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Green technology and consumer electronics driven creative wireless technologies for smart cities

Green applications for consumer electronics and engineering sustainability remains as an essential aspect of providing effective portfolio for delivering cost savings systems for smart cities that will enable the achievement of energy saving, carbon reduction and environmental sustainability. The issue of virtual usability and awareness management strategy may result in achieving excellence in energy efficiency and usage, environmental considerations and energy re-use strategic models for smart cities. The return on investment (ROI) as strategic outcome of green application model may restore and create value analysis for organizations with huge energy wastage without thinking of cost, environmental impact and carbon emissions. Green consumer electronics and sustainability for smart cities, smart living and digital diversity are recent development of the creative computing technologies for future generation communications agenda which contributes towards new wave industrialization and commercialization in terms of virtual applications and service delivery through the internet for the purpose of cost benefit, usability of business and enterprise services. Green computing is defined in various contexts, environmentally, socially and politically with respect to effective and efficient use of energy to achieve competitive advantage in terms of an energy-cost saving strategy, and reduction to carbon emission/footprints, recyclability, biodegradability, and minimal impact to the environment. Smart cities will benefit from the effective deployment of cloud computing through the concept of delivering virtual services and internet medium using consumer electronic devices to achieve competitive edge with respect to cost savings, improvement of performance, efficiency and effectiveness. The services may focus within the different service platforms of cloud computing such as: public cloud, private cloud, hybrid cloud, community cloud, education cloud and enterprise cloud. The choice of the best application portfolio services will depend on value analysis, cost savings, improve performance, competitive edge and marketization of the deliverables and monetization, in terms of financial benefits for the government, business and industrial sectors as enabler for the achievement of smart living, health and wellbeing.

Biography

Professor Ezendu Ariwa holds the position of Professor and Director of Studies (PhD Programmes) at London School of Commerce (Associate College of Cardiff Metropolitan University, UK) and also holds the position of Director of Planning for International Outreach, IAMTECH University, Sierra Leone. He holds the position of Chair of the IEEE Consumer Electronics Chapter, United Kingdom and Republic of Ireland. Ezendu is author of a number of books and papers published in international journals and conference proceedings. He has also delivered keynote speeches at various international conferences. He recently published a book on Green Technology Applications for Enterprise and Academic Innovation, Publisher: IGI Global, USA.

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