1. Record Nr. UNINA9910789377003321 Internet of things: global technological and societal trends from smart **Titolo** environments and spaces to green ict / / edited by Ovidiu Vermesan and Peter Friess Gistrup, Denmark:,: River Publishers,, [2011] Pubbl/distr/stampa ©2011 **ISBN** 1-00-333860-7 1-000-79685-X 1-003-33860-7 1-000-79369-9 87-92982-88-3 Descrizione fisica 1 online resource (338 p.) Collana River Publishers Series in Communications Disciplina 004.678 Soggetti Ubiquitous computing Internet research Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Includes index. Nota di bibliografia Includes bibliographical references at the end of each chapters and index. ""Cover""; ""Dedication""; ""Acknowledgement""; ""Editors Biography""; Nota di contenuto ""Contents""; ""Foreword""; ""1 European Research Cluster on the Internet of Things""; ""1.1 Introduction""; ""1.2 IoT European Research Cluster""; ""1.3 IoT Activity Chains""; ""1.4 IoT European Research Cluster Role""; ""1.5 Conclusion""; ""References""; ""2 Internet of Things Strategic Research Roadmap""; ""2.1 Internet of Things Conceptual Framework""; ""2.2 Internet of Things Vision""; ""2.3 Technological Trends""; ""2.4 IoT Applications""; ""2.5 Technology Enablers"" ""2.6 Internet of Things Research Agenda, Timelines and Priorities"""" 2.7 Future Technological Developments""; ""2.8 Internet of Things Research Needs""; ""References""; ""3 The Internet of Things: The Way Ahead""; ""3.1 Little Stones on the Roada€?""; ""3.2 The State of the Art of Internet of Things Research in Europe""; ""3.3 Towards an EU Policy Framework""; ""3.4 Outlook""; ""References""; ""4 Between Big Brother, Matrix and Wall Street: The Challenges of a Sustainable Roadmap for

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## Sommario/riassunto

The book aim is to define the Internet of Things (IoT) in a global view, present the research agenda for Internet of Things technologies by addressing the new technological developments and providing a global balanced coverage of the challenges and the technical and industrial trends.