LYSIS OF THE EMENTATION OF RT CITIES ATIVES IN THEAST GARIA'S DISTRICTS

Tsonkov, Kamen Petrov

sity of National and World
my

CONTENT

Introduction

Smart development methodology framework

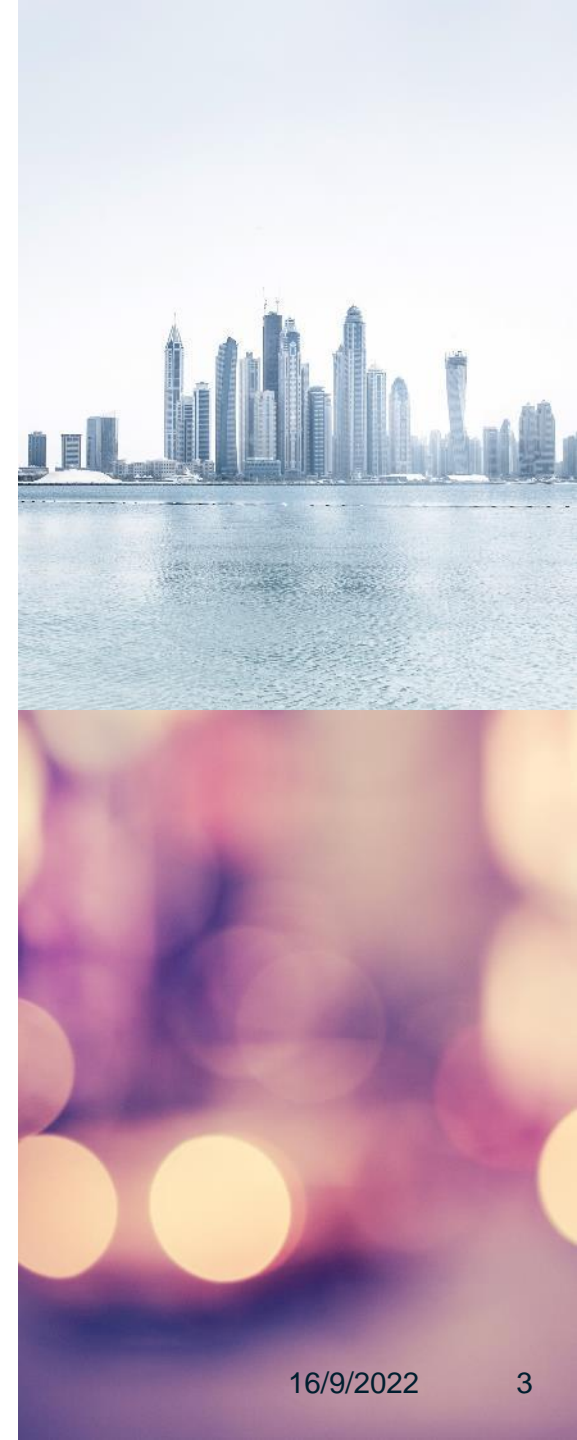**Analysis of the e-services of the municipalities in the Northeast region**

Conclusion

2022 International Conference on Information Technologies (InfoTech-2022), Proceedings of the IEEE Conference, Rec # 55606
15-16 September 2022, Bulgaria

16/9/2022   2

INTRODUCTION

ICT use – the key factor for Bulgarian long term smart development

Smart city integrates modern information and communication technologies with urban systems' management

IoT and wireless networks create conditions for intelligent data collection and management using Multi-Level Smart city architecture

2022 International Conference on Information Technologies (InfoTech-2022), Proceedings of the IEEE Conference, Rec # 55606
15-16 September 2022, Bulgaria

16/9/2022   3

INTRODUCTION

Research methodology includes an analysis of the development of e-services in the municipalities in the Northeast region in the context of a level of Smart city building.

The analysis is performed based on criteria such as – the presence or absence of e-services; the possibility to order and pay for services electronically

The authors compare the pointed cities by analyzing statistical data on business and household access to the internet network, and e-services applications.

2022 International Conference on Information Technologies (InfoTech-2022), Proceedings of the IEEE Conf 55606
15-16 September 2022, Bulgaria

16/9/2022   4

SMART DEVELOPMENT THEORY FRAMEWORK

LITERATURE REVIEW

SMART DEVELOPMENT

THE PUBLIC AUTHORITIES MAY USE THE SMART CITY CONCEPT FOR THE INTELLIGENT DEVELOPMENT OF BULGARIAN CITIES AND LOCAL ADMINISTRATIONS TO FIND SOLUTIONS TO ISSUES RELATED TO THE VIOLATION OF ENVIRONMENTAL COMPONENTS, URBAN GROWTH, MEETING ENERGY NEEDS, AND REDUCING LIVING AND SPACE.

SMART DEVELOPMENT - THEORY

AUTHORS SUCH AS NAM AND PARDO LOOK AT THE SMART CITY IN THREE MAIN ASPECTS: TECHNOLOGY, POPULATION, AND POLITICS

WASHBURN FOCUSES ON THE TRANSFORMATION OF CITIES INTO INTELLIGENT SYSTEMS WITH THE HELP OF INTELLIGENT COMPUTING TECHNOLOGIES

CARAGLIU FOCUSES HIS RESEARCH ON SMART CITIES IN TERMS OF INCREASING ENERGY EFFICIENCY AND ACHIEVING ENVIRONMENTAL SUSTAINABILITY IN CITIES

BATTY IDENTIFIES THAT A SMART CITY COMBINES INFORMATION AND COMMUNICATION TECHNOLOGIES WITH TRADITIONAL INFRASTRUCTURE INTEGRATED THROUGH NEW DIGITAL TECHNOLOGIES

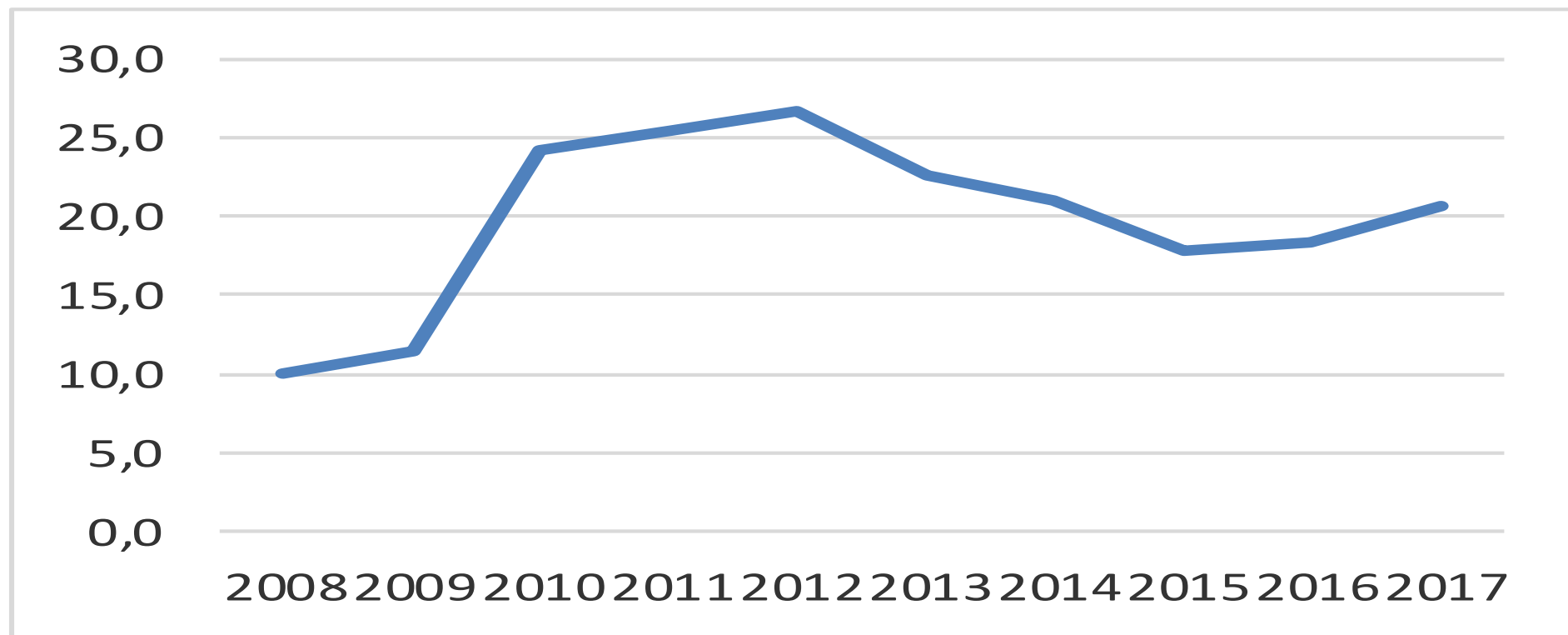# Analysis of the e-services of the municipalities in the Northeast region

STATE AGENCY FOR ELECTRONIC GOVERNMENT HAS DEVELOPED AND IMPLEMENTED A MODEL FOR REQUESTING, PAYING, AND PROVISION OF ELECTRONIC ADMINISTRATIVE SERVICES
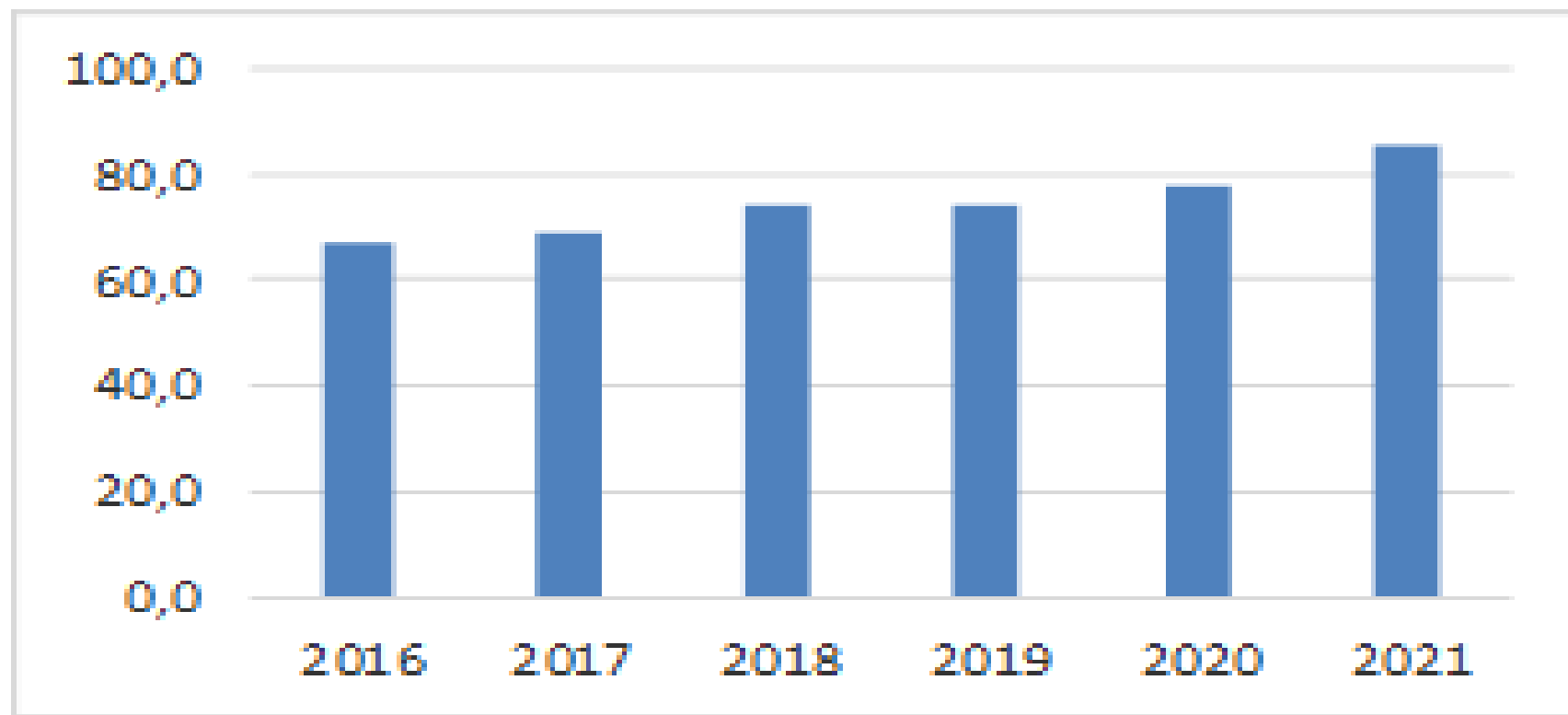
348 ELECTRONIC ADMINISTRATIVE SERVICES

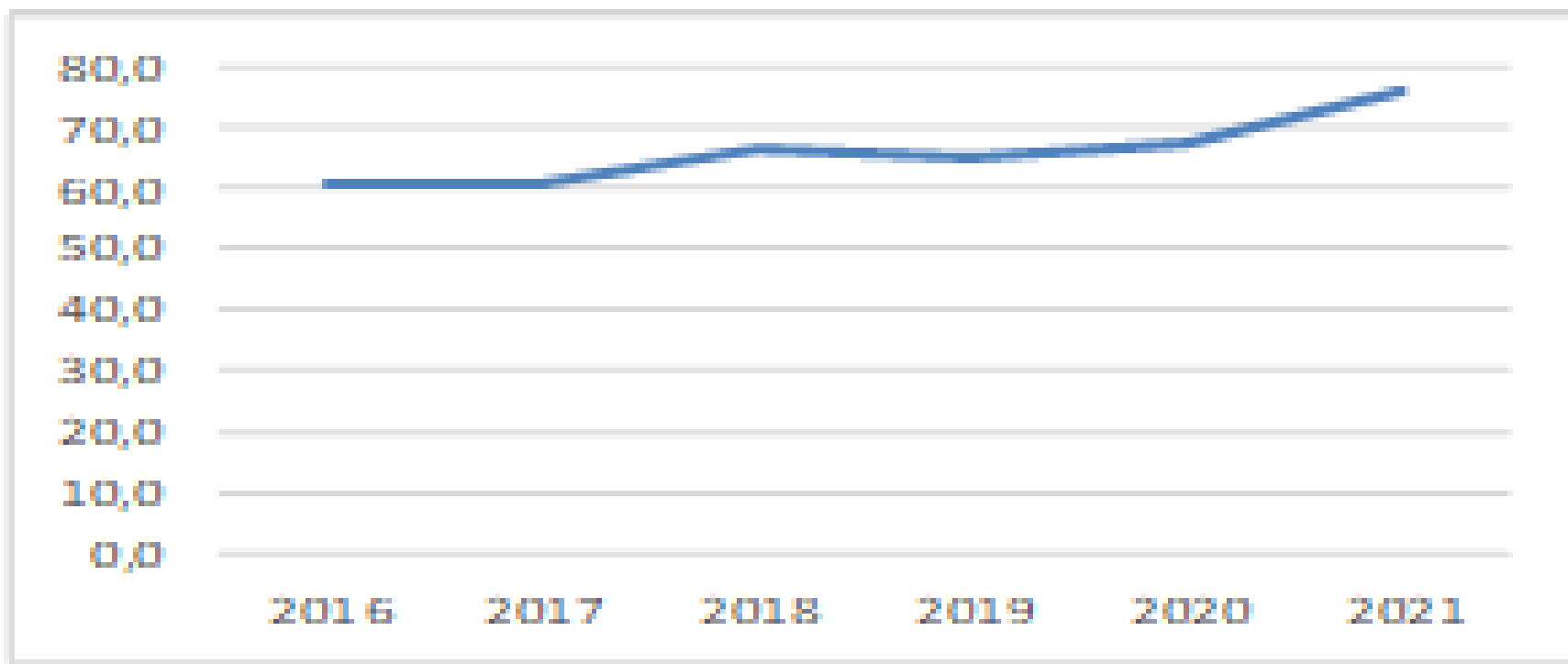*142 ARE PROVIDED BY THE MUNICIPAL ADMINISTRATION*

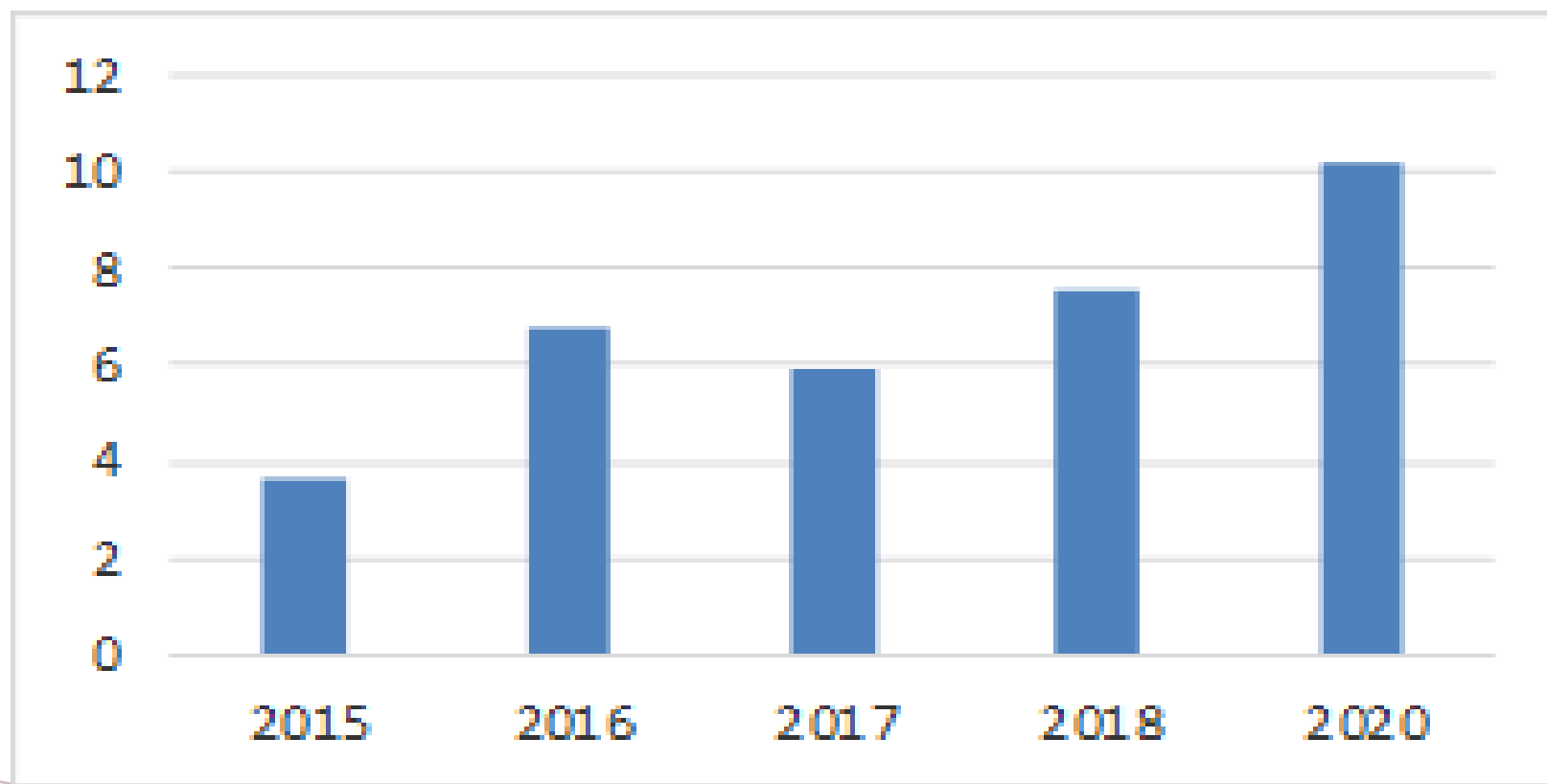# *PERSONS USING THE INTERNET TO INTERACT WITH PUBLIC INSTITUTIONS IN THE LAST TWELVE MONTHS IN BULGARIA*

HOUSEHOLD INTERNET ACCESS IN THE NORTHEAST REGION

PEOPLE WHO USE THE INTERNET REGULARLY (EVERY DAY OR AT LEAST ONCE A WEEK) IN THE NORTHEAST REGION

E-SERVICES DYNAMICS IN DOBRICH MUNICIPALITY

THE WAY TO GET STARTED IS TO QUIT TALKING AND BEGIN DOING.

Walt Disney

2022 International Conference on Information Technologies (InfoTech-2022), Proceedings of the IEEE Conference, Rec # 55606
15-16 September 2022, Bulgaria

16/9/2022   13

CONCLUSION

The development of electronic services in the municipalities in the Northeast Bulgarian region has been developing in recent years. At the same time, the authors' observations show that the implementation of Smart City initiatives is running slowly. This is a paradox because Bulgaria is a state which is characterized by an extremely elevated level of internet accessibility.

2022 International Conference on Information Technologies (InfoTech-2022), Proceedings of the IEEE Conference, Rec # 55606
15-16 September 2022, Bulgaria

16/9/2022   14

THANK YOU

Nikolay Tsonkov and Kamen Petrov

n.tzonkov@unwe.bg

2022 International Conference on Information Technologies (InfoTech-2022), Proceedings of the IEEE
Conference, Rec # 55606
15-16 September 2022, Bulgaria

16/9/2022   15