

# ISO 37162:2023-11 (E)

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

<b>Contents</b>	<b>Page</b>
<b>Foreword</b> .....	<b>iv</b>
<b>Introduction</b> .....	<b>v</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>1</b>
<b>4 Concept of smart transportation for newly developing areas</b> .....	<b>1</b>
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
<b>5 Adoption of smart transportation for newly developing areas</b> .....	<b>3</b>
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
<b>6 Sustainability in quality of smart transportation for newly developing areas</b> .....	<b>5</b>
6.1 General.....	5
6.2 Parameters to be observed.....	6
6.3 Re-optimization of smart transportation conditions.....	6
<b>Annex A (informative) Transportation modes used in existing newly developing areas</b> .....	<b>7</b>
<b>Bibliography</b> .....	<b>10</b>