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16756215

**DOI**

10.21837/PM.V19I15.935

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# A comparative analysis of transit oriented development guidelines between Malaysia and other countries

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Transit Oriented Development (TOD) is an emerging concept to optimise the land use development surrounding a transit station and to create a reliable relationship between a densely compact urban form and high public transportation ridership. In Malaysia, the concept of TOD was initiated in the first National Physical Plan in 2005 and mentioned again in National Physical Plan 2 in 2010. This paper identifies the principle of TOD applied in Malaysia and other countries, and discusses the differences and similarities of the TOD practices using comparative analysis and document analysis methods. Findings of this study indicate that mixed-use development, high density, intensity and connectivity are the main TOD principles adopted in Malaysia and other countries around the globe. The current policy and practises of these countries tend to focus more on the better management and increase ridership of these transit rail stations, including ways to encourage users to shift from private vehicles to public transportation. The findings of this study would contribute towards policy decisions and practices of TOD in Malaysia. © 2021 Malaysian Institute Of Planners. All rights reserved.

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- 
- 1 Bowen, G.A.  
**Document analysis as a qualitative research method**  
*(2009) Qualitative Research Journal, 9 (2), pp. 27-40. Cited 2221 times.*  
<http://search.informit.com.au/fullText;dn=252446162410248;res=IELHSS>  
doi: 10.3316/QRJ0902027  
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- 
- 2 Chye, B.  
*(2019) Transit-Oriented Development in Emerging Cities: Principles from Singapore*

- 
- 3 *(2011) Winnipeg Transit-Oriented Development Handbook*  
City of Winnipeg

- 
- 4 *(2014) Transit Oriented Development Strategic Plan.* Cited 5 times.  
Denver City Council, Denver

- 
- 5 *(2010) Transit Oriented Development: Guide for Practitioners in Queensland.* Cited 14 times.  
Department of Infrastructure and Planning, Brisbane

- 
- 6 *(2017) The United States.* Cited 10 times.  
Institute for Transportation and Development Policy

- 
- 7 *(2021) Transit-Oriented Development Implementation Resources and Tools*  
International Bank for Reconstruction and Development The World Bank.  
Second Edition

- 
- 8 *(2004) Transit Oriented Development Policy Guidelines.* Cited 3 times.  
Use Planning and Policy, The City of Calgary

- 
- 9 *(2021) National Transit Oriented Development (TOD) Policy*  
Ministry of Housing and Urban Affairs, Government of India
-

- 
- 10 (2012) *Ontario Transit Supportive Guidelines*. Cited 9 times.  
Ministry of Transportation, Ontario
- 
- 11 (2016) *Transit Oriented Development Guideline*  
Petaling Jaya City Council (MBPJ)
- 
- 12 (2017) *Pelan Induk Perancangan Bersepadu Guna Tanah Dan Pengangkutan Awam Laluan MRT Selangor - Kuala Lumpur*  
PLANMalaysia
- 
- 13 (2018) *Garis Panduan Perancangan Pembangunan Berorientasikan Transit (GPP TOD)*  
PLANMalaysia
- 
- 14 (2019) *Pelan Induk Perancangan Bersepadu Guna Tanah MRT Laluan Putrajaya*  
PLANMalaysia
- 
- 15 (2013) *Kajian Pelan Potensi Pembangunan Berorientasikan Transit (TOD) Negeri Selangor*  
PLANMalaysia@Selangor, Selangor
- 
- 16 (2017) *Dasar Perancangan Pembangunan Berorientasikan Transit Negeri Selangor*  
PLANMalaysia@Selangor, Selangor
- 
- 17 Sabri, S., Ludin, A.N.M., Johar, F.  
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([Open Access](#))  
  
(2013) *Planning Malaysia*, 11, pp. 75-100. Cited 5 times.  
<http://planningmalaysia.org/index.php/pmj/issue/archive>  
doi: 10.21837/pmjournal.v11.i2.117  
  
View at Publisher
- 
- 18 (2003) *Bart Transit-Oriented Development Guidelines*. Cited 4 times.  
San Francisco Bay Area Rapid Transit District
- 
- 19 (2012) *Transit Oriented Communities Overview and Design Guidelines*  
Translink, Vancouver, Canada

---

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