

PRINCIPLES OF MARKETING





LEARNING JOURNAL UNIT 6

BUS 2201-01 PRINCIPLES OF MARKETING - AY2024-T4



MAY 19, 2024

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SWEDEN'S STREAMLINED LOGISTICS

Introduction:

Logistical activities fulfill the demand for mobility and accessibility. They construct infrastructure and create new jobs. They reduce poverty, hunger, and crime while making humans and nations wealthier. However, logistical activities also have negative environmental and societal impacts that must be minimized. They depend on fossil fuels and nonrenewable resources. They harm residents' health and safety. They cause atmospheric, land, water, noise, and visual pollution. They lead to congestion, intimidation, vibration, injuries, and accidents (Abbasi & Nilsson, 2016).

As we dive deeper into Unit 6 and explore creating value for customers through effective marketing channels and supply chain management, Sweden provides an excellent case study. This nation has really impressed me with their structured approach to logistics that maximizes value throughout the supply chain. In today's entry, I'll break down the key components of Sweden's logistics process.

Multimodal Transportation Network:

One of the biggest strengths of Sweden's logistics structure is their integrated transportation network spanning road, rail, air, and maritime modes. By seamlessly connecting

these different shipping methods, they can optimize the movement of goods based on factors like cost, speed, destination, and product type.

For domestic shipments and last mile delivery, Sweden's vast highway infrastructure and reliable trucking fleet dominate. Their road logistics are made even more efficient through intelligent transportation systems to prevent gridlock.

Rail plays a starring role for bulky cargo and long-haul shipments, with Sweden's railways renowned for their timely service. I was impressed to learn about their adoption of technologies like automated freight transport to further improve rail logistics. “The Swedish Transport Administration has built an infrastructure around our railways where RFID technology is used. Currently, over 200 readers are installed around Sweden and similar developments are taking place in many European countries. Everything is done automatically with RFID readers that read the status of the wagons, which can also take place while the trains are driven at high speed” (GS1 Sweden, 2023).

At major ports like Gothenburg, advanced maritime logistics enable Sweden's export/import flows and connection to global supply chains. Their ability to smoothly transfer freight from ships to rail or trucking is valuable.

Even air transport logistics are finely tuned, with dedicated freight terminals at airports like Stockholm Arlanda streamlining the process.

Sustainability Focus:

What's also notable about Sweden's logistics approach is their commitment to environmental sustainability. They are frontrunners in promoting greener supply chain practices like using alternative fuels, favoring rail/maritime over road transportation when feasible, and enacting energy efficiency programs in warehouses and distribution facilities. This strengthens their brand value among sustainability-minded customers.

Technology Innovators:

“Logistics Cluster Östergötland is an arena and network for innovation and development in logistics solutions. It allows both businesses and municipalities to engage with a variety of challenges and new ideas for smarter and more sustainable logistics” (News - Smart City Sweden, 2020). Sweden furthers their logistics value proposition by eagerly adopting cutting-edge technologies. Things like IoT sensor networks, blockchain for traceability, AI/ML optimization, and automated warehousing are revolutionizing their supply chains. This technological edge delivers major efficiencies, cost savings, and visibility that gets prized by customers.

Conclusion:

All in all, I'm seriously impressed by how Sweden has structured their logistics process to wring out every ounce of value possible. Their multimodal transportation integration, Greentech leadership, and forward-thinking automation make for resilient and agile supply chains. As

businesses increasingly value operational excellence and responsible practices, taking cues from Sweden's logistics playbook could be a key competitive advantage.



REFERENCES:

ABBASI, M., & NILSSON, F. (2016). DEVELOPING ENVIRONMENTALLY SUSTAINABLE LOGISTICS. TRANSPORTATION RESEARCH. PART D, TRANSPORT AND ENVIRONMENT, 46, 273–283.
[HTTPS://DOI.ORG/10.1016/J.TRD.2016.04.004](https://doi.org/10.1016/j.trd.2016.04.004)

GS1 SWEDEN. (2023, NOVEMBER 2). TRANSPORT & LOGISTICS » GS1 SWEDEN.
[HTTPS://GS1.SE/EN/YOUR-INDUSTRY/TRANSPORT-LOGISTICS/](https://gs1.se/en/your-industry/transport-logistics/)

NEWS - SMART CITY SWEDEN. (2020, APRIL 17). SMART CITY SWEDEN.
[HTTPS://SMARTCITYSWEDEN.COM/BEST-PRACTICE/381/LOGISTICS-CLUSTER-SERVES-AS-MODEL-FOR-COLLABORATING-ON-SMART-SUSTAINABLE-LOGISTICS/](https://smartcitysweden.com/best-practice/381/logistics-cluster-serves-as-model-for-collaborating-on-smart-sustainable-logistics/)

WORDCOUNT: 575