

Contents

1	Introduction: The Transforming Landscape of Urban Mobility	1
	Fabio Antonialli and Sylvie Mira-Bonnardel	
Part I Foundations and Frameworks for Flexible Mobility 7		
2	Evolution and Trends of Demand-Responsive Transport (DRT) and Autonomous Mobility on Demand (AMOD)	9
	Albert Borreguero and Cristina Juárez	
3	European Public Policies Towards Demand-Responsive Transport (DRT) and Automated Mobility on Demand (AMOD)	33
	Leonor Madureira	
4	Fleet Sizing Models for Demand-Responsive Transport: A Simplified Approach for Practical Implementation	51
	Alexandre Lefort	
5	Economic Evaluation of On-Demand Transport Services: Tools and Strategies for Financial Sustainability	73
	Fabio Antonialli and Sylvie Mira-Bonnardel	
6	Cybersecurity Issues of Autonomous Mobility on Demand: A Legal Perspective	95
	Axelle David	
Part II Implementation and Case Studies 119		
7	Innovations in Public Transport in Peri-Urban Areas: The Case of Brescia, Italy	121
	Simone Cattabeni and Daniele Verga	

8	Assessment of DRT Services in Peri-Urban Areas—The Case of Postojna, Slovenia	149
	Blaž Vukelić and Denis Kresevič	
9	Investigating and Financing DRT and AMOD as a Service for People with Physical Impairments: A Use Case in Palaio Faliro, Greece	167
	Konstantinos Chardavellas	
10	Demand Responsive Transport in the Lisbon Metropolitan Area ...	189
	Camila Garcia and Zenaid Santos	
11	Autonomous Mobility-on-Demand in China	213
	Xiaoyan Zhang	
12	On-Demand Mobility Transitions in the Global South	241
	Juliano Pelegrina, Adriana Marotti de Mello, João Valsecchi Ribeiro de Souza, and Roberto Marx	
13	Conclusion: Toward Integrated, Responsive Mobility Ecosystems	257
	Fabio Antonialli and Sylvie Mira-Bonnardel	