

Smart community infrastructures - Smart transportation for newly developing areas

Contents	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Concept of smart transportation for newly developing areas	1
4.1 General	1
4.2 Transportation modes for newly developing areas	2
4.2.1 General	2
4.2.2 Transportation modes applicable inside newly developing areas	2
4.2.3 Transportation modes applied between a newly developing area and regions outside the area	3
5 Adoption of smart transportation for newly developing areas	3
5.1 General	3
5.2 Conditions for transportation mode selection	3
5.2.1 General	3
5.2.2 Transportation capacity	4
5.2.3 Service frequency	4
5.2.4 Stop/station interval	4
5.2.5 Geographical applicability	4
5.2.6 Running performance	4
5.2.7 Exclusive tracks and/or street lanes	4
5.2.8 Promotion of environmentally friendly vehicles and life-cycle performance	4
5.2.9 Coach convenience and safety	4
5.2.10 Town value and attractiveness	5
5.2.11 Emergency measures	5
5.2.12 Energy saving	5
5.2.13 Driverless operation applicability	5
5.2.14 On-time operation	5
5.2.15 Flexibility in track arrangements	5
5.3 Installation of smart transportation	5
6 Sustainability in quality of smart transportation for newly developing areas	5
6.1 General	5
6.2 Parameters to be observed	6
6.3 Re-optimization of smart transportation conditions	6
Annex A (informative) Transportation modes used in existing newly developing areas	7
Bibliography	10