

METHODOLOGICAL APPROACH TO LIFE CYCLE ASSESSMENT IN EVALUATING ENVIRONMENTAL IMPACTS OF AGRICULTURAL DEVELOPMENT PROJECTS, CASE STUDY DEVELOPMENT COMPANY SUGARCANE DBL KHAZAEI

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Introduction: The most important impact of agriculture on the environment. Scheme a whopping Tosee Neyshekar and side industries in level Khuzestan Province positive effects lot such as Dramdzayy, generating employment, convert moorland to agricultural lands usable, increasing agricultural production Province and .. bundled into has had, But like other manufacturing units have numerous negative environmental impacts are in various stages of production. Environmental effects of agricultural activities has always been the case. Life cycle assessment as a tool for environmental management approach "cradle to grave" system of assessment will be used Environmental impact and is able to assess the entire life cycle of a process. Life Cycle Assessment to estimate the cumulative environmental impacts resulting from all stages of the product life cycle provides.

Material and Method: With regard to the above study, the life cycle assessment methodology and use it to evaluate the environmental consequences of development projects Ksharzy, case study development company sugarcane industry is Khazaei Dbl Side The study began in January 2012 and February 2013 in four parts, of library and information studies, field visits, preparing questionnaires, software and classify environmental impacts and management strategies was provided. Stats go through scientific research and related research, the use of Web sites related to industry and research methods as well as interviews with environmental experts and industry respectively. To learn more about the industry and manufacturing cycle times in both agriculture and industry in different units (factories, sugar, alcohol and yeast) were studied and Information and field questions from various managers completed. The questions required materials listed within the Delphi model input and output of the system was determined based on Life Cycle Assessment of the production cycle. And activities that lead to the production of pollutants were identified . With the use of specialized inventory of environmental activities leading to environmental pollutants and the effects of activities were identified. Degree of importance and the effects were assessed using a Likert.

Discussion and Results: The results showed that agricultural company, such as leaching processes (salinity, deforestation), fertilizer application, spraying and cane burning debris was identified as the main activity. In the process industry such as bagasse and trash piled limestone drain, waste, domestic waste like chemical, industrial Fzlab discharge, burning filters were used as the main activities of the department which Have significant environmental consequences of non-renewable energy depletion, air pollution, global warming, pollution, soil erosion, declining soil fertility, Karun River water pollution, the threat of aquatic species and the impact on the health of residents, particularly in terms of respiratory is disease.

Conclusion: According to studies, the order parameters of the EPC Dbl Khazaei in the agricultural sector are,(air quality, 32%), (water quality 24%), (soil quality, 19%) (threat to human health, 14%) and (threaten other animal 10%) and The parameters of the process industry are,(water quality, 37%) (22% soil quality), (air quality 18%), (the effect on the lives of other animal 14%) and (human health effects of

9%). Considering the amount of environmental pollutants as a result of the company's activities Dbl Khazaei seven studies and culture industry as an important industrial hub in Iran after the oil and gas industry, has significantly human and animal health and the environment at risk standard, and it is therefore necessary to prevent the proper management and control of environmental contaminants to be felt in the industry.



The 1st International Conference on New Ideas in Agriculture
Islamic Azad University Khorasgan Branch
26-27 Jan. 2014, Isfahan, Iran

