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   Sommario/riassunto   This book presents a comprehensive exploration of the transformative journey toward smart cities and the implementation of cutting-edge technologies in urban development. Divided into four distinct parts, it covers a broad range of topics that contribute to sustainable, efficient, and innovative urban living. Encompassing diverse research from IEREK's Future Smart Cities (FSC) conference, it focuses on smart city advancement through sustainable practices, digital transformation, and

IoT integration. Covering topics such as smart buildings, urban planning during pandemics, and IoT applications in health care and agriculture, this book shapes the future of urban living. It delves further into opportunities in city regeneration, human-centric smart design, IoT data effectiveness, and more. A valuable resource for academics, researchers, and policymakers, it offers insights into telecommunications, AI, smart manufacturing, and methodologies for urban ecosystem improvement.