

Strategies for an Alternative nation

Chapter 14 of the Permaculture Designers
Manual





In Mollison's original designers manual is the chapter 14, "Strategies for an Alternative Nation" in which he looks are more political ideas and change from the bottom up.

- ▶ "We need to set about, in an orderly, sensible and co-operative way, a system of replacing power-centred politic and political hierarchies, with a far more flexible, practical and information centred system responsive to research and feedback and with long term goals of stability. And we need to do this is an ethical and none-threatening way, so that the transition to a co-operative (versus conflicting) global society is creative and not destructive" Bill Mollison

Bioregional
organization;
A journey beyond
command and
control



Creating a co-operative neighborhood

From 40 to 600 people
in size, to give
resilience and
diversity of talent,
accountability and
personal connection



Building a response

- ▶ Establish primary group, once three people involved move to establishing support groups for each key function
- ▶ 1-3 people responsible for each function
- ▶ Individuals can be active in more than one support group



Each support group is responsible for one of 9 named functions. Bioregional organisation



1: Food support



Food support - Planned resources

Nurseries and propagation	Inoculants, mycorrhiza, compost systems	Plant collections and botanical gardens, aquatics	Research into both horticulture and pastoral systems
Seed sources and exchanges	Native species reserves and nurseries	Demonstration farms and gardens, teaching and mentoring	Government resources
Voluntary agencies esp plant protection	Skills, botanists, horticulturalists	Contractors, consultants	Awareness of relevant local species for food medicine and resources

Animal Resources

Breeders, stud,
propagation centres

Species collections
including worms and
invertebrates

Fish breeders and
aquatic species

Useful native species
collections

Demonstration farms,
eg free range, bee
cultivation, workshops
and teaching

Government resources

Voluntary agencies

Skilled people

Contractors

Publications

Integrated Pest management

Promotion of
local predator
species

Safe biological
treatments,
traps, barriers

Information
resources on IPM

Pest
management on
stored grains
and seeds

References and
libraries

Checklist of
common pests

Processing and food preservation



Markets and outlets



Food production - support services

Testing of soils,
quality and
content

Biological analysis,
water, humus, pH

Water supply
services, dams and
catchment

Fences and trellis,
cattle grids and
gates

Natural fertilizers,
mulch materials,
soil amendments,
mineral dust

Farm machinery,
garden and
domestic tool
supply

Planning of land
services

Greenhouse or
shade house



2: Shelter and buildings

Shelter, buildings

**CONSTRUCTION
MATERIALS**

**ENERGY
SYSTEMS**

**WASTES AND
CYCLING**

Construction materials

Timber
growers and
suppliers

Community
controlled
plantations

Stone and
gravel, earth
materials

Plumbing
pipes
drainage

Bricks and
blocks

Tiles and
surfaces

Furniture
fittings

Tools and
sharpening

Glues and
bonds

Energy systems

- ▶ Appliances for efficiency and insulation, conservation
- ▶ Hot water/ solar system
- ▶ Space heating/ cooling appropriate for region
- ▶ Power generation
- ▶ Design and support for low energy housing
- ▶ Sources of information
- ▶ Reliable contractors and builders

Wastes, recycling



Sewage collection and management



grey water harvesting and treatment,
and use



Compost systems for organic wastes



Solid waste disposal, plastics and non-
recyclables

3: Livelihoods and support systems



Community finance and recycling



Livelihood support services



Essential trades, manufacturing services and skills

4. Information systems, media, communications

Regional radio

Facebook, social media

Regional newspapers and bulletin boards

Audio visual/ TV/ Video

Computer resources

Libraries and data collections for region

Bioregional groups

International connections

5: Community and security

House and livestock security

Fire volunteers and reports

Flood prevention and clean up

Rescue service

Communication systems

6: Social inclusion

Introduction and initiation

Think tanks

Expeditions and visits

Work group and work events

7: Health services

Preventative and common ailment treatment

Prevention of accident and injuries

Gynaecological and birthing support

Surgical and hospitalisation services

Profile of morbidity in the region - threats and patterns

8: Future trends and potential threats

Sea level rise

Energised weather systems,
climate change

Water pollution, use of biocides

Financial threats

Implications for policy makers

9: Transport

Draught animals

Active transport
promotion

Barges and
boats

Joint or group
delivery

Innovations,
local fuels, new
sorts of
transport

Routes, paths
bikeways

Vehicle sharing,
local taxi
services

Airships and
blimps

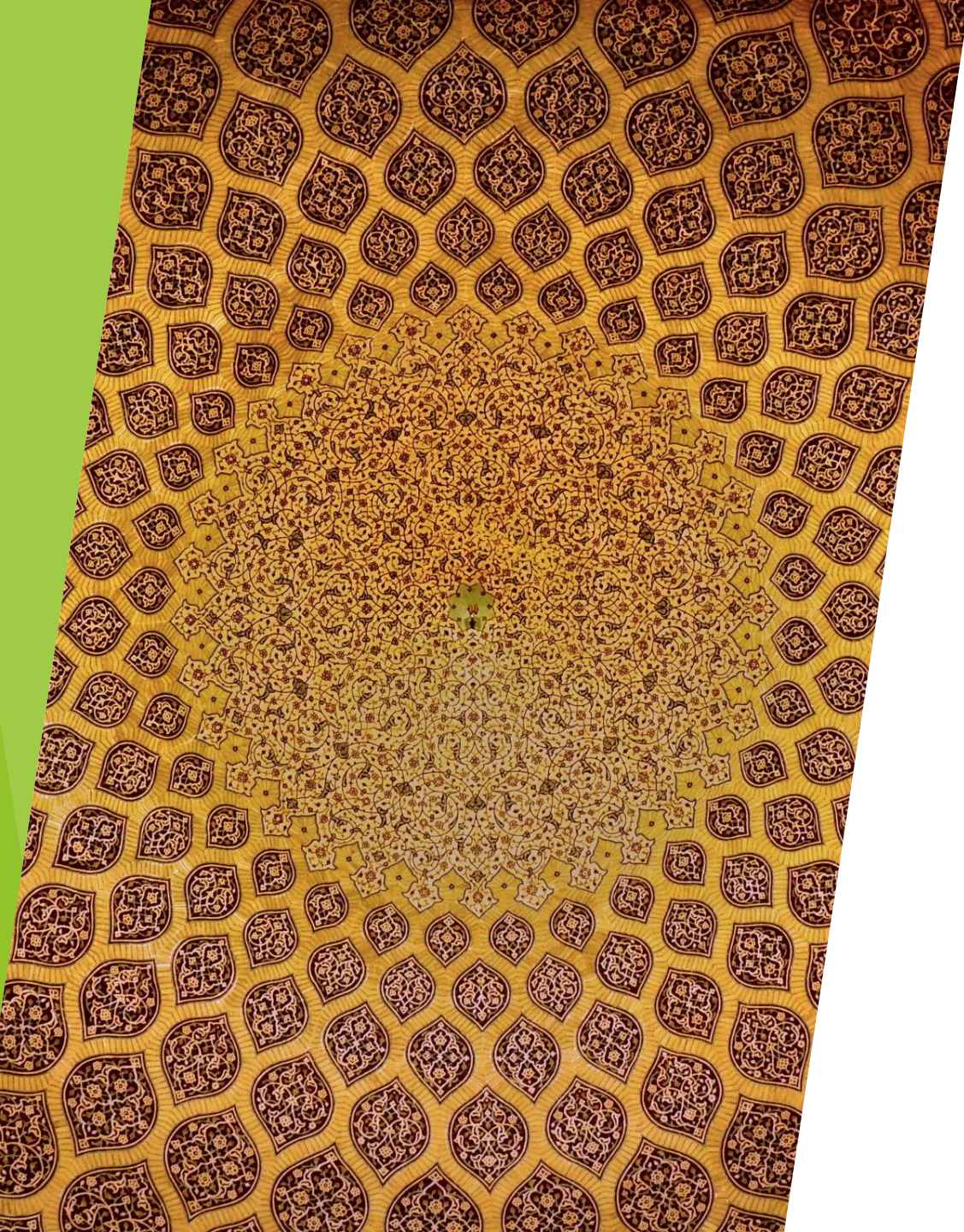
Emergency response phases

Prevention
phase

Preparedness
phase

Response
phase

Recovery
phase



From patterns to detail

How to approach design

Priorities

