
Contents

Introduction	xi
Nicolas DOUAY and Michael MINJA	
Chapter 1. Rotterdam Resilience Strategy, Rotterdam	1
Munir KHADER	
1.1. Introduction.	1
1.2. Context and background	1
1.3. Rotterdam Resilience Strategy – Ready for the 21st Century	3
1.3.1. Methodology	3
1.3.2. Rotterdam Resilience Strategy – Goals, stakeholders.	5
1.3.3. Concrete resilient initiatives and programs.	7
1.4. Conclusion	16
1.4. References	17
Chapter 2. Sustainable Florianópolis Action Plan, Santa Catarina	19
Flavia HOLLERWEGER	
2.1. Introduction.	19
2.2. Context: Florianópolis’ background	20
2.3. The Sustainable Florianópolis Plan of Action	22
2.3.1. A comprehensive analysis of the city	22
2.3.2. Methodology	23
2.3.3. Goals and actions	24
2.4. Analysis – Discussion.	29
2.5. Conclusion	31
2.6. References	32

Chapter 3. “Recife 500 Anos” Plan, Recife	33
Maria Carolina ARRUDA	
3.1. Introduction.	33
3.2. Strategy, transition and innovation in a contrasting urban scenario	33
3.2.1. Recife: Brazil’s “capital of inequalities”	34
3.2.2. From an economic-oriented urbanism to a participatory strategic plan	36
3.3. The plan	37
3.3.1. A multi-institutional board	38
3.3.2. Research, public consultation and comparative analysis	39
3.3.3. Crossing strategies for integrated results	40
3.4. Critical analysis of the plan construction	43
3.5. Conclusion	45
3.6. References	46
Chapter 4. Greenest City 2020, Vancouver	47
Hala RAHOUI	
4.1. Introduction.	47
4.2. Context	48
4.3. Greenest City 2020 Action Plan – targets and goals	52
4.3.1. GCAP goals	53
4.3.2. Implementation updates	63
4.4. Why is the GCAP an innovative urban strategy?	65
4.5. Criticisms	65
4.6. Conclusion	66
4.7. References	66
Chapter 5. The Grandeur Nature Plan, Eurométropole of Strasbourg	69
Luc VOELKEL	
5.1. Introduction.	69
5.2. The Grandeur nature plan of the Eurométropole of Strasbourg	70
5.2.1. The stakeholders involved in the implementation of the plan	70
5.3. The content of the plan	73
5.4. The role of the Grandeur nature program	80
5.5. Conclusion	83
5.6. References	84

Chapter 6. The Car-free Livability Programme, Oslo	87
Michael MINJA	
6.1. Introduction.	87
6.2. Background: the Car-free Livability Programme of Oslo	88
6.3. The role of the Car-free Livability Programme and specific developments brought by it	91
6.3.1. Advocating city life at the expense of parking space	91
6.3.2. Exploratory urban development projects	92
6.3.3. New pedestrian streets and pedestrian-friendly urban spaces	93
6.3.4. The city center planning model for the future streets	95
6.4. Car-free city centers are not utopian models anymore.	96
6.5. Conclusion	99
6.6. References	100
Chapter 7. A Carbon-free City, Uppsala	103
Bérénice JOURNET	
7.1. Introduction.	103
7.2. Context	104
7.3. The environmental program of Uppsala's municipality	107
7.3.1. Ambitions	107
7.3.2. Mobility	108
7.3.3. Green spaces as social areas	112
7.3.4. Fossil fuel free.	114
7.4. An ambitious and inclusive environmental program: between ambitions and social realities.	116
7.5. Conclusion	118
7.6. References	119
Chapter 8. The Bicycle Strategy 2011–2025, Copenhagen	121
Esraa ELESAWY	
8.1. Introduction.	121
8.2. Context	122
8.3. The bicycle city plan: making the city more livable by promoting cycling.	124
8.3.1. SAFE from A to B	126
8.3.2. QUICK from A to B by 2025.	127
8.3.3. COMFORT from A to B by 2025	129
8.3.4. CITY LIFE from A to B by 2025	131

8.4. BEST Copenhagen by 2025, BUT!	132
8.5. Conclusion	135
8.6. References	136
Chapter 9. Smart and Digital City Action Plan, Montreal	139
Daniel Carl NUNOO	
9.1. Introduction.	139
9.2. Context of Montreal.	140
9.3. Montreal’s smart and digital city action plan	142
9.3.1. Overview of strategy	142
9.3.2. Objectives and aims of the strategy	143
9.3.3. Implementation of the Montreal smart and digital city action plan	143
9.3.4. Results of the Montreal smart and digital city action plan in today’s context.	147
9.4. Analysis – discussion	149
9.5. Conclusion	151
9.6. References	151
Chapter 10. A Smart City Masterplan, Kigali.	153
Haley BURNS	
10.1. Introduction	153
10.2. Kigali background	154
10.3. Content of the plan.	158
10.4. Analysis: Kigali for sale?	162
10.5. Conclusion	167
10.6. References.	167
Chapter 11. The Array of Things, Chicago	171
Leonardo RICAURTE	
11.1. Introduction	171
11.2. The Array of Things, city of Chicago.	172
11.3. The project’s strategy	172
11.3.1. Development and implementation of the project.	172
11.3.2. Stakeholders	173
11.3.3. The technology behind	175
11.3.4. Further possibilities	177
11.4. A new way of perceiving the city	178
11.5. Conclusion	180
11.6. References.	180

Chapter 12. 22@Barcelona Project, Barcelona	183
Jassmin ALI	
12.1. Introduction	183
12.2. 22@Barcelona project case study	183
12.3. Content of the plan.	185
12.3.1. Stakeholders	185
12.3.2. Content of the plan	187
12.4. Analysis: A transformed Poblenou	189
12.5. Conclusion	192
12.6. References.	193
List of Authors	195
Index	197