The role of bioenergy in sustainable development and achievement of the United Nations Millennium Development Goals

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Abstract (300 word limit)

Among the various types of renewable energy, considering their advantages and disadvantages and their limitations, the role of bioenergy and the use and expansion of related innovations is very significant. On the other hand, in order to reach an important part of the global agenda, the role of rural development is crucial in terms of reducing poverty, reducing harm to natural resources, human rights and food security. It is very important that the renewable energy model uses rural development to have characteristics that are appropriate to the context and needs of those communities. Among the renewable energies, one should pay particular attention to the important indicator of public access. This means that you have to use methods and methods to convert and produce proportional energy that can be localized. At the same time, paying attention to the sustainability of energy supplies is also very important. For example, the raw material used in solar panels is scarce, and silver is also expensive to connect to these solar cells. The technology of making these cells is also advanced and has limitations in terms of comprehensiveness. It is also used to generate electricity and costs to convert to an alternating current. In the case of wind energy, common technical problems for winding blade bearings in the sudden change in wind speed are one of the problems of this type of energy, at least in a country like Iran. The limited capability of this kind of energy in storage is also clear. But the role of bioenergy is valuable in that part of the energy platform has been designed in the field of waste conversion to energy. This section introduces a system that is a bioenergy model with the aim of helping rural development



Image

Recent Publications (minimum 5)

1. Ali Moharrek, Hosein Mobli, Ali Jafari, Ahmad Tabataee Far (2015) . Designing, Manufacturing and Testing a Portable Tractor Unit Biocoal Harvester Combine of Agriculture and Animal Wastes. IJABE Vol :9 No:4
2. Ali Moharrek (2017) Dynamic Organic Local agriculture. Linkedin
3. Ali Moharrek (2016) Benefits of innovation Based on international Hazards. Linkedin
4. Ali Moharrek. (2017) Portable Tractor-United bio-synthetic solid bio-package from Organic wastes Combine Machine. WIPO GREEN
5. Ali Moharrek (2017). Underground water management with minimal energy consumption. WIPO GREEN



Biography (150 word limit)

I am a Biosystem Mechanical MSc. Engineer of Tehran University. My thesis subject turned to a fundamental invention. It is a portable solid biofuel and green bio package producing harvester of organic wastes. As an individual user of WIPO GREEEN DB. It is published in the database. I am a member of Ifia. UNGM. ASME . GLOBAL INNOVATION EXCHANGE . YOUTHPOWER and etc..

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Notes/Comments: