

TABLE OF CONTENTS

EXECUTIVE SUMMARY	5	3. DEMAND	45
INTRODUCTION	7	3.1 Determinants of demand.....	46
1. GENERAL INFORMATION	8	3.2 Consumption trends- Packaging.....	48
1.1 Industry definition.....	9	3.3 Consumption trends – Vehicles.....	51
1.2 Established categories and waste streams.....	10	3.4 Consumption trends– Vehicles Tires.....	53
2. INSTITUTIONAL FRAMEWORK	11	3.5 Consumption trends – Vehicles and Equipment	
2.1 General institutional framework.....	12	Accumulators	55
2.2 Institutional framework – Green spots.....	20	3.6 Consumption trends – Batteries.....	56
2.3 Institutional framework- Packaging and waste		3.7 Consumption trends – Electrical and	
packaging.....	21	electronical equipment.....	57
2.4 Institutional framework - End Life Cycle		3.8 Consumption trends – Construction.....	59
Vehicles (ELV)	26	4. SUPPLY	60
2.5 Institutional framework – Used vehicles tires.....	30	4.1 Supply structure.....	61
2.6 Institutional framework - Lubricant oils waste....	31	4.2 Approved systems of alternative management..	64
2.7 Institutional framework - Batteries and		4.3 Turnover growth of major companies of the	
accumulators (WB & A) waste.....	33	industry (2014-2018).....	69
2.8 Institutional framework - Electrical and		4.4 Ranking of major companies based on turnover	
Electronic Equipment (WEEE) waste.....	36	2018.....	74
2.9 Institutional framework - Excavation		4.5 Financial analysis of the industry (2011-2018)...	77
Construction & Demolition waste	40	4.6 Groups of companies financial indicators	
2.10 Institutional framework - Hazardous		comparison (2018).....	83
waste.....	42	4.7 Consolidated balance sheet Assets – Liabilities	
2.11 Institutional framework – Cross border		structure.....	85
transfer of waste.....	43	4.8 Companies financial result growth.....	86
2.12 Institutional framework – Highlights.....	44		

TABLE OF CONTENTS

4.9 Comparative assessment of the leading companies' financial indicators (2018).....	90	7.9 USA data – Civil solid waste.....	153
5. VALUATION OF COMPANIES OF THE INDUSTRY..	94	7.10 USA data - Importance of recycling and waste utilization.....	154
5.1 Valuation methodology.....	95	7.11 International transportation of Scrap 2016...	156
5.2 Valuation of companies of the industry (2014-2018).....	96	7.12 Trend in the International Scrap Market.....	157
6. MARKET.....	97	8. CONCLUSIONS-PROSPECTS.....	161
6.1 Characteristics of alternative management per stream.....	99	8.1 SWOT Analysis.....	162
6.2 Domestic market size (2011-2018).....	121	8.2 Main findings – Prospects.....	163
6.3 Cumulative concentration degree	122	APPENDIX	
6.4 Porter's five forces.....	123	Financial indicators of companies of the industry (2011-2018).....	167
7. INTERNATIONAL MARKET.....	130	A. Capital structure and financial leverage indicators.....	168
7.1 Data of EU-28- General facts and figures.....	131	B. Liquidity indicators.....	186
7.2 Data of EU-28– Packaging.....	134	C. Activity indicators.....	195
7.3 Data of EU-28– (End of Life Vehicles “ELV”).....	137	D. Performance indicators.....	213
7.4 Data of EU-28– Tires.....	140	Financial formulas.....	228
7.5 Data of EU-28– Lubricant oils waste.....	144	SOURCES & BIBLIOGRAPHY.....	229
7.6 Data of EU-28 - Batteries and accumulators	146		
7.7 Data of EU-28- “WEEE” Waste Electrical and Electronic Equipment.....	148		
7.8 Data of EU-28- (Construction and Demolition Waste – CDW).....	152		