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The use of microalgae for biofuel production and need in improvements of Global Environmental policy

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Development of biofuels manufacturing is our answer to the triple challenges of climate change, energy security and health. Our technological approach based on the use of mixotrophic microalgae coupled with the cleaning of wastewater, utilize of solid waste and effluent gases for decreasing risks of biofuel manufacturing aimed to mitigation of GHG emission, waste and manufacturing of O₂. Such approach can reduce GHG emission for Canada on 71-106 Mt CO₂ per year, food waste and archive improvement of the microbial balance for speedily cleaning and reusing of the water of tailing ponds as well as, in whole, diminish production risks of oil sand operators. On the other hand, saved experience shows that some governments focuses on motivation through subsidies (grants, loans, etc.), but the current environment degradation confirm that it have not enough effective global impact and companies can face challenges of high-volume adoption and further market penetration (falling oil prices have put a crimp in today's biofuel market). Therefore, progress in biofuel production can be archived also through the improvements of international and local policies addressed to development of Live Conserve Industry through new action aimed to promote market activity of private companies. So, it is necessary decrease obviously discrimination between obligation of companies to pay taxes of pollution and the common lack of receipt money for reduction of Global environmental risks. If we broadly understood these risks, companies income must include payments for providing a positive impact on decreasing of global pollution.

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