1. Record Nr. UNINA9910787711903321 Autore Kowalski Daniel **Titolo** The integration of driverless vehicles in commercial carsharing schemes in germany: a prefeasibility study / / Daniel Kowalski Pubbl/distr/stampa Hamburg, Germany:,: Anchor Academic Publishing,, 2014 ©2014 3-95489-629-X **ISBN** Descrizione fisica 1 online resource (127 p.) Disciplina 629,2293 Soggetti Electric vehicles - Power supply Car pools - Testing Car pools - Mathematical models Lingua di pubblicazione Inglese **Formato** Materiale a stampa Monografia Livello bibliografico Note generali Description based upon print version of record. Includes bibliographical references. Nota di bibliografia Nota di contenuto The Integration of Driverless Vehicles in Commercial Carsharing Schemes in Germany: Abstract; Acknowledgements; Table of Contents: List of Tables; List of Figures; Abbreviations; Introducon; 0.1 Overview; 0.2 Definitions; 0.3 Structure of the Study; 0.4 Rationale; 0.5 Case Study: Germany: 0.6 Aim and Objectives: 0.7 Methodology: 0.8 Limitations; Part 1: Carsharing; 1.1 Introduction; 1.2 Background; 1.3 Social and Business Change regarding Mobility; 1.4 Carsharing as a Response to Social Change; 1.5 Limitations of Carsharing; Part 2: Driverless Vehicles: 2.1 Introduction: 2.2 Background 2.3 Social Issue Traffic Accidents 2.4 Automation in Passenger Vehicles as a Response to Traffic Accidents; 2.5 Fully-Automated Vehicles; Part 3: Prefeasibility Study; 3.1 Introduction; 3.2 The Concept; 3.3 Micro-Environmental Analysis: SWOT; 3.4 Macro-Environmental Analysis: STEPLED; Conclusion; Recommendations; Bibliography Sommario/riassunto With an increasing world population and a steadily rising share of people living in urban areas, traffic density is on the rise, and has become a major issue of urban agglomerations all over the world. These trends are accompanied by the process of the motorization of

the individual - with negative effects on both, the society and the individual. While millions of people get injured and die in traffic

accidents each year, congestion causes mental stress and economic inefficiencies. Different solutions seek to tackle the problem like strengthening of public transport or encouraging residents to