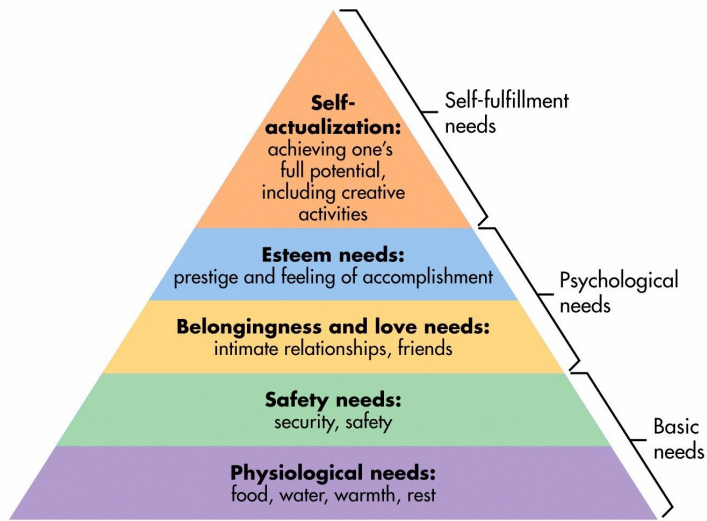


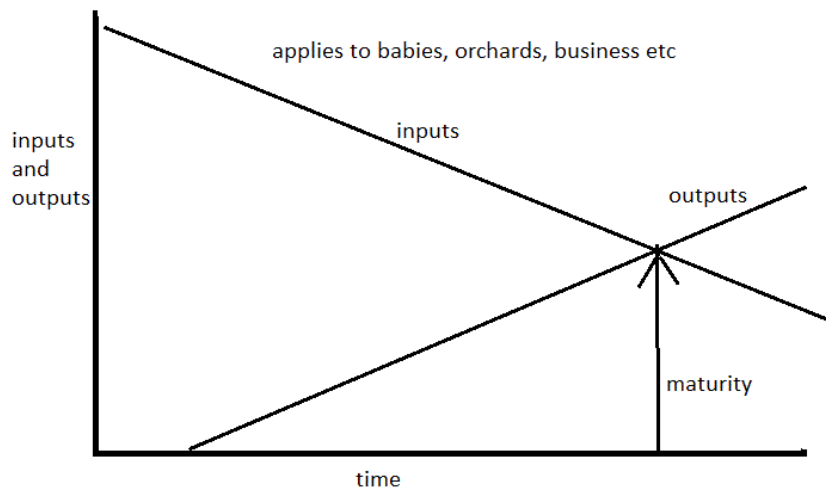
Integrate, don't segregate

"Many hands make light work"

Consider Maslow's hierarchy of needs



Ken Wilbur – hold objectives in mind (personal and social).
No. 1: invest in yourself, your needs.
A Ghanaian has 1/1000 the impact of someone in the US. Population of such people is no problem, the impact of the other 20% is.



from <https://www.cyon.se/#/alkebulan-1260-ah/>



Africa: pre-colonisation map

Permaculture Flower

The permaculture journey begins with the Ethics and Design Principles and moves through the key domains required to create a sustainable culture. The spiral evolutionary path joins together these domains, initially at a personal and local level, and then proceeding to the collective and global level. Some of the specific fields, design systems and solutions that have been associated with the wider view of permaculture are listed below.

Land & Nature Stewardship

Bio-intensive gardening	Holistic Rangeland Management
Forest gardening	Natural Sequence Farming
Seed saving	Agroforestry
Organic agriculture	Nature-based forestry
Biodynamics	Integrated aquaculture
Natural Farming	Wild harvesting & hunting
Keyline water harvesting	Cleaning

Building

Passive solar design	Earth sheltered construction
Natural construction materials	Natural disaster resistant construction
Water harvesting & Waste Reuse	Owner building
Biotechture	Pattern Language

Tools & Technology

Reuse & creative recycling	Bio-char from forest wastes
Hand Tools	Co-generation
Bicycles and electric bikes	Micro hydro & small scale wind
Efficient & low pollution wood stoves	Grid-tied renewable power generation
Fuels from organic wastes	Energy storage
Wood Gasification	Transition engineering

Education & Culture

Home Schooling	Social ecology
Wildlife education	Action Research
Participatory arts and music	Transition culture

Health & Spiritual Well-Being

Home birth & Breast feeding	Spirit of place, indigenous
Complementary & Wholistic Medicine	cultural revival
Yoga, Tai Chi & other body/mind/spirit disciplines	Dying with dignity

Finances & Economics

Local and regional currencies	WWDiFiing & similar networks
Carpooling, Ride sharing & Fair share	Tradable Energy Quotas
Ethical Investment & Fair Trade	Life Cycle Analysis & Emergy
Farmers markets & Community Supported Agriculture (CSA)	Accounting

Land Tenure & Community Governance

Cooperatives & Body Corporates	Open Space Technology &
Co-housing & Eco-villages	Consensus Decision Making
Native Title and traditional use rights	



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There are overlap areas, eg money and health.

It only works if you look after yourself.

[Silver Tent](#) is an online network, a community of over 50s females. Some are interested in co-housing; [Siobhan's asked Steve](#) for advice.

<https://www.facebook.com/siobhana.riordan>

The Permaculture Academy – starts with people.

What do you want? Rather than what I want, we want.

Then – dinnertime, the ultimate collaborate time.

Fire was civilising, a time to share food. Michael Pollan says we've outsourced cooking!

Food connects to land, further delaying gratification.

On to energy, buildings, money, surplus

Then communication, and draw in more people.

Resources on Sector 39: <http://www.sector39.co.uk/fq/>
<https://www.korewildfruitnursery.co.uk/> unusual plants for permaculture, based Lampeter.
Pointed at from <http://www.80bola.com.sector39.co.uk/clips.htm>
http://www.sector39.co.uk/yurt/yurt_notes.pdf
food fire energy land buildings money communication

Adversarial thinking: ⇒ ⇐

Parallel thinking: ⇒

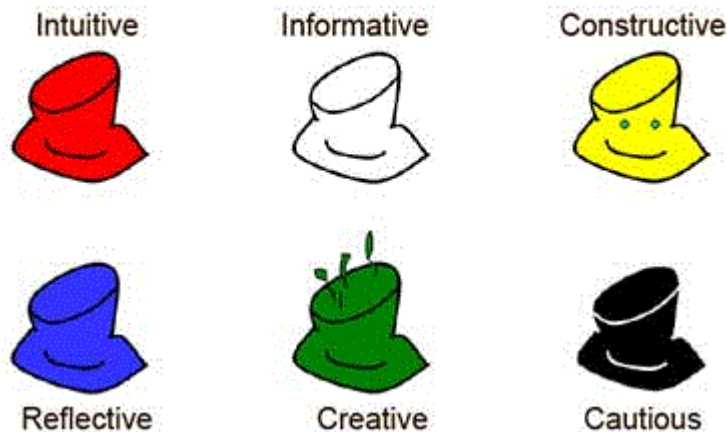
Consensus process: needs a facilitator who isn't connected, who hasn't a vested interest in the outcome.

He discusses with stakeholders and agrees a procedure. Either gets total agreement, or lets non-compliants drift off. The issues are broken into manageable chunks to be discussed in groups. They reach agreement. They then discuss how to resolve the issues by breaking the tasks into manageable chunks, again discussed in groups.

[Chicken Shack](#) is a housing coop in Tywyn ([facebook](#)), so is [Radical Roots](#), which is more of a network.

An ecological guild all the plants together are strong; it need all the components.

Six thinking hats



Full description at <http://www.designorate.com/the-six-hats-of-critical-thinking-and-how-to-use-them/>

White – information and research

Red – emotions, intuition

Black – possible problems, difficulties, risks, caution

Yellow – benefits, positives, values, can it work

Green – creative ideas

Blue – facilitate, which hats to use, summary, what next. Independent, removes ego.

Brainstorm – for ideas. Then each can have 10 votes.

www.catalystcollective.org

“In the last 17 years, catalyst collective has worked with over 200 housing co-operatives, about 75 worker co-ops, some charities, and a variety of different companies with co-operative aims.

Many successful social enterprises have been registered with the help of catalyst. Many people are now living without bosses or landlords, after setting up cooperatives to buy housing, or develop ethical businesses. Catalyst was set up specifically to help people create a cooperative life.”

This makes coops, including housing, more possible, and provides a rule set.

www.radicalroutes.org.uk

“Radical Routes is a network of radical co-ops whose members are committed to working for positive social change. The network is made up mainly of housing co-ops of various sizes (none with more than 17 members), a few workers co-ops and a couple of social centres.”

They announce vacancies.

To buy land? Maybe easier buying a big property.

Types of coop:

Worker coop retail coop (for the benefit of customers) housing coop
Chester Energy, and Manchester Carbon Coop.

A history of coops

Robert Owen, around 1800, owned New Lanark Cotton Mill. He refused to employ anyone younger than 10, he believed they should be in education. He didn't believe in religion, reckoning it removes the need to think. He gave employees allotments, as they'd formerly been in agriculture but had been displaced by the system. He influenced Karl Marx. He created a factory shop for his workers, so they wouldn't be milked by outsiders. It was a mutual shop, where profits would be returned to customers. He went to the US and tried to set up cooperatives there (see [New Harmony](#)), before returning to the UK.

https://en.wikipedia.org/wiki/Robert_Owen

The [Rochdale Pioneers](#) were skilled workers displaced by mechanisation, so they set up the cooperative society. They looked at existing coops, and drew up the best for their 7 principles:

1: membership should be open and voluntary, providing you abide by the rules

2: there should be democratic control by members, ideally by consensus

3: economic participation, whether you invested £1 or £1000, you get the same vote.

4: autonomy and independence, that cannot be given away

5: educate, train and inform, to members and others about the coop

6: cooperation with other cooperatives

7: concern for the community whilst focussing on member needs, work for the sustainable development of the community (it's in the interest of the coop!)

Principles in full - <http://www.catalystcollective.org/cms/co-op-principles>

CAT had difficulty as a coop.

Silver Tent Radio – see Silver Tent website.

[Dragons Cooperative](#). Steve bought the village shop, seeing as no-one else was going to do anything with it other than turn it into a holiday let. Not having had a steady income, his chances of a mortgage were none, so he built a business plan and went to the bank – they accepted. It's a legal entity as a business. It's managed by who lives there and pays rent, ie themselves. The shop is in the housing coop, it pays rent too. If you're raising money for a coop, you can get support from other coops. Steve sometimes lets a coop go. Dragons is on [facebook](#).

www.diggersanddreamers.org.uk