Permaculture Design

Principles And Methods
A TYPICAL SMALL FARM.

Villages and farms may contain all the components for self-governance but unless these components are placed in harmonious relationships to each other time, energy and resources are wasted. In this figure unplanned and segregated systems all demand inputs.
Re-designed Small Farm
3. Non-Integrated System
arriving at design strategies starts on and around the

or the conditions for natural regeneration.

FIGURE 3.5
PLAN OF THE INTEGRATED SYSTEM IN FIGURE 3.3.
Industrial Methods of Producing an Egg

Note that nearly all processing is polluting and energy intensive.
Permaculture Method of Producing an Egg
Fermentation

Manure → Ferment → Biogas Digester (anaerobic) → Solids → Worm Box

Ferment → Alcohol

Biogas → Methane for cooking, heating, fuel for vehicles

Liquids → To field

Fermentation
Everything Gardens
Fig. 10.3 Site analysis and sector analysis of Rosie's Farm