

Data Analysis for DHL Logistics Facilities

LITERATURE SURVEY

Paper 1: DHL e-COMMERCENTERS VEITNAM's BUSTLING COMMERCE MARKET

Publication year: 26 July 2017

Author: Calbeto. J, Abareshi. A, Sriratanaviriyakul, N.
Nkhoma, M. Pittayachawan, S. Ulhaq, I. Wandt.

Journal Name: Last Mile Delivery as a competitive logistics service

Summary: Through the case of DHL's Ecommerce Vietnam, LMD has demonstrated a very important role in the supply chain network. Not only stopping at improving the overall efficiency and responsiveness, the activities are able to represent DHL's key competitive advantages. In general, Parcel Metro Service is the key competitive advantage of DHL Ecommerce while good compensation policies for insurance package can be considered as short-term competitive advantage. As such, insurance package may potentially become a critical aspect for the company to develop strategic plans in order to make it become a unique sustainable strength soon. Additionally, Tracking System, Next-day Cash Remittance and Service Point are features that define the foundation of any ecommerce service providers nowadays in Vietnam. In this case, DHL Ecommerce has well-established a foundation that is as good as their competitors. Open Box service does not generate good returns for the company, however, DHL's LMD practices will level down without this feature.

Paper 2: AERIAL VEHICLES (UAVs) TECHNOLOGIES FOR EFFECTIVE TRANSPORT AND LOGISTICS DELIVERY

Publication year: 2019

Author: Godwin, O

Journal Name: Value of Nigeria's Logistics Industry

Summary: The logistics and chains supply industry has come of age as there exist some local and foreign private business entities that are operating in the logistics industry which include: DHL, Red Star Express (also known as FedEx), United Parcel Service (UPS), NiPOST (Nigerian Post Office) amongst others (Ogunbowale, 2018). Though the Nigerian Postal Service (NPS) is the agency that regulates the activities of stakeholders in country, and it operates a courier delivery service, the Nigerian Post Office (NiPOST) which competes with other courier operators in private industry. In the first instance, there is the need for Nigeria to engage in and implement the various free-trade and bilateral with various states across the globe which include: the ECOWAS and African Growth and opportunity Act (AGOA) programmes that are much expected to improve trade significantly (Mazur, et al., 2016).

Paper 3:SPECULATING ENVIRONMENTAL SUSTAINABILITY STRATEGY FOR LOGISTICS SERVICE PROVIDERSBASED ON DHL EXPERIENCES

Publication year: 2019

Author: Tran, D. T., Wong, W. K., Moslehpour, M., & Xuan, Q. L. H.

Journal Name: Management Information and Decision Sciences

Summary: According to the United Nations General Assembly (1987), there is none of the universally-official agreed term on sustainability due to the complexity and various approaches to achieve the outcomes. However, the original concept of sustainability was generated from the views of sustainable development in the World Commission on Environment and Development Summit in 1992 in Rio describing “the development that meets the needs of the present without compromising the ability of future generations to meet their own needs” (Albert, 2019). In the business context, Hoppmannetal. (2018) suggested the sustainability goal requires an increase in profit once the initial investments are made. Any business operation considers environmental, social and economic aspects, then should link to their sustainable activities. Khoshnavaetal. (2018) suggested that sustainability concept can be categorized and illustrated as the three pillars “social, economic and environmental” to fully evaluate sustainable dimensions in the commercial world. Jankeretal. (2019) addresses the social sustainability more focuses on the process of creating healthy and liveable communities which could improve the well-being of people who are living in those places. This dimensionof sustainability supports the present and the future generations to maintain healthy living and working societies. From a business perspective, social sustainability refers to the comprehension about the impacts of corporations on people community which might affect their daily-life routine, community engagement and future well being (Hale et al., 2019).

**Paper 4: DISCLOSURE IN THE GLOBAL
LOGISTICS INDUSTRY:
THE CASE OF DHL**

Publication year: 13 April 2017

Author: David M. Herold, Ki-Hoon Lee and Marc A. Rosen.

Journal Name: The institutionalization and commensuration of carbon disclosure

Summary: The aim of this paper is to examine the similarities and differences in the measurement and reporting of carbon-related information in order to capture the underlying logic that drives carbon disclosure behaviour in the global logistics industry. We adopt an interpretative content analysis approach and examine the carbon-related information using the Carbon Disclosure Project (CDP) reports of DHL, FDX and UPS. The analysis reveals significant differences in the applied carbon-disclosure strategies, as well as in the degree of transparency between the three companies. The results also indicate that the carbon disclosure practices of FDX are dominated by a market logic that emphasizes the economic benefits of carbon reductions, while DHL and UPS have prioritized the sustainability logic to gain a competitive advantage.

Paper 5: GREEN LOGISTICS BUSINESS ORGANIZATION

Publication year: 2006

Author: Aronsson, H. and Brodin, M.

Journal Name: The environmental impact of changing logistics structure.

Summary: DHL and Blue Dart Steer India's Logistics a New Direction with the Launch of Smart Truck Bangalore, India. Adapts successful innovations from the corporate unit DHL Solutions & Innovations to improve service quality, cut costs, reduce time and CO2 emissions in emerging market conditions. DHL, the world's leading logistics company, and Blue Dart, part of the DHL Group, are piloting Smart Truck technology in Bangalore, India, the first deployment of this successful logistics innovation outside Germany. Created by DHL Solutions & Innovations (DSI), the DHL Smart Truck is an "intelligent" pick-up and delivery vehicle that combines a number of innovative technologies including a route planner. Launched in Germany in 2010, DHL Smart Truck reduced number of miles traveled by 15 per cent and length of average route by 8 per cent during its pilot stage, reducing both fuel consumption and CO2 emissions.

Paper 6: INDIAN LOGISTICS INDUSTRY AND SUPPLY CHAIN MANAGEMENT

Publication year: July 2012

Author: Smit Thakkar

Journal Name: RC Air & Rail services and Logistics

Summary: RC a Logistics Company is renowned for its domain expertise and experienced manpower in the Logistics sector. RC can best understand your Logistics and distribution requirements and can offer the most suitable Logistics model and solution to you. RC has the strong network coverage across India traversing over 3,50,000 km. everyday covering over 150 locations through more than 50 routes operating 24 hours a day 365 days a year reaching these locations through its fleet of SLR (Short Luggage Room), VP (Various Parcel Room), Air Carriers and through truck vehicle operating on. Logistics services provider RC plans to invest Rs 3-4 crore (30– 40 million) in five years to expand its operations on the back of the boom in Rail activities in the country.