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Titolo	How to analyze and compare scenarios? [[electronic resource]] : evaluation of scenarios dealing with the future of our energy system, DESERTEC, EU-Roadmap 2050, Greenpeace [r]evolution, world energy outlook & Shell Energy scenarios / / Stefan Krammer
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Disciplina	629.25
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Note generali	Original title of the thesis: Characteristics and quality of energy scenarios. Cover title.
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Nota di contenuto	How to analyze and compare scenarios?; Table of Contents; List of figures; List of abbreviations; 1 Introduction; 2 Scenarios; 2.1 History; 2.2 Scenario Development: A General Framework; 2.2.1 Purpose; 2.2.2 System Analysis; 2.2.3 Modelling; 2.2.4 Selecting; 2.2.5 Communication; 2.2.6 Application; 2.3 Characteristics of Scenarios; 2.3.1 Variations in Purpose; 2.3.2 Variations in System Analysis; 2.3.3 Variations in Modelling; 2.3.4 Variations in Selecting; 2.3.5 Variations in Communication; 2.3.6 Variations in Application; 2.3.6 Variations in Application; 2.3.7 Scenario typology 2.4 Energy Scenarios 2.4.1 DESERTEC; 2.4.2 EU-Roadmap 2050; 2.4.3 Greenpeace [R]evolution; 2.4.4 World Energy Outlook 2011; 2.4.5 Shell Energy Scenarios; 3 Conclusion; References
Sommario/riassunto	Hauptbeschreibung Right now, our energy system is highly dependent on fossil sources. This dependency causes two major problems: First, it causes the scarcity of these non-renewable energy sources, and climate change. There are two alternatives to fossil energy sources that are on the one hand, nuclear energy, and on the other hand, renewable energy sources. The process of nuclear energy is fascinating for the energy outcome of one kilogram of uranium equals the stored energy of about 3.000 tons of coal. Nuclear energy can reduce the problems that cause

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Altri autori (Persone)	AdeliHojjat DzemydaGintautas MoreiraFernando Poniszewska-MarandaAneta
Disciplina	006.3
Soggetti	Computational intelligence Engineering - Data processing Application software Computational Intelligence Data Engineering Computer and Information Systems Applications
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Nota di contenuto	Implementing Scaled Agile Framework Methodology Principles in the Quality Assurance Process -- Using Knowledge Graph And Kd Tree Random Forest For Image Retrieval -- Blockchain in the Portuguese public electronic service -- Social Media Use How is critical consumption of news impacting voting persuasion in Angola -- Exploring the Performance of Large Language Models for Data Analysis Tasks through the CRISP DM Framework -- Analyzing Project Managers Organizational Commitment A Big Data Approach to Understanding

Managerial Engagement -- Low cost system for monitoring water quality parameters in lentic and lotic ecosystems -- A Unified Approach to Real Time Public Transport Data Processing.

Sommario/riassunto

This book is composed by a selection of articles from the 12th World Conference on Information Systems and Technologies (WorldCIST'24), held between 26 and 28 of March 2024, at Lodz University of Technology, Lodz, Poland. WorldCIST is a global forum for researchers and practitioners to present and discuss recent results and innovations, current trends, professional experiences and challenges of modern Information Systems and Technologies research, together with their technological development and applications. The main and distinctive topics covered are: A) Information and Knowledge Management; B) Organizational Models and Information Systems; C) Software and Systems Modeling; D) Software Systems, Architectures, Applications and Tools; E) Multimedia Systems and Applications; F) Computer Networks, Mobility and Pervasive Systems; G) Intelligent and Decision Support Systems; H) Big Data Analytics and Applications; I) Human-Computer Interaction; J) Ethics, Computers and Security; K) Health Informatics; L) Information Technologies in Education; M) Information Technologies in Radiocommunications; and N) Technologies for Biomedical Applications. The primary market of this book are postgraduates and researchers in Information Systems and Technologies field. The secondary market are undergraduates and professionals as well in Information Systems and Technologies field.