

Sustainable Urban Mobility and Public Transport in UNECE Capitals



Contents

Executive Summary	XIII
CHAPTER 1: Sustainable urban mobility and public transport development	1
1.1. Introduction	2
1.2. Objectives and challenges of urban transport and mobility	2
1.3. Demand for urban transport and quality of service	4
1.4. Urban transport and traffic congestion	7
1.5. Urban transport and road safety	10
1.6. Urban transport and environmental pollution including climate change	13
1.7. Cycling and walking: the “facilitators” of co-modality and well-being	16
Chapter 2: Urban Mobility and Public Transport situation in UNECE capitals	19
2.1. Introduction	20
2.2.2. Demand for urban transport and mobility in UNECE capitals	27
2.3. Urban public transport accessibility, comfort and urban traffic congestion	34
2.3.1. Urban public transport accessibility	34
2.3.2. Urban public transport comfort	42
2.3.2. Urban traffic congestion	45
2.4. Urban transport and road safety	48
2.5. Urban transport and environmental pollution including climate change	54
2.6. Cycling and walking in capital cities	58
2.7. Urban transport and financing	60
2.7.1. Affordability of public transport	60
2.7.2. Public transport profitability	65
2.7.3. Financing urban public transport and Economic growth	70
Chapter 3: Profiles of capital cities	83
3.1. Introduction	84
3.2. Profiles	85
Yerevan	85
Vienna	86
Baku	87
Minsk	88
Brussels	89
Sofia	90
Ottawa	91
Zagreb	92
Nicosia	93
Prague	94
Tallinn	95
Paris	96
Tbilisi	97
Berlin	98

Athens	99
Budapest.....	100
Reykjavik.....	101
Dublin.....	102
Rome.....	103
Astana.....	104
Riga.....	105
Vilnius.....	106
Chisinau.....	107
Oslo.....	108
Warsaw.....	109
Bucharest.....	110
Moscow.....	111
Belgrade.....	112
Bratislava.....	113
Ljubljana.....	114
Bern.....	115
Ankara.....	116
London.....	117
Chapter 4: Conclusions and recommendations.....	119
4.1. Conclusions	120
4.2. Recommendations	122
Quality and safety of public transport:.....	122
Traffic congestions and pollution:.....	123
Cycling and walking.....	124
Affordability of urban transfers.....	124