

VEGETARIAN ARCHITECTURE

CASE STUDIES ON BUILDING AND NATURE

andrea
bocco
guarneri

jovis

Contents

Vegetarian architecture: a theoretical proposal	6
Case studies on building and nature	36
tradition	
1 Captive vernacular: Hirose House at Nihon Minka-en	36
2 Wild vernacular: Cheia	48
3 Straw-based retrofit: Casa Steila Mar	66
4 Earth-based retrofit: Sandberghof	76
experimentation	
5 Radical vegetarianism: Villa Strohbusch at Sieben Linden	90
6 Massive structures: Createrra and Gartist	102
7 Framed structure: Bamboo Ark	122
8 Passive performance: Biestøa	136
connection	
9 Food economy system: Kamiyama Food Hub	152
10 Soil and earth: Wangelinert Garten	168
11 Education and inspiration: WISE at CAT	184
12 Reconciliation: Maruyama-gumi	202
Quantitative comparisons and overall discussion	220
References	231
Picture credits	237
Acknowledgements	240