

DIAGRAM OF TULCEA COUNTY WASTE FLOWS

ZONE 1 – TULCEA

GENERATED WASTE: 49.829 tons/year
 Population: 88.412 inhabitants in 2015 – 88.412 urban area and 0 rural area

SELECTIV WASTE COLLECTION – 46.166 tons/year, of which:

RECYCLABLE WASTE
12.923 tons/year
 Plastic – 4.642 to/y
 Metal –1.545 to/y
 Paper/Cardboard – 4.716 to/y
 Glass – 2.020 to/y

BULKY WASTE COLLECTION
 619 to/y

Biodegradable waste from markets waste – 1.079 to/y

RESIDUAL WASTE – Urban Area – 31.088 tons/year

COMPOSTING ON SITE
 457 tons/year biodegradable from parks

PUBLIC RESIDUAL WASTE COLLECTION
3.663 tons/year
 of which:
 - 3.358 to/y street waste
 - 305 to/y mixed from parks and gardens waste

SORTING STATION TULCEA - Existing
Recyclable waste: 12.923 to/y
 Plastic – 4.642 to/y
 Metal –1.545 to/y
 Paper/Cardboard – 4.716 to/y
 Glass – 2.020 to/y

TO MIHAI BRAVU MBT STATION
 Residual waste - 15.057 to/y
 Biodegradable waste from markets waste – 1.079 to/y

RESIDUAL WASTE – Urban Area
 16.031 tons/year

OUTPUT
 2.020 to/y glass

SORTING REFUSE
 4.057 to/y

OUTPUT
 6.846 to/y – recyclable waste

FROM MBT MIHAI BRAVU
 Covering material
 1.937 to/y

FROM MBT MIHAI BRAVU
OUTPUT MBT STATION
 6.035 to/y

TO TULCEA LANDFILL: 31.722 tons/year

DIAGRAM OF TULCEA COUNTY WASTE FLOWS

ZONE 2 – MIHAI BRAVU

GENERATED WASTE: 24.366 tons/year

Population: 96.802 inhabitants in 2015 – 14.958 urban area and 81.844 rural area

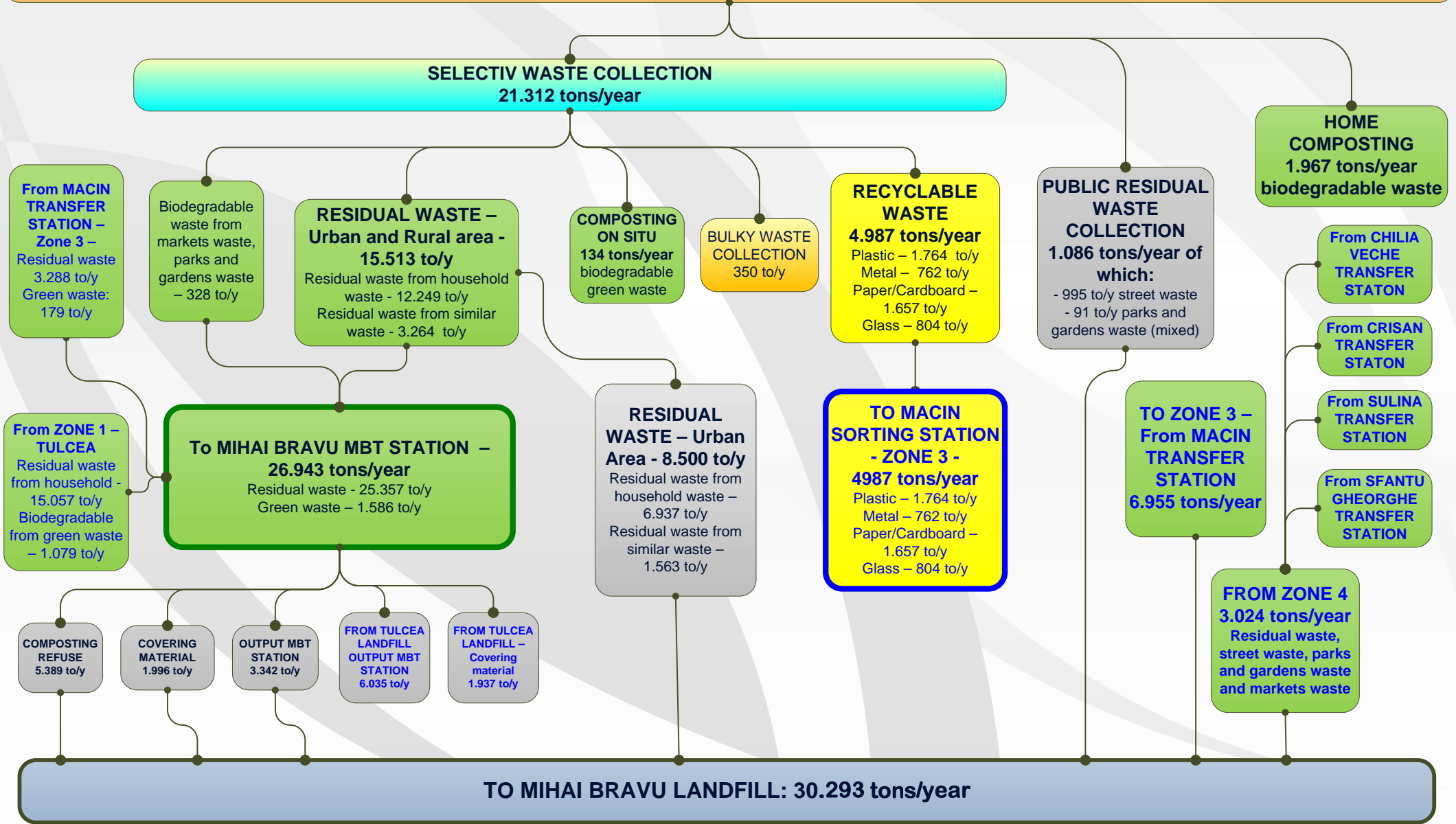


DIAGRAM OF TULCEA COUNTY WASTE FLOWS

ZONE 3 – MĂCIN

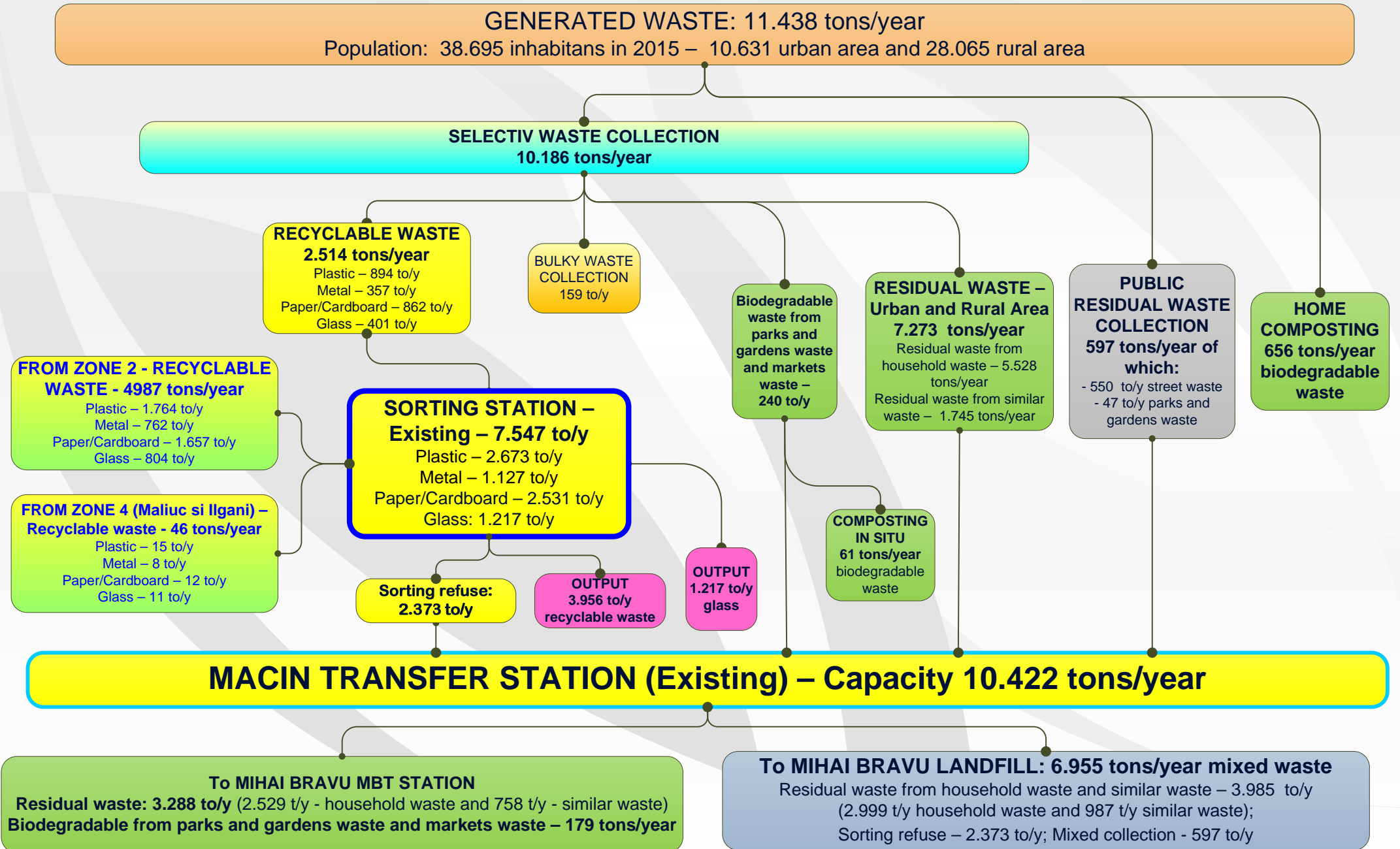


DIAGRAM OF TULCEA COUNTY WASTE FLOWS

ZONE 4 – DELTA DUNĂRII – NAVAL AND ROAD TRANSPORT

GENERATED WASTE: 4.071 tons/year

Population: 11.974 inhabitants in 2015 – din care 4.358 urban area and 7.616 rural area

SELECTIV WASTE COLLECTION
3.466 tons/year

RESIDUAL WASTE – Urban and Rural Area - 2.461 tons/year
Residual waste from household waste – 1.695 to/y
Residual waste from similar waste – 766 to/y

RECYCLABLE WASTE
952 tons/year
Plastic – 329 to/y
Metal – 123 to/y
Paper/Cardboard – 325 to/y
Glass – 174 to/y

BULKY WASTE COLLECTION
53 to/y

PUBLIC RESIDUAL WASTE COLLECTION
301 tons/year of which:
- 205 to/y street waste
- 17 to/y parks and gardens waste
- 78 to/y markets waste

FROM MACIN SORTING STATION - RECYCLABLE WASTE - 10 tons/year (Balteni and Ilgani)

HOME COMPOSTING
303 tons/year biodegradable waste

FROM MACIN SORTING STATION - RECYCLABLE WASTE 35 tons/year (Maliuc)

BALTENI and ILGANI (direct collection) –
Naval Transport – 32 to/y
Residual waste - 29 to/y
Public residual waste collection - 2 to/y
Bulky waste – 1 to/y

MALIUC (direct collection) – Naval Transport – 108 to/y
Residual waste - 98 to/y
Public residual waste collection - 7 to/y
Bulky waste – 3 to/y

COMPOSTING IN SITU (Maliuc, Balteni and Ilgani) 14 tons/year

CHILIA VECHE – Road Transport
TRANSFER STATION - 551 to/y
SORTING STATION - 135 to/y

CRISAN – Naval Transport
TRANSFER STATION - 191 to/y
SORTING STATION - 47 to/y

SFANTU GHEORGHE – Naval Transport
TRANSFER STATION - 123 to/y
SORTING STATION - 30 to/y

SULINA – Naval Transport
TRANSFER STATION - 2.726 to/y
SORTING STATION - 695 to/y

Sorting refuse 38 to/y
OUTPUT 63 to/y recyclable waste
OUTPUT 34 to/y glass
Bulky waste 11 to/y
Residual waste and mixed waste – 400 to/y

Sorting refuse 13 to/y
OUTPUT 22 to/y recyclable waste
OUTPUT 12 to/y glass
Bulky waste 4 to/y
Residual waste and mixed waste – 138 to/y

Sorting refuse 9 to/y
OUTPUT 14 to/y recyclable waste
OUTPUT 7 to/y glass
Bulky waste 2 to/y
Residual waste and mixed waste – 89 to/y

Sorting refuse 216 to/y
OUTPUT 369 to/y recyclable waste
OUTPUT 110 to/y glass
Bulky waste 33 to/y
Residual waste and mixed waste – 1.986 to/y

Bulky waste 4 to/y

Bulky waste 1 to/y

To MIHAI BRAVU LANDFILL: 3.024 tons/year

Values in the year 2015

DIAGRAM OF TULCEA COUNTY WASTE FLOWS TOTAL COUNTY

GENERATED WASTE: 89.704 tons/year

Population: 235.883 inhabitants in 2015 – 118.359 urban area and 117.525 rural area

SELECTIVE WASTE COLLECTION - 80.935 tons/year

GREEN WASTE – 1.586 t/y
Biodegradable waste from parks and gardens waste and markets waste

RESIDUAL WASTE – Urban and Rural area – 56.335 t/y

BULKY WASTE 1.181 t/y

RECYCLABLE WASTE (Paper and Cardboard, Plastic, Metals, Wood) – 21.376 t/y
Plastic – 7.629 t/y
Metal – 2.786 t/y
Paper/Cardboard – 7.561 t/y
Glass – 3.400 t/y

COMPOSTING ON SITE 667 tons/year
biodegradable green waste from parks

HOME COMPOSTING 2.926 t/y
biodegradable waste

PUBLIC RESIDUAL WASTE COLLECTION 5.633 t/y - street waste and mixed waste from parks and gardens waste

To MIHAI BRAVU MBT STATION – 26.943 tons/year
Residual waste - 25.357 t/y
Green waste – 1.586 t/y

RESIDUAL WASTE – 29.392 to/y

MACIN SORTING STATION – Existing – 7.547 to/y
Plastic – 2.673 to/y
Metal – 1.127 to/y
Paper/Cardboard – 2.531 to/y
Glass: 1.217 to/y

SORTING STATION TULCEA – Existing
Recyclable waste: 12.923 to/y
Plastic – 4.642 to/y
Metal – 1.545 to/y
Paper/Cardboard – 4.716 to/y
Glass – 2.020 to/y

CHILIA VECHIE SORTING STATION
Recyclable waste: 135 t/y
Plastic – 42 to/y
Metal – 22 to/y
Paper/Cardboard – 37 to/y
Glass – 34 to/y

CRISAN SORTING STATION
Recyclable waste: 47 t/y
Plastic – 14 to/y
Metal – 8 to/y
Paper/Cardboard – 13 to/y
Glass – 12 to/y

SFINTU GHEORGHE SORTING STATION
Recyclable waste: 30 t/y
Plastic – 9 to/y
Metal – 5 to/y
Paper/Cardboard – 8 to/y
Glass – 8 to/y

SULINA SORTING STATION
Recyclable waste: 580 t/y
Plastic – 247 to/y
Metal – 81 to/y
Paper/Cardboard – 252 to/y
Glass – 110 to/y

COMPOSTING REFUSE 5.389 to/y

COVERING MATERIAL 1.996 to/y

OUTPUT MBT STATION 3.342 to/y

FROM TULCEA LANDFILL OUTPUT MBT STATION 6.036 to/y

FROM TULCEA LANDFILL – Covering material 1.932 to/y

OUTPUT 3.956 t/y - recyclable waste 1.217 t/y - glass waste
Sorting refuse 2.373 t/y

OUTPUT 6.846 t/y - recyclable waste 2.020 t/y - glass waste
Sorting refuse 4.057 t/y

OUTPUT 63 t/y - recyclable waste 34 t/y - glass waste
Sorting refuse 38 t/y

OUTPUT 22 t/y - recyclable waste 12 t/y - glass waste
Sorting refuse 13 t/y

OUTPUT 14 t/y - recyclable waste 7 t/y - glass waste
Sorting refuse 9 t/y

OUTPUT 366 t/y - recyclable waste 109 t/y - glass waste
Sorting refuse 215 t/y

TO MIHAI BRAVU LANDFILL: 30.293 tons/year

TO TULCEA LANDFILL: 31.722 tons/year

Values in the year 2015