

1. Record Nr.	UNISA996546838803316
Autore	Afonso João L
Titolo	Sustainable Energy for Smart Cities [[electronic resource]] : 4th EAI International Conference, SESC 2022, Braga, Portugal, November 16-18, 2022, Proceedings // edited by João L. Afonso, Vitor Monteiro, José Gabriel Pinto
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2023
ISBN	3-031-33979-7
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (133 pages)
Collana	Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, , 1867-822X ; ; 502
Altri autori (Persone)	MonteiroVitor PintoJosé Gabriel
Disciplina	624
Soggetti	Application software Computer and Information Systems Applications
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Energy; Demand Response; Technical-Economic Analysis -- Forecasting of day-ahead wind speed/electric power by using a hybrid machine learning algorithm -- Prediction of Risks Assessment in the Workplace using Online Monitoring -- Study of Hardware and Software Resources for Mobile Applications of Immersive Technologies in Manufacturing -- Communication through Innovative Technologies to Increase Awareness of the company's brand -- Advancement of Circular Economy Supported by Intelligent Communication System -- Techno-economic assessment of traffic-adaptive smart lighting projects -- Power Quality; Power Electronics -- Development of a Smart Energy Meter for Electrical Energy Consumption and Power Quality Analysis -- A Hybrid MPPT Algorithm based on DE-IC for Photovoltaic Systems under Partial Shading Conditions -- Electric Mobility; Power Electronics; Renewable Energy -- Development of a Battery Management System for Electric Vehicle's Batteries Reuse -- Dc-dc Power Converter for High Power Solar Photovoltaic System.
Sommario/riassunto	This book constitutes the refereed post-conference proceedings of the 4th EAI International Conference on Sustainable Energy for Smart Cities, SESC 2022, held in Braga, Portugal, in November 2022. The 10 revised

full papers were carefully reviewed and selected from 29 submissions. They present multidisciplinary scientific results toward answering complex technological problems of emergent Smart Cities. The subjects related to sustainable energy, framed with the scope of smart cities and addressed along with the SESC 2022 conference, are crucial to guarantee an equilibrium among economic growth and environmental sustainability, as well as to contribute to reducing the impact of climate change.
