"Green Technology for Collaboration Programs"

Strategy of Industry Collaboration between Saudi Arabia and Chinese Companies in producing drug, Cosmetic & Cleaners in Kingdom of Saudi Arabia

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There has been several technological developments in the past few years in the field of manufacturing of drugs, cosmetics and cleaners. The application of these technological developments require lot of resources, financial and technical manpower as well as material input. To establish a highly efficient manufacturing unit in any field requires nowadays the collaboration of two or more companies across the borders. The purpose of the poster is to demonstrate the potentialities open for collaboration between Chinese and Saudi companies in the field of production of natural drugs, cosmetics and cleaners. For Example, sterilizer products contain ethanol but nowadays new products contain some new materials that kill germs and bacteria without alcohol. This is a new technology which has been applied recently in products manufactured in Saudi Arabia.

In Saudi Arabia, we look forward to use the latest technology of producing natural drugs, cleaners and cosmetics and different sizes of plastic bottles and some chemicals. This could be done with the collaboration of specialized Chinese companies. From our side, the raw materials of plastic and local natural medicinal herbs and few scientific "human resources" specialized in these fields are available. Several interesting medicinal plants (especially those mentioned in the "Holly Quraan" and the "Medicine of the Profit") are cultivated in our region. There are also companies in Saudi Arabia and the Gulf that produce several chemical drugs, cosmetics and cleaners, however these factories do not posses the new technology and the production cost is high.

Indeed, in China, there are many herbal plants, and lot of chemicals, natural drugs, cosmetics, cleaners and bottles are produced. These could easily be exported to our region. But it will be more feasible if these items are produced in our region in partnership with Chinese companies. In the Middle East especially in the Gulf countries there are two factors which favor the development of these industries: (1) the first factor is the plastic raw materials and special medicinal herbs related to our environmental, (2) the strong economy of the Gulf countries and our open markets.

In the poster, we will show many methodologies for attracting Chinese companies to collaborate with Saudi and Gulf companies. Also, we will present some products during the activity of the conference (these products have good marketing in our Gulf countries). The Chinese companies could consider the development of the formulation of these products in order to produce them in partnership with Saudi Arabian companies by using Chinese technology to improve the quality of products and reduce the cost.

The natural products field is one branch of the "Green Science Technology Programs". And involve products from natural resources, not chemical ones. It does not carry much harm as the chemical products. They are considered as friendly to the environment. Also, we refuse the modern name for folk medicine "alternative medicine", but we should better call it the "original medicine" not the "alternative". These "Terminology" are very important as philosophy basic for build up any modern strategy of technology collaboration between countries under an umbrella of positive methodology of globalization.