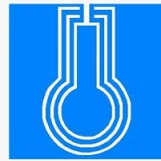


# Sunho Biodiesel Corporation: Pure Biodiesel a Cost-Effective solution to Air Pollution

*Using waste grease, pure biodiesel (B100) from ET Process® is a cost competitive alternative to diesel.*



**SUNHO BIODIESEL CORPORATION**

TAIPEI, TAIWAN, August 23, 2018  
/EINPresswire.com/ -- Air pollution in big city remains a major concern

worldwide. As indicated by WHO Global Ambient Air Quality Database update in 2018, covering more than 4,000 cities in 108 countries, over 80% of people living in urban areas are exposed to air quality levels exceed WHO air quality guidelines (>10 µg/m<sup>3</sup> for PM<sub>2.5</sub>). Nearly 90% of air-pollution-related deaths occur in low- and middle-income countries, especially in South-East Asia and Western Pacific regions. One of the main sources of air pollution, especially primary particulate matter, is transport. Thus, using clean fuel is key.

To improve the air quality in big cities, introduction of clean public transportation, especially city buses, is very necessary. [B100](#) can help ease the situation as B100 can effectively reduce greenhouse gases by 86%, lower particulate matter by 47%, and cut hydrocarbon emission by 67% as compared to petroleum-based diesel. Since most city buses around the world run on diesel, using B100 on existing diesel buses is the most economical solution. Instead of replacing existing diesel buses with new buses operating with other clean technology, B100 can be seamlessly introduced to existing city buses. This solution is not novel because B100 as a biofuel for city buses has been operating in many cities in Europe and Asia. In the past, the cost of B100 was the major barrier for its wide adoption.

Traditional alkaline process or conventional enzymatic process cannot produce B100 cheaper than diesel without subsidies. However, [ET Process®](#) developed by [Sunho Biodiesel Corporation](#) (SBC) can. Based on the current price for used cooking oil around \$0.23 per pound and petroleum-based diesel price around \$3.37 per gallon, the price of B100 from ET Process® can be much lower than the price of petroleum-based diesel at the same heating value. Without subsidies, the plant can also be financially self-sustaining with payback period of 3 – 5 years.

Biodiesel from ET Process® can help save fuel cost without having to invest in new buses with clean technology. By powering city buses with B100, cities can become greener with less air pollution at a lower cost.

## About Sunho Biodiesel Corporation

Rooted in the mid 1980, Sunho Biodiesel Corporation (SBC) is working in the field of process development and engineering design based on the application of enzyme as a biocatalyst. For years, SBC has been researching and perfecting a unique turnkey Enzymatic Transesterification Process (ET Process®). SBC is providing turnkey packages for biodiesel production based on the ET Process®. The company is open to interested parties for collaboration and partnership with any public and private companies. For further information, please visit the website: <http://sunhobiodiesel.com/>.

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