Record Nr. UNINA9910502977503321 Mitteregger Mathias Autore Titolo AVENUE21. Connected and Automated Driving / / Mathias Mitteregger [et al.] Berlin, Heidelberg, : Springer Berlin / Heidelberg, 2021 Pubbl/distr/stampa **ISBN** 3-662-64140-2 Descrizione fisica 1 online resource xiv, 179 pages: illustrations (some color) Altri autori (Persone) BruckEmilia M SoteropoulosAggelos SticklerAndrea BergerMartin DangschatJens ScheuvensRudolf Banerjeelan Soggetti Automated vehicles Automated vehicles - Europe Intelligent transportation systems Intelligent transportation systems - Europe Transportation - Automation Urban transportation - Planning Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record.

Nota di contenuto Connected and automated transport Approach and key areas of focus

Status guo Connected and automated transport in the Long Level 4 Shaping change at the local level during the transition period Action

plans Research team Bibliography

Sommario/riassunto "This open access publication examines the impact of connected and

> automated vehicles on the European city and the conditions that can enable this technology to make a positive contribution to urban development. The authors argue for two theses that have thus far received little attention in scientific discourse: as connected and automated vehicles will not be ready for use in all parts of the city for a long time, previously assumed effects - from traffic safety to traffic

performance as well as spatial effects - will need to be re-evaluated. To ensure this technology has a positive impact on the mobility of the future, transport and settlement policy regulations must be adapted and further developed. Established territorial, institutional and organizational boundaries must be investigated and challenged quickly. Despite - or, indeed, because of - the many uncertainties, we find ourselves at the beginning of a new design phase, not only in terms of technology development, but also regarding politics, urban planning, administration and civil society."-- Provided by publisher