

Biofuels and Bioenergy is the major industry for the development of health

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Abstract

the aim of presentation consist of biofuels, bioenergy, industry, employment, income, economy, crises, global poverty and hunger were studded and reported that is the major industry for the development of health, basic need of daily life, create employment, generate income, stronger economy, reducing financial crises, global Poverty and hunger in the developing countries of the world particularly in south Asia. The study reported that biofuels is the major industry can be produced from plant, plant derived materials, renewable in nature, derived from biomass and used directly for heating known as biomass fuels. Biofuels can be broadly defined as solid, liquid, or gas fuel consisting of or derived from biomass. Biomass can also be used directly for heating or power-known as biomass fuel. Biomass is a biological materials derived from living organism including plants and animals, known as agricultural biomass. The data recorded in Pakistan showed that a single cow is sufficient to provide a whole family with their milk and energy needs as biogas generated from the dung of cow. This is not only the cheapest source of energy but also an important alternative to replace the costly item like furnace oil, coal, natural gas used for non-renewable energy. It means, bioenergy is the basic need of our life, main source of poverty and without energy life is almost impossible. In view of the importance of bioenergy, the developing counties are still facing energy crises due to dense population and highly dependence on non-renewable energy although a great potential of bioenergy are available. As reported, due to lack of energy nearly one billion people go to bed hungry each night. The study reported that the total countries available in the world are 225, consist of (Developed countries = 49, developing countries = 150, observer state = 4, state without partial recognition = 8, unrecognized state = 14). Similarly, South Asia comprises the countries of Pakistan, Bangladesh, India, Bhutan, Maldives, Nepal and Sri Lanka. South Asia is about one fifth of the world's population, which is considered as the most densely populated region in the world. In the light of above study, it is proposed that Biofuel and Bioenergy should be commercialized for the development of health, basic need of daily life, create employment, generate income, stronger economy, reducing financial crises, global Poverty and hunger in the developing countries of the world particularly in south Asia

Biography:

Mr. Muhammad Usman, Former Director General of Agricultural Research System, Government of Pakistan who retired from service after a spotless career of about 32 years

With senior level experience on research and development of integrated agricultural production, industries, Agriculture & Horticulture and bioenergy on a sustainable way.

Speaker Publications:

1. Berglund M, Börjesson P (2006) Assessment of energy performance in the life-cycle of biogas production. *Biomass Bioenerg* 30(2006):254–266
2. Cherubini F, Ulgiati S (2009) Crop residues as raw materials for biorefinery systems - A LCA case study. *Appl Energy* 53(8):434–447
3. Cherubini F, Bird N, Cowie A, Jungmeier G, Schlamadinger B, Woess-Gallasch S (2009a) Energy and GHG-based LCA of biofuel and bioenergy systems: key issues, ranges and recommendation. *Resourc Conserv Recy* 53:434–447
4. Cherubini F, Jungmeier G, Mandl M, Philips C, Wellisch M, Jørgensen H, Skiadas I, Boniface L, Dohy M, Pouet JC, Willke T, Walsh P, van Ree R, de Jong E (2009b) IEA Bioenergy Task 42: Report on Participating Countries. Document of IEA Bioenergy Task 42 'Biorefineries',
5. Cherubini F, Jungmeier G, Wellisch M, Willke T, Skiadas I, van Ree R, de Jong E (2009c) Towards a classification approach for biorefinery systems. *Biofuels, Bioproducts and Biorefining* 3(5):534–546

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