

Improve waste management practices

Increase collection rate – Romania

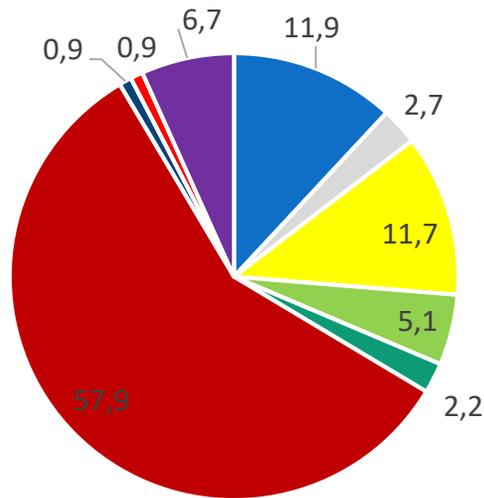
2019 December 11th, Thessaloniki

The context

- Separate collection is mandatory and local authorities are responsible to organize the system
- In 32 counties Integrated Waste Management Systems are implemented using Structural Funds
- Actual results shows initial phase didn't take into account all waste flows and infrastructure for separate collection is not enough, but also that participation of citizens to the system is still low
- Until May 2019 valuable materials have been stolen from municipalities containers (manly packaging waste) by informal collectors and sold to private collectors (data not taken into account for recycling rate of municipal waste)
- Recycling rate of municipal waste is low and with no perspective to be reach until 2020, 14 % recycling municipal rate at national level according EUROSTAT

Waste composition – packaging waste is an important share of the pie

municipal waste composition (%)

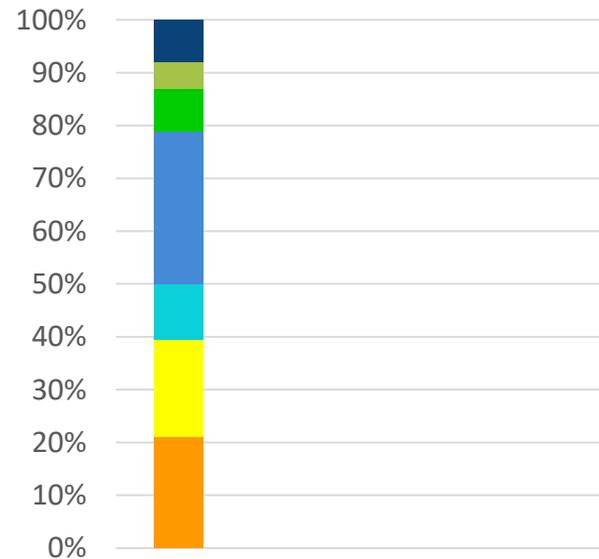


- paper
- metal
- plastic
- glass
- wood
- biowaste
- textile
- bulky
- other

About 50% of recyclable are packaging waste*

* NWMP

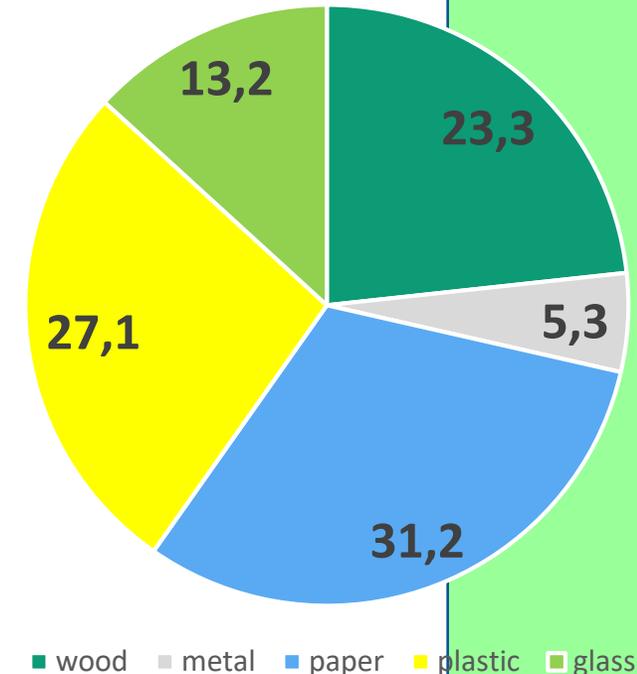
recyclable composition



- plastic PW
- plastic
- paper PW
- paper
- glass PW
- glass
- metal PW
- metal

source: ECOROM study 2012- 2013

packaging waste composition (%)



60% HH and 40% IC - packaging waste*

Setting the scene

- Cooperation with EPR schemes on packaging waste – new legal framework clarify the relation between local authorities and producers organizations (12 PROs)
 - Contract ADI – EPR
 - Distinct flow for HH packaging
 - Acquisition from population is possible – collection points or at sources, but EPR cannot pay subsidy
 - Collectors are obliged to report the quantities of packaging waste to ADI
- Price vs. service quality
- Transparency limited
 - The players are focusing on the “easy coming” volumes
 - Separate collection systems is not working properly
- Pressure due to PPWD (Packaging Directive) and FWD (Framework Directive)
 - Increase the focus on household waste

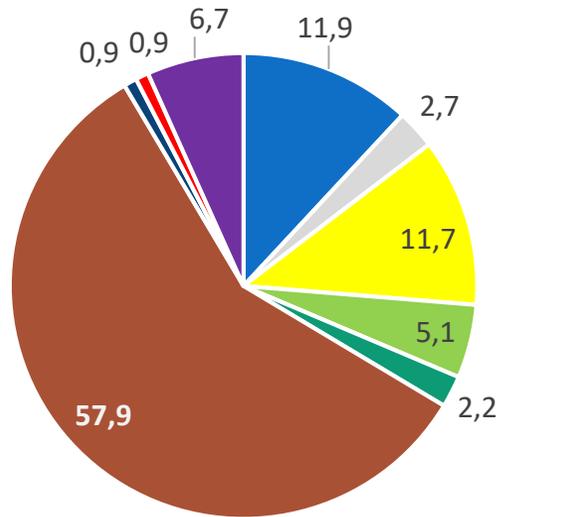
Change the system

- The cost of the separate collection system in rural areas is few times higher than in urban areas
- Public collection points for recyclable waste are available
- Starting second part of 2018 door to door system is applicable in rural areas
- Starting January 2019 PAYT system has been implemented
- Communication campaigns (0.8 euro/ton starting 2019)
- Landfill tax – about 50 lei/ton => min. 42% waste diverted from landfill in 2019 paid by local authorities
- Circular economy contribution => 30 lei /ton for waste sent to landfill in 2019 and 80/ton starting 2020 paid by landfill owners or administrators



The results in rural areas

municipal waste composition (%)



- paper ■ metal ■ plastic ■ glass ■ wood
- biowaste ■ textile ■ bulky ■ other

Study case – 10 villages in Arges county

Data collected: mixt waste and recyclable waste

January – May 2018 and 2019

Results:

Quantity of collected mixed waste decrease in each village (6% - 55%)

Quantity of recyclable was increased in all villages, in some cases the quantity increased 4 times

At county level diverting from landfill is 30%:

- recycling rate is 15%
- 15% from total municipal waste in send to incineration

TRADES (data system)



Prima pagina

Intrare
Intrare-Livrare
Intrare-Transfer
Intrare-Colector
Intrare modificare IC/P
Livrare
Distribuire-OIREP

VIZUALIZARE

Vizualizare UAT
Vizualizare UAT - AFM
Vizualizare intrări
Vizualizare ieșiri
Vizualizare OIREP
Vizualizare procesari
Grafice
Vizualizare CMID

PROCESARE

Comp. Albota
Comp. C de Ag
Comp. Clung
Comp. Costesti
Conc. Albota
PV Albota
PV C de Ag

Vizualizare UAT - AFM

Luna raportare: **Noiembrie**, 2019 ?

Șterge filtre

Export excel

UAT	Cdep	Cval	Crec	Ccol	Lei	Zona
Select...						
ALBESTII DE ARGES APM AFM	381.400	156.237	140.214	677.851	4852	Curtea de Ag-Domnesti
ALBESTII DE MUSCEL APM AFM	74.733	42.776	106.220	223.729	0	Campulung-Rucar
ALBOTA APM AFM	745.692	2.465	5.319	753.476	15434	Pitesti Sud
ANINOASA APM AFM	192.190	119.040	274.467	585.697	0	Curtea de Ag-Domnesti
AREFU APM AFM	201.103	80.675	92.946	374.724	1910	Curtea de Ag-Domnesti
BABANA APM AFM	259.951	7.456	33.665	301.072	4266	Pitesti Nord
BAICULESTI APM AFM	325.673	140.241	126.569	592.483	4040	Curtea de Ag-Domnesti
BALILESTI APM AFM	363.805	98.404	112.884	575.093	4420	Mioveni-Topoloveni
BARASTI APM AFM	58.812	17.049	9.208	85.069	1028	Alte judete
BASCOV APM AFM	1597.147	12.658	74.432	1684.237	31015	Pitesti Nord
BELETI-NEGRESTI APM AFM	161.667	58.422	70.091	290.180	1574	Mioveni-Topoloveni
BEREVOESTI APM AFM	168.718	104.603	222.351	495.672	0	Campulung-Rucar
BIRLA APM AFM	375.688	152.814	86.675	615.177	6432	Costesti
BLAJ APM AFM	6000.524	14.337	72.737	6087.598	123486	Alte judete
BOGATI APM AFM	364.822	103.829	126.460	595.111	4091	Mioveni-Topoloveni
BOTENI APM AFM	168.936	17.368	58.283	244.587	1366	Campulung-Rucar
BOTESTI APM AFM	99.541	19.000	42.680	161.221	687	Mioveni-Topoloveni
BRADU APM AFM	1746.006	8.637	25.486	1780.129	35677	Pitesti Sud

THANK YOU!

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