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ABSTRACT

Economy is the heart of any nation pumping finance to achieve strategic objectives. Technology is another dimension which changed rapidly with the blessings of economy, and countries use to gain prosperity. Consequently, technology and economy complements each other. If investment on technology could generate positive returns, absorbing such advancements would contribute directly to the National economy.

The average economic growth rate of Sri Lanka from year 2015-2018 was 3.98%. The World Bank has estimated 2.5% economic growth rate in Sri Lanka at the end of year 2019 which is the second lowest in the South Asian region.

Transportation is playing a pivotal role in any form of organization driven towards success. As such Government provides required finance for entire state institutes for the transportation facilities majorly through approximately one million of vehicles. To operationalize those vehicles, Sri Lanka spends billions of money which is unbearable to the national economy. If a saving through minimizing the consumption of fuel could be done, that saving may possibly be utilized for any investment or paying back of national debt.

The world trend is moving towards the application of green technology in transportation for sustainable development. As such as an governmental organization Sri Lanka Air Force could contribute to the national economy by taking the advantage of Utilization of Green technology in transportation.

Hence, this research is focused on determining the potential for utilization of such technology for Sri Lanka Air Force Transportation and measuring the financial impact on national economy. Further, the broad endeavor of this paper is to rationalize any positive outcome for whole governmental sector by executing strategic advancement for the benefit of national economy through transportation.

Key words: Economy, Green technology, Transportation, Impact, Potential,