

Content

Foreword	5
1 TRADING PRIVACY TO EFFICIENCY IN SMART CITIES: A CROSS- CONTINENTAL STUDY OF THE POTENTIAL TO DEPLOY ARTIFICIAL INTELLIGENCE	6
1.1 INTRODUCTION	7
1.2 LITERATURE BACKGROUND	8
1.3 METHODOLOGY	10
1.4 results	11
1.5 CONCLUSION.....	16
2 DEVELOPMENT OF WASTE PRODUCTION AND DISPOSAL IN THE CZECH REPUBLIC AND POSSIBILITIES OF THEIR FURTHER USE	20
2.1 CIRCULAR ECONOMY AND USE OF WASTE	21
2.2 WASTE PRODUCTION AND DISPOSAL IN THE CZECH REPUBLICY	22
2.3 MUNICIPAL WASTE.....	25
2.4 AGRO-FOOD WASTE.....	27
2.5 CONCLUSION.....	30
3 SUSTAINABLE AND CIRCULAR TOURISM	34
3.1 INTRODUCTION	34
3.2 CIRCULAR ECONOMY	35
3.3 TOURISM INDUSTRY IN TRANSITION	37
3.4 WHY CIRCULAR ECONOMY PRINCIPLES TO SUSTAINABLE TOURISM ARE NEEDED TO APPLY	38
3.5 SUSTAINABLE TOURISM FRAMEWORK.....	40
3.6 CIRCULAR TOURISM (CEP-SS).....	48
3.7 SUSTAINABLE AND CIRCULAR TOURISM IN THE CZECH REPUBLIC.....	51
3.8 CONCLUSION.....	54
4 POSSIBLE IMPLEMENTATION OF CIRCULAR TECHNOLOGIES IN THE USE OF ENERGY WASTE IN AGRICULTURAL PRODUCTION WITHIN THE RURAL AREA	58
4.1 INTRODUCTION	59
4.2 ENVIRONMENTAL CONCEPT OF IMPLEMENTATION TENDENCIES OF CIRCULAR TECHNOLOGIES IN ENERGY INDUSTRY	60
4.3 WASTE IN AGRICULTURAL PRODUCTION AS AN ALTERNATIVE SOURCE FOR THE PRODUCTION OF ENERGY COMMODITIES	61
4.4 AGRICULTURE, ENERGY AND CIRCULAR ECONOMY IN THE SUBJECT OF NATIONAL SECURITY INTERESTS.....	62
4.5 THE IMPORTANCE OF SUPPORTING THE DEVELOPMENT OF ENERGY	
4.6 COOPERATIVES IN RURAL AREAS.....	65
4.7 INSTITUTIONAL THEORY OF REGIONAL RURAL DEVELOPMENT TO	

JUSTIFY THE INTRODUCTION OF CIRCULATION TECHNOLOGIES	66
4.8 CONCLUSION	67
Conclusion	71