

Biofuels and Bioenergy is the major industry, reducing financial and energy crises, global poverty and hunger in the world like South Asia particularly in Pakistan

## **Abstract**:

the aim of presentation consist of biofuels, bioenergy, industry financial and energy crises, global poverty and hunger were studded and reported that biofuels, Bioenergy is the major industry, creating income, employment, reducing financial crises, global poverty and hunger in the world like South Asia particularly in Pakistan. 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 total number of countries are available in the world are 224, consist of 49, developed countries 49, 149 developing countries, 4 observers states, 8 state with partial recognition and 14 unrecognized states but the South Asia comprises the countries of Pakistan, Bangladesh, India, Bhutan, Maldives, Nepal and Sri-Lanka South Aisa 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 the above study, the industry of biofuels and bioenergy may be commercialized to generate income, create employment, reduce financial and energy crises as well as global poverty and hunger in the developing countries of the world like South Asia particularly in Pakistan.

Biography: Mr. Muhammad Usman, Former Director General of Agricultural Research System, Government of Pakistan who retired from service after a spotless career of about 35 years with senior level experience on research and development of agricultural industry with regard to biofuels, bioenergy food chemistry and nutrition, renewable energy, sustainable agriculture of oil seed, cereal, fruits, vegetable.

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