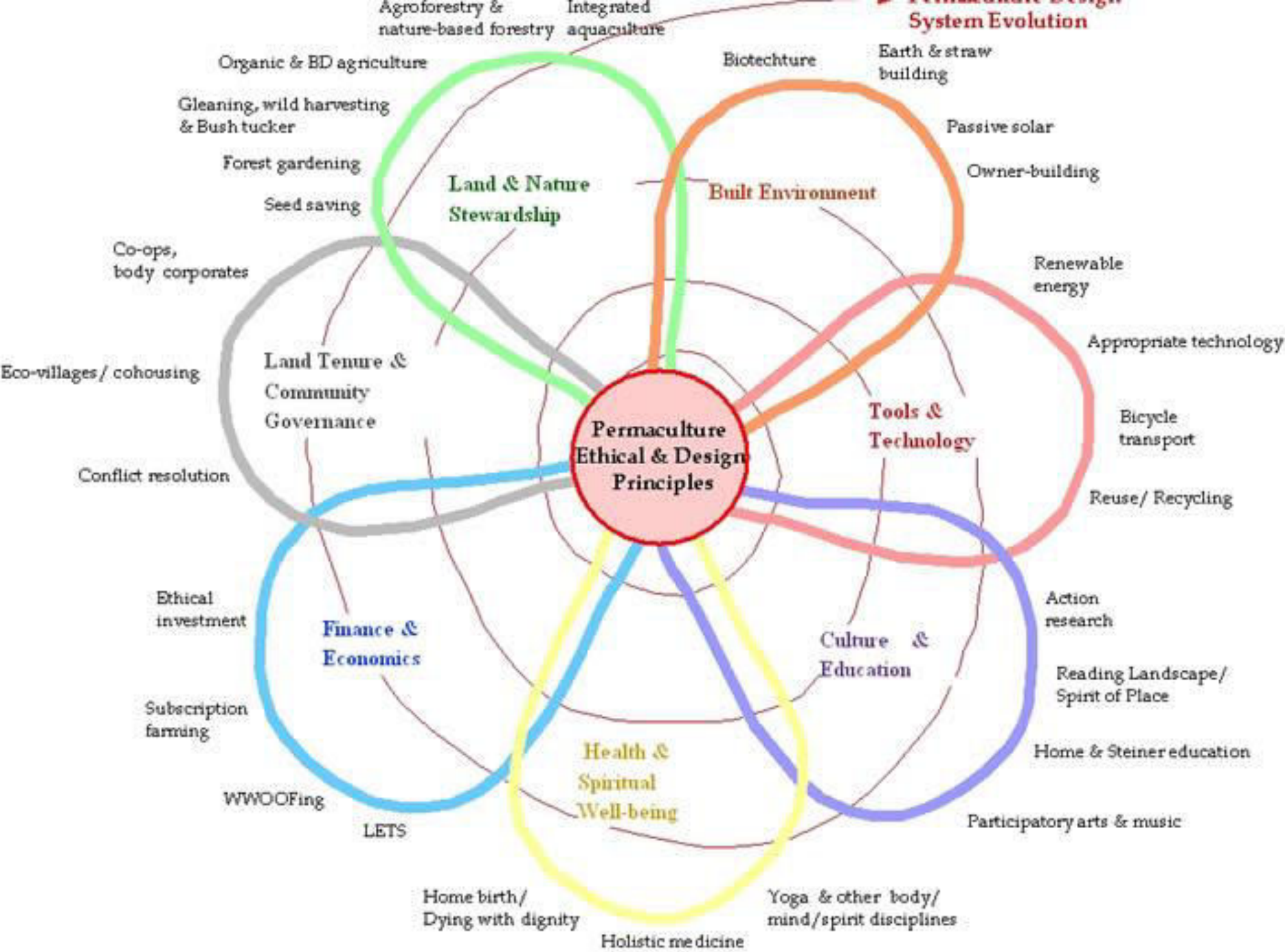
Etics of Permaculture

*Care for the earth

*Care for the people

* Limit the
population/Share the
surplus





SELF ORGANIZING COMMUNITIES



**You cannot buy the revolution.
You cannot make the revolution.
You can only be the revolution.
It is in your spirit, or it is nowhere.
- Ursula K. Le Guin**

