

Contents

Acknowledgments	9
-----------------	---

How to use this book	10
----------------------	----

Part 1 Introduction

1. The Story of the Global Ecovillage Network	13
---	----

<i>Communists and communes</i>	13
--------------------------------	----

<i>Organic gardening and alternative technology</i>	14
---	----

<i>The Well People Group</i>	15
------------------------------	----

<i>The complete world of Kibbutz</i>	16
--------------------------------------	----

<i>The Global Ecovillage Network</i>	17
--------------------------------------	----

<i>Burnout and the negative activist</i>	22
--	----

<i>What is an Ecovillage?</i>	23
-------------------------------	----

<i>Ecovillage training centres</i>	32
------------------------------------	----

<i>On to Camphill</i>	36
-----------------------	----

☼ The Farm, Tennessee, USA	18–21
----------------------------	-------

☼ Ecotop, Germany	24–26
-------------------	-------

☼ Sunrise Farm, Australia	28–31
---------------------------	-------

☼ Camphill Solborg, Norway	33–35
----------------------------	-------

2. Patterns in Nature	38
-----------------------	----

<i>A very short history of the development of human consciousness</i>	38
---	----

<i>Mollison, Holmgren and Australian bush freaks</i>	44
--	----

<i>From homestead gardening to community economics</i>	45
--	----

<i>Deep ecology</i>	50
---------------------	----

<i>Reading nature's book</i>	51
------------------------------	----

<i>Some patterns from nature</i>	53
----------------------------------	----

<i>Reading meaning in the things around us</i>	55
--	----

☼ Earthaven, North Carolina, USA	40–43
----------------------------------	-------

☼ Kibbutz Lotan, Israel	46–48
-------------------------	-------

Part 2 Design

3. Modelling the Ecovillage: the Social Aspect	59
<i>The three-legged stool</i>	59
<i>Threefolding</i>	60
<i>Thinking machines</i>	61
<i>The spiral of improvement</i>	67
<i>Democracy or dictatorship?</i>	69
<i>The co-ordinating leader</i>	75
<i>Quality circles</i>	80
<i>Ecovillage auditing</i>	81
<i>Footprint analysis</i>	82
<i>Social ecology</i>	83
<i>Conflict resolution</i>	89
☼ Findhorn, Scotland	62-65
☼ Zegg, Germany	70-73
☼ Clil Ecovillage, Israel	76-79
☼ Old Bassaia, Egypt	84-87
☼ Bhole Baba, Italy	90-93
4. House Design and Building Techniques	97
<i>Spiritual aspects</i>	97
<i>Feng Shui</i>	98
<i>Siting and zoning</i>	99
<i>Materials</i>	106
<i>Design</i>	119
<i>Water and sewage</i>	122
<i>Energy and heating</i>	123
<i>Social aspects</i>	124
☼ Twin Oaks, Virginia, USA	102-105
☼ Wilhelmina, Holland	108-109
5. Agriculture: Soil, Plants, Gardening and Farming	126
<i>Community food production, the Cartwheel model</i>	126
<i>From PC to biodynamic to organic to chemical farming</i>	128
<i>Agriculture as power: advice to growers and consumers</i>	136
<i>Structure and behaviour of soil</i>	143
<i>Plants and their spirits</i>	150
<i>Mulch gardening</i>	157
<i>Small scale vegetable planning</i>	152

☼ Upacchi, Italy	132-135
☼ Kimberton Hills Camphill, Pennsylvania, USA	140-142
☼ Kibbutz Ketura, Israel	146-149
 6. Water and Sewage	 155
<i>The planet water</i>	155
<i>Our crimes against water</i>	161
<i>Biological sewage systems</i>	164
<i>Living Machines</i>	167
<i>Thomas Crapper's terrible legacy</i>	168
<i>Flowforms</i>	171
<i>Water as intelligence</i>	173
 ☼ Terre d'Enaille, Belgium	 156-158
 7. Energy Sources and Alternative Technology	 176
<i>Wasting our fossil fuel reserves</i>	176
<i>The nuclear waste legacy</i>	177
<i>Falling water</i>	184
<i>Wind generators</i>	186
<i>Solar power</i>	189
<i>Bio energy</i>	191
<i>Unconventional sources</i>	195
 ☼ Kibbutz Samar, Israel	 178-181
 8. Alternative Economics	 200
<i>What is money and what is it for?</i>	200
<i>World economics, the gold standard and porridge oats</i>	204
<i>Shareholder protectionism and instability</i>	205
<i>Indicators of sustainable economic welfare</i>	206
<i>LETS and other self-generated systems</i>	211
<i>Local capital, business and income creation</i>	216
<i>Community Supported Agriculture</i>	222
 ☼ Lebensgarten, Germany	 208-210
☼ New Bassaisa, Egypt	212-214
☼ Harman Centre, Turkey	218-221

Part 3. Putting it all together

9. Design Hands-On	229
<i>Creativity</i>	229
<i>Group dynamics</i>	231
<i>Design process, step by step</i>	236
<i>Site assessment</i>	237
<i>Report writing</i>	246
<i>Project presentation</i>	247
<i>Looking to the future</i>	248
☉ La Paix-Dieu, Belgium	232-233
☉ Camphill Botton, England	238-240
☉ Woodcrest Bruderhof, New York, USA	242-245
<i>Appendices</i>	249
<i>Garden Plan</i>	251
<i>Garden Schedule</i>	253
<i>Compost Ingredients</i>	255
<i>Site Assessment Check List</i>	257
<i>Book List</i>	259
<i>Periodicals</i>	275
<i>Organizations</i>	277
<i>Index</i>	281