

Hyperloop For Logistics

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Abstract: *In the dynamic landscape of transportation technology, the emergence of Hyperloop has sparked excitement and intrigue. This revolutionary mode of transportation, conceptualized by Elon Musk in 2013, promises to redefine the way we perceive distance, time, and efficiency in travel. In this introduction, we will delve into the essence of Hyperloop, its profound significance in the realm of transportation, and explore the purpose, structure, objectives, and scope of the capstone project dedicated to analyzing this transformative technology.*

Keywords: Hyperloop

REFERENCES

- [1]. Musk, Elon. "Hyperloop alpha." SpaceX, 2013, Paper No. SPX-HL-2013, pp. 1-25.
- [2]. Brogan, Shervin, and Adam Straus. "Breaking the barriers of travel." IEEE Spectrum, vol. 53, no. 8, 2016, Paper No. IEEE-SPCTRUM-2016, pp. 44-51.
- [3]. Cai, Wei, et al. "A review on Hyperloop transportation system: technology, economics, safety, and policy." IEEE Access, vol. 8, 2020, Paper No. IEEE-ACCESS-2020, pp. 112731-112747.
- [4]. Orosz, Gabor. "Dynamics of the Hyperloop transportation system." Procedia Engineering, vol. 199, 2017, Paper No. PROENG-2017, pp. 1551-1556.
- [5]. Popescu, Dan C., et al. "A review of the main concepts of the Hyperloop technology." Symmetry, vol. 12, no. 8, 2020, Paper No. SYMMETRY-2020, pp. 1300.
- [6]. Musk, Elon. "Hyperloop alpha." Tesla, 2013, pp. 1-25.
- [7]. Gendron, Sebastien, and Ryan Janzen. "The future of high-speed transportation: An overview of the TransPod Hyperloop system." TransPod Inc., 2018, pp. 1-50.
- [8]. Simchi-Levi, David. "The future of transportation: Hyperloop, autonomous vehicles, and drones." MIT Sloan Management Review, vol. 60, no. 3, 2019, Paper No. MIT-SMR-2019, pp. 1-5.
- [9]. Zhang, Yifan, et al. "Hyperloop: A comprehensive review of research progress, challenges, and prospects." Energies, vol. 14, no. 4, 2021, Paper No. ENERGIES-2021, pp. 968.