Record Nr. UNINA9910828594703321 Titolo The governance of large technical systems / / edited by Olivier Coutard London: New York, : Routledge, 1999 Pubbl/distr/stampa **ISBN** 1-134-64494-9 1-134-64495-7 1-280-33450-9 0-203-01689-0 0-203-15901-2 Edizione [1st ed.] Descrizione fisica 1 online resource (320 p.) Routledge studies in business organizations and networks;; 13 Collana Altri autori (Persone) CoutardOlivier <1965-> 363.6 Disciplina Soggetti Public utilities - Management Transportation - Management Telecommunication - Management Corporate governance Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and indexes. Nota di contenuto Book Cover; Title; Contents; List of illustrations; List of contributors; About the book; Acknowledgements; Introduction: the evolving forms of governance of large technical systems; On traditional modes of governance; Transforming an energy system: the evolution of the manufactured gas industry and the transition to natural gas in the United States (1807 1954); Striking bonanza: the establishment of a natural gas regime in the Netherlands; Technical systems and strategy: intercontinental telecommunications in the first quarter of the twentieth century Designing and operating storm water drain systems: empirical findings and conceptual developmentsNew challenges; Power plays: the politics of interlinking systems; From control to coordination: new governance models for information networks and other large technical systems; The internationalization of large technical systems: dynamics of change and challenges to regulation in electricity and telecommunications: Splintering networks: the social, spatial and environmental implications of the privatization and liberalization of utilities in Britain; On the

governability of complex technologies

Theories of technology and the abolition of nuclear weaponsSome theoretical and critical remarks on the air transportation system and other large technical systems; Conceptualizing governance for interorganizational networks; Are there such things as small networks?; On control and shifting boundaries: modern society in the web of systems and networks; High variability discourse in the history and sociology of large technical systems; General index; Index of authors cited

Sommario/riassunto

This work examines the governance of large technical systems (LTS) at firm, imdustry and state levels and the interactions between the systems and society. In particular, international contributors explore the implications of major technological, economic and social changes during the last twenty years for traditional forms of LTS governance. Their research is centred around the following themes:* traditional forms of governance* new regulatory challenges* the governability of complex technologies* conceptual issues related to the governance of inter-organizational networks<BR