

# Contents

|   |     |  |     |
|---|-----|--|-----|
| <i>Acknowledgements</i>                     | vi  | 4.2 Dunga Daycare .....                      | 106 |
| <i>Figure Credits</i>                       | vii | 4.3 Common Ground Neighborhood .....         | 112 |
| Introduction: Building from Tradition ..... | 1   | 4.4 Women's Opportunity Center .....         | 117 |
| <b>Part I: Material Fundamentals</b>        |     | 4.5 Esperanza Series .....                   | 122 |
| 1 <i>Geologic Materials</i> .....           | 7   | 4.6 Ma'anqiao Village Reconstruction .....   | 127 |
| Earth .....                                 | 8   | 5 <i>Materials and Place</i> .....           | 133 |
| Stone .....                                 | 16  | 5.1 Tåkern Visitor Center .....              | 136 |
| 2 <i>Plant Materials</i> .....              | 27  | 5.2 Al Jahili Fort .....                     | 142 |
| Reeds and Grasses .....                     | 28  | 5.3 Jianamani Visitor Center .....           | 147 |
| Wood .....                                  | 35  | 5.4 Bry-sur-Marne Social Housing .....       | 153 |
| Bamboo .....                                | 44  | 5.5 Wind and Water Bar .....                 | 159 |
| <b>Part II: Material Strategies</b>         |     | 5.6 Haus am Moor .....                       | 164 |
| 3 <i>Bespoke to Standardized</i> .....      | 59  | 6 <i>Primitive to Performative</i> .....     | 171 |
| 3.1 Onjuku Beach House .....                | 63  | 6.1 Kargyak Learning Center .....            | 174 |
| 3.2 Hostal Ritoque .....                    | 69  | 6.2 Pani Community Center .....              | 179 |
| 3.3 Niamey 2000 .....                       | 75  | 6.3 Haus Rauch .....                         | 186 |
| 3.4 Base Affordable Housing .....           | 81  | 6.4 Aknaibich Preschool .....                | 191 |
| 3.5 ModCell Straw Technology .....          | 86  | 6.5 Blooming Bamboo Home .....               | 197 |
| 3.6 Ricola Kräuterzentrum .....             | 91  | 6.6 Thread Artist Residency and .....        | 203 |
| 4 <i>Local Engagement</i> .....             | 97  | Cultural Center                              |     |
| 4.1 Opera Village and Center for .....      | 100 | 7 <i>Reflections and Looking Ahead</i> ..... | 211 |
| Health Care and Social Promotion            |     | <i>Index</i> .....                           | 221 |