

ISO 37153:2024-08 (E)

Smart community infrastructures - Maturity model for assessment and improvement

Contents

Page

Foreword..... iv

Introduction v

1 Scope..... 1

2 Normative references 1

3 Terms and definitions 1

4 Basis of community infrastructure maturity model 3

4.1 Outline..... 3

4.2 Achievement criteria table..... 4

4.3 Assessment aspects of the community infrastructure 4

4.4 Overview of the methodology..... 5

4.5 Community infrastructure maturity model 6

5 Requirements and guidance for developing an achievement criteria table 7

5.1 General..... 7

5.2 Guidance for determining purpose..... 7

5.3 Requirements and guidance for identifying characteristics..... 7

5.3.1 General 7

5.3.2 Additional recommendation for characteristics..... 8

5.4 Guidance for defining criteria..... 8

5.4.1 General 8

5.4.2 Attribute of characteristics 9

5.4.3 Definition of the criteria..... 9

6 Guidance for assessment and improvement..... 10

6.1 General..... 10

6.2 Guidance for assessment 10

6.3 Guidance for improvement 11

6.3.1 Analysis for improvement..... 11

6.3.2 Implementation of improvement..... 11

Annex A (informative) Continuous improvement of community infrastructure 12

Annex B (informative) Mechanism of the attributes of characteristics in technical assessment 16

Annex C (informative) Achievement criteria table for technical assessment 18

Annex D (informative) Example of assessment trial using achievement criteria table 23

Bibliography..... 28