

ITU Focus Group Technical Specification

(06/2024)

ITU Focus Group on metaverse
(FG-MV)

FGMV-XX

Draft Definition of CitiVerse

Working Group 1: General



Draft Technical Specification ITU FGMV

Definition of CitiVerse

Summary

This draft Technical Specification contains the definition of CitiVerse.

Keywords

CitiVerse; metaverse; urban; city

Note

This is an informative ITU-T publication. Mandatory provisions, such as those found in ITU-T Recommendations, are outside the scope of this publication. This publication should only be referenced bibliographically in ITU-T Recommendations.

Change Log

This document contains Version 1.0 of the ITU-T Technical Specification on “*Definition of CitiVerse*” approved at XXX.

Acknowledgements

This Technical Specification was researched and written by Radia Funna (Build n Blaze, LLC.), with inputs from Leonidas Anthopoulos (University of Thessaly, Greece), Xiaomi An (Renmin University of China, China), and Christina Yan Zhang (The Metaverse Institute) as a contribution to the ITU Focus Group on metaverse (FG-MV). The development of this document was coordinated by Leonidas Anthopoulos (University of Thessaly, Greece), as FG-MV Working Group 1 (WG1) Chair, Radia Funna (Build n Blaze, LLC.) as WG1 Acting Chair, and Xiaomi An (Renmin University of China, China) as Chair of Task Group on terminology & definitions.

Additional information and materials relating to this report can be found at:

<https://www.itu.int/go/fgmv>. If you would like to provide any additional information, please contact Cristina Bueti at tsbfgmv@itu.int.

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Definition of CitiVerse

1 Scope

This Draft Technical Specification contains the definition of CitiVerse.

2 References

The following ITU-T Recommendations and other references contain provisions which, through reference in this text, constitute provisions of this Technical Specification. At the time of publication, the editions indicated were valid. All Recommendations and other references are subject to revision; users of this Technical Specification are therefore encouraged to investigate the possibility of applying the most recent edition of the Recommendations and other references listed below. A list of the currently valid ITU-T Recommendations is regularly published. The reference to a document within this Technical Specification does not give it, as a stand-alone document, the status of a Recommendation.

[[FGMV-20](#)] Technical Specification ITU FGMV-20 (2023), Definition of metaverse.

[[FGMV-21](#)] Technical Report ITU FGMV-21 (2023), Principles for building concepts and definitions related to metaverse.

3 Definitions

This Technical Specification uses the following terms defined elsewhere:

3.1 Terms defined elsewhere

3.1.1 **metaverse [b-FGMV-20]**: An integrative ecosystem of virtual worlds offering immersive experiences to users, that modify pre-existing and create new value from economic, environmental, social and cultural perspectives.

NOTE: A metaverse can be virtual, augmented, representative of, or associated with the physical world.

3.1.2 **urban [b-Webster/urban]**: Of, relating to, characteristic of, or constituting a city.

3.2 Terms defined in this Technical Specification

This Technical Specification defines the following term:

3.2.1 **CitiVerse**: Application of metaverse in urban spaces and populations.

NOTE 1: metaverse is defined as an integrative ecosystem of virtual worlds offering immersive experiences to users, that modify pre-existing and create new value from economic, environmental, social and cultural perspectives [b-FGMV-20].

NOTE 2: Urban is defined as of, relating to, characteristic of, or constituting a city [b-Webster/urban].

NOTE 3: CitiVerse offers unique value relating to cities and city community concerns from administrative and political perspectives.

4 Abbreviations and acronyms

None.

5 Conventions

None.

Bibliography

[b-Webster/urban]

Merriam-Webster, Incorporated. (2024). *Urban Definition & Meaning*. Available [viewed 2024-03-21] at: <https://www.merriam-webster.com/dictionary/urban>
