1. Record Nr. UNINA9910483353503321 Autore Helbing Dirk Titolo Next civilization: digital democracy and socio-ecological finance - how to avoid dystopia and upgrade society by digital means / / Dirk Helbing Cham, Switzerland: ,: Springer, , [2021] Pubbl/distr/stampa ©2021 **ISBN** 3-030-62330-0 Edizione [Second edition.] Descrizione fisica 1 online resource (XXIV, 325 p. 43 illus., 40 illus. in color.) Disciplina 303.483 Soggetti Automation - Social aspects Technological innovations - Social aspects Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Preface -- The Digital Society -- Complexity Time Bomb -- Social Forces -- Google as God -- Genie out of the Bottle -- Digitallyassisted Self-organization -- How Society works -- Networked Minds -- Economy 4.0 -- The Self-organizing Society -- Digital Democracy and Democratic Capitalism -- The Future of Human Society. "Digital transformation" sounds harmless, given that the explosion in Sommario/riassunto data volumes, processing power and Artificial Intelligence has driven humanity and the entire world to a point of no return. We will surely see a new civilization, but we are at a crossroads. The future needs to be re-invented, decisions must be taken. After the automation of factories and the creation of self-driving cars, the automation of society is on its way. But there are two kinds of automation: a centralized top-down control of the world and a distributed control approach, supporting local self-organization. Using the power of today' s information systems, governments and big tech companies seem to engage in the first approach. Might they even build a "digital Crystal Ball" that knows almost everything, including your personality, and a super-intelligent "digital God" to control what we do? We are much

> closer to such "science fiction scenarios" than you probably think. In this much expanded second edition of "The Automation of Society is Next: How to Survive the Digital Revolution" (2015), the author discusses lessons learned on digital democracy, aspects of

transhumanism and far-reaching thoughts about life in the digital age and what it may mean to be human in the future.