

FOOD ENGINEERING STARTUP IN SOLAR REFRIGERATION- 'CHILSOL'

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ABSTRACT

'Chilsol' is an incubation idea for entrepreneurship based startup which incorporate transfer of solar refrigeration based technology, research and development on par with recent trends and service sector. Transfer of technology section of 'Chilsol' can include the extension based activities for the popularization of solar refrigeration based technologies in rural areas. Import export section of transfer of technology wing which will be a bridge to introduce advanced technologies to our country and to showcase low cost indigenous technologies to the global market. Research and development wing will be focusing on innovative solar refrigeration technology. Service sector division of 'Chilsol' can be based onsite services for the installed solar system which is being operated in demand on call basis and mobile app based services. 'Chilsol' can provide the platform for the sellers and buyers as international level consortia where business and innovation can be discussed using the opportunities of e-commerce. Sources of income for this project can be obtained from service fee, MNRE and other government projects. 'Chilsol' will be having high outcome and impact with 2.72 BC ratio and a payback period of 2 years and 8 months. Hence this will be the best project under propagation and entrepreneurship development of low carbon technologies.

KEYWORDS: 'Chilsol', E-Commerce, Entrepreneurship, Solar Refrigeration, Startup