

# ISO 37162:2020-02 (E)

## Smart community infrastructures - Smart transportation for newly developing areas

<b>Contents</b>		<b>Page</b>
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 the outside region .....	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 .....	3
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 .....	4
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 .....	5
6.3	Re-optimization of smart transportation conditions .....	6
Annex A (informative) Transportation modes used in existing newly developing areas .....		7
Bibliography .....		10