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Sadržaj otpada i predviđanja za buduću proizvodnju otpada

TABLICA SADRŽAJA

POPIS TABLICA

1. UVOD

U ovom prilogu nalaze se analitički izračuni i pretpostavke koje su upotrijebljene kako bi se provela analiza prosječnog sadržaja otpada. Osim toga, ovaj prilog sadržava i pretpostavke za ponovni izračun količina glomaznog otpada te analitičke izračune za proizvodnju otpada u Splitsko-dalmatinskoj županiji, uzimajući u obzir srednji scenarij za predviđanja u pogledu stanovništva i brzine proizvodnje otpada po pretovarnoj stanici koje će služiti za potrebe određenih gradova, odnosno općina.

2. MORFOLOŠKI SASTAV MIJEŠANOG KOMUNALNOG OTPADA

Kako je spomenuto u glavnom dijelu teksta, tijekom provedbe projekta provedena su četiri uzorkovanja u sljedećim razdobljima

- 17. – 22. 11. 2014.
- 13.. – 18. 10. 2014.
- 25. – 29. 8. 2014.
- 4. – 9. 8. 2014.

Prije uzorkovanja lokacije odlagališta poredane su prema sljedećim specifikacijama:

1. Postotak obuhvaćanja urbanih i ruralnih regija
2. Ukupna veličina uzorka > 75 % ukupne proizvodnje komunalnog miješanog otpada na promatranom području
3. Uzorkovanje u regijama u kojima se očekuje velika proizvodnja materijala koji je moguće reciklirati
4. Dostupnost svakog odlagališta tijekom razdoblja uzorkovanja.

U skladu s navedenim zahtjevima odabrane su sljedeće lokacije za uzorkovanje:
„Karepovac" – Split, „Stanišće" – Hvar, „Košer" – Brač, „Kozjačić" – Imotski, „Mojanka" – Sinj, „Ajdanovac" – Vrgorac i „Poljanak" – Vrlika. Uzorkovanje je provedeno u razdobljima između 4. i 10. te 25. i 29. kolovoza, 13. i 18. listopada i 17. i 22. studenoga.
Uzorkovanje je provedeno na lokaciji Karepovac tijekom sedam dana, na lokaciji Stanišće tijekom četiri dana, na lokaciji Košer tijekom šest dana, na lokaciji Mojanka tijekom šest dana, na lokaciji Poljanak tijekom jednog dana, na lokaciji Kozjačić tijekom četiri dana te na lokaciji Ajdanovac tijekom četiri dana.
Tijekom izrade plana uzorkovanja uključena su sva urbana područja, odnosno veći gradovi i manja urbana područja (kako je prikazano u prilogu). U plan su stoga uključene sve specifičnosti ispitanog područja kako bi se dobili što realističniji rezultati te kako bi uzorci bili maksimalno reprezentativni.
Uzorkovanje komunalnog otpada u sedam odlagališta obuhvaća približno 86 % stanovništva (391.268) ili približno 88 % komunalnog otpada u županiji (161.130 t). Postotak urbanog stanovništva obuhvatio je približno 78 % i približno 22 % ruralnog. Na temelju tih podataka dodjeljuje se ponderirani faktor izmjerenim vrijednostima komponenti otpada u uzorcima u izračunu postotka svake komponente.
Tijekom pražnjenja vozila i uzorkovanja u obzir je uzeta činjenica da bi uzorak trebao biti maksimalno heterogen na način da je uzet vertikalno, od vrha prema dnu. Reprezentativni uzorak izolirane količine otpada dobiven je metodom četvorenja. Nakon miješanja uzorak se oblikuje u stožastu hrpu koja se zatim spljošćuje i dijeli na četiri jednaka dijela. Dvije nasuprotne četvrtine odvajaju se, a dvije preostale četvrtine ponovno se miješaju. Postupak se ponavlja dok se ne dobije uzorak potrebne veličine. Metodologija je podešena u skladu s Dodatkom 5. Pravilniku o načinima

i uvjetima odlaganja otpada, kategorijama i uvjetima rada za odlagališta otpada (Narodne novine br. 114/15).

Metodologija je osmišljena u skladu s postojećom metodologijom i iskustvom u Europskoj uniji te prilagođena trenutačnim uvjetima u Županiji te društvenoj i gospodarskoj strukturi Županije. Metodologija sortiranja otpada zahtijeva utvrđivanje vrsta otpada, karakteristika različitih vrsta otpada, količine otpada u promatranom uzorku i postotnog udjela različitih vrsta otpada u ukupnoj količini otpada.

Metoda analize otpada može se opisati na sljedeći način:

- Uzorak otpada prenosi se na rešetku gdje se ručno sortira i prosijava kroz tri rešetke, veličine iznad 100 mm, 40 – 100 mm i manje od 40 mm.
- Nakon sortiranja svaka frakcija zasebno se važe. Rezultat analize jest količina otpada u svakoj kategoriji.
- Rezultati se bilježe u poseban obrazac koji sadržava sljedeće podatke: datum uzorkovanja, podrijetlo otpada(županiju iz koje je otpad primljen), ukupnu količinu otpada u kamionu te informacije o neto težini svake frakcije otpada.

U tablici prikazana je količina ukupnog odloženog otpada, gdje je uzorkovanje provedeno, u županiji te količina odloženog komunalnog otpada u 2012. Posljednji stupac predstavlja broj stanovnika obuhvaćenih uzorkovanjem.

Odlagalište	Ukupna količina odloženog otpada(t)	Miješani komunalni otpad(t)	Broj stanovnika
Ajdanovac /Vrgorac/	2968	2968	6501
Košer /Brač/	4902	4298	9891
Karepovac /Split/	121.611	108.618	292.094
Kozjačić /Imotski/	10.350	10.300	26.272
Mojanka /Sinj/	30.724	30.242	48.349
Poljanak /Vrlika/	261	211	2159
Stanišće /Hvar/	4493	4493	4493

2.1. REZULTATI ANALIZE SASTAVA DOBIVENI NA TEMELJU RAZDOBLJA UZORKOVANJA 17. – 22. 11. 2014.

Tablica 1: Analiza sastava otpada (17. – 22. 11. 2014.)

Diapers	4.7%
Metal Fe	2.2%
Metal Al	0.9%
Wood	1.1%
Textile	4.1%
Paper	9.7%
Tetrapak	5.8%
Cardboard	5.1%
Glass	4.4%
Plastics (PVC, PP, HDPE, PET, PS)	8.8%
LDPE bags	5.7%
Other plastics	5.0%
Rubber-Leather	1.1%
Organic waste	19.5%
Garden waste	2.8%
Inert waste	2.0%
Hazardous fraction of municipal waste	1.2%
fraction<20 mm	16.0%
Total	***100.0%***

Tekst iz tablice: - Pelene, - Metal Fe, - Metal Al, - Drvo, - Tekstil, - Papir, - Tetrapak, Karton, Staklo, Plastika (PVC, PP, HDPE, PET, PS), LDPE vrećice, Ostala plastika, Guma – Koža, Organski otpad, Vrtni otpad, Inertni otpad, Opasne frakcije komunalnog otpada, frakcija < 20 mm, Ukupno

Kako bi se utvrdila frakcija otpada < 20 mm koja je predstavljena u prethodnoj tablici, sljedeće pretpostavke uzete su u obzir:

- Pretpostavke u pogledu frakcije < 20 mm prema analizi sastava otpada u Zadarskoj županiji (proljeće 2014.)

Paper and Cardboard	6.5%
Plastics	6.9%
Glass	3.9%
Metal	4.0%
Other waste (earth, dust, sand, undefined)	8.5%
Skin and Bones	1.3%
Garden waste	5.9%
Organic waste	63.0%
Total	***100.0%***

Tekst iz tablice: Papir i karton, Plastika, Staklo, Metal, Ostali otpad (zemlja, prašina, pijesak, nedefinirano), Koža i kosti, Vrtni otpad, Organski otpad, Ukupno

Uzimajući u obzir tu pretpostavku analiza sastava otpada procijenjena je na sljedeći način:

Tablica 2: Ponovna procjena analize sastava otpada (17. – 22. 11. 2014.) uzimajući u obzir pretpostavke za frakciju < 20 mm iz analize sastava otpada u Zadarskoj županiji

Organic waste	29.6%
Garden waste	3.8%
Paper	10.7%
Cardboard	5.1%
Tetrapak	5.8%
Plastics (PVC, PP, HDPE, PET, PS)	8.8%
LDPE bags	5.7%
Other plastics	6.1%
Metals Fe	2.6%
Metals Al	1.1%
Glass	5.0%
Wood	1.1%
Textile	4.1%
Rubber-Leather	1.1%
Bones	0.2%
Inert waste	3.4%
Hazardous fraction of municipal waste	1.2%
Diapers	4.7%
Total	***100.0%***

Organski otpad, Vrtni otpad, Papir, Karton, Plastika (PVC, PP, HDPE, PET, PS), LDPE vrećice, Ostala plastika, Metali Fe, Metali Al, Staklo, Drvo, Tekstil, Guma – Koža, Kosti, Inertni otpad, Opasne frakcije komunalnog otpada, Pelene, Ukupno

- Pretpostavke u pogledu frakcije < 20 mm prema analizi sastava otpada u Šibensko-kninskoj županiji (proljeće 2014.)

Metal	1.0%
Wood	0.2%
Textile/clothing	0.0%
Paper	4.5%
Glass	2.8%
Plastic	1.5%
Rubber	0.0%
Skin/bones	0.2%
Kitchen waste	32.0%
Garden waste	14.8%
Problematic waste-Diapers	0.0%
Other wastes (earth, dust, sand, etc.)	43.0%
Total	***100.0%***

Tekst iz tablice: Metal, Drvo, Tekstil/odjeća, Papir, Staklo, Plastika, Guma, Koža/kosti, Kuhinjski otpad, Vrtni otpad, Problematičan otpad – pelene, Ostali otpad (zemlja, prašina, pijesak itd.), Ukupno

Uzimajući u obzir tu pretpostavku analiza sastava otpada procijenjena je na sljedeći način:

Tablica 3: Ponovna procjena analize sastava otpada (17. – 22. 11. 2014.) uzimajući u obzir pretpostavke za frakciju < 20 mm iz analize sastava otpada u Šibensko-kninskoj županiji

Organic waste	24.6%
Garden waste	5.2%
Paper	10.4%
Cardboard	5.1%
Tetrapak	5.8%
Plastics (PVC, PP, HDPE, PET, PS)	8.8%
LDPE bags	5.7%
Other plastics	5.2%
Metals Fe	2.3%
Metals Al	1.0%
Glass	4.8%
Wood	1.2%
Textile	4.1%
Rubber-Leather	1.1%
Bones	0.0%
Inert waste	8.9%
Hazardous fraction of municipal waste	1.2%
Diapers	4.7%
Total	***100.0%***

Tekst iz tablice: Organski otpad, Vrtni otpad, Papir, Karton, Tetrapak, Plastika (PVC, PP, HDPE, PET, PS), LDPE vrećice, Ostala plastika, Metali Fe, Metali Al, Staklo, Drvo, Tekstil, Guma – Koža, Kosti, Inertni otpad, Opasne frakcije komunalnog otpada, Pelene, Ukupno

- Pretpostavke u pogledu frakcije < 20 mm, srednja vrijednost na temelju studije iz Zadarske i Šibensko-kninske županije

Metal	2.5%
Wood	0.1%
Textile/clothing	0.0%
Paper	5.5%
Glass	3.3%
Plastic	4.2%
Rubber	0.0%
Skin/bones	0.7%
Kitchen waste	47.5%
Garden waste	10.4%
Problematic waste-Diapers	0.0%
Other wastes (earth, dust, sand, etc.)	25.8%
Total	***100.0%***

Tekst iz tablice: Metal, Drvo, Tekstil/odjeća, Papir, Staklo, Plastika, Guma, Koža/kosti, Kuhinjski otpad, Vrtni otpad, Problematičan otpad – pelene, Ostali otpad (zemlja, prašina, pijesak itd.), Ukupno

Uzimajući u obzir tu pretpostavku analiza sastava otpada procijenjena je na sljedeći način:

Tablica 4: Ponovna procjena analize sastava otpada (17. – 22. 11. 2014.) uzimajući u obzir pretpostavke za frakciju < 20 mm, srednja vrijednost iz Zadarske i Šibensko-kninske županije

Organic waste	27.1%
Garden waste	4.5%
Paper	10.6%
Cardboard	5.1%
Tetrapak	5.8%
Plastics (PVC, PP, HDPE, PET, PS)	8.8%
LDPE bags	5.7%
Other plastics	5.6%
Metals Fe	2.5%
Metals Al	1.0%
Glass	4.9%
Wood	1.1%
Textile	4.1%
Rubber-Leather	1.1%
Bones	0.1%
Inert waste	6.2%
Hazardous fraction of municipal waste	1.2%
Diapers	4.7%
Total	***100.0%***

Tekst iz tablice: Organski otpad, Vrtni otpad, Papir, Karton, Tetrapak, Plastika (PVC, PP, HDPE, PET, PS), LDPE vrećice, Ostala plastika, Metali Fe, Metali Al, Staklo, Drvo, Tekstil, Guma – Koža, Kosti, Inertni otpad, Opasne frakcije komunalnog otpada, Pelene, Ukupno

2.2. REZULTATI ANALIZE SASTAVA DOBIVENI NA TEMELJU RAZDOBLJA UZORKOVANJA 13. – 18. 10. 2014.

Tablica 5: Analiza sastava otpada (13. – 18. 10. 2014.)

Metal	3.0%
Wood	2.0%
Textile	7.0%
Paper and cardboard	22.0%
Glass	5.0%
Plastic	21.0%
Rubber	2.0%
Kitchen waste	15.0%
Garden waste	3.0%
Problematic substances (batteries, diapers etc.)	6.0%
fraction<40 mm	14.0%
Total	***100.0%***

Tekst iz tablice: Metal, Drvo, Tekstil, Papir i karton, Staklo, Plastika, Guma, Kuhinjski otpad, Vrtni otpad, Problematične tvari (baterije, pelene itd.), frakcija < 40 mm, Ukupno

Kako bi se utvrdila frakcija otpada < 40 mm koja je predstavljena u prethodnoj tablici, sljedeće pretpostavke uzete su u obzir:

- Pretpostavke u pogledu frakcije < 40 mm prema analizi sastava otpada u Zadarskoj županiji (proljeće 2014.)

Paper and Cardboard	6.5%
Plastics	6.9%
Glass	3.9%
Metal	4.0%
Other waste (earth, dust, sand, undefined)	8.5%
Skin and Bones	1.3%
Garden waste	5.9%
Organic waste	63.0%
Total	***100.0%***

Tekst iz tablice: Papir i karton, Plastika, Staklo, Metal, Ostali otpad (zemlja, prašina, pijesak, nedefinirano), Koža i kosti, Vrtni otpad, Organski otpad, Ukupno

Uzimajući u obzir tu pretpostavku analiza sastava otpada procijenjena je na sljedeći način:

Tablica 6: Ponovna procjena analize sastava otpada (13. – 18. 10. 2014.) uzimajući u obzir pretpostavke za frakciju < 40 mm iz analize sastava otpada u Zadarskoj županiji

Kitchen waste	23.8%
Garden waste	3.8%
Paper and Cardboard	22.9%
Plastics	22.0%
Metals	3.6%
Glass	5.5%
Wood	2.0%
Textile	7.0%
Rubber	2.0%
Skin and Bones	0.2%
Other waste (earth, dust, sand, undefined)	1.2%
Problematic substances (diapers etc.)	6.0%
Total	***100.00%***

Tekst iz tablice: Kuhinjski otpad, Vrtni otpad, Papir i karton, Plastika, Metali, Staklo, Drvo, Tekstil, Guma, Koža i kosti, Ostali otpad (zemlja, prašina, pijesak, nedefinirano), Problematične tvari (pelene itd.), Ukupno

- Pretpostavke u pogledu frakcije < 40 mm prema analizi sastava otpada u Šibensko-kninskoj županiji (proljeće 2014.)

Metal	1.0%
Wood	0.2%
Textile/clothing	0.0%
Paper	4.5%
Glass	2.8%
Plastic	1.5%
Rubber	0.0%
Skin/bones	0.2%
Kitchen waste	32.0%
Garden waste	14.8%
Problematic waste-Diapers	0.0%
Other wastes (earth, dust, sand, etc.)	43.0%
Total	***100.0%***

Tekst iz tablice: Metal, Drvo, Tekstil/odjeća, Papir, Staklo, Plastika, Guma, Koža/kosti, Kuhinjski otpad, Vrtni otpad, Problematične tvari – pelene, Ostali otpad (zemlja, prašina, pijesak itd.), Ukupno

Uzimajući u obzir tu pretpostavku analiza sastava otpada procijenjena je na sljedeći način:

Tablica 7: Ponovna procjena analize sastava otpada (13. – 18. 10. 2014.) uzimajući u obzir pretpostavke za frakciju < 40 mm iz analize sastava otpada u Šibensko-kninskoj županiji

Kitchen waste	19.5%
Garden waste	5.1%
Paper and Cardboard	22.6%
Plastics	21.2%
Metals	3.1%
Glass	5.4%
Wood	2.0%
Textile	7.0%
Rubber	2.0%
Skin and Bones	0.0%
Other waste (earth, dust, sand, undefined)	6.0%
Problematic substances (diapers etc.)	6.0%
Total	***100.00%***

Tekst iz tablice: Kuhinjski otpad, Vrtni otpad, Papir i karton, Plastika, Metali, Staklo, Drvo, Tekstil, Guma, Koža i kosti, Ostali otpad (zemlja, prašina, pijesak, nedefinirano), Problematične tvari (pelene itd.), Ukupno

- Pretpostavke u pogledu frakcije < 40 mm, srednja vrijednost na temelju studije iz Zadarske i Šibensko-kninske županije

Metal	2.5%
Wood	0.1%
Textile/clothing	0.0%
Paper	5.5%
Glass	3.3%
Plastic	4.2%
Rubber	0.0%
Skin/bones	0.7%
Kitchen waste	47.5%
Garden waste	10.4%
Problematic waste-Diapers	0.0%
Other wastes (earth, dust, sand, etc.)	25.8%
Total	***100.0%***

Tekst iz tablice: Metal, Drvo, Tekstil/odjeća, Papir, Staklo, Plastika, Guma, Koža/kosti, Kuhinjski otpad, Vrtni otpad, Problematičan otpad – pelene, Ostali otpad (zemlja, prašina, pijesak itd.), Ukupno

Uzimajući u obzir tu pretpostavku analiza sastava otpada procijenjena je na sljedeći način:

Tablica 8: Ponovna procjena analize sastava otpada (13. – 18. 10. 2014.) uzimajući u obzir pretpostavke za frakciju < 40 mm, srednja vrijednost iz Zadarske i Šibensko-kninske županije

Kitchen waste	21.6%
Garden waste	4.5%
Paper and Cardboard	22.8%
Plastics	21.6%
Metals	3.4%
Glass	5.5%
Wood	2.0%
Textile	7.0%
Rubber	2.0%
Skin and Bones	0.1%
Other waste (earth, dust, sand, undefined)	3.6%
Problematic substances (diapers etc.)	6.0%
Total	***100.00%***

Tekst iz tablice: Kuhinjski otpad, Vrtni otpad, Papir i karton, Plastika, Metali, Staklo, Drvo, Tekstil, Guma, Koža i kosti, Ostali otpad (zemlja, prašina, pijesak, nedefinirano), Problematične tvari (pelene itd.), Ukupno

2.3. REZULTATI ANALIZE SASTAVA DOBIVENI NA TEMELJU RAZDOBLJA UZORKOVANJA 25. – 29. 8. 2014.

Tablica 9: Analiza sastava otpada (25. – 29. 8. 2014.)

Metal	3.0%
Wood	1.0%
Textile	6.0%
Paper and cardboard	21.0%
Glass	5.0%
Plastic	23.0%
Rubber	3.0%
Kitchen waste	15.0%
Garden waste	5.0%
Problematic substances (batteries, diapers etc.)	4.0%
fraction<40 mm	14.0%
Total	***100.0%***

Tekst iz tablice: Metal, Drvo, Tekstil, Papir i karton, Staklo, Plastika, Guma, Kuhinjski otpad, Vrtni otpad, Problematične tvari (baterije, pelene itd.), frakcija < 40 mm, Ukupno

Kako bi se utvrdila frakcija otpada < 40 mm koja je predstavljena u prethodnoj tablici, sljedeće pretpostavke uzete su u obzir:

- Pretpostavke u pogledu frakcije < 40 mm prema analizi sastava otpada u Zadarskoj županiji (proljeće 2014.)

Paper and Cardboard	6.5%
Plastics	6.9%
Glass	3.9%
Metal	4.0%
Other waste (earth, dust, sand, undefined)	8.5%
Skin and Bones	1.3%
Garden waste	5.9%
Organic waste	63.0%
Total	***100.0%***

Tekst iz tablice: Papir i karton, Plastika, Staklo, Metal, Ostali otpad (zemlja, prašina, pijesak, nedefinirano), Koža i kosti, Vrtni otpad, Kuhinjski otpad, Organski otpad, Ukupno

Uzimajući u obzir tu pretpostavku analiza sastava otpada procijenjena je na sljedeći način:

Tablica 10: Ponovna procjena analize sastava otpada (25. – 29. 8. 2014.) uzimajući u obzir pretpostavke za frakciju < 40 mm iz analize sastava otpada u Zadarskoj županiji

Kitchen waste	23.8%
Garden waste	5.8%
Paper and Cardboard	21.9%
Plastics	24.0%
Metals	3.6%
Glass	5.5%
Wood	1.0%
Textile	6.0%
Rubber	3.0%
Bones	0.2%
Construction waste	1.2%
Problematic substances (batteries, diapers etc.)	4.0%
Total	***100.0%***

Tekst iz tablice: Kuhinjski otpad, Vrtni otpad, Papir i karton, Plastika, Metali, Staklo, Drvo, Tekstil, Guma, Kosti, Građevinski otpad, Problematične tvari (baterije, pelene itd.), Ukupno

- Pretpostavke u pogledu frakcije < 40 mm prema analizi sastava otpada u Šibensko-kninskoj županiji (proljeće 2014.)

Metal	1.0%
Wood	0.2%
Textile/clothing	0.0%
Paper	4.5%
Glass	2.8%
Plastic	1.5%
Rubber	0.0%
Skin/bones	0.2%
Kitchen waste	32.0%
Garden waste	14.8%
Problematic waste-Diapers	0.0%
Other wastes (earth, dust, sand, etc.)	43.0%
Total	***100.0%***

Tekst iz tablice: Metal, Drvo, Tekstil/odjeća, Papir, Staklo, Plastika, Guma, Koža/kosti, Kuhinjski otpad, Vrtni otpad, Problematičan otpad – pelene, Ostali otpad (zemlja, prašina, pijesak itd.), Ukupno

Uzimajući u obzir tu pretpostavku analiza sastava otpada procijenjena je na sljedeći način:

Tablica 11: Ponovna procjena analize sastava otpada (25. – 29. 8. 2014.) uzimajući u obzir pretpostavke za frakciju < 40 mm iz analize sastava otpada u Šibensko-kninskoj županiji

Kitchen waste	19.5%
Garden waste	7.1%
Paper and Cardboard	21.6%
Plastics	23.2%
Metals	3.1%
Glass	5.4%
Wood	1.0%
Textile	6.0%
Rubber	3.0%
Bones	0.0%
Construction waste	6.0%
Problematic substances (batteries, diapers etc.)	4.0%
Total	***100.0%***

Tekst iz tablice: Kuhinjski otpad, Vrtni otpad, Papir i karton, Plastika, Metali, Staklo, Drvo, Tekstil, Guma, Kosti, Građevinski otpad, Problematične tvari (baterije, pelene itd.), Ukupno

- Pretpostavke u pogledu frakcije < 40 mm, srednja vrijednost na temelju studije iz Zadarske i Šibensko-kninske županije

Metal	2.5%
Wood	0.1%
Textile/clothing	0.0%
Paper	5.5%
Glass	3.3%
Plastic	4.2%
Rubber	0.0%
Skin/bones	0.7%
Kitchen waste	47.5%
Garden waste	10.4%
Problematic waste-Diapers	0.0%
Other wastes (earth, dust, sand, etc.)	25.8%
Total	***100.0%***

Tekst iz tablice: Metal, Drvo, Tekstil/odjeća, Papir, Staklo, Plastika, Guma, Koža/kosti, Kuhinjski otpad, Vrtni otpad, Problematičan otpad – pelene, Ostali otpad (zemlja, prašina, pijesak itd.), Ukupno

Uzimajući u obzir tu pretpostavku analiza sastava otpada procijenjena je na sljedeći način:

Tablica 12: Ponovna procjena analize sastava otpada (25. – 29. 8. 2014.) uzimajući u obzir pretpostavke za frakciju < 40 mm, srednja vrijednost iz Zadarske i Šibensko-kninske županije

Kitchen waste	21.6%
Garden waste	6.5%
Paper and Cardboard	21.8%
Plastics	23.6%
Metals	3.4%
Glass	5.5%
Wood	1.0%
Textile	6.0%
Rubber	3.0%
Bones	0.1%
Construction waste	3.6%
Problematic substances (batteries, diapers etc.)	4.0%
Total	***100.0%***

Tekst iz tablice: Kuhinjski otpad, Vrtni otpad, Papir i karton, Plastika, Metali, Staklo, Drvo, Tekstil, Guma, Kosti, Građevinski otpad, Problematične tvari (baterije, pelene itd.), Ukupno

2.4. REZULTATI ANALIZE SASTAVA DOBIVENI NA TEMELJU RAZDOBLJA UZORKOVANJA 4. – 9. 8. 2014.

Tablica 13: Analiza sastava otpada (04. – 9. 8. 2014.)

Metal	5.0%
Wood	2.0%
Textile	7.0%
Paper and cardboard	25.0%
Glass	6.0%
Plastic	22.0%
Rubber	3.0%
Kitchen waste	10.0%
Garden waste	4.0%
Problematic substances (batteries, diapers etc.)	5.0%
fraction<40 mm	11.0%
Total	***100.0%***

Tekst iz tablice: Metal, Drvo, Tekstil, Papir i karton, Staklo, Plastika, Guma, Kuhinjski otpad, Vrtni otpad, Problematične tvari (baterije, pelene itd.), frakcija < 40 mm, Ukupno

Kako bi se utvrdila frakcija otpada < 40 mm koja je predstavljena u prethodnoj tablici, sljedeće pretpostavke uzete su u obzir:

- Pretpostavke u pogledu frakcije < 40 mm prema analizi sastava otpada u Zadarskoj županiji (proljeće 2014.)

Paper and Cardboard	6.5%
Plastics	6.9%
Glass	3.9%
Metal	4.0%
Other waste (earth, dust, sand, undefined)	8.5%
Skin and Bones	1.3%
Garden waste	5.9%
Organic waste	63.0%
Total	***100.0%***

Tekst iz tablice: Papir i karton, Plastika, Staklo, Metal, Ostali otpad (zemlja, prašina, pijesak, nedefinirano), Koža i kosti, Vrtni otpad, Kuhinjski otpad, Organski otpad, Ukupno

Uzimajući u obzir tu pretpostavku analiza sastava otpada procijenjena je na sljedeći način:

Tablica 14: Ponovna procjena analize sastava otpada (4. – 9. 8. 2014.) uzimajući u obzir pretpostavke za frakciju < 40 mm iz analize sastava otpada u Zadarskoj županiji

Kitchen waste	16.9%
Garden waste	4.6%
Paper and Cardboard	25.7%
Plastics	22.8%
Metals	5.4%
Glass	6.4%
Wood	2.0%
Textile	7.0%
Rubber	3.0%
Bones	0.1%
Construction waste	0.9%
Problematic substances (batteries, diapers etc.)	5.0%
Total	***100.0%***

Tekst iz tablice: Kuhinjski otpad, Vrtni otpad, Papir i karton, Plastika, Metali, Staklo, Drvo, Tekstil, Guma, Kosti, Građevinski otpad, Problematične tvari (baterije, pelene itd.), Ukupno

- Pretpostavke u pogledu frakcije < 40 mm prema analizi sastava otpada u Šibensko-kninskoj županiji (proljeće 2014.)

Metal	1.0%
Wood	0.2%
Textile/clothing	0.0%
Paper	4.5%
Glass	2.8%
Plastic	1.5%
Rubber	0.0%
Skin/bones	0.2%
Kitchen waste	32.0%
Garden waste	14.8%
Problematic waste-Diapers	0.0%
Other wastes (earth, dust, sand, etc.)	43.0%
Total	***100.0%***

Tekst iz tablice: Metal, Drvo, Tekstil/odjeća, Papir, Staklo, Plastika, Guma, Koža/kosti, Kuhinjski otpad, Vrtni otpad, Problematičan otpad – pelene, Ostali otpad (zemlja, prašina, pijesak itd.), Ukupno

Uzimajući u obzir tu pretpostavku analiza sastava otpada procijenjena je na sljedeći način:

Kitchen waste	13.5%
Garden waste	5.6%
Paper and Cardboard	25.5%
Plastics	22.2%
Metals	5.1%
Glass	6.3%
Wood	2.0%
Textile	7.0%
Rubber	3.0%
Bones	0.0%
Construction waste	4.7%
Problematic substances (batteries, diapers etc.)	5.0%
Total	***100.0%***

Tekst iz tablice: Kuhinjski otpad, Vrtni otpad, Papir i karton, Plastika, Metali, Staklo, Drvo, Tekstil, Guma, Kosti, Građevinski otpad, Problematične tvari (baterije, pelene itd.), Ukupno

- Pretpostavke u pogledu frakcije < 40 mm, srednja vrijednost na temelju studije iz Zadarske i Šibensko-kninske županije

Metal	2.5%
Wood	0.1%
Textile/clothing	0.0%
Paper	5.5%
Glass	3.3%
Plastic	4.2%
Rubber	0.0%
Skin/bones	0.7%
Kitchen waste	47.5%
Garden waste	10.4%
Problematic waste-Diapers	0.0%
Other wastes (earth, dust, sand, etc.)	25.8%
Total	***100.0%***

Tekst iz tablice: Metal, Drvo, Tekstil/odjeća, Papir, Staklo, Plastika, Guma, Koža/kosti, Kuhinjski otpad, Vrtni otpad, Problematičan otpad – pelene, Ostali otpad (zemlja, prašina, pijesak itd.), Ukupno

Uzimajući u obzir tu pretpostavku analiza sastava otpada procijenjena je na sljedeći način:

Tablica 15: Ponovna procjena analize sastava otpada (04. – 9. 8. 2014.) uzimajući u obzir pretpostavke za frakciju < 40 mm, srednja vrijednost iz Zadarske i Šibensko-kninske županije

Kitchen waste	15.2%
Garden waste	5.1%
Paper and Cardboard	25.6%
Plastics	22.5%
Metals	5.3%
Glass	6.4%
Wood	2.0%
Textile	7.0%
Rubber	3.0%
Bones	0.1%
Construction waste	2.8%
Problematic substances (batteries, diapers etc.)	5.0%
Total	***100.0%***

Tekst iz tablice: Kuhinjski otpad, Vrtni otpad, Papir i karton, Plastika, Metali, Staklo, Drvo, Tekstil, Guma, Kosti, Građevinski otpad, Problematične tvari (baterije, pelene itd.), Ukupno

2.5. SAŽETAK ANALIZE SASTAVA OTPADA DOBIVENOG NA TEMELJU ČETIRIJU RAZDOBLJA UZORKOVANJA

Tablice u nastavku jesu tablice sa sažecima koje predstavljaju četiri analize sastava otpada (uključujući pretpostavke predstavljene u prethodnim odjeljcima) te uključuju i srednju vrijednost dobivenu na temelju analize sastava otpada koja je provedena u razdobljima uzorkovanja 4. –9. 8. 2014. i 25. – 29. 8. 2014.

Tablica 16: Tablica sažetka koja u obzir uzima frakcije < 20 mm i < 40 mm iz analize sastava otpada u Zadarskoj županiji

	4-9/8/2014	25-29/8/2014	13-18/10/2014	*Mean value 25-29/8/2014 & 13-18/10/2014*	17-22/11/2014
Kitchen waste	16.9%	23.8%	23.8%	*23.8%*	29.6%
Garden waste	4.6%	5.8%	3.8%	*4.8%*	3.8%
Paper and Cardboard	25.7%	21.9%	22.9%	*22.4%*	21.6%
Plastics	22.8%	24.0%	22.0%	*23.0%*	20.6%
Metals	5.4%	3.6%	3.6%	*3.6%*	3.7%
Glass	6.4%	5.5%	5.5%	*5.5%*	5.0%
Wood	2.0%	1.0%	2.0%	*1.5%*	1.1%
Textile	7.0%	6.0%	7.0%	*6.5%*	4.1%
Rubber	3.0%	3.0%	2.0%	*2.5%*	1.1%
Skin and bones	0.1%	0.2%	0.2%	*0.2%*	0.2%
Other waste (earth, dust, sand, undefined)	0.9%	1.2%	1.2%	*1.2%*	3.4%
Problematic substances (diapers, batteries, etc)	5.0%	4.0%	6.0%	*5.0%*	5.9%
Total	**100.0%**	**100.0%**	**100.0%**	***100.0%***	**100.0%**

Tekst iz tablice: Srednja vrijednost

Kuhinjski otpad, Vrtni otpad, Papir i karton, Plastika, Metali, Staklo, Drvo, Tekstil, Guma, Kosti i koža, Ostali otpad (zemlja, prašina, pijesak, nedefinirano), Problematične tvari (pelene, baterije itd.), Ukupno

Uzimajući u obzir činjenicu da je analiza sastava otpada za razdoblje uzorkovanja 17. – 22. 11. 2015. detaljnije opisana, prethodna tablica može se predstaviti na sljedeći način

Tablica 17: Tablica sažetka s detaljima koja u obzir uzima frakcije < 20 mm i < 40 mm iz analize sastava otpada u Zadarskoj županiji

	4-9/8/2014	25-29/8/2014	13-18/10/2014	*Mean value 25-29/8/2014 & 13-18/10/2014*	17-22/11/2014
Organic waste (kitchen waste)	16.9%	23.8%	23.8%	*23.8%*	29.6%
Garden waste	4.6%	5.8%	3.8%	*4.8%*	3.8%
Paper	12.8%	10.9%	11.4%	*11.2%*	10.7%
Cardboard	6.0%	5.1%	5.4%	*5.3%*	5.1%
Tetrapak	6.9%	5.9%	6.1%	*6.0%*	5.8%
Plastics (PVC, PP, HDPE, PET, PS)	9.7%	10.3%	9.4%	*9.8%*	8.8%
LDPE bags	6.3%	6.6%	6.1%	*6.4%*	5.7%
Other plastics	6.7%	7.1%	6.5%	*6.8%*	6.1%
Metals Fe	3.8%	2.5%	2.5%	*2.5%*	2.6%
Metals Al	1.6%	1.0%	1.0%	*1.0%*	1.1%
Glass	6.4%	5.5%	5.5%	*5.5%*	5.0%
Wood	2.0%	1.0%	2.0%	*1.5%*	1.1%
Textile	7.0%	6.0%	7.0%	*6.5%*	4.1%
Rubber-Leather	3.0%	3.0%	2.0%	*2.5%*	1.1%
Bones	0.1%	0.2%	0.2%	*0.2%*	0.2%
Other waste (earth, dust, sand, undefined)	0.9%	1.2%	1.2%	*1.2%*	3.4%
Hazardous fraction of municipal waste	1.0%	0.8%	1.2%	*1.0%*	1.2%
Diapers	4.0%	3.2%	4.8%	*4.0%*	4.7%
Total	***100.0%***	***100.0%***	***100.0%***	***100.0%***	***100.0%***

Tekst iz tablice: Srednja vrijednost

Organski otpad (kuhinjski otpad), Vrtni otpad, Papir, Karton, Tetrapak, Plastika (PVC, PP, HDPE, PET, PS), LDPE vrećice, Ostala plastika, Metali Fe, Metali Al, Staklo, Drvo, Tekstil, Guma – Koža, Kosti, Ostali otpad (zemlja, prašina, pijesak, nedefinirano), Opasne frakcije komunalnog otpada, Pelene, Ukupno

Napomena: crveno označeni postoci izračunani su uzimajući u obzir analizu razdoblja 17. – 22. 11. 2014.

Tablica 18: Tablica sažetka koja u obzir uzima frakcije < 20 mm i < 40 mm iz analize sastava otpada u Šibensko-kninskoj županiji

	4-9/8/2014	25-29/8/2014	13-18/10/2014	*Mean value 25-29/8/2014 & 13-18/10/2014*	17-22/11/2014
Kitchen waste	13.5%	19.5%	19.5%	*19.5%*	24.6%
Garden waste	5.6%	7.1%	5.1%	*6.1%*	5.2%
Paper and Cardboard	25.5%	21.6%	22.6%	*22.1%*	21.3%
Plastics	22.2%	23.2%	21.2%	*22.2%*	19.7%
Metals	5.1%	3.1%	3.1%	*3.1%*	3.3%
Glass	6.3%	5.4%	5.4%	*5.4%*	4.8%
Wood	2.0%	1.0%	2.0%	*1.5%*	1.2%
Textile	7.0%	6.0%	7.0%	*6.5%*	4.1%
Rubber	3.0%	3.0%	2.0%	*2.5%*	1.1%
Skin and bones	0.0%	0.0%	0.0%	*0.0%*	0.0%
Other waste (earth, dust, sand, undefined)	4.7%	6.0%	6.0%	*6.0%*	8.9%
Problematic substances (diapers, batteries, etc)	5.0%	4.0%	6.0%	*5.0%*	5.9%
Total	**100.0%**	**100.0%**	**100.0%**	***100.0%***	**100.0%**

Tekst iz tablice: Srednja vrijednost

Kuhinjski otpad, Vrtni otpad, Papir i karton, Plastika, Metali, Staklo, Drvo, Tekstil, Guma, Kosti i koža, Ostali otpad (zemlja, prašina, pijesak, nedefinirano), Problematične tvari (pelene, baterije itd.), Ukupno

Tablica 19: Tablica sažetka s detaljima koja u obzir uzima frakcije < 20 mm i < 40 mm iz analize sastava otpada u Šibensko-kninskoj županiji

	4-9/8/2014	25-29/8/2014	13-18/10/2014	*Mean value 25-29/8/2014 & 13-18/10/2014*	17-22/11/2014
Organic waste (kitchen waste)	13.5%	19.5%	19.5%	*19.5%*	24.6%
Garden waste	5.6%	7.1%	5.1%	*6.1%*	5.2%
Paper	12.5%	10.6%	11.1%	*10.8%*	10.4%
Cardboard	6.1%	5.1%	5.4%	*5.3%*	5.1%
Tetrapak	6.9%	5.9%	6.2%	*6.0%*	5.8%
Plastics (PVC, PP, HDPE, PET, PS)	9.9%	10.4%	9.5%	*9.9%*	8.8%
LDPE bags	6.4%	6.7%	6.1%	*6.4%*	5.7%
Other plastics	5.9%	6.1%	5.6%	*5.9%*	5.2%
Metals Fe	3.6%	2.2%	2.2%	*2.2%*	2.3%
Metals Al	1.5%	0.9%	0.9%	*0.9%*	1.0%
Glass	6.3%	5.4%	5.4%	*5.4%*	4.8%
Wood	2.0%	1.0%	2.0%	*1.5%*	1.2%
Textile	7.0%	6.0%	7.0%	*6.5%*	4.1%
Rubber-Leather	3.0%	3.0%	2.0%	*2.5%*	1.1%
Bones	0.0%	0.0%	0.0%	*0.0%*	0.0%
Other waste (earth, dust, sand, undefined)	4.7%	6.0%	6.0%	*6.0%*	8.9%
Hazardous fraction of municipal waste	1.0%	0.8%	1.2%	*1.0%*	1.2%
Diapers	4.0%	3.2%	4.8%	*4.0%*	4.7%
Total	***100.0%***	***100.0%***	***100.0%***	***100.0%***	***100.0%***

Tekst iz tablice: Srednja vrijednost

Organski otpad (kuhinjski otpad), Vrtni otpad, Papir, Karton, Tetrapak, Plastika (PVC, PP, HDPE, PET, PS), LDPE vrećice, Ostala plastika, Metali Fe, Metali Al, Staklo, Drvo, Tekstil, Guma – Koža, Kosti, Ostali otpad (zemlja, prašina, pijesak, nedefinirano), Opasne frakcije komunalnog otpada, Pelene, Ukupno

Napomena: crveno označeni postoci izračunani su uzimajući u obzir analizu razdoblja 17. – 22. 11. 2014.

Tablica 20: Tablica sažetka koja u obzir uzima frakcije < 20 mm i < 40 mm iz srednjih vrijednosti analize sastava otpada u Šibensko-kninskoj i Zadarskoj županiji

	4-9/8/2014	25-29/8/2014	13-18/10/2014	*Mean value 25-29/8/2014 & 13-18/10/2014*	17-22/11/2014
Kitchen waste	15.2%	21.6%	21.6%	*21.6%*	27.1%
Garden waste	5.1%	6.5%	4.5%	*5.5%*	4.5%
Paper and Cardboard	25.6%	21.8%	22.8%	*22.3%*	21.4%
Plastics	22.5%	23.6%	21.6%	*22.6%*	20.1%
Metals	5.3%	3.4%	3.4%	*3.4%*	3.5%
Glass	6.4%	5.5%	5.5%	*5.5%*	4.9%
Wood	2.0%	1.0%	2.0%	*1.5%*	1.1%
Textile	7.0%	6.0%	7.0%	*6.5%*	4.1%
Rubber	3.0%	3.0%	2.0%	*2.5%*	1.1%
Skin and bones	0.1%	0.1%	0.1%	*0.1%*	0.1%
Other waste (earth, dust, sand, undefined)	2.8%	3.6%	3.6%	*3.6%*	6.2%
Problematic substances (diapers, batteries, etc)	5.0%	4.0%	6.0%	*5.0%*	5.9%
Total	**100.0%**	**100.0%**	**100.0%**	***100.0%***	**100.0%**

Tekst iz tablice: Srednja vrijednost

Kuhinjski otpad, Vrtni otpad, Papir i karton, Plastika, Metali, Staklo, Drvo, Tekstil, Guma, Kosti i koža, Ostali otpad (zemlja, prašina, pijesak, nedefinirano), Problematične tvari (pelene, baterije itd.), Ukupno

Tablica 21: Tablica sažetka s detaljima koja u obzir uzima frakcije < 20 mm i < 40 mm iz srednjih vrijednosti analize sastava otpada u Šibensko-kninskoj i Zadarskoj županiji

	4-9/8/2014	25-29/8/2014	13-18/10/2014	*Mean value 25-29/8/2014 & 13-18/10/2014*	17-22/11/2014
Organic waste (kitchen waste)	15.2%	21.6%	21.6%	*21.6%*	27.1%
Garden waste	5.1%	6.5%	4.5%	*5.5%*	4.5%
Paper	12.5%	10.7%	11.2%	*10.9%*	10.6%
Cardboard	6.1%	5.2%	5.4%	*5.3%*	5.1%
Tetrapak	7.0%	5.9%	6.2%	*6.1%*	5.8%
Plastics (PVC, PP, HDPE, PET, PS)	10.0%	10.5%	9.6%	*10.1%*	8.8%
LDPE bags	6.5%	6.8%	6.2%	*6.5%*	5.7%
Other plastics	5.9%	6.2%	5.7%	*6.0%*	5.6%
Metals Fe	3.7%	2.4%	2.4%	*2.4%*	2.5%
Metals Al	1.5%	1.0%	1.0%	*1.0%*	1.0%
Glass	6.4%	5.5%	5.5%	*5.5%*	4.9%
Wood	2.0%	1.0%	2.0%	*1.5%*	1.1%
Textile	7.0%	6.0%	7.0%	*6.5%*	4.1%
Rubber-Leather	3.0%	3.0%	2.0%	*2.5%*	1.1%
Bones	0.1%	0.1%	0.1%	*0.1%*	0.1%
Other waste (earth, dust, sand, undefined)	2.8%	3.6%	3.6%	*3.6%*	6.2%
Hazardous fraction of municipal waste	1.0%	0.8%	1.2%	*1.0%*	1.2%
Diapers	4.0%	3.2%	4.8%	*4.0%*	4.7%
Total	***100.0%***	***100.0%***	***100.0%***	***100.0%***	***100.0%***

Tekst iz tablice: Srednja vrijednost, Organski otpad (kuhinjski otpad), Vrtni otpad, Papir, Karton, Tetrapak, Plastika (PVC, PP, HDPE, PET, PS), LDPE vrećice, Ostala plastika, Metali Fe, Metali Al, Staklo, Drvo, Tekstil, Guma – Koža, Kosti, Ostali otpad (zemlja, prašina, pijesak, nedefinirano), Opasne frakcije komunalnog otpada, Pelene, Ukupno

Napomena: crveno označeni postoci izračunani su uzimajući u obzir analizu razdoblja 17. – 22. 11. 2014.

2.6. KONAČNI REZULTATI ANALIZE SASTAVA OTPADA

Kako bi se procijenila analiza prosječnog sastava otpada koja će se upotrijebiti u daljnjim izračunima projekta, u obzir su uzete sljedeće pretpostavke u pogledu udjela svakog razdoblja uzorkovanja u ukupnoj godini:

- Analiza sastava otpada u razdoblju 4. – 9. 8. 2014.: udio 25 %
- Analiza sastava otpada u razdoblju 25. – 9. 8. 2014 i 13. – 18. 10. 2014.: udio 50 %
- Analiza sastava otpada u razdoblju 17. – 22. 11. 2014.: udio 25 %

U skladu s navedenim pretpostavkama dobiveni su sljedeći rezultati:

Tablica 22: Analiza prosječnog sastava otpada za Splitsko-dalmatinsku županiju uzimajući u obzir pretpostavke iz Izvješća o analizi za Zadarsku županiju te pretpostavke u pogledu dijeljenja svakog razdoblja uzorkovanja

	Average waste composition
Kitchen waste	23.5%
Garden waste	4.5%
Paper and Cardboard	23.0%
Plastics	22.3%
Metals	4.1%
Glass	5.6%
Wood	1.5%
Textile	6.0%
Rubber	2.3%
Skin and bones	0.2%
Other waste (earth, dust, sand, undefined)	1.7%
Problematic substances (diapers, batteries, etc)	5.2%
Total	**100.0%**

Tekst iz tablice: Prosječni sadržaj otpada

Kuhinjski otpad, Vrtni otpad, Papir i karton, Plastika, Metali, Staklo, Drvo, Tekstil, Guma, Koža i kosti, Ostali otpad (zemlja, prašina, pijesak, nedefinirano), Problematične tvari (pelene, baterije itd.), Ukupno

Tablica 23: Analiza prosječnog sastava otpada s detaljima za Splitsko-dalmatinsku županiju uzimajući u obzir pretpostavke iz Izvješća o analizi za Zadarsku županiju te pretpostavke u pogledu dijeljenja svakog razdoblja uzorkovanja

	Average waste composition
Organic waste (kitchen waste)	23.5%
Garden waste	4.5%
Paper	11.5%
Cardboard	5.4%
Tetrapak	6.2%
Plastics (PVC, PP, HDPE, PET, PS)	9.5%
LDPE bags	6.2%
Other plastics	6.6%
Metals Fe	2.9%
Metals Al	1.2%
Glass	5.6%
Wood	1.5%
Textile	6.0%
Rubber-Leather	2.3%
Bones	0.2%
Other waste (earth, dust, sand, undefined)	1.7%
Hazardous fraction of municipal waste	1.0%
Diapers	4.2%
Total	***100.0%***

Tekst iz tablice: Prosječni sastav otpada

Organski otpad (kuhinjski otpad), Vrtni otpad, Papir, Karton, Tetrapak, Plastika (PVC, PP, HDPE, PET, PS), LDPE vrećice, Ostala plastika, Metali Fe, Metali Al, Staklo, Drvo, Tekstil, Guma – Koža, Kosti, Ostali otpad (zemlja, prašina, pijesak, nedefinirano), Opasne frakcije komunalnog otpada, Pelene, Ukupno

Napomena: crveno označeni postoci izračunani su uzimajući u obzir analizu razdoblja 17. – 22. 11. 2014.

Tablica 24: Analiza prosječnog sastava otpada za Splitsko-dalmatinsku županiju uzimajući u obzir pretpostavke iz Izvješća o analizi za Šibensko-kninsku županiju te pretpostavke u pogledu dijeljenja svakog razdoblja uzorkovanja

	Average waste composition
Kitchen waste	19.3%
Garden waste	5.7%
Paper and Cardboard	22.7%
Plastics	21.6%
Metals	3.7%
Glass	5.5%
Wood	1.6%
Textile	6.0%
Rubber	2.3%
Skin and bones	0.0%
Other waste (earth, dust, sand, undefined)	6.4%
Problematic substances (diapers, batteries, etc)	5.2%
Total	**100.0%**

Tekst iz tablice: Prosječni sadržaj otpada

Kuhinjski otpad, Vrtni otpad, Papir i karton, Plastika, Metali, Staklo, Drvo, Tekstil, Guma, Koža i kosti, Ostali otpad (zemlja, prašina, pijesak, nedefinirano), Problematične tvari (pelene, baterije itd.), Ukupno

Tablica 25: Analiza prosječnog sastava otpada s detaljima za Splitsko-dalmatinsku županiju uzimajući u obzir pretpostavke iz Izvješća o analizi za Šibensko-kninsku županiju te pretpostavke u pogledu dijeljenja svakog razdoblja uzorkovanja

	Average waste composition
Organic waste (kitchen waste)	19.3%
Garden waste	5.7%
Paper	11.1%
Cardboard	5.4%
Tetrapak	6.2%
Plastics (PVC, PP, HDPE, PET, PS)	9.6%
LDPE bags	6.2%
Other plastics	5.7%
Metals Fe	2.6%
Metals Al	1.1%
Glass	5.5%
Wood	1.6%
Textile	6.0%
Rubber-Leather	2.3%
Bones	0.0%
Other waste (earth, dust, sand, undefined)	6.4%
Hazardous fraction of municipal waste	1.0%
Diapers	4.2%
Total	***100.0%***

Tekst iz tablice: Prosječni sastav otpada

Organski otpad (kuhinjski otpad), Vrtni otpad, Papir, Karton, Tetrapak, Plastika (PVC, PP, HDPE, PET, PS), LDPE vrećice, Ostala plastika, Metali Fe, Metali Al, Staklo, Drvo, Tekstil, Guma – Koža, Kosti, Ostali otpad (zemlja, prašina, pijesak, nedefinirano), Opasne frakcije komunalnog otpada, Pelene, Ukupno

Napomena: crveno označeni postoci izračunani su uzimajući u obzir analizu razdoblja 17. – 22. 11. 2014.

Tablica 26: Analiza prosječnog sastava otpada za Splitsko-dalmatinsku županiju uzimajući u obzir pretpostavke iz srednje vrijednosti iz Izvješća o analizi za Šibensko-kninsku i Zadarsku županiju te pretpostavke u pogledu dijeljenja svakog razdoblja uzorkovanja

	Average waste composition
Kitchen waste	21.4%
Garden waste	5.1%
Paper and Cardboard	22.9%
Plastics	21.9%
Metals	3.9%
Glass	5.6%
Wood	1.5%
Textile	6.0%
Rubber	2.3%
Skin and bones	0.1%
Other waste (earth, dust, sand, undefined)	4.0%
Problematic substances (diapers, batteries, etc)	5.2%
Total	**100.0%**

Tekst iz tablice: Prosječni sadržaj otpada

Kuhinjski otpad, Vrtni otpad, Papir i karton, Plastika, Metali, Staklo, Drvo, Tekstil, Guma, Koža i kosti, Ostali otpad (zemlja, prašina, pijesak, nedefinirano), Problematične tvari (pelene, baterije itd.), Ukupno

Tablica 27: Analiza prosječnog sastava otpada s detaljima za Splitsko-dalmatinsku županiju uzimajući u obzir pretpostavke iz srednje vrijednosti iz Izvješća o analizi za Šibensko-kninsku i Zadarsku županiju te pretpostavke u pogledu dijeljenja svakog razdoblja uzorkovanja

	Average waste composition
Organic waste (kitchen waste)	21.4%
Garden waste	5.1%
Paper	11.3%
Cardboard	5.4%
Tetrapak	6.2%
Plastics (PVC, PP, HDPE, PET, PS)	9.6%
LDPE bags	6.2%
Other plastics	6.1%
Metals Fe	2.7%
Metals Al	1.1%
Glass	5.6%
Wood	1.5%
Textile	6.0%
Rubber-Leather	2.3%
Bones	0.1%
Other waste (earth, dust, sand, undefined)	4.0%
Hazardous fraction of municipal waste	1.0%
Diapers	4.2%
Total	***100.0%***

Tekst iz tablice: Prosječni sastav otpada

Organski otpad (kuhinjski otpad), Vrtni otpad, Papir, Karton, Tetrapak, Plastika (PVC, PP, HDPE, PET, PS), LDPE vrećice, Ostala plastika, Metali Fe, Metali Al, Staklo, Drvo, Tekstil, Guma – Koža, Kosti, Ostali otpad (zemlja, prašina, pijesak, nedefinirano), Opasne frakcije komunalnog otpada, Pelene, Ukupno

Napomena: crveno označeni postoci izračunani su uzimajući u obzir analizu razdoblja 17. – 22. 11. 2014.

Analiza sastava otpada koja je predstavljena u tablicama 27. i 28. predstavlja analizu sastava otpada za Splitsko-dalmatinsku županiju koja će se upotrijebiti u daljnjim izračunima.

3. IZRAČUNI UKUPNE PROIZVODNJE KOMUNALNOG OTPADA U SPLITSKO-DALMATINSKOJ ŽUPANIJI PO PRETOVARNOJ STANICI

Uzimajući u obzir činjenicu da će prijevoz otpada do Centra za gospodarenje otpadom biti proveden putem pretovarnih stanica koje će služiti za potrebe određenih gradova, odnosno općina, za precizniji izračun prognoze do 2047. provedeno je dijeljenje svakog grada/općine u 6 pretovarnih stanica. U sljedećoj tablici prikazano je dijeljenje svakog grada/općine u Splitsko-dalmatinskoj županiji u 6 pretovarnih stanica.

Tablica 28: Pregled pretovarnih stanica

Pretovarne stanice	Gradovi/općine kojima će pretovarne stanice služiti	Procjena stanovništva za 2015. (stalno)	Turistička noćenja (prema Državnom zavodu za statistiku za godinu 2015.)	Turistička noćenja (prema Državnom zavodu za statistiku za godinu 2016.)
Izravno u CGO	Trogir	13.223	391.071	440.886
	Seget	4741	600.006	694.526
	Okrug	3600	641.927	557.687
	Marina	4673	264.598	293.680
	Ukupno	**26.237**	**1.897.602**	**1.986.779**
Split	Split	173.109	1.339.598	1.717.396
	Kaštela	40.586	277.370	356.895
	Solin	25.564	32.079	46.129
	Dugopolje	3.782	29.399	34.272
	Podstrana	10.862	483.055	497.943
	Omiš	14.798	759.457	829.440
	Dugi Rat	7060	243.977	300.006
	Zadvarje	301	1000	1485
	Šestanovac	1769	1137	5087
	Klis	5020	0	5747
	Šolta	2050	109.159	128.344
	Ukupno	**284.901**	**3.276.231**	**3.922.744**
Sinj	Sinj	24.617	15.764	14.803
	Hrvace	3150	915	2124
	Dicmo	2867	3085	4686
	Trilj	8621	11.812	13.128
	Otok	5253	0	1664
	Vrlika	1930	0	0
	Ukupno	**46.438**	**31.576**	**36.405**
Zagvozd	Grad Imotski	10587	8769	13.382
	Vrgorac	5911	6192	5623
	Baška Voda	2883	982.762	1.050.319
	Brela	1714	568.889	583.081
	Makarska	14.217	1.115.435	1.346.104
	Tučepi	1991	664.133	677.623
	Podgora	2508	892.369	919.825
	Cista Provo	1992	1500	2966

Pretovarne stanice	Gradovi/općine kojima će pretovarne stanice služiti	Procjena stanovništva za 2015. (stalno)	Turistička noćenja (prema Državnom zavodu za statistiku za godinu 2015.)	Turistička noćenja (prema Državnom zavodu za statistiku za godinu 2016.)
	Lovreč	1442	0	457
	Lokvičići	665	0	0
	Proložac	3464	0	4003
	Podbablje	4428	0	7840
	Zmijavci	1957	0	5024
	Runovići	2243	0	711
	Zagvozd	1006	0	3241
	Gradac	3077	899.090	870.751
	Ukupno	**60.085**	**5.149.139**	**5.490.949**
Brač	Pučišća	2153	23.444	25.579
	Nerežišća	890	0	9157
	Selca	1802	73.342	86.774
	Bol	1751	562.052	655.864
	Sutivan	907	91.554	101.343
	Postira	1582	86.643	121.925
	Milna	1161	61.910	74.725
	Supetar	4362	498.962	633.256
	Ukupno	**14.608**	**1.397.907**	**1.708.623**
Vis	Vis	2035	139.030	161.978
	Komiža	1524	74.864	102.767
	Ukupno	3559	213.894	264.745
Hvar	Stari Grad	2867	196.508	210.189
	Hvar	4440	586.538	655.868
	Jelsa	3691	472.582	546.286
	Sućuraj	500	66.590	56.759
	Ukupno	**11.498**	**1.322.218**	**1.469.102**
Izravno u CGO	Muć	3738	0	480
	Lećevica	471	238	651
	Prgomet	579	0	182
	Primorski Dolac	727	0	230
	Ukupno	**5515**	**238**	**1543**
UKUPNO		**452.841**	**13.288.805**	**14.880.891**

Na temelju podataka koji su predstavljeni u prethodnoj tablici, pretpostavki koje su uzete u obzir za predviđanja u pogledu stanovništva (stalno i sezonsko) te predviđanja u pogledu proizvodnje otpada (izračunana na temelju najgoreg scenarija) dobiveni su sljedeći rezultati:

Tablica 29: Predviđena proizvodnja komunalnog otpada za gradove/općine Trogir, Seget, Okrug i Marina

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	Average 2011-2048
Permanent population	26,237	26,232	26,227	26,220	26,214	26,211	26,206	26,198	26,188	26,074	26,007	25,958	25,908	25,858	25,810	25,761	25,712	25,642	25,573	25,502	25,432	25,363	25,293	25,248	25,182	25,116	25,051	25,000	24,882	24,799	24,712	24,619	24,564						
Tourist nights	2,182,242	2,284,796	2,199,788	2,214,894	2,288,481	2,372,024	2,490,577	2,529,125	2,607,673	2,686,221	2,764,769	2,843,316	2,921,864	3,000,412	3,078,960	3,157,508	3,236,056	3,314,605	3,388,153	3,471,890	3,550,247	3,628,795	3,707,343	3,785,890	3,864,438	3,942,986	4,021,534	4,100,082	4,178,630	4,257,177	4,335,725	4,414,273	4,492,821						
Seasonal population	5,970	6,260	5,993	6,048	6,284	6,499	6,714	6,929	7,144	7,360	7,575	7,790	8,005	8,220	8,436	8,651	8,866	9,081	9,296	9,512	9,727	9,942	10,157	10,372	10,588	10,803	11,018	11,233	11,448	11,663	11,878	12,094	12,309						
Total population	32,216	32,491	32,080	32,290	32,500	32,709	32,919	33,085	33,250	33,416	33,582	33,747	33,912	34,078	34,245	34,412	34,578	34,728	34,875	35,023	35,172	35,321	35,470	35,620	35,769	35,919	36,069	36,219	36,329	36,462	36,590	36,713	36,873						
Waste production t	28,108	28,133	27,823	27,791	27,961	27,464	27,496	27,242	27,125	27,048	26,971	26,894	26,818	26,742	26,667	26,592	26,517	26,602	26,687	26,772	26,857	26,942	27,027	27,112	27,197	27,282	27,367	27,452	27,537	27,622	27,707	27,792	27,877						
Kg/co/year	862	857	866	848	861	834	837	820	819	810	803	801	790	785	781	773	766	766	765	764	763	762	761	760	759	758	757	756	755	754	753	752	751						785

Tekst iz tablice: Prosječno

Stalno stanovništvo, Broj turističkih noćenja, Sezonsko stanovništvo, Ukupno stanovništvo, Proizvodnja otpada t, kg/co/god.

Tablica 30: Predviđanja u pogledu proizvodnje komunalnog otpada za gradove/općine kojima će služiti pretovarna stanica Split

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	Average 2011-2048
Permanent population (corresponds to TS Split)	284,901	284,944	284,787	284,730	284,673	284,616	284,559	284,089	283,479	282,940	282,403	281,866	281,331	280,796	280,263	279,730	279,199	278,433	277,748	277,027	276,308	275,588	274,871	274,157	273,444	272,733	272,024	271,099	270,177	269,259	268,343	267,431	266,522						
Tourist nights	3,767,466	3,931,154	4,218,131	4,571,218	4,519,325	4,685,392	4,838,478	4,993,565	5,148,652	5,303,738	5,458,825	5,613,912	5,768,999	5,924,085	6,079,172	6,234,259	6,389,346	6,544,432	6,699,519	6,854,606	7,009,693	7,164,779	7,319,866	7,474,953	7,630,039	7,785,126	7,940,213	8,095,300	8,250,386	8,405,473	8,560,560	8,715,647	8,870,733						
Seasonal population	18,813	19,908	19,557	19,980	15,408	12,851	15,256	13,681	14,106	14,531	14,956	15,381	15,805	16,230	16,655	17,080	17,505	17,930	18,355	18,780	19,205	19,630	20,054	20,479	20,904	21,329	21,754	22,179	22,604	23,029	23,454	23,878	24,303						
Total population	295,218	297,203	296,344	296,712	297,078	297,447	297,815	297,705	297,585	297,471	297,358	297,247	297,135	297,027	296,918	296,810	296,704	296,463	296,226	295,808	295,511	295,217	294,925	294,636	294,348	294,062	293,778	293,278	292,781	292,287	291,797	291,309	290,825						
Waste production t	131,621	131,355	129,119	128,571	127,507	126,449	125,795	124,755	124,132	123,612	123,074	122,536	121,997	121,458	120,871	120,508	120,538	120,616	120,725	120,834	120,944	121,056	121,167	121,280	121,393	121,507	121,621	121,459	121,480	121,725	121,762	121,800	121,843						125,609

Tekst iz tablice: Prosječno

Stalno stanovništvo za PS Split, Broj turističkih noćenja, Sezonsko stanovništvo, Ukupno stanovništvo, Proizvodnja otpada t, kg/co/god.

Tablica 31: Predviđanja u pogledu proizvodnje komunalnog otpada za gradove/općine kojima će služiti pretovarna stanica Sinj

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	Average 2011-2048
Permanent population (corresponds to TS Sinj)	46,498	46,429	46,410	46,418	46,490	46,392	46,382	46,294	46,206	46,118	46,031	45,943	45,856	45,769	45,682	45,595	45,509	45,422	45,272	45,154	45,037	44,920	44,803	44,687	44,571	44,455	44,339	44,188	44,038	43,888	43,738	43,588	43,442						
Tourist nights	38,813	41,866	39,146	40,586	42,325	43,484	44,904	46,348	47,782	49,221	50,661	52,100	53,539	54,979	56,418	57,857	59,296	60,736	62,175	63,614	65,054	66,493	67,932	69,372	70,811	72,250	73,688	75,129	76,568	78,007	79,447	80,886	82,325						
Seasonal population	99	119	107	111	119	109	123	117	131	135	139	143	147	151	155	159	163	168	172	176	178	180	186	190	194	198	202	206	210	214	218	222	226						
Total population	46,597	46,548	46,527	46,521	46,516	46,511	46,505	46,411	46,337	46,253	46,170	46,086	46,003	45,920	45,837	45,754	45,671	45,557	45,443	45,329	45,215	45,100	44,989	44,877	44,765	44,653	44,541	44,394	44,248	44,102	43,957	43,811	43,668						
Waste production t	21,806	21,872	21,863	21,752	21,943	21,736	21,727	21,719	21,638	21,602	21,567	21,532	21,496	21,461	21,426	21,390	21,355	21,320	21,284	21,249	21,214	21,178	21,143	21,108	21,073	21,037	21,002	20,966	20,931	20,895	20,860	20,825	20,789						
Kg/co/year	468	469	474	470	465	466	468	468	470	469	467	466	467	467	467	467	467	468	469	469	469	469	470	470	470	470	470	472	472	472	472	472	472						29,610

Tekst iz tablice: Prosječno

Stalno stanovništvo za PS Sinj, Broj turističkih noćenja, Sezonsko stanovništvo, Ukupno stanovništvo, Proizvodnja otpada t, kg/co/god.

Tablica 32: Predviđanja u pogledu proizvodnje komunalnog otpada za gradove/općine kojima će služiti pretovarna stanica Zagvozd

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	Average 2011-2048
Permanent population (corresponds to TS Zagvozd)	40,085	40,073	40,061	40,049	40,037	40,025	40,017	39,898	39,781	39,672	39,559	39,447	39,334	39,227	39,094	38,967	38,729	38,577	38,424	38,272	38,121	37,969	37,819	37,669	37,518	37,368	37,219	36,980	36,799	36,597	36,491	36,259							
Tourist nights	5,501,510	6,214,541	5,864,424	6,121,911	6,358,347	6,555,683	6,772,798	6,989,893	7,206,941	7,424,038	7,641,134	7,858,230	8,075,326	8,291,371	8,508,458	8,726,544	8,945,631	9,160,717	9,377,803	9,594,889	9,811,975	10,029,061	10,246,148	10,463,234	10,680,320	10,897,406	11,114,492	11,331,578	11,548,664	11,765,751	11,982,837	12,199,923	12,417,009						
Seasonal population	16,223	17,100	16,177	16,771	17,246	17,961	18,558	19,150	19,745	20,340	20,935	21,528	22,124	22,719	23,314	23,906	24,501	25,098	25,691	26,287	26,882	27,477	28,072	28,665	29,261	29,856	30,451	31,045	31,640	32,235	32,830	33,424	34,019						
Total population	76,308	77,173	76,237	76,820	77,483	77,986	78,568	79,048	79,526	80,011	80,493	80,974	81,456	81,938	82,420	82,903	83,330	83,837	84,260	84,712	85,135	85,588	86,041	86,491	86,940	87,375	87,820	88,220	88,620	89,021	89,421	89,815	90,218						
Waste production t	22,848	22,851	22,515	22,398	22,186	26,953	26,791	26,069	26,042	26,121	26,202	26,084	25,967	25,850	25,733	25,617	25,656	25,679	25,702	25,725	25,748	25,771	25,795	25,820	25,844	25,869	25,893	25,907	25,915	25,923	25,931	25,939	25,947						
Kg/co/year	299	296	295	292	291	346	342	329	327	327	326	322	319	316	313	309	308	306	305	304	302	301	300	299	298	297	296	294	293	292	291	290	289						25,610

Tekst iz tablice: Prosječno

Stalno stanovništvo za PS Zagvozd, Broj turističkih noćenja, Sezonsko stanovništvo, Ukupno stanovništvo, Proizvodnja otpada t, kg/co/god.

Tablica 33: Predviđanja u pogledu proizvodnje komunalnog otpada za gradove/općine kojima će služiti pretovarna stanica Brač

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	Average 2011-2048
Permanent population (corresponds to TS Brač)	14,808	14,803	14,802	14,799	14,799	14,793	14,790	14,783	14,777	14,707	14,480	14,472	14,415	14,358	14,300	14,243	14,278	14,241	14,204	14,167	14,130	14,094	14,057	14,021	13,984	13,948	13,900	13,853	13,808	13,759	13,712	13,664							
Tourist nights	1,867,589	1,994,916	1,837,284	1,904,855	1,972,286	2,038,937	2,107,488	2,175,039	2,242,589	2,310,140	2,377,691	2,445,241	2,512,792	2,580,344	2,647,895	2,715,446	2,782,997	2,850,547	2,918,098	2,985,649	3,053,200	3,120,751	3,188,301	3,255,852	3,323,403	3,390,954	3,458,505	3,526,056	3,593,607	3,661,158	3,728,708	3,796,260	3,863,810						
Seasonal population	4,404	5,280	5,034	5,218	5,404	5,589	5,739	5,959	6,144	6,328	6,513	6,698	6,884	7,069	7,254	7,440	7,625	7,810	7,995	8,180	8,365	8,550	8,735	8,920	9,105	9,290	9,475	9,660	9,845	10,031	10,216	10,401	10,586						
Total population	19,212	19,988	19,836	19,818	20,082	20,182	20,364	20,522	20,678	20,897	20,984	21,162	21,309	21,467	21,625	21,782	21,940	22,088	22,236	22,384	22,531	22,680	22,828	22,977	23,126	23,274	23,428	23,581	23,669	23,837	23,975	24,110	24,251						
Waste production t	20,171	20,273	20,343	25,207	20,071	19,916	19,801	19,637	19,749	19,461	19,373	19,286	19,199	19,212	19,226	18,937	18,949	18,961	19,093	19,038	19,026	19,015	19,071	19,099	19,126	19,154	19,144	19,243	19,196	19,600	19,408	19,422	19,437						
Kg/co/year	1,057	1,034	1,026	1,029	1,004	986	972	967	949	934	923	912	901	890	880	870	860	858	851	850	843	838	832	831	822	822	817	813	808	804	799	799	792						19,147

Tekst iz tablice: Prosječno

Stalno stanovništvo za PS Brač, Broj turističkih noćenja, Sezonsko stanovništvo, Ukupno stanovništvo, Proizvodnja otpada t, kg/co/god.

Tablica 34: Predviđanja u pogledu proizvodnje komunalnog otpada za gradove/općine kojima će služiti pretovarna stanica Vis

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	Average 2011-2048
Permanent population (corresponds to TS Vis)	3,859	3,858	3,859	3,867	3,859	3,853	3,843	3,848	3,843	3,839	3,828	3,821	3,814	3,808	3,801	3,794	3,488	3,479	3,470	3,461	3,452	3,443	3,434	3,425	3,416	3,407	3,398	3,387	3,373	3,364	3,352	3,341	3,329						
Tourist nights	245,978	309,457	394,685	291,147	305,614	316,081	329,948	337,014	347,481	357,948	368,415	378,881	389,348	398,815	410,282	420,749	431,215	441,682	452,149	462,616	473,082	483,549	494,016	504,483	514,949	525,416	535,883	546,350	556,816	567,283	577,750	588,217	598,684						
Seasonal population	834	834	780	808	891	856	895	919	932	941	1,008	1,016	1,017	1,095	1,114	1,135	1,181	1,216	1,239	1,267	1,296	1,325	1,350	1,392	1,411	1,439	1,468	1,497	1,526	1,554	1,583	1,612	1,640						
Total population	4,239	4,240	4,308	4,355	4,583	4,421	4,448	4,471	4,490	4,515	4,537	4,559	4,581	4,605	4,625	4,647	4,669	4,695	4,709	4,728	4,748	4,767	4,787	4,807	4,827	4,846	4,866	4,883	4,901	4,918	4,935	4,953	4,970						
Waste production t	5,619	5,613	5,555	5,611	5,598	5,484	5,491	5,442	5,418	5,401	5,384	5,370	5,355	5,410	5,425	5,510	5,515	5,518	5,521	5,524	5,527	5,530	5,533	5,536	5,539	5,541	5,546	5,547	5,548	5,549	5,551	5,552	5,554						
Kg/co/year	1,327	1,323	1,289	1,288	1,222	1,240	1,234	1,218	1,207	1,196	1,187	1,178	1,169	1,175	1,173	1,186	1,181	1,175	1,172	1,169	1,164	1,159	1,155	1,152	1,148	1,144	1,140	1,136	1,131	1,127	1,123	1,118	1,114						1,196

Tekst iz tablice: Prosječno

Stalno stanovništvo za PS Vis, Broj turističkih noćenja, Sezonsko stanovništvo, Ukupno stanovništvo, Proizvodnja otpada t, kg/cs/god.

Tablica 35: Predviđanja u pogledu proizvodnje komunalnog otpada za gradove/općine kojima će služiti pretovarna stanica Hvar

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	Average 2011-2047
Permanent population (permanent in TS Hvar	11,490	11,490	11,490	11,491	11,489	11,487	11,484	11,482	11,481	11,479	11,397	11,376	11,354	11,332	11,311	11,289	11,268	11,239	11,209	11,180	11,151	11,122	11,093	11,064	11,036	11,007	10,978	10,941	10,904	10,867	10,830	10,793	10,756					
Tourist nights	1,510,551	1,689,497	1,979,727	1,837,808	1,695,890	1,750,871	1,812,053	1,872,134	1,908,215	1,988,297	2,044,378	2,102,459	2,160,541	2,218,622	2,276,703	2,334,785	2,392,866	2,450,947	2,509,028	2,567,109	2,625,191	2,683,272	2,741,353	2,799,435	2,857,517	2,915,598	2,973,679	3,031,761	3,089,842	3,147,923	3,206,005	3,264,086	3,322,167					
Seasonal population	4,184	4,818	5,518	4,987	4,848	4,805	4,905	5,134	5,283	5,442	5,621	5,765	5,816	6,078	6,238	6,397	6,556	6,715	6,874	7,033	7,192	7,351	7,510	7,670	7,829	7,988	8,147	8,306	8,465	8,624	8,784	8,943	9,102					
Total population	15,674	16,134	16,821	15,978	16,135	16,292	16,449	16,586	16,725	16,861	16,988	17,106	17,275	17,411	17,548	17,686	17,824	17,953	18,083	18,213	18,343	18,474	18,604	18,734	18,864	18,995	19,125	19,247	19,369	19,491	19,613	19,736	19,858					
Waste production t	11,197	11,509	10,931	10,898	10,785	10,712	10,640	10,552	10,504	10,457	10,410	10,363	10,316	10,270	10,224	10,178	10,131	10,092	10,011	10,230	10,249	10,199	10,249	10,258	10,268	10,277	10,287	10,196	10,199	10,136	10,279	10,032	10,035					10,286
kg/in/year	709	691	650	683	668	656	647	636	628	620	612	605	597	590	583	576	570	562	553	561	559	554	551	548	546	542	538	528	521	519	524	503	505					

Tekst iz tablice: Prosječno

Stalno stanovništvo za PS Hvar, Broj turističkih noćenja, Sezonsko stanovništvo, Ukupno stanovništvo, Proizvodnja otpada t, kg/ca/god.

Tablica 36: Predviđanja u pogledu proizvodnje komunalnog otpada za gradove/općine koji će biti izravno prevezen u CGO bez pretovarne stanice

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	Average 2011-2047
Permanent population (Muć, Lećevica, Pigomet, Primorski Dolac)	3,313	3,314	3,313	3,312	3,311	3,309	3,308	3,306	3,307	3,477	3,467	3,456	3,446	3,436	3,425	3,415	3,405	3,391	3,377	3,363	3,349	3,335	3,321	3,307	3,293	3,279	3,266	3,249	3,230	3,212	3,194	3,177	3,159					
Tourist nights	274	2,775	1,660	1,721	1,782	1,843	1,904	1,966	2,026	2,087	2,148	2,208	2,270	2,331	2,392	2,453	2,514	2,575	2,636	2,697	2,758	2,819	2,880	2,941	3,002	3,063	3,124	3,185	3,246	3,307	3,368	3,429	3,490					
Seasonal population	1	5	3	5	5	5	5	5	6	6	6	6	6	6	7	7	7	7	7	1	8	8	8	8	8	8	8	9	9	9	9	9	9					
Total population	3,314	3,319	3,317	3,314	3,319	3,314	3,313	3,309	3,485	3,485	3,473	3,462	3,452	3,442	3,432	3,422	3,412	3,398	3,384	3,370	3,356	3,342	3,329	3,315	3,301	3,288	3,274	3,257	3,239	3,221	3,204	3,186	3,169					
Waste production t	1,750	1,750	1,721	1,711	1,699	1,688	1,676	1,669	1,655	1,648	1,646	1,633	1,625	1,618	1,621	1,614	1,606	1,607	1,608	1,610	1,612	1,613	1,615	1,616	1,618	1,619	1,621	1,622	1,623	1,623	1,623	1,623	1,624					1,625
kg/in/year	527	527	517	516	512	508	506	502	475	473	473	472	471	469	472	472	471	473	475	477	480	482	485	487	490	492	495	498	501	503	506	509	512					

Tekst iz tablice: Prosječno

Stalno stanovništvo Muć, Lećevica, Pigomet, Primorski Dolac), Broj turističkih noćenja, Sezonsko stanovništvo, Ukupno stanovništvo

Tablica 37: Predviđanja u pogledu proizvodnje komunalnog otpada za cjelokupnu Splitsko-dalmatinsku županiju

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	Average 2011-2047
Permanent population	451,841	452,750	452,802	452,508	453,479	451,888	451,198	451,198	450,581	448,723	448,870	448,017	447,165	446,313	445,460	444,612	443,771	442,819	441,873	440,925	439,142	438,208	436,886	435,565	434,620	433,675	432,918	431,978	430,803	429,494	427,908	426,323	425,078	423,827				438,563
Tourist nights	19,282,118	17,218,019	16,021,843	16,584,765	17,178,085	17,766,450	18,354,720	18,943,041	19,531,360	20,119,680	20,708,000	21,296,320	21,884,642	22,472,962	23,061,282	23,649,603	24,237,923	24,826,243	25,414,564	26,002,884	26,591,205	27,179,525	27,767,845	28,356,165	28,944,486	29,532,806	30,121,126	30,709,447	31,297,767	31,886,087	32,474,408	33,062,728	33,651,049					
Seasonal population	43,888	48,808	48,840	49,481	47,065	49,879	50,287	51,898	53,511	55,122	56,734	58,346	59,958	61,570	63,182	64,795	66,406	68,017	69,629	71,241	72,853	74,464	76,076	77,688	79,300	80,912	82,523	84,135	85,747	87,359	88,971	90,583	92,195					71,862
Total population	494,729	499,416	498,489	498,221	499,542	501,663	502,585	503,037	504,091	504,847	505,604	506,363	507,124	507,886	508,642	509,410	510,183	510,861	511,131	511,566	512,093	512,508	512,875	513,451	513,920	514,587	515,055	515,728	516,297	516,865	517,287	517,906	518,524	519,143				511,861
Waste production t	248,196	246,421	243,483	240,800	239,746	237,815	236,937	234,978	233,032	231,366	230,307	229,663	228,845	227,815	225,588	223,767	229,717	228,930	228,164	226,706	226,917	227,135	225,345	227,026	227,268	227,987	228,196	228,254	225,924	225,081	228,843	228,242	228,489					231,964
kg/in/year	502	494	488	483	479	474	471	467	462	458	455	453	451	448	443	438	450	448	446	443	443	443	439	442	442	441	441	443	438	436	443	441	441					453

Tekst iz tablice: Prosječno

Stalno stanovništvo, Broj turističkih noćenja, Sezonsko stanovništvo, Ukupno stanovništvo, Proizvodnja otpada t, kg/ca/god.

4. ANALITIČKI IZRAČUNI CILJEVA NA TEMELJU NPGO-A RC-A ZA RAZDOBLJE 2017. – 2022. TE OTPADA KOJI ĆE BITI OBRAĐEN U CGO U OPĆINILEĆEVICA

Goal 1.1 of WMP of RC									-5,00%																															
	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
Total Produced MUNICIPAL WASTE (EWC 20 & 15 01) (t)	246,396	248,925	252,469	240,860	239,240	237,629	236,027	234,434	232,850	231,909	230,923	229,861	228,806	227,815	226,788	225,767	224,307	223,354	222,414	221,750	220,927	222,135	227,340	227,338	227,708	227,981	228,190	228,219	228,354	228,395	228,441	228,532	228,606	228,184						
(1) Bulky waste (EWC 20 03 07) (t)	14,509	14,540	14,274	14,170	14,081	13,988	13,894	13,770	13,717	13,655	13,581	13,531	13,471	13,410	13,350	13,290	13,310	13,322	13,334	13,346	13,358	13,370	13,383	13,395	13,407	13,420	13,433	13,436	13,440	13,448	13,452	13,457	13,461							
(2) Garden and park biodegradable waste EWC 20 02 01 (t)	2,984	2,959	2,456	2,442	2,425	2,409	2,393	2,375	2,363	2,352	2,341	2,331	2,320	2,310	2,299	2,289	2,292	2,294	2,296	2,299	2,301	2,303	2,305	2,307	2,309	2,311	2,313	2,314	2,315	2,316	2,317	2,318	2,319							
(3) Special waste EWC 20 01 21*, 20 01 23*, 20 01 33*, 20 01 35* (t)	969	969	953	947	941	934	928	920	916	912	908	904	900	896	892	888	890	892	893	894	895	896	896	897	897	898	898	898	899	899	899								
(4) Waste from markets EWC 20 03 02 (t)	90	90	89	88	87	87	86	85	85	85	84	84	84	83	83	82	83	83	83	83	84	83	83	83	83	83	83	83	82	83	83	83	84	83						
RECYCLABLE WASTE collected at source (t)	23,052	24,441	27,440	32,592	36,434	35,148	79,151	102,879	106,382	108,412	109,434	104,864	104,486	104,053	103,547	103,082	101,739	102,524	105,461	103,515	103,618	105,765	109,681	105,897	105,994	104,996	104,184	104,718	104,238	104,176	104,130	104,848	104,817	104,579						

Tekst iz tablice: Cilj 1.1 NPGO-a RC-a, Prosječno

Ukupna količina proizvedenog KOMUNALNOG OTPADA (EWC 20 i 15 01) (t), (1) Glomazni otpad (EWC 20 03 07) (t), (2) Biorazgradivi otpad iz vrtova i parkova EWC 20 02 01 (t) (3) Poseban otpad EWC 20 01 21, 20 01 23*, 20 01 33*, 20 01 35* (t), (4) Otpad s tržnica EWC 20 03 02 (t), MATERIJALI KOJE JE MOGUĆE RECIKLIRATI prikupljeni na izvoru (t)*

Paper	8,03%	7,88%	7,85%	8,76%	9,79%	10,90%	11,29%	11,04%	11,04%	11,04%	11,04%	11,04%	11,04%	11,04%	11,04%	11,04%	11,04%	11,04%	11,04%	11,04%	11,04%	11,04%	11,04%	11,04%	11,04%	11,04%	11,04%	11,04%	11,04%	11,04%	11,04%	11,04%	11,04%	11,04%						
Paper packaging	4,96%	4,70%	5,18%	5,97%	6,06%	6,53%	8,45%	10,82%	10,82%	10,82%	10,82%	10,82%	10,82%	10,82%	10,82%	10,82%	10,82%	10,82%	10,82%	10,82%	10,82%	10,82%	10,82%	10,82%	10,82%	10,82%	10,82%	10,82%	10,82%	10,82%	10,82%	10,82%	10,82%	10,82%						
Paper non packaging	2,92%	2,73%	2,68%	2,79%	3,73%	4,38%	2,84%	0,22%	0,22%	0,22%	0,22%	0,22%	0,22%	0,22%	0,22%	0,22%	0,22%	0,22%	0,22%	0,22%	0,22%	0,22%	0,22%	0,22%	0,22%	0,22%	0,22%	0,22%	0,22%	0,22%	0,22%	0,22%	0,22%	0,22%						
Plastic	1,12%	1,13%	1,13%	2,54%	3,77%	5,38%	9,53%	16,24%	16,24%	16,24%	16,24%	16,24%	16,24%	16,24%	16,24%	16,24%	16,24%	16,24%	16,24%	16,24%	16,24%	16,24%	16,24%	16,24%	16,24%	16,24%	16,24%	16,24%	16,24%	16,24%	16,24%	16,24%	16,24%	16,24%						
Plastic packaging	1,04%	1,09%	1,12%	2,17%	3,98%	4,40%	6,97%	11,06%	11,06%	11,06%	11,06%	11,06%	11,06%	11,06%	11,06%	11,06%	11,06%	11,06%	11,06%	11,06%	11,06%	11,06%	11,06%	11,06%	11,06%	11,06%	11,06%	11,06%	11,06%	11,06%	11,06%	11,06%	11,06%	11,06%						
Plastic non packaging	0,07%	0,05%	0,00%	0,05%	0,00%	1,00%	2,56%	5,18%	5,18%	5,18%	5,18%	5,18%	5,18%	5,18%	5,18%	5,18%	5,18%	5,18%	5,18%	5,18%	5,18%	5,18%	5,18%	5,18%	5,18%	5,18%	5,18%	5,18%	5,18%	5,18%	5,18%	5,18%	5,18%	5,18%						
Glass	1,45%	1,47%	1,44%	1,80%	2,28%	2,82%	3,39%	5,00%	5,00%	5,00%	5,00%	5,00%	5,00%	5,00%	5,00%	5,00%	5,00%	5,00%	5,00%	5,00%	5,00%	5,00%	5,00%	5,00%	5,00%	5,00%	5,00%	5,00%	5,00%	5,00%	5,00%	5,00%	5,00%	5,00%						
Glass packaging	1,44%	1,46%	1,42%	1,78%	1,96%	2,81%	2,80%	3,96%	3,96%	3,96%	3,96%	3,96%	3,96%	3,96%	3,96%	3,96%	3,96%	3,96%	3,96%	3,96%	3,96%	3,96%	3,96%	3,96%	3,96%	3,96%	3,96%	3,96%	3,96%	3,96%	3,96%	3,96%	3,96%	3,96%						
Glass non packaging	0,01%	0,00%	0,00%	0,02%	0,31%	0,01%	0,59%	1,04%	1,04%	1,04%	1,04%	1,04%	1,04%	1,04%	1,04%	1,04%	1,04%	1,04%	1,04%	1,04%	1,04%	1,04%	1,04%	1,04%	1,04%	1,04%	1,04%	1,04%	1,04%	1,04%	1,04%	1,04%	1,04%	1,04%						
Metal Fe + Al	0,18%	0,22%	0,26%	0,36%	0,51%	1,00%	2,31%	1,70%	2,41%	2,41%	2,41%	2,41%	2,41%	2,41%	2,41%	2,41%	2,41%	2,41%	2,41%	2,41%	2,41%	2,41%	2,41%	2,41%	2,41%	2,41%	2,41%	2,41%	2,41%	2,41%	2,41%	2,41%	2,41%	2,41%						
Metal Fe + Al packaging	0,00%	0,05%	0,02%	0,30%	0,49%	1,07%	1,38%	1,21%	2,21%	2,21%	2,21%	2,21%	2,21%	2,21%	2,21%	2,21%	2,21%	2,21%	2,21%	2,21%	2,21%	2,21%	2,21%	2,21%	2,21%	2,21%	2,21%	2,21%	2,21%	2,21%	2,21%	2,21%	2,21%	2,21%						
Metal Fe + Al non packaging	0,18%	0,21%	0,24%	0,06%	0,01%	0,13%	0,92%	0,49%	0,19%	0,19%	0,19%	0,18%	0,19%	0,19%	0,19%	0,19%	0,19%	0,19%	0,19%	0,19%	0,19%	0,19%	0,19%	0,19%	0,19%	0,19%	0,19%	0,19%	0,19%	0,19%	0,19%	0,19%	0,19%	0,19%						
RECYCLABLE WASTE collected at source (% of produced waste)	9,35%	9,83%	11,4%	13,53%	15,48%	15,11%	33,57%	46,46%	45,68%	45,46%	45,46%	45,66%	45,88%	46,46%	45,66%	45,68%	45,66%	45,88%	45,68%	45,66%	45,68%	45,66%	45,68%	45,66%	45,68%	45,66%	45,68%	45,66%	45,68%	45,66%	45,66%	45,66%	45,66%	45,66%						
BIOWASTE collected at source (t)	1,588	1,588	2,642	2,580	2,511	1,447	44,177	21,868	20,981	20,864	20,777	20,679	20,586	20,493	20,400	20,309	20,199	20,357	20,357	20,376	20,398	20,415	20,432	20,450	20,466	20,480	20,508	20,527	20,539	20,549	20,561	20,571	20,582	20,564						
BIOWASTE collected at source (% of produced waste)																																								
Goal 1.3 of WMP of RC	6,67%	6,67%	6,67%	6,67%	6,67%	3,50%	20,15%		40,00%	40,00%	40,00%	40,00%	40,00%	40,00%	40,00%	40,00%	40,00%	40,00%	40,00%	40,00%	40,00%	40,00%	40,00%	40,00%	40,00%	40,00%	40,00%	40,00%	40,00%	40,00%	40,00%	40,00%	40,00%	40,00%						
Remaining MUNICIPAL WASTE (after sorting at source) (t)	221,344	223,484	225,029	224,268	220,729	226,481	192,874	211,534	206,018	203,447	200,489	199,997	199,420	198,822	198,247	197,685	196,568	195,830	194,953	194,235	193,573	192,370	190,659	189,338	188,714	187,501	186,682	185,692	184,915	184,247	183,880	183,277	182,789	182,620						

Biowaste collected at source (t)																																								
Garden and park biodegradable waste EWC 20 02 01 (t)	1,488	1,458	1,458	1,442	1,425	1,409	1,391	1,373	1,362	1,351	1,341	1,331	1,320	1,310	1,299	1,289	1,292	1,294	1,296	1,299	1,301	1,303	1,305	1,307	1,309	1,311	1,313	1,314	1,315	1,316	1,317	1,318								
Waste from markets EWC 20 03 02 (t)	90	90	89	88	87	87	86	85	85	85	84	84	84	83	83	82	83	83	83	83	84	83	83	83	83	83	83	83	82	83	83	83	84	83						
Other biowaste	0	0	0	0	0	2,011	7,098	18,197	18,515	18,400	18,347	18,364	18,382	18,400	18,418	17,917	17,964	17,980	17,997	18,013	18,029	18,046	18,063	18,079	18,096	18,113	18,130	18,145	18,160	18,176	18,191	18,207	18,223	18,239						
Total	1,588	1,548	2,547	2,530	2,511	5,507	10,377	15,056	20,962	19,866	19,772	20,679	20,586	20,493	20,400	20,309	20,199	20,357	20,357	20,376	20,398	20,415	20,432	20,450	20,466	20,480	20,508	20,527	20,539	20,549	20,561	20,571	20,582	20,564						
	4,7%	4,7%	4,7%	4,7%	4,7%	9,6%	19,6%	40,0%	40,0%	40,0%	40,0%	40,0%	40,0%	40,0%	40,0%	40,0%	40,0%	40,0%	40,0%	40,0%	40,0%	40,0%	40,0%	40,0%	40,0%	40,0%	40,0%	40,0%	40,0%	40,0%	40,0%	40,0%	40,0%	40,0%						

Tekst iz tablice: Papir, Papirnata ambalaža, Papirnata neambalaža, Plastika, Plastična ambalaža, Plastična neambalaža, Stakla, Staklena ambalaža, Staklena neambalaža, Metal Fe + Al, Metalna ambalaža Fe + Al, Metalna neambalaža Fe + Al, MATERIJALI KOJE JE MOGUĆE RECIKLIRATI prikupljeni na izvoru (% proizvedenog otpada), BIOOTPAD prikupljen na izvoru (t), BIOOTPAD prikupljen na izvoru (% proizvedenog otpada), Cilj 1.3 NPGO-a RC-a, Preostali KOMUNALNI OTPAD (nakon sortiranja na izvoru) (t), Biootpad prikupljen na izvoru (t), Biorazgradivi otpad iz vrtova i parkova EWC 20 02 01 (t), Otpad s tržnica EWC20 03 02 (t), Ostali biootpad, Ukupno

Studija izvedivosti za razvoj integriranog i održivog sustava za gospodarenje otpadom u Splitsko-dalmatinskoj županiji

Prilog 4.1. Sadržaj otpada i predviđanja za buduću proizvodnju otpada

Produced RECYCLABLES & BIOWASTE (t)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048 kor nje 2021-2047
Paper	64,130	64,308	63,175	62,251	62,525	61,909	61,492	60,981	60,508	60,435	60,263	59,896	59,421	59,552	58,983	58,818	58,307	58,082	57,614	57,150	56,730	56,175	55,730	55,230	54,816	54,396	53,892	53,483	53,045	52,603	52,121	51,721	51,330	50,938
Paper packaging	32,503	32,585	31,988	31,273	31,557	31,245	31,121	30,839	30,717	30,598	30,460	30,321	30,186	30,050	29,915	29,780	29,625	29,452	29,079	28,908	28,761	28,603	28,508	28,386	28,304	28,072	27,910	27,809	27,717	27,627	27,511	27,421	27,331	27,241
Paper non packaging	31,692	31,696	31,190	30,980	30,772	30,565	30,359	30,108	29,872	29,837	29,732	29,568	29,435	29,302	29,139	29,038	28,683	28,109	28,135	28,161	28,188	28,215	28,242	28,269	28,296	28,324	28,351	28,358	28,328	28,298	28,300	28,300	28,299	28,347
Plastic	46,583	46,568	47,812	47,481	47,172	46,854	46,538	46,154	45,945	45,738	45,532	45,327	45,122	44,919	44,717	44,515	44,382	44,622	44,463	44,303	44,194	44,085	44,526	44,868	44,930	44,811	44,894	45,307	45,080	45,033	45,046	45,061	45,075	44,988
Plastic packaging	33,036	33,040	32,512	32,298	32,077	31,861	31,646	31,384	31,203	31,332	30,962	30,822	30,680	30,540	30,400	30,260	30,316	30,343	30,372	30,198	30,426	30,454	30,482	30,510	30,539	30,567	30,190	30,608	30,633	30,622	30,652	30,681	28,651	30,590
Plastic non packaging	13,547	13,528	15,300	15,183	15,095	14,993	14,892	14,769	14,741	14,406	14,570	14,505	14,439	14,374	14,309	14,245	14,066	14,279	14,292	14,305	14,318	14,332	14,046	14,358	14,372	14,385	14,398	14,492	14,446	14,410	14,415	14,419	14,424	14,396
Glass	15,390	15,191	14,990	13,618	13,710	13,649	13,532	13,520	14,361	14,300	14,246	14,173	14,108	14,044	13,981	13,918	13,930	13,901	13,864	13,977	14,009	14,002	14,013	14,008	14,041	14,054	14,064	14,071	14,096	14,084	14,084	14,103	14,091	13,966
Glass packaging	10,631	10,610	10,460	10,194	10,324	10,254	10,185	10,191	10,055	10,010	9,965	9,909	9,870	9,831	9,787	9,743	9,757	9,766	9,775	9,780	9,791	9,802	9,811	9,820	9,829	9,838	9,847	9,850	9,837	9,854	9,859	9,862	9,865	9,848
Glass non packaging	4,757	4,557	4,485	4,424	4,425	4,395	4,365	4,329	4,306	4,290	4,275	4,251	4,237	4,213	4,194	4,175	4,162	4,135	4,089	4,197	4,217	4,201	4,202	4,188	4,212	4,216	4,220	4,221	4,259	4,230	4,225	4,241	4,226	4,220
Metal	8,396	8,395	8,241	8,215	8,193	8,091	8,041	7,974	7,914	7,902	7,867	7,831	7,796	7,761	7,726	7,691	7,739	7,735	7,753	7,724	7,731	7,738	7,745	7,752	7,759	7,763	7,763	7,776	7,778	7,780	7,784	7,786	7,788	7,791
Metal packaging	6,619	6,619	6,514	6,479	6,426	6,382	6,340	6,288	6,259	6,231	6,202	6,175	6,147	6,119	6,092	6,064	6,076	6,079	6,085	6,090	6,096	6,101	6,107	6,112	6,118	6,124	6,130	6,131	6,138	6,139	6,141	6,142	6,143	6,129
Metal non packaging	1,775	1,775	1,747	1,735	1,724	1,712	1,701	1,687	1,679	1,671	1,664	1,656	1,649	1,641	1,634	1,627	1,639	1,631	1,632	1,634	1,635	1,637	1,638	1,640	1,641	1,643	1,644	1,645	1,640	1,641	1,642	1,644	1,645	1,644
Biowaste	16,810	15,817	14,572	14,166	13,861	13,609	13,373	13,146	12,942	12,744	12,991	13,497	13,464	13,231	13,103	12,771	12,858	12,991	12,939	12,986	13,002	13,019	13,129	13,178	13,202	13,208	13,232	13,237	13,242	13,261	13,267	13,272	13,277	13,311
Total Recyclables	136,780	136,375	134,197	131,298	132,400	131,308	130,621	129,541	128,957	128,375	127,730	127,160	126,607	126,076	125,508	124,940	125,131	125,194	125,207	126,475	125,985	125,338	125,836	125,851	126,053	126,369	128,180	126,321	126,358	126,386	126,404	126,434	126,164	126,271
Total Recyclables+Biowaste	146,770	141,756	138,723	131,463	128,261	124,942	121,700	121,181	121,358	120,541	119,737	119,567	118,111	117,308	116,369	115,714	115,989	116,137	116,268	116,464	116,612	116,779	116,942	117,037	117,272	117,494	117,065	117,614	117,705	117,767	117,816	117,867	117,887	117,911
Total packaging	82,781	82,798	81,476	80,529	80,184	79,843	79,585	78,648	78,194	77,966	77,698	77,198	76,892	76,545	76,204	75,857	75,972	76,045	76,038	76,178	76,247	76,317	76,387	76,484	76,148	76,602	76,074	76,495	76,517	76,730	76,762	76,787	76,822	76,883

Collected RECYCLABLES & BIOWASTE (t)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048 kor nje 2021-2047
Paper	16,385	17,968	19,041	20,110	21,431	26,062	36,281	36,231	33,065	41,219	40,633	39,411	40,186	40,960	40,740	40,526	40,599	40,681	40,637	40,776	40,776	41,819	40,861	41,911	41,964	40,007	40,041	40,082	40,076	40,090	40,106	40,121	40,137	40,042
Paper packaging	10,762	11,752	12,528	13,462	14,508	15,612	16,957	21,470	21,957	25,243	25,129	25,016	24,909	24,791	24,679	24,569	24,605	24,627	24,649	24,670	24,696	24,717	24,740	24,763	24,786	24,809	24,832	24,839	24,846	24,854	24,861	24,869	24,877	24,829
Paper non packaging	5,624	5,617	6,515	7,628	8,911	10,450	19,328	24,840	24,328	29,617	28,504	24,265	24,265	24,170	24,067	23,958	23,994	24,054	24,088	24,064	24,081	24,104	24,120	24,148	24,171	24,193	24,216	24,219	24,230	24,237	24,248	24,252	24,260	24,213
Plastic	2,759	2,898	4,189	4,104	9,004	12,545	12,687	18,974	31,907	31,736	37,665	37,498	37,333	37,170	36,988	36,807	36,717	36,752	36,811	36,848	36,885	35,918	36,949	36,984	37,101	37,067	37,132	37,132	37,149	37,154	37,166	37,177	37,188	37,167
Plastic packaging	2,570	2,619	3,710	3,248	7,408	10,456	10,467	25,810	25,777	25,660	25,545	25,430	25,310	25,193	25,087	24,978	25,012	25,034	25,057	25,080	25,103	25,128	25,149	25,172	25,196	25,219	25,241	25,250	25,257	25,265	25,277	25,290	25,288	25,249
Plastic non packaging	189	279	479	856	1,596	2,089	2,140	12,165	12,129	12,076	12,021	11,967	11,912	11,859	11,806	11,753	11,725	11,781	11,758	11,830	11,853	11,824	11,801	11,840	11,917	11,848	11,891	11,882	11,889	11,889	11,888	11,886	11,900	11,877
Glass	3,177	3,624	3,993	4,505	5,216	8,769	8,998	11,908	13,851	13,797	13,744	13,691	13,639	13,586	13,534	13,482	12,489	12,518	12,520	12,531	12,542	11,562	11,574	11,588	12,196	12,409	12,409	12,411	12,418	12,419	12,423	12,428	12,434	12,404
Glass packaging	2,553	2,608	2,944	4,330	4,785	5,244	5,616	8,331	8,298	8,258	8,225	8,188	8,147	8,110	8,070	8,037	8,069	8,057	8,060	8,071	8,079	8,080	8,091	8,101	8,109	8,119	8,129	8,130	8,139	8,151	8,153	8,156	8,158	8,123
Glass non packaging	24	19	50	175	110	1,543	2,150	2,552	2,555	2,549	2,529	2,508	2,492	2,476	2,460	2,445	1,420	1,461	1,460	1,460	1,463	1,482	1,483	1,487	2,087	2,290	2,280	2,281	2,279	2,268	2,270	2,272	2,276	2,281
Metal	951	587	638	835	1,033	4,795	5,014	4,576	5,140	4,559	4,490	4,462	4,432	4,402	4,374	4,345	4,364	4,360	4,366	4,375	4,376	4,381	4,379	4,386	4,461	4,467	4,461	4,455	4,437	4,419	4,421	4,423	4,425	4,412
Metal packaging	8	16	44	254	1,033	3,960	4,540	3,187	3,164	3,140	3,117	3,094	3,071	3,048	3,024	3,001	3,003	3,003	3,003	3,009	3,009	3,009	3,009	3,009	3,009	3,009	3,009	3,009	3,009	3,009	3,009	3,009	3,009	3,009
Metal non packaging	330	571	572	621	677	717	1,061	1,391	1,976	1,419	1,373	1,366	1,360	1,354	1,348	1,342	1,361	1,357	1,363	1,366	1,367	1,372	1,370	1,377	1,452	1,458	1,452	1,446	1,428	1,410	1,412	1,414	1,416	1,403
Biowaste	2,346	2,193	2,347	2,330	2,512	3,107	10,177	21,016	20,963	20,862	20,772	20,679	20,588	20,495	20,408	20,305	20,309	20,357	20,378	20,384	20,411	20,450	20,450	20,469	20,498	20,518	20,527	20,533	20,539	20,546	20,551	20,557	20,564	20,514
Total Recyclables collected	19,032	19,442	17,844	22,392	28,413	33,308	72,721	106,819	106,582	108,912	109,434	104,950	104,486	104,023	103,560	103,097	101,235	103,331	103,425	103,585	103,585	101,995	103,884	103,897	103,984	103,995	104,189	104,218	104,149	104,276	104,150	104,340	104,337	104,175
Total Recyclables+Biowaste collected	25,410	27,060	30,382	35,121	41,947	46,212	83,168	121,990	122,251	126,778	126,187	125,408	125,071	124,518	123,947	123,389	123,574	124,185	123,787	123,909	124,023	124,124	124,214	124,323	124,482	124,511	124,716	124,751	124,776	124,822	124,961	124,968	124,988	124,700
Total packaging collected	16,893	18,066	19,144	21,613	27,684	31,201	47,580	69,180	64,593	64,302	64,012	61,723	61,456	61,190	61,865	62,540	62,617	62,718	62,190	62,837	62,904	67,962	63,020	63,093	63,217	63,196	63,256	63,211	63,291	63,360	63,329	63,349	63,370	63,247
Total Recyclables collected	40,124	41,556	44,561	49,386	56,030	70,820	97,483	141,708	141,069	140,410	139,308	139,170	138,547	137,918	137,297	136,676	136,844	137,307	137,332	137,353	137,381	137,337	137,434	137,781	137,860	138,019	138,140	138,167	138,126	138,267	138,339	138,353	138,381	138,311
Total Recyclables+Biowaste collected	32,536	30,847	32,314	36,770	53,131	61,894	87,138	120,651	119,148	120,567	119,667	114,480	113,952	113,426	116,896	116,370	116,545	118,602	116,755	116,961	116,968	117,011	117,142	117,286	117,695	117,511	117,622	117,454	117,686	117,721	117,750	113,795	113,841	113,808
Goal 1.2 of WMP of RC	36.28%	16.86%	10.42%	33.67%	25.42%	29.54%	46.30%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%

Tekst iz prve tablice: Proizvedeni MATERIJALI KOJE JE MOGUĆE RECIKLIRATI I BIOOTPAD (t), Prosječno

Papir, Papirnata ambalaža, Papirnata neambalaža, Plastika, Plastična ambalaža, Plastična neambalaža, Staklo, Staklena ambalaža, Staklena neambalaža, Metal, Metalna ambalaža, Metalna neambalaža, Biootpad, Ukupna količina materijala koje je moguće reciklirati, Ukupna količina materijala koje je moguće reciklirati + biootpad, Ukupna količina ambalaže

Tekst iz druge tablice: Prikupljeni MATERIJALI KOJE JE MOGUĆE RECIKLIRATI I BIOOTPAD (t), Prosječno

Papir, Papirnata ambalaža, Papirnata neambalaža, Plastika, Plastična ambalaža, Plastična neambalaža, Staklo, Staklena ambalaža, Staklena neambalaža, Metal, Metalna ambalaža, Metalna neambalaža, Biootpad, Ukupna prikupljena količina materijala koje je moguće reciklirati, Ukupna prikupljena količina materijala koje je moguće reciklirati + biootpad, Ukupna prikupljena količina ambalaže, Ukupna količina materijala koje je moguće reciklirati + biootpad + glomazni otpad, Ukupna prikupljena količina materijala koje je moguće reciklirati + glomazni otpad, Cilj 1.2 NPGO-a RC-a

Collected RECYCLABLES & BIOWASTE (% of produced values in t)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048
Paper	25.55%	27.95%	30.14%	31.84%	37.60%	42.11%	38.84%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%
Paper packaging	33.11%	36.15%	39.17%	42.48%	45.97%	49.62%	54.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%
Paper non packaging	17.74%	17.72%	20.89%	24.62%	29.69%	34.12%	63.83%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%
Plastic	5.94%	6.22%	8.72%	12.82%	19.15%	25.81%	38.58%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%
Plastic packaging	7.78%	8.05%	11.40%	16.25%	22.45%	32.62%	52.09%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%
Plastic non packaging	1.37%	1.54%	2.94%	5.68%	10.37%	20.60%	41.23%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%
Glass	23.55%	25.88%	26.78%	30.12%	35.41%	46.34%	61.62%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%
Glass packaging	23.41%	23.80%	27.60%	41.46%	46.38%	51.34%	54.96%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%
Glass non packaging	0.51%	0.43%	1.25%	3.87%	11.42%	35.12%	53.83%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%
Metal	3.79%	6.52%	7.70%	10.48%	33.62%	38.12%	69.07%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%
Metal packaging	0.13%	0.25%	0.68%	3.92%	15.46%	62.17%	71.62%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%
Metal non packaging	17.05%	29.81%	32.70%	35.67%	39.29%	41.61%	58.58%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%
Biowaste	4.67%	4.67%	4.67%	4.67%	4.67%	8.94%	19.55%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%
Total Collected RECYCLABLES	36.89%	37.02%	36.75%	34.45%	29.78%	38.86%	56.00%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%
Total Collected PACKAGING	20.40%	21.78%	24.85%	26.85%	34.46%	44.13%	60.80%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%

Tekst iz tablice: Prikupljeni MATERIJALI KOJE JE MOGUĆE RECIKLIRATI I BIOOTPAD (% proizvedenog toka i KO-u)

Papir, Papirnata ambalaža, Papirnata neambalaža, Plastika, Plastična ambalaža, Plastična neambalaža, Staklo, Staklena ambalaža, Staklena neambalaža, Metal, Metalna ambalaža, Metalna neambalaža, Biootpad, Ukupna prikupljena količina MATERIJALA KOJE JE MOGUĆE RECIKLIRATI, Ukupna prikupljena količina AMBALAŽE

Studija izvedivosti za razvoj integriranog i održivog sustava za gospodarenje otpadom u Splitsko-dalmatinskoj županiji

Prilog 4.1. Sadržaj otpada i predviđanja za buduću proizvodnju otpada

Recovered RECYCLABLES & BIOWASTE (t)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047 Average 2015-2047
Paper	14,989	14,811	15,216	16,488	18,791	19,454	20,068	20,210	20,068	19,880	19,708	19,578	19,351	19,173	18,987	18,811	18,640	18,914	18,850	18,686	19,021	19,094	19,292	19,128	19,265	19,282	19,198	19,260	19,745	19,372	19,194	19,297	19,020
Paper Packaging	13,120	13,203	13,622	13,895	15,808	16,400	17,000	17,120	17,000	16,840	16,690	16,578	16,393	16,233	16,080	15,930	15,790	16,030	15,970	15,830	16,110	16,180	16,350	16,190	16,320	16,340	16,260	16,310	16,730	16,410	16,260	16,350	16,110
Paper non packaging	1,869	1,608	1,594	2,593	2,983	3,054	3,068	3,090	3,068	3,040	3,018	3,000	2,958	2,940	2,907	2,881	2,850	2,884	2,880	2,856	2,911	2,914	2,942	2,938	2,945	2,942	2,938	2,950	3,015	2,962	2,934	2,947	2,910
Plastic	3,395	3,384	3,418	3,884	7,727	13,434	16,083	30,966	30,525	30,500	30,062	29,817	29,762	29,648	29,534	29,381	29,420	29,462	29,479	29,509	29,532	29,580	29,587	29,614	29,642	29,670	29,698	29,708	29,718	29,731	29,751	29,741	29,691
Plastic packaging	2,280	2,312	2,975	4,198	6,808	8,305	13,173	26,731	26,621	26,528	26,430	26,348	26,252	26,162	26,079	25,979	26,010	26,028	26,046	26,064	26,082	26,108	26,118	26,138	26,157	26,175	26,194	26,200	26,206	26,212	26,231	26,224	26,182
Plastic non packaging	42	36	860	685	1,303	2,671	4,452	4,741	4,794	4,660	4,617	4,579	4,530	4,487	4,445	4,402	4,410	4,425	4,433	4,442	4,450	4,459	4,468	4,477	4,485	4,494	4,503	4,508	4,512	4,519	4,517	4,517	4,510
Glass	5,544	5,325	5,393	5,602	8,225	5,430	7,573	8,614	8,441	8,426	8,300	8,264	8,211	8,264	8,227	8,160	8,189	8,206	8,216	8,224	8,233	8,240	8,250	8,258	8,267	8,276	8,284	8,287	8,290	8,295	8,296	8,294	8,265
Glass packaging	4,335	4,309	4,247	4,464	3,812	4,198	5,293	6,586	6,436	6,426	6,377	6,347	6,319	6,400	6,459	6,410	6,440	6,445	6,451	6,457	6,463	6,469	6,475	6,481	6,487	6,493	6,499	6,501	6,503	6,509	6,507	6,509	6,478
Glass non packaging	10	15	46	138	413	1,235	1,880	2,027	2,004	2,002	2,019	2,008	2,780	2,782	2,768	2,750	2,760	2,762	2,765	2,767	2,770	2,773	2,775	2,778	2,780	2,783	2,785	2,788	2,787	2,790	2,789	2,790	2,787
Metal	318	318	500	705	1,844	3,764	4,441	5,263	5,239	5,215	5,192	5,168	5,145	5,122	5,099	5,076	5,084	5,084	5,083	5,087	5,102	5,107	5,111	5,116	5,121	5,126	5,131	5,132	5,134	5,139	5,136	5,138	5,130
Metal packaging	8	26	51	293	801	2,175	2,612	4,159	4,132	4,112	4,094	4,075	4,057	4,039	4,020	4,002	4,008	4,012	4,016	4,019	4,023	4,027	4,030	4,034	4,038	4,042	4,045	4,047	4,048	4,049	4,046	4,052	4,043
Metal non packaging	310	292	450	490	542	589	830	1,110	1,106	1,103	1,098	1,093	1,088	1,083	1,078	1,074	1,076	1,072	1,067	1,068	1,079	1,080	1,081	1,082	1,083	1,084	1,085	1,085	1,086	1,090	1,089	1,087	1,085
Biowaste	1,584	2,548	1,347	1,140	3,313	5,107	16,377	21,356	20,961	20,568	20,173	20,579	20,185	20,993	20,800	20,608	20,939	20,339	20,967	20,139	20,391	20,410	20,428	20,447	20,465	20,484	20,503	20,508	20,512	20,525	20,551	20,537	20,504
Total Recyclables	20,878	20,842	22,272	26,074	35,347	40,883	54,569	65,499	65,113	64,729	64,347	63,967	63,589	63,212	62,837	62,464	62,568	62,642	62,717	62,512	62,812	62,888	62,963	63,117	63,195	63,273	63,351	63,379	63,398	63,423	63,408	63,476	63,345
Total Recyclables+Biowaste	22,462	23,430	24,819	28,804	38,660	45,991	68,946	86,855	86,074	85,296	84,520	84,546	83,774	84,205	83,637	83,072	83,507	82,981	83,684	82,651	83,203	83,298	83,391	83,564	83,660	83,757	83,854	83,887	83,910	83,948	83,959	84,013	83,849
Total Packaging	19,947	19,840	19,196	19,451	22,147	23,725	38,064	51,903	51,474	51,482	51,208	50,979	50,748	50,620	50,299	50,098	50,141	50,186	50,233	50,277	50,324	50,369	50,414	50,461	50,510	50,557	50,605	50,623	50,631	50,688	50,681	50,679	50,598
Total Recyclables Collected+Biowaste+Bulky	40,128	41,130	40,661	49,300	56,030	75,100	97,402	142,768	145,060	140,431	139,800	139,193	138,542	137,918	137,267	136,618	136,849	137,067	137,111	137,155	137,301	137,187	137,604	137,701	137,890	138,019	138,149	138,187	138,226	138,267	138,328	138,333	138,397
Total Recyclables+Bulky	31,382	35,340	38,346	46,212	49,430	54,173	72,464	98,178	96,830	96,384	95,941	95,499	95,058	96,187	91,754	95,898	95,484	96,271	96,152	96,246	96,336	96,423	96,512	96,602	96,849	96,780	96,811	96,838	96,867	96,896	96,927	96,964	96,771

Recovered RECYCLABLES & BIOWASTE (% of produced waste)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047
Paper	23.19%	23.05%	23.51%	26.51%	30.06%	31.69%	36.95%	46.00%	46.00%	46.00%	46.00%	46.00%	46.00%	46.00%	46.00%	46.00%	46.00%	46.00%	46.00%	46.00%	46.00%	46.00%	46.00%	46.00%	46.00%	46.00%	46.00%	46.00%	46.00%	46.00%	46.00%	46.00%	46.00%
Paper packaging	31.75%	31.19%	32.10%	33.99%	38.78%	39.85%	51.20%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%
Paper non packaging	14.42%	14.54%	16.71%	19.70%	23.22%	27.17%	42.50%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%
Plastic	0.41%	4.91%	4.97%	10.28%	15.92%	23.13%	58.48%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%
Plastic packaging	6.90%	7.00%	8.10%	13.00%	18.47%	26.25%	41.63%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%
Plastic non packaging	0.20%	0.49%	2.85%	4.51%	8.62%	16.40%	32.38%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%
Glass	22.01%	21.09%	21.36%	24.26%	23.01%	12.87%	18.23%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%
Glass packaging	12.28%	12.12%	10.08%	12.13%	16.91%	40.91%	51.46%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%
Glass non packaging	0.03%	0.14%	1.01%	3.15%	8.11%	28.10%	41.06%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%
Metal	3.70%	3.79%	4.14%	4.54%	16.40%	48.53%	51.78%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%
Metal packaging	0.11%	0.24%	0.79%	3.24%	12.69%	49.76%	57.29%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%
Metal non packaging	17.95%	17.91%	26.21%	28.70%	31.43%	34.42%	47.66%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%
Biowaste	4.67%	4.67%	4.67%	4.67%	4.67%	5.94%	19.35%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%
Total Recovered RECYCLABLES	15.41%	15.35%	16.86%	19.56%	23.81%		44.84%	60.00%		56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%	56.00%
Total packaging (after MPT Process)	19.50%	19.15%	19.88%	23.00%	27.91%		46.90%	60.00%		60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047 Average 2015-2047
Total produced MUNICIPAL WASTE (t)	196,986	206,421	242,449	248,860	238,280	237,029	236,227	234,055	233,028	232,999	230,923	229,902	228,646	227,115	226,788	225,267	226,187	226,510	226,554	225,936	226,427	227,139	227,546	227,556	227,956	227,966	228,186	228,350	228,529	228,816	228,461	228,551	228,368
RECYCLABLE waste collected at source (t)	23,032	24,982	27,248	32,582	38,434	51,106	73,211	106,874	106,292	105,512	105,434	104,950	104,468	104,003	103,547	103,080	103,226	103,428	103,421	103,313	103,607	103,709	103,860	103,987	103,988	104,001	104,189	104,241	104,298	104,218	104,010	104,081	104,177
Paper	16,581	17,368	19,061	21,110	23,439	26,068	30,080	50,152	50,085	49,898	49,655	49,411	49,168	48,960	48,745	48,526	48,599	48,643	48,587	48,701	48,776	48,910	48,965	49,051	48,966	49,000	49,067	49,079	49,090	49,195	49,121	49,117	49,037
Plastic	2,750	2,886	4,169	6,188	9,004	13,595	32,607	36,009	32,907	32,738	32,568	32,396	32,218	37,060	36,880	36,737	36,742	36,413	36,848	36,891	36,816	36,989	36,989	37,058	37,052	37,082	37,122	37,131	37,140	37,165	37,127	37,139	37,117
Glass	3,577	3,658	4,992	4,502	5,281	6,758	8,965	11,905	11,816	11,797	11,744	11,691	11,638	11,586	11,534	11,482	11,499	11,516	11,520	11,510	11,541	11,551	11,562	11,573	11,584	11,595	11,606	11,609	11,612	11,616	11,619	11,621	11,606
Metal	315	347	646	876	1,680	4,375	5,514	6,578	6,549	6,519	6,490	6,461	6,435	6,412	6,374	6,348	6,354	6,360	6,366	6,372	6,378	6,381	6,384	6,390	6,400	6,407	6,412	6,415	6,417	6,419	4,411	6,423	6,412
BIOWASTE collected at source (t)	2,584.00	2,548.28	1,346.46	2,529.86	2,512.04	5,106.54	19,571.36	21,493.96	20,960.94	20,866.45	20,772.32	20,678.68	20,585.49	20,492.73	20,400.41	20,308.52	20,498.10	20,317.58	20,571.74	20,794.24	20,412.35	20,401.50	20,486.49	20,465.42	20,488.11	20,500.73	20,527.68	20,537.89	20,548.54	20,546.79	20,550.94	20,537.28	20,463.97

Tekst iz prve tablice: Oporabljeni MATERIJALI KOJE JE MOGUĆE RECIKLIRATI I BIOOTPAD (t), prosječno

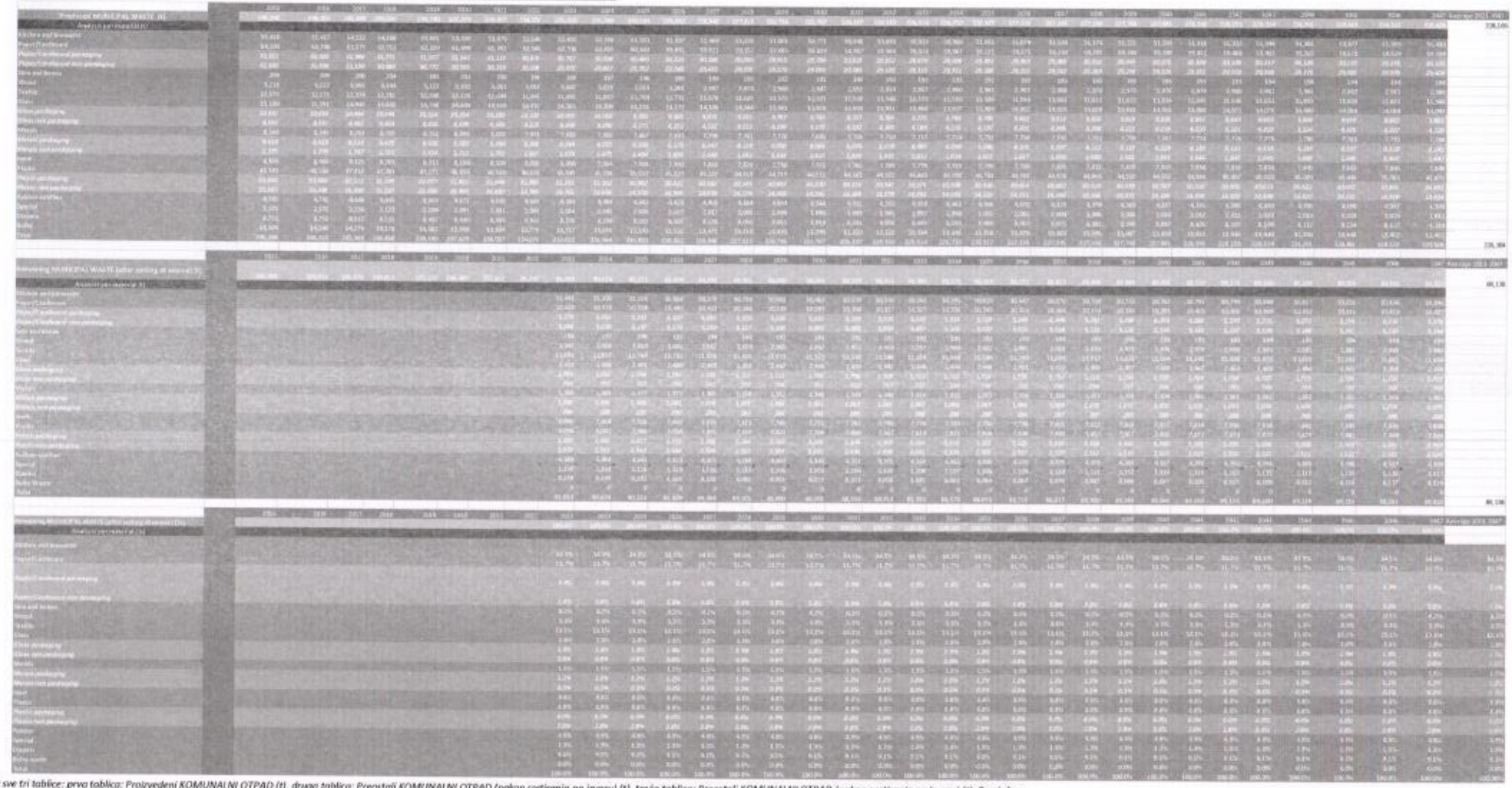
Papir, Papirnata ambalaže, Papirnata neambalaža, Plastika, Plastična ambalaža, Plastična neambalaža, Staklo, Staklena ambalaža, Staklena neambalaža, Metal, Metalna ambalaža, Metalna neambalaža, Biootpad, Ukupna količina materijala koje je moguće reciklirati, Ukupna količina materijala koje je moguće reciklirati + biootpad, Ukupna količina ambalaže, Ukupna količina materijala koje je moguće reciklirati + biootpad + glomazni otpad, Ukupna količina materijala koje je moguće reciklirati + glomazni otpad

Tekst iz druge tablice: Oporabljeni MATERIJALI KOJE JE MOGUĆE RECIKLIRATI I BIOOTPAD (% proizvedenog toka u KO-u)

Papir, Papirnata ambalaža, Papirnata neambalaža, Plastika, Plastična ambalaža, Plastična neambalaža, Staklo, Staklena ambalaža, Staklena neambalaža, Metal, Metalna ambalaža, Metalna neambalaža, Biootpad, Ukupna količina oporabljenih MATERIJALA KOJE JE MOGUĆE RECIKLIRATI, Ukupna količina ambalaže (nakon MRF postupka)
Prosječno

Ukupna količina proizvedenog KOMUNALNOG OTPADA (t), Otpad KOJI SE MOŽE RECIKLIRATI, prikupljen na izvoru (t), Papir, Plastika, Staklo, Metal, Biootpad prikupljen na izvoru (t)

Prilog 4.1. Sadržaj otpada i predviđanja za buduću proizvodnju otpada



Tekst iz sve tri tablice: prva tablica: Proizvedeni KOMUNALNI OTPAD (t), druga tablica: Preostali KOMUNALNI OTPAD (nakon sortiranja na izvoru) (t), treća tablica: Preostali KOMUNALNI OTPAD (nakon sortiranja na izvoru) (t), Prosječno

Analiza po materijalu (t)

Kuhinjski otpad i biootpad, Papir/karton, Papirnata/kartonska ambalaža, Papirnata/kartonska neambalaža, Koža i kosti, Drvo, Tekstil, Staklo, Stakleno ambalaža, Stakleno neambalaža, Metali, Metalna ambalaža, Metalno neambalaža, Inertni otpad, Plastika, Plastična ambalaža, Plastična neambalaža, Guma- koža (u trećoj tablici samo Guma), Posebni otpad, Pelene, Glomazni otpad, Ukupno

Incoming waste to MWC Lećevica (t)	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
Analysis per material (t)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Kitchen and kitchenette																																			
Paper / Cardboard	41,691	42,850	42,522	42,134	42,197	42,123	40,895	40,725	40,610	40,610	40,968	40,919	40,987	40,914	41,056	41,094	41,102	41,119	41,139	41,151	41,153	41,146	41,167	41,178	41,184	41,190
Plastic/Tetrabriks of packaging	15,470	15,541	15,491	15,412	15,352	15,328	15,264	15,126	15,181	15,197	15,249	15,191	15,151	15,159	15,174	15,154	15,158	15,162	15,167	15,159	15,151	15,158	15,159	15,161	15,164	15,166
Plastic/Tetrabriks of non packaging	7,905	7,887	7,949	7,869	7,978	7,937	7,934	7,942	7,948	7,974	7,992	7,958	7,958	7,950	7,950	7,950	7,950	7,950	7,950	7,950	7,950	7,950	7,950	7,950	7,950	7,950
Glass	8,738	7,885	7,661	7,843	7,928	7,949	7,916	7,978	7,988	7,994	7,998	7,928	7,929	7,929	7,929	7,929	7,929	7,929	7,929	7,929	7,929	7,929	7,929	7,929	7,929	7,929
Metal and Alumi	299	199	196	181	191	191	191	195	191	195	195	192	192	191	194	193	193	193	193	193	193	194	194	194	194	194
Wood	3,842	3,924	3,914	3,902	3,901	3,892	3,862	3,920	3,862	3,854	3,857	3,862	3,863	3,867	3,863	3,863	3,863	3,863	3,863	3,863	3,863	3,863	3,863	3,863	3,863	3,863
Textile	11,499	11,237	11,164	11,116	11,139	11,145	11,171	11,151	11,114	11,148	11,158	11,149	11,150	11,151	11,151	11,151	11,151	11,151	11,151	11,151	11,151	11,151	11,151	11,151	11,151	11,151
Glass	3,493	3,492	3,854	3,149	3,611	3,617	3,682	3,744	3,749	3,756	3,756	3,744	3,692	3,666	3,699	3,672	3,670	3,671	3,673	3,673	3,673	3,673	3,673	3,673	3,673	3,673
Other packaging	2,588	2,578	2,564	2,550	2,547	2,532	2,527	2,499	2,517	2,531	2,537	2,529	2,522	2,524	2,527	2,529	2,529	2,528	2,528	2,527	2,527	2,528	2,528	2,528	2,528	2,528
Other non packaging	3,139	3,147	3,199	3,199	3,198	3,080	3,080	3,079	3,077	3,079	3,080	3,079	3,080	3,081	3,082	3,082	3,082	3,084	3,084	3,085	3,085	3,087	3,087	3,089	3,089	3,089
Nappies	2,093	2,127	2,229	2,142	2,184	2,198	2,201	2,181	2,201	2,201	2,197	2,192	2,192	2,192	2,192	2,192	2,192	2,192	2,192	2,192	2,192	2,192	2,192	2,192	2,192	2,192
Inert waste	3,017	3,085	3,107	3,198	3,198	3,219	3,314	3,317	3,321	3,188	3,167	3,168	3,159	3,159	3,159	3,159	3,159	3,159	3,159	3,159	3,159	3,159	3,159	3,159	3,159	3,159
Wood	402	397	429	407	402	402	422	422	422	422	422	422	422	422	422	422	422	422	422	422	422	422	422	422	422	422
Metal	3,000	7,904	7,907	7,905	7,914	7,921	7,796	7,791	7,791	7,790	7,790	7,790	7,790	7,800	7,812	7,819	7,827	7,834	7,818	7,820	7,821	7,847	7,847	7,847	7,847	7,847
Plastic	11,925	11,759	11,733	11,619	11,657	11,541	11,517	11,461	11,509	11,389	11,399	11,349	11,349	11,349	11,349	11,349	11,349	11,349	11,349	11,349	11,349	11,349	11,349	11,349	11,349	11,349
Plastic packaging	8,399	8,438	8,457	8,541	8,488	8,484	8,424	8,180	8,088	8,012	8,028	8,008	8,008	8,006	8,008	8,008	8,008	8,008	8,008	8,008	8,008	8,008	8,008	8,008	8,008	8,008
Plastic non packaging	3,390	3,348	3,295	3,294	3,330	3,326	3,386	3,380	3,447	3,478	3,498	3,498	3,498	3,498	3,497	3,497	3,497	3,497	3,497	3,497	3,497	3,497	3,497	3,497	3,497	3,497
Nappies (plastic)	4,864	4,864	4,842	4,871	4,901	4,941	4,941	4,941	4,941	4,941	4,941	4,941	4,941	4,941	4,941	4,941	4,941	4,941	4,941	4,941	4,941	4,941	4,941	4,941	4,941	4,941
Special	3,138	3,231	3,329	3,515	3,519	3,519	3,148	3,139	3,139	3,139	3,139	3,139	3,139	3,139	3,139	3,139	3,139	3,139	3,139	3,139	3,139	3,139	3,139	3,139	3,139	3,139
Hygiene	4,278	4,299	4,285	4,245	4,226	4,091	4,091	4,094	4,091	4,094	4,094	4,092	4,092	4,092	4,092	4,092	4,092	4,092	4,092	4,092	4,092	4,092	4,092	4,092	4,092	4,092
Bulky	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	115,313	115,309	115,305	115,300	115,295	109,809	108,939	108,417	108,981	108,979	109,079	109,117	108,119	108,174	108,170	108,177	109,078	109,781	109,784	109,993	110,093	110,093	110,107	110,120	110,129	108,974

Analysis per material (%)	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2047 average 2019-2047
Kitchen and kitchenette	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Paper / Cardboard	36.0%	37.1%	37.1%	37.1%	37.1%	38.4%	37.5%	37.5%	37.2%	37.2%	37.2%	37.2%	37.2%	37.2%	37.2%	37.2%	37.2%	37.2%	37.2%	37.2%	37.2%	37.2%	37.2%	37.2%	37.2%	37.2%	37.2%	37.2%	37.2%	37.2%	37.2%	37.2%	37.2%	37.2%	37.2%	37.2%
Plastic/Tetrabriks of packaging	13.4%	13.5%	13.7%	13.9%	13.7%	13.9%	14.0%	14.0%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%
Plastic/Tetrabriks of non packaging	6.8%	6.8%	6.9%	6.9%	6.9%	6.9%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%
Glass	7.6%	6.8%	6.6%	6.8%	6.9%	6.9%	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%	7.3%
Metal and Alumi	0.3%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%
Wood	3.3%	3.4%	3.4%	3.4%	3.4%	3.5%	3.5%	3.6%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%
Textile	10.0%	9.7%	10.0%	10.0%	10.0%	10.1%	10.2%	10.2%	10.2%	10.2%	10.2%	10.2%	10.2%	10.2%	10.2%	10.2%	10.2%	10.2%	10.2%	10.2%	10.2%	10.2%	10.2%	10.2%	10.2%	10.2%	10.2%	10.2%	10.2%	10.2%	10.2%	10.2%	10.2%	10.2%	10.2%	10.2%
Glass	3.0%	3.0%	3.3%	2.7%	3.1%	3.2%	3.4%	3.5%	3.5%	3.5%	3.5%	3.5%	3.4%	3.4%	3.4%	3.4%	3.4%	3.4%	3.4%	3.4%	3.4%	3.4%	3.4%	3.4%	3.4%	3.4%	3.4%	3.4%	3.4%	3.4%	3.4%	3.4%	3.4%	3.4%	3.4%	3.4%
Other packaging	2.2%	2.2%	2.2%	2.2%	2.2%	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%
Other non packaging	2.7%	2.7%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%
Nappies	1.8%	1.8%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%
Inert waste	2.6%	2.7%	2.7%	2.8%	2.8%	2.9%	3.0%	3.0%	3.0%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%
Wood	0.3%	0.3%	0.4%	0.4%	0.3%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%
Metal	2.6%	6.8%	6.9%	6.9%	6.9%	7.2%	7.1%	7.2%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%
Plastic	10.3%	10.2%	10.2%	10.2%	10.1%	10.5%	10.6%	10.6%	10.6%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%
Plastic packaging	7.3%	7.3%	7.3%	7.4%	7.3%	7.7%	7.7%	7.5%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%
Plastic non packaging	2.9%	2.9%	2.9%	2.9%	2.9%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Nappies (plastic)	4.2%	4.2%	4.2%	4.3%	4.3%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%
Special	2.7%	2.8%	2.9%	3.1%	3.1%	3.2%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%
Hygiene	3.7%	3.7%	3.7%	3.7%	3.7%	3.7%	3.7%	3.8%	3.7%	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%
Bulky	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Other	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Format for GHG calculations	
Food waste	30.2%
Garden waste	7.22%
Wood	2.72%
Textiles	10.59%
Paper + cardboard	13.97%
Plastics	10.59%
Metal	1.60%
Glass	3.20%
Other	19.67%

Tekst iz obje tablice: prva tablica: Dolazni otpad u CGO Lećevica (t), druga tablica: Dolazni otpad u CGO Lećevica (%), Prosječna

Analiza po materijalu (t)

Kuhinjski otpad i biootpad, Papir/karton, Papirnata/kartonska ambalaža, papirnata/kartonska neambalaža, Koža i kosti, Drvo, Tekstil, Staklo, Staklena ambalaža, Staklena neambalaža, Metal, Metalna ambalaža, Metalna neambalaža, Inertni otpad, Plastika, Plastična ambalaža, Plastična neambalaža, Guma-koža (u drugoj tablici samo Guma), Posebna otpad, Pelene, Glomazni otpad, Ukupno

Format izračuna staklenčikih plinova

Prehrambeni otpad, Vrtni otpad, Drvo, Tekstil, Papir + karton, Plastika, Metal, Staklo, Ostalo

MRF Facility assumptions	Recovery %
Paper	
Paper Packaging	*80%*
Paper non packaging	*80%*
Plastic	
Plastic packaging	*80%*
Plastic non packaging	*80%*
Glass	
Glass packaging	*80%*
Glass non packaging	*80%*
Metal	
Metal packaging	*80%*
Metal non packaging	*80%*

Tekst iz tablice: Predviđanja MRF postrojenja, Oporaba %

Papir, Papirnata ambalaža, papirnata neambalaža, Plastika, Plastična ambalaža, Plastična neambalaža, Staklo, Staklena ambalaža, Staklena neambalaža, Metal, Metalna ambalaža, Metalna neambalaža

MRF output (Recovered RECYCLABLES)

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047
Paper	**40,068**	**39,888**	**39,708**	**39,529**	**39,351**	**39,173**	**38,997**	**38,821**	**38,880**	**38,914**	**38,950**	**38,985**	**39,021**	**39,056**	**39,092**	**39,129**	**39,165**	**39,202**	**39,239**	**39,250**	**39,261**	**39,272**	**39,284**	**39,297**	**39,309**
Paper Packaging	*20,286*	*20,194*	*20,103*	*20,013*	*19,922*	*19,833*	*19,743*	*19,654*	*19,684*	*19,702*	*19,719*	*19,737*	*19,755*	*19,773*	*19,792*	*19,810*	*19,829*	*19,847*	*19,866*	*19,871*	*19,877*	*19,883*	*19,889*	*19,895*	*19,902*
Paper non packaging	*19,782*	*19,693*	*19,604*	*19,516*	*19,428*	*19,341*	*19,253*	*19,167*	*19,196*	*19,213*	*19,230*	*19,248*	*19,265*	*19,283*	*19,301*	*19,319*	*19,337*	*19,355*	*19,373*	*19,378*	*19,384*	*19,390*	*19,395*	*19,401*	*19,408*
Plastic	**30,325**	**30,189**	**30,052**	**29,917**	**29,782**	**29,648**	**29,514**	**29,381**	**29,426**	**29,452**	**29,479**	**29,505**	**29,532**	**29,560**	**29,587**	**29,614**	**29,642**	**29,670**	**29,698**	**29,706**	**29,714**	**29,723**	**29,732**	**29,741**	**29,751**
Plastic packaging	*20,621*	*20,528*	*20,436*	*20,344*	*20,252*	*20,161*	*20,070*	*19,979*	*20,030*	*20,028*	*20,046*	*20,064*	*20,082*	*20,101*	*20,119*	*20,138*	*20,157*	*20,175*	*20,194*	*20,200*	*20,206*	*20,212*	*20,218*	*20,224*	*20,231*
Plastic non packaging	*9,704*	*9,660*	*9,617*	*9,573*	*9,530*	*9,487*	*9,445*	*9,402*	*9,416*	*9,425*	*9,433*	*9,442*	*9,450*	*9,459*	*9,468*	*9,477*	*9,485*	*9,494*	*9,503*	*9,506*	*9,509*	*9,511*	*9,514*	*9,517*	*9,520*
Glass	**9,481**	**9,438**	**9,395**	**9,353**	**9,311**	**9,269**	**9,227**	**9,186**	**9,199**	**9,208**	**9,216**	**9,224**	**9,233**	**9,241**	**9,250**	**9,258**	**9,267**	**9,276**	**9,284**	**9,287**	**9,290**	**9,292**	**9,295**	**9,298**	**9,301**
Glass packaging	*6,636*	*6,606*	*6,577*	*6,547*	*6,518*	*6,488*	*6,459*	*6,430*	*6,440*	*6,445*	*6,451*	*6,457*	*6,463*	*6,469*	*6,475*	*6,481*	*6,487*	*6,493*	*6,499*	*6,501*	*6,503*	*6,505*	*6,507*	*6,509*	*6,511*
Glass non packaging	*2,844*	*2,832*	*2,819*	*2,806*	*2,793*	*2,781*	*2,768*	*2,756*	*2,760*	*2,762*	*2,765*	*2,767*	*2,770*	*2,773*	*2,775*	*2,778*	*2,780*	*2,783*	*2,785*	*2,786*	*2,787*	*2,788*	*2,789*	*2,790*	*2,790*
Metal	**5,239**	**5,215**	**5,192**	**5,168**	**5,145**	**5,122**	**5,099**	**5,076**	**5,084**	**5,088**	**5,093**	**5,097**	**5,102**	**5,107**	**5,111**	**5,116**	**5,121**	**5,126**	**5,131**	**5,132**	**5,133**	**5,135**	**5,136**	**5,138**	**5,140**
Metal packaging	*4,131*	*4,112*	*4,094*	*4,075*	*4,057*	*4,039*	*4,020*	*4,002*	*4,008*	*4,012*	*4,016*	*4,019*	*4,023*	*4,027*	*4,030*	*4,034*	*4,038*	*4,042*	*4,045*	*4,047*	*4,048*	*4,049*	*4,050*	*4,051*	*4,053*
Metal non packaging	*1,108*	*1,103*	*1,098*	*1,093*	*1,088*	*1,083*	*1,078*	*1,074*	*1,075*	*1,076*	*1,077*	*1,078*	*1,079*	*1,080*	*1,081*	*1,082*	*1,083*	*1,084*	*1,085*	*1,085*	*1,086*	*1,086*	*1,086*	*1,087*	*1,087*
Total Recyclables	**85,113**	**84,729**	**84,347**	**83,967**	**83,589**	**83,212**	**82,837**	**82,464**	**82,588**	**82,662**	**82,737**	**82,812**	**82,888**	**82,964**	**83,040**	**83,117**	**83,195**	**83,273**	**83,351**	**83,374**	**83,398**	**83,423**	**83,448**	**83,474**	**83,501**
Total Packaging	**51,674**	**51,441**	**51,209**	**50,979**	**50,749**	**50,520**	**50,293**	**50,066**	**50,141**	**50,186**	**50,232**	**50,277**	**50,323**	**50,369**	**50,416**	**50,463**	**50,510**	**50,557**	**50,605**	**50,619**	**50,633**	**50,648**	**50,663**	**50,679**	**50,696**

Tekst iz tablice: Učinak MRF-a (Oporabljeni MATERIJALI KOJE JE MOGUĆE RECIKLIRATI)

Papir, Papirnata ambalaža, Papirnata neambalaža, Plastika, Plastična ambalaža, Plastična neambalaža, Staklo, Staklena ambalaža, Staklena neambalaža, Metal, Metalna ambalaža, Metalna neambalaža, Ukupna količina materijala koje je moguće reciklirati, Ukupna količina ambalaže

MRF output (Residues)

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047
Paper	5,009	4,986	4,963	4,941	4,919	4,897	4,875	4,853	4,860	4,864	4,869	4,873	4,878	4,882	4,887	4,891	4,896	4,900	4,905	4,906	4,908	4,909	4,911	4,912	4,914
Paper Packaging	2,536	2,524	2,513	2,502	2,490	2,479	2,468	2,457	2,461	2,463	2,465	2,467	2,470	2,472	2,474	2,476	2,479	2,481	2,483	2,484	2,485	2,485	2,486	2,487	2,488
Paper non packaging	2,473	2,462	2,450	2,439	2,428	2,417	2,407	2,396	2,399	2,402	2,404	2,406	2,408	2,410	2,412	2,415	2,417	2,419	2,422	2,422	2,423	2,424	2,424	2,425	2,426
Plastic	3,791	3,773	3,756	3,740	3,723	3,706	3,689	3,673	3,678	3,683	3,685	3,688	3,691	3,695	3,698	3,702	3,705	3,709	3,712	3,713	3,714	3,715	3,716	3,718	3,719
Plastic packaging	2,578	2,566	2,554	2,543	2,531	2,520	2,509	2,497	2,501	2,503	2,506	2,508	2,510	2,512	2,515	2,517	2,519	2,522	2,524	2,525	2,526	2,526	2,527	2,528	2,529
Plastic non packaging	1,213	1,208	1,202	1,197	1,191	1,186	1,181	1,175	1,177	1,178	1,179	1,180	1,181	1,182	1,183	1,185	1,186	1,187	1,188	1,188	1,189	1,189	1,189	1,190	1,190
Glass	1,185	1,180	1,174	1,169	1,164	1,159	1,153	1,148	1,150	1,151	1,152	1,153	1,154	1,155	1,156	1,157	1,158	1,160	1,161	1,161	1,161	1,162	1,162	1,162	1,163
Glass packaging	830	826	822	818	815	811	807	804	805	806	806	807	808	809	809	810	811	812	812	813	813	813	813	814	814
Glass non packaging	356	354	352	351	349	348	346	344	345	345	346	346	346	347	347	347	348	348	348	348	348	348	349	349	349
Metal	655	652	649	646	643	640	637	635	635	636	637	637	638	638	639	640	640	641	641	642	642	642	642	642	643
Metal packaging	516	514	512	509	507	505	503	500	501	502	502	502	503	503	504	504	505	505	506	506	506	506	506	506	507
Metal non packaging	139	138	137	137	136	135	135	134	134	135	135	135	135	135	135	135	135	136	136	136	136	136	136	136	136
Total Recyclables rejected (bad quality)	10639	10591	10543	10496	10449	10402	10355	10308	10324	10333	10342	10352	10361	10370	10380	10390	10399	10409	10419	10422	10425	10428	10431	10434	10438
Other fractions rejected	10639	10591	10543	10496	10449	10402	10355	10308	10324	10333	10342	10352	10361	10370	10380	10390	10399	10409	10419	10422	10425	10428	10431	10434	10438
Total Residues	21278	21182	21087	20992	20897	20803	20709	20616	20647	20666	20684	20704	20722	20741	20760	20779	20799	20818	20838	20844	20850	20856	20862	20869	20875

MRF Input	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047
Paper	50,085	49,859	49,635	49,411	49,188	48,966	48,746	48,526	48,599	48,643	48,687	48,731	48,776	48,820	48,865	48,911	48,956	49,002	49,048	49,062	49,076	49,090	49,106	49,121	49,137
Paper Packaging	25,357	25,243	25,129	25,016	24,903	24,791	24,679	24,568	24,605	24,627	24,649	24,672	24,694	24,717	24,740	24,763	24,786	24,809	24,832	24,839	24,846	24,854	24,861	24,869	24,877
Paper non packaging	24,728	24,617	24,506	24,395	24,285	24,176	24,067	23,958	23,994	24,016	24,038	24,060	24,081	24,104	24,126	24,148	24,171	24,193	24,216	24,223	24,230	24,237	24,244	24,252	24,260
Plastic	37,907	37,736	37,566	37,396	37,228	37,060	36,893	36,727	36,782	36,815	36,848	36,882	36,916	36,949	36,984	37,018	37,052	37,087	37,122	37,132	37,143	37,154	37,165	37,177	37,189
Plastic packaging	25,777	25,660	25,545	25,430	25,315	25,201	25,087	24,974	25,012	25,034	25,057	25,080	25,103	25,126	25,149	25,172	25,196	25,219	25,243	25,250	25,257	25,265	25,272	25,280	25,288
Plastic non packaging	12,130	12,075	12,021	11,967	11,913	11,859	11,806	11,753	11,770	11,781	11,791	11,802	11,813	11,824	11,835	11,846	11,857	11,868	11,879	11,882	11,886	11,889	11,893	11,896	11,900
Glass	11,851	11,797	11,744	11,691	11,639	11,586	11,534	11,482	11,499	11,510	11,520	11,531	11,541	11,552	11,562	11,573	11,584	11,595	11,606	11,609	11,612	11,616	11,619	11,623	11,626
Glass packaging	8,296	8,258	8,221	8,184	8,147	8,110	8,074	8,037	8,049	8,057	8,064	8,071	8,079	8,086	8,093	8,101	8,109	8,116	8,124	8,126	8,128	8,131	8,133	8,136	8,138
Glass non packaging	3,555	3,539	3,523	3,508	3,492	3,476	3,460	3,445	3,450	3,453	3,456	3,459	3,462	3,466	3,469	3,472	3,475	3,479	3,482	3,483	3,484	3,485	3,486	3,487	3,488
Metal	6,549	6,519	6,490	6,461	6,431	6,402	6,374	6,345	6,354	6,360	6,366	6,372	6,378	6,383	6,389	6,395	6,401	6,407	6,413	6,415	6,417	6,419	6,421	6,423	6,425
Metal packaging	5,164	5,140	5,117	5,094	5,071	5,048	5,026	5,003	5,010	5,015	5,020	5,024	5,029	5,033	5,038	5,043	5,047	5,052	5,057	5,058	5,060	5,061	5,063	5,064	5,066
Metal non packaging	1,385	1,379	1,373	1,366	1,360	1,354	1,348	1,342	1,344	1,345	1,346	1,348	1,349	1,350	1,351	1,353	1,354	1,355	1,356	1,357	1,357	1,358	1,358	1,358	1,359
Total Recyclables	106,392	105,912	105,434	104,959	104,486	104,015	103,547	103,080	103,235	103,328	103,421	103,515	103,610	103,705	103,801	103,897	103,994	104,091	104,189	104,218	104,248	104,278	104,310	104,343	104,377
Other fractions rejected																									
Total MRF Input	106,392	105,912	105,434	104,959	104,486	104,015	103,547	103,080	103,235	103,328	103,421	103,515	103,610	103,705	103,801	103,897	103,994	104,091	104,189	104,218	104,248	104,278	104,310	104,343	104,377

Tekst iz prve tablice: Učinak MRF-a (reziduj)

Papir, Papirnata ambalaža, Papirnata neambalaža, Plastika, Plastična ambalaža, Plastična neambalaža, Staklo, Staklena ambalaža, Staklena neambalaža, Metal, Metalna ambalaža, Metalna neambalaža, Ukupna količina odbačenih materijala koje je moguće reciklirati (loša kvaliteta), Ostale odbačene frakcije, Ukupna količina reziduja,

Tekst iz druge tablice: Otpad dovezen u MRF

Papir, Papirnata ambalaža, Papirnata neambalaža, Plastika, Plastična ambalaža, Plastična neambalaža, Staklo, Staklena ambalaža, Staklena neambalaža, Metal, Metalna ambalaža, Metalna neambalaža, Ukupna količina materijala koje je moguće reciklirati, Ostale odbačene frakcije, Ukupan otpad dovezen u MRF

Ja, Paula Jakus, stalni sudski tumač za engleski i talijanski jezik, imenovana rješenjem predsjednika Županijskog suda u Splitu broj 4 Su-686/2017 od 8. ožujka 2018. potvrđujem da gornji prijevod potpuno odgovara izvorniku sastavljenom na engleskom jeziku.

U Splitu, 16. 12. 2019., br. 463-2019.

PAULA JAKUS
21000 SPLIT

Paula Jakus

Annex 4

Waste content and future generation forecast

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LIST OF TABLES

1. INTRODUCTION

This annex provides analytical calculations and assumptions that have been used in order to determine an average waste composition analysis. Also provides assumptions for the recalculation of bulky waste quantities as well as analytical calculations for the waste production in Split-Dalmatia County, taking into consideration the medium scenario for both the forecast of population and the forecast of waste production rate per Transfer Station that will be served specific Towns/Municipalities.

2. MORPHOLOGICAL COMPOSITION OF THE MIXED MUNICIPAL WASTE

As it is mentioned in the main text, during the implementation of the project have been taken place 4 samplings in the following periods:

- 17-22/11/2014
- 13-18/10/2014
- 25-29/8/2014
- 4-9/8/2014

Prior to the sampling, landfill sites were ranked according the following specifications:

1. Percentage coverage of urban and rural regions.
2. Total sample size >75% of total MSW production in the study area.
3. Sampling in regions where a great production of recycling materials is expected.
4. Availability of each landfill during the sampling period.

According to these requirements, the following sampling sites were selected:
„Karepovac“- Split, „Stanišće“- Hvar, „Košer-Brač“, „Kozjačić“- Imotski, „Mojanka“-Sinj, „Ajdanovac“- Vrgorac and „Poljanka“- Vrlika. Sampling wasdonein the timesof04to 10and25 to 29August, October 13 to 18and17 to 22 November.
Samplingwas carried out on"Karepovac" during theseven days, on"Stanišće" during thefour days, on"Košer" for 6 days, on"Mojanka" during thesix days, on"Poljanka" one day, on"Kozjačić" during thefour days, andon"Ajdanovac" for 4 days.
During preparation of the sampling plan, it was taken into consideration to include all urban areas i.e. bigger cities as well as smaller urban areas (as shown in anex). Thus all singularities of the surveyed area were taken into account in order to obtain results as realistic as possible and samples as representative as possible.
Samplingof municipal wasteon 7 landfillscovers about86 % of the population (391.268), or about 88 % of municipalwastein the county (161.130 t). The percentageofurban populationcoveredisapproximately78 % andapproximately22 % rural. Based on these data is assigned a weighting factor to measured values of waste components in the samples in the calculation of the percentage of each component.
During unloading of vehicles and sampling it was taken into consideration that the sample should be as heterogeneous as possible in such a way that it was clutched vertically from top to bottom. The representative sample from the isolated quantity of waste is obtained by the “quartering” method. Upon mixing the sample is formed into a conical pile, which is than flattened and divided into even quarters, the two opposite quarters are removed and the two remaining quarters are mixed again. The procedure is repeated until a sample of required size is obtained. The methodology is adjusted with Addendum 5 of the Ordinance on methods and conditions for disposing of waste, categories and operational requirements for landfill sites (NN 117/07, NN 111/11).

The methodology is designed according to the existing methodology and experience in European Union and adapted to the present conditions in the County, social and economic structure of the County. Methodology for waste sorting requires determination of waste types, characteristics of different waste, amount of waste in the observed sample and the percentage share of different waste types in total waste quantity.
The methodof analysisof wastecan be describedas follows:

- Waste sampleistransferred on thegridwhereit is manuallysorted and sieved throughall threegrids, greaterthan100 mm,40-100mmandlessthan40mm.
- Aftersorting, each fraction is being scaled separately. The resultofthe analysisis amount of waste in every category,
- The resultsare registeredina specialform thatcontains: date of sampling, origin of waste(municipality from which waste was admitted), the totalamount ofwastein the truck, information on the netweight ofeachfractionof waste.

The table shows theamount oftotal disposeddroppinglandfill,wheresamplingisdone,in the county, and the amountof landfilledmixed municipal wastein 2012. The last columnis thenumber of inhabitantscovered bysampling.

Landfill	Totaldisposed(t)	Mixedmunicipalwaste(t)	Number of inhabitants
Ajdanovac /Vrgorac/	2,968	2,968	6,501
Košer /Brač/	4,902	4,298	9,891
Karepovac /Split/	121,611	108,618	292,094
Kozjačić /Imotski/	10,350	10,300	26,272
Mojanka /Sinj/	30,724	30,242	48,349
Poljanak /Vrlika/	261	211	2,159
Stanišće /Hvar/	4,493	4,493	4,493

2.1. RESULTS FOR WASTE COMPOSITION ANALYSIS DERIVED FROM SAMPLING PERIOD 17-22/11/2014

Table 1: Waste composition analysis (17-22/11/2014)

[redacted]

In order to specify the fraction<20 mm that presented in the above table, the following assumptions have been taken into consideration:

- Assumptions for the fraction<20 mm, according the waste composition analysis in Zadar County (Spring 2014)

Paper and Cardboard	6.5%
Plastics	6.9%
Glass	3.9%
Metal	4.0%
Other waste (earth, dust, sand, undefined)	8.5%
Skin and Bones	1.3%
Garden waste	5.9%
Organic waste	63.0%
Total	***100.0%***

Taking into consideration this assumption the waste composition analysis is estimated as follows:

Table 2: Re-estimation of waste composition analysis (17-22/11/2014) taking into consideration assumptions for the fraction<20 mm from Zadar County waste composition analysis

Organic waste	29.6%
Garden waste	3.8%
Paper	10.7%
Cardboard	5.1%
Tetrapak	5.8%
Plastics (PVC, PP, HDPE, PET, PS)	8.8%
LDPE bags	5.7%
Other plastics	6.1%
Metals Fe	2.6%
Metals Al	1.1%
Glass	5.0%
Wood	1.1%
Textile	4.1%
Rubber-Leather	1.1%
Bones	0.2%
Inert waste	3.4%
Hazardous fraction of municipal waste	1.2%
Diapers	4.7%
Total	***100.0%***

- Assumptions for the fraction<20 mm, according the waste composition analysis in Sibenik County (Spring 2014)

Metal	1.0%
Wood	0.2%
Textile/clothing	0.0%
Paper	4.5%
Glass	2.8%
Plastic	1.5%
Rubber	0.0%
Skin/bones	0.2%
Kitchen waste	32.0%
Garden waste	14.8%
Problematic waste-Diapers	0.0%
Other wastes (earth, dust, sand, etc.)	43.0%
Total	***100.0%***

Taking into consideration this assumption the waste composition analysis is estimated as follows:

Table 3: Re-estimation of waste composition analysis (17-22/11/2014) taking into consideration assumptions for the fraction<20 mm from Sibenik County waste composition analysis

Organic waste	24.6%
Garden waste	5.2%
Paper	10.4%
Cardboard	5.1%
Tetrapak	5.8%
Plastics (PVC, PP, HDPE, PET, PS)	8.8%
LDPE bags	5.7%
Other plastics	5.2%
Metals Fe	2.3%
Metals Al	1.0%
Glass	4.8%
Wood	1.2%
Textile	4.1%
Rubber-Leather	1.1%
Bones	0.0%
Inert waste	8.9%
Hazardous fraction of municipal waste	1.2%
Diapers	4.7%
Total	***100.0%***

- Assumptions for the fraction<20 mm waste, mean value from Zadar Study and Sibenik study

[redacted]

Taking into consideration this assumption the waste composition analysis is estimated as follows:

Table 4: Re-estimation of waste composition analysis (17-22/11/2014) taking into consideration assumptions for the fraction<20 mm the mean value from Zadar and Sibenik Counties

Organic waste	27.1%
Garden waste	4.5%
Paper	10.6%
Cardboard	5.1%
Tetrapak	5.8%
Plastics (PVC, PP, HDPE, PET, PS)	8.8%
LDPE bags	5.7%
Other plastics	5.6%
Metals Fe	2.5%
Metals Al	1.0%
Glass	4.9%
Wood	1.1%
Textile	4.1%
Rubber-Leather	1.1%
Bones	0.1%
Inert waste	6.2%
Hazardous fraction of municipal waste	1.2%
Diapers	4.7%
Total	***100.0%***

2.2. RESULTS FOR WASTE COMPOSITION ANALYSIS DERIVED FROM SAMPLING PERIOD 13-18/10/2014

Table 5: Waste composition analysis (13-18/10/2014)

Metal	3.0%
Wood	2.0%
Textile	7.0%
Paper and cardboard	22.0%
Glass	5.0%
Plastic	21.0%
Rubber	2.0%
Kitchen waste	15.0%
Garden waste	3.0%
Problematic substances (batteries, diapers etc.)	6.0%
fraction<40 mm	14.0%
Total	***100.0%***

In order to specify the fraction<40 mm that presented in the above table, the following assumptions have been taken into consideration:

- Assumptions for the fraction<40 mm, according the waste composition analysis in Zadar County (Spring 2014)

Paper and Cardboard	6.5%
Plastics	6.9%
Glass	3.9%
Metal	4.0%
Other waste (earth, dust, sand, undefined)	8.5%
Skin and Bones	1.3%
Garden waste	5.9%
Organic waste	63.0%
Total	***100.0%***

Taking into consideration this assumption the waste composition analysis is estimated as follows:

Table 6: Re-estimation of waste composition analysis (13-18/10/2014) taking into consideration assumptions for the fraction<40 mm from Zadar County waste composition analysis

Kitchen waste	23.8%
Garden waste	3.8%
Paper and Cardboard	22.9%
Plastics	22.0%
Metals	3.6%
Glass	5.5%
Wood	2.0%
Textile	7.0%
Rubber	2.0%
Skin and Bones	0.2%
Other waste (earth, dust, sand, undefined)	1.2%
Problematic substances (diapers etc.)	6.0%
Total	***100.00%***

- Assumptions for the fraction<40 mm, according the waste composition analysis in Sibenik County (Spring 2014)

Metal	1.0%
Wood	0.2%
Textile/clothing	0.0%
Paper	4.5%
Glass	2.8%
Plastic	1.5%
Rubber	0.0%
Skin/bones	0.2%
Kitchen waste	32.0%
Garden waste	14.8%
Problematic waste-Diapers	0.0%
Other wastes (earth, dust, sand, etc.)	43.0%
Total	***100.0%***

Taking into consideration this assumption the waste composition analysis is estimated as follows:

Table 7: Re-estimation of waste composition analysis (13-18/10/2014) taking into consideration assumptions for the fraction<40 mm from Sibenik County waste composition analysis

Kitchen waste	19.5%
Garden waste	5.1%
Paper and Cardboard	22.6%
Plastics	21.2%
Metals	3.1%
Glass	5.4%
Wood	2.0%
Textile	7.0%
Rubber	2.0%
Skin and Bones	0.0%
Other waste (earth, dust, sand, undefined)	6.0%
Problematic substances (diapers etc.)	6.0%
Total	***100.00%***

- Assumptions for the fraction<40 mm waste, mean value from Zadar Study and Sibenik study

Metal	2.5%
Wood	0.1%
Textile/clothing	0.0%
Paper	5.5%
Glass	3.3%
Plastic	4.2%
Rubber	0.0%
Skin/bones	0.7%
Kitchen waste	47.5%
Garden waste	10.4%
Problematic waste-Diapers	0.0%
Other wastes (earth, dust, sand, etc.)	25.8%
Total	***100.0%***

Taking into consideration this assumption the waste composition analysis is estimated as follows:

Table 8: Re-estimation of waste composition analysis (13-18/10/2014) taking into consideration assumptions for the fraction<40 mm the mean value from Zadar and Sibenik Counties

Kitchen waste	21.6%
Garden waste	4.5%
Paper and Cardboard	22.8%
Plastics	21.6%
Metals	3.4%
Glass	5.5%
Wood	2.0%
Textile	7.0%
Rubber	2.0%
Skin and Bones	0.1%
Other waste (earth, dust, sand, undefined)	3.6%
Problematic substances (diapers etc.)	6.0%
Total	***100.00%***

2.3. RESULTS FOR WASTE COMPOSITION ANALYSIS DERIVED FROM SAMPLING PERIOD 25-29/08/2014

Table 9: Waste composition analysis (25-29/08/2014)

Metal	3.0%
Wood	1.0%
Textile	6.0%
Paper and cardboard	21.0%
Glass	5.0%
Plastic	23.0%
Rubber	3.0%
Kitchen waste	15.0%
Garden waste	5.0%
Problematic substances (batteries, diapers etc.)	4.0%
fraction<40 mm	14.0%
Total	***100.0%***

In order to specify the fraction<40 mm that presented in the above table, the following assumptions have been taken into consideration:

- Assumptions for the fraction<40 mm, according the waste composition analysis in Zadar County (Spring 2014)

Paper and Cardboard	6.5%
Plastics	6.9%
Glass	3.9%
Metal	4.0%
Other waste (earth, dust, sand, undefined)	8.5%
Skin and Bones	1.3%
Garden waste	5.9%
Organic waste	63.0%
Total	***100.0%***

Taking into consideration this assumption the waste composition analysis is estimated as follows:

Table 10: Re-estimation of waste composition analysis (25-29/08/2014) taking into consideration assumptions for the fraction<40 mm from Zadar County waste composition analysis

Kitchen waste	23.8%
Garden waste	5.8%
Paper and Cardboard	21.9%
Plastics	24.0%
Metals	3.6%
Glass	5.5%
Wood	1.0%
Textile	6.0%
Rubber	3.0%
Bones	0.2%
Construction waste	1.2%
Problematic substances (batteries, diapers etc.)	4.0%
Total	***100.0%***

- Assumptions for the fraction<40 mm, according the waste composition analysis in Sibenik County (Spring 2014)

Metal	1.0%
Wood	0.2%
Textile/clothing	0.0%
Paper	4.5%
Glass	2.8%
Plastic	1.5%
Rubber	0.0%
Skin/bones	0.2%
Kitchen waste	32.0%
Garden waste	14.8%
Problematic waste-Diapers	0.0%
Other wastes (earth, dust, sand, etc.)	43.0%
Total	***100.0%***

Taking into consideration this assumption the waste composition analysis is estimated as follows:

Table 11: Re-estimation of waste composition analysis (25-29/08/2014) taking into consideration assumptions for the fraction<40 mm from Sibenik County waste composition analysis

Kitchen waste	19.5%
Garden waste	7.1%
Paper and Cardboard	21.6%
Plastics	23.2%
Metals	3.1%
Glass	5.4%
Wood	1.0%
Textile	6.0%
Rubber	3.0%
Bones	0.0%
Construction waste	6.0%
Problematic substances (batteries, diapers etc.)	4.0%
Total	***100.0%***

- Assumptions for the fraction<40 mm waste, mean value from Zadar Study and Sibenik study

Metal	2.5%
Wood	0.1%
Textile/clothing	0.0%
Paper	5.5%
Glass	3.3%
Plastic	4.2%
Rubber	0.0%
Skin/bones	0.7%
Kitchen waste	47.5%
Garden waste	10.4%
Problematic waste-Diapers	0.0%
Other wastes (earth, dust, sand, etc.)	25.8%
Total	***100.0%***

Taking into consideration this assumption the waste composition analysis is estimated as follows:

Table 12: Re-estimation of waste composition analysis (25-29/08/2014) taking into consideration assumptions for the fraction<40 mm the mean value from Zadar and Sibenik Counties

Kitchen waste	21.6%
Garden waste	6.5%
Paper and Cardboard	21.8%
Plastics	23.6%
Metals	3.4%
Glass	5.5%
Wood	1.0%
Textile	6.0%
Rubber	3.0%
Bones	0.1%
Construction waste	3.6%
Problematic substances (batteries, diapers etc.)	4.0%
Total	***100.0%***

2.4. RESULTS FOR WASTE COMPOSITION ANALYSIS DERIVED FROM SAMPLING PERIOD 04-09/08/2014

Table 13: Waste composition analysis (04-09/08/2014)

Metal	5.0%
Wood	2.0%
Textile	7.0%
Paper and cardboard	25.0%
Glass	6.0%
Plastic	22.0%
Rubber	3.0%
Kitchen waste	10.0%
Garden waste	4.0%
Problematic substances (batteries, diapers etc.)	5.0%
fraction<40 mm	11.0%
Total	***100.0%***

In order to specify the fraction<40 mm that presented in the above table, the following assumptions have been taken into consideration:

- Assumptions for the fraction<40 mm, according the waste composition analysis in Zadar County (Spring 2014)

Paper and Cardboard	6.5%
Plastics	6.9%
Glass	3.9%
Metal	4.0%
Other waste (earth, dust, sand, undefined)	8.5%
Skin and Bones	1.3%
Garden waste	5.9%
Organic waste	63.0%
Total	***100.0%***

Taking into consideration this assumption the waste composition analysis is estimated as follows:

Table 14: Re-estimation of waste composition analysis (04-09/08/2014) taking into consideration assumptions for the fraction<40 mm from Zadar County waste composition analysis

Kitchen waste	16.9%
Garden waste	4.6%
Paper and Cardboard	25.7%
Plastics	22.8%
Metals	5.4%
Glass	6.4%
Wood	2.0%
Textile	7.0%
Rubber	3.0%
Bones	0.1%
Construction waste	0.9%
Problematic substances (batteries, diapers etc.)	5.0%
Total	***100.0%***

- Assumptions for the fraction<40 mm, according the waste composition analysis in Sibenik County (Spring 2014)

Metal	1.0%
Wood	0.2%
Textile/clothing	0.0%
Paper	4.5%
Glass	2.8%
Plastic	1.5%
Rubber	0.0%
Skin/bones	0.2%
Kitchen waste	32.0%
Garden waste	14.8%
Problematic waste-Diapers	0.0%
Other wastes (earth, dust, sand, etc.)	43.0%
Total	***100.0%***

Taking into consideration this assumption the waste composition analysis is estimated as follows:

Kitchen waste	13.5%
Garden waste	5.6%
Paper and Cardboard	25.5%
Plastics	22.2%
Metals	5.1%
Glass	6.3%
Wood	2.0%
Textile	7.0%
Rubber	3.0%
Bones	0.0%
Construction waste	4.7%
Problematic substances (batteries, diapers etc.)	5.0%
Total	***100.0%***

- Assumptions for the fraction<40 mm waste, mean value from Zadar Study and Sibenik study

Metal	2.5%
Wood	0.1%
Textile/clothing	0.0%
Paper	5.5%
Glass	3.3%
Plastic	4.2%
Rubber	0.0%
Skin/bones	0.7%
Kitchen waste	47.5%
Garden waste	10.4%
Problematic waste-Diapers	0.0%
Other wastes (earth, dust, sand, etc.)	25.8%
Total	***100.0%***

Taking into consideration this assumption the waste composition analysis is estimated as follows:

Table 15: Re-estimation of waste composition analysis (04-09/08/2014) taking into consideration assumptions for the fraction<40 mm the mean value from Zadar and Sibenik Counties

Kitchen waste	15.2%
Garden waste	5.1%
Paper and Cardboard	25.6%
Plastics	22.5%
Metals	5.3%
Glass	6.4%
Wood	2.0%
Textile	7.0%
Rubber	3.0%
Bones	0.1%
Construction waste	2.8%
Problematic substances (batteries, diapers etc.)	5.0%
Total	***100.0%***

2.5. SUMMARY OF WASTE COMPOSITION ANALYSIS DERIVED FROM THE FOUR SAMPLING PERIODS

The following tables are summary tables that presents the four waste composition analyzes (including the assumptions that presented in previous paragraphs) and also includes a mean value derived from the waste composition analyzes that elaborated in sampling periods 4-9/8/2014 and 25-29/8/2014.

Table 16: Summary table taking into consideration assumptions for the fractions <20 mm and <40 mm from Zadar County waste composition analysis

	4-9/8/2014	25-29/8/2014	13-18/10/2014	*Mean value 25-29/8/2014 & 13-18/10/2014*	17-22/11/2014
Kitchen waste	16.9%	23.8%	23.8%	*23.8%*	29.6%
Garden waste	4.6%	5.8%	3.8%	*4.8%*	3.8%
Paper and Cardboard	25.7%	21.9%	22.9%	*22.4%*	21.6%
Plastics	22.8%	24.0%	22.0%	*23.0%*	20.6%
Metals	5.4%	3.6%	3.6%	*3.6%*	3.7%
Glass	6.4%	5.5%	5.5%	*5.5%*	5.0%
Wood	2.0%	1.0%	2.0%	*1.5%*	1.1%
Textile	7.0%	6.0%	7.0%	*6.5%*	4.1%
Rubber	3.0%	3.0%	2.0%	*2.5%*	1.1%
Skin and bones	0.1%	0.2%	0.2%	*0.2%*	0.2%
Other waste (earth, dust, sand, undefined)	0.9%	1.2%	1.2%	*1.2%*	3.4%
Problematic substances (diapers, batteries, etc)	5.0%	4.0%	6.0%	*5.0%*	5.9%
Total	**100.0%**	**100.0%**	**100.0%**	***100.0%***	**100.0%**

Taking into consideration the fact that waste composition analysis of sampling period 17-22/11/2015 has been given in a more detailed format the above table can be presented in the following way

Table 17: Summary table in detail format taking into consideration assumptions for the fractions <20 mm and <40 mm from Zadar County waste composition analysis

	4-9/8/2014	25-29/8/2014	13-18/10/2014	*Mean value 25-29/8/2014 & 13-18/10/2014*	17-22/11/2014
Organic waste (kitchen waste)	16.9%	23.8%	23.8%	*23.8%*	29.6%
Garden waste	4.6%	5.8%	3.8%	*4.8%*	3.8%
Paper	**12.8%**	**10.9%**	**11.4%**	***11.2%***	10.7%
Cardboard	**6.0%**	**5.1%**	**5.4%**	***5.3%***	5.1%
Tetrapak	**6.9%**	**5.9%**	**6.1%**	***6.0%***	5.8%
Plastics (PVC, PP, HDPE, PET, PS)	**9.7%**	**10.3%**	**9.4%**	***9.8%***	8.8%
LDPE bags	**6.3%**	**6.6%**	**6.1%**	***6.4%***	5.7%
Other plastics	**6.7%**	**7.1%**	**6.5%**	***6.8%***	6.1%
Metals Fe	**3.8%**	**2.5%**	**2.5%**	***2.5%***	2.6%
Metals Al	**1.6%**	**1.0%**	**1.0%**	***1.0%***	1.1%
Glass	6.4%	5.5%	5.5%	*5.5%*	5.0%
Wood	2.0%	1.0%	2.0%	*1.5%*	1.1%
Textile	7.0%	6.0%	7.0%	*6.5%*	4.1%
Rubber-Leather	3.0%	3.0%	2.0%	*2.5%*	1.1%
Bones	0.1%	0.2%	0.2%	*0.2%*	0.2%
Other waste (earth, dust, sand, undefined)	0.9%	1.2%	1.2%	*1.2%*	3.4%
Hazardous fraction of municipal waste	**1.0%**	**0.8%**	**1.2%**	***1.0%***	1.2%
Diapers	**4.0%**	**3.2%**	**4.8%**	***4.0%***	4.7%
Total	***100.0%***	***100.0%***	***100.0%***	***100.0%***	***100.0%***

Note: the red percentages have been calculated taking into consideration the analysis of period 17-22/11/2014

Table 18: Summary table taking into consideration assumptions for the fractions <20 mm and <40 mm fromSibenik County waste composition analysis

	4-9/8/2014	25-29/8/2014	13-18/10/2014	*Mean value 25-29/8/2014 & 13-18/10/2014*	17-22/11/2014
Kitchen waste	13.5%	19.5%	19.5%	*19.5%*	24.6%
Garden waste	5.6%	7.1%	5.1%	*6.1%*	5.2%
Paper and Cardboard	25.5%	21.6%	22.6%	*22.1%*	21.3%
Plastics	22.2%	23.2%	21.2%	*22.2%*	19.7%
Metals	5.1%	3.1%	3.1%	*3.1%*	3.3%
Glass	6.3%	5.4%	5.4%	*5.4%*	4.8%
Wood	2.0%	1.0%	2.0%	*1.5%*	1.2%
Textile	7.0%	6.0%	7.0%	*6.5%*	4.1%
Rubber	3.0%	3.0%	2.0%	*2.5%*	1.1%
Skin and bones	0.0%	0.0%	0.0%	*0.0%*	0.0%
Other waste (earth, dust, sand, undefined)	4.7%	6.0%	6.0%	*6.0%*	8.9%
Problematic substances (diapers, batteries, etc)	5.0%	4.0%	6.0%	*5.0%*	5.9%
Total	**100.0%**	**100.0%**	**100.0%**	***100.0%***	**100.0%**

Table 19: Summary table in detail format taking into consideration assumptions for the fractions <20 mm and <40 mm from Sibenik County waste composition analysis

	4-9/8/2014	25-29/8/2014	13-18/10/2014	*Mean value 25-29/8/2014 & 13-18/10/2014*	17-22/11/2014
Organic waste (kitchen waste)	13.5%	19.5%	19.5%	*19.5%*	24.6%
Garden waste	5.6%	7.1%	5.1%	*6.1%*	5.2%
Paper	**12.5%**	**10.6%**	**11.1%**	***10.8%***	10.4%
Cardboard	**6.1%**	**5.1%**	**5.4%**	***5.3%***	5.1%
Tetrapak	**6.9%**	**5.9%**	**6.2%**	***6.0%***	5.8%
Plastics (PVC, PP, HDPE, PET, PS)	**9.9%**	**10.4%**	**9.5%**	***9.9%***	8.8%
LDPE bags	**6.4%**	**6.7%**	**6.1%**	***6.4%***	5.7%
Other plastics	**5.9%**	**6.1%**	**5.6%**	***5.9%***	5.2%
Metals Fe	**3.6%**	**2.2%**	**2.2%**	***2.2%***	2.3%
Metals Al	**1.5%**	**0.9%**	**0.9%**	***0.9%***	1.0%
Glass	6.3%	5.4%	5.4%	*5.4%*	4.8%
Wood	2.0%	1.0%	2.0%	*1.5%*	1.2%
Textile	7.0%	6.0%	7.0%	*6.5%*	4.1%
Rubber-Leather	3.0%	3.0%	2.0%	*2.5%*	1.1%
Bones	0.0%	0.0%	0.0%	*0.0%*	0.0%
Other waste (earth, dust, sand, undefined)	4.7%	6.0%	6.0%	*6.0%*	8.9%
Hazardous fraction of municipal waste	**1.0%**	**0.8%**	**1.2%**	***1.0%***	1.2%
Diapers	**4.0%**	**3.2%**	**4.8%**	***4.0%***	4.7%
Total	***100.0%***	***100.0%***	***100.0%***	***100.0%***	***100.0%***

Note: the red percentages have been calculated taking into consideration the analysis of period 17-22/11/2014

Table 20: Summary table taking into consideration assumptions for the fractions <20 mm and <40 mm from mean values of Sibenik County and Zadar County waste composition analysis

	4-9/8/2014	25-29/8/2014	13-18/10/2014	*Mean value 25-29/8/2014 & 13-18/10/2014*	17-22/11/2014
Kitchen waste	15.2%	21.6%	21.6%	*21.6%*	27.1%
Garden waste	5.1%	6.5%	4.5%	*5.5%*	4.5%
Paper and Cardboard	25.6%	21.8%	22.8%	*22.3%*	21.4%
Plastics	22.5%	23.6%	21.6%	*22.6%*	20.1%
Metals	5.3%	3.4%	3.4%	*3.4%*	3.5%
Glass	6.4%	5.5%	5.5%	*5.5%*	4.9%
Wood	2.0%	1.0%	2.0%	*1.5%*	1.1%
Textile	7.0%	6.0%	7.0%	*6.5%*	4.1%
Rubber	3.0%	3.0%	2.0%	*2.5%*	1.1%
Skin and bones	0.1%	0.1%	0.1%	*0.1%*	0.1%
Other waste (earth, dust, sand, undefined)	2.8%	3.6%	3.6%	*3.6%*	6.2%
Problematic substances (diapers, batteries, etc)	5.0%	4.0%	6.0%	*5.0%*	5.9%
Total	**100.0%**	**100.0%**	**100.0%**	***100.0%***	**100.0%**

Table 21: Summary table in detail format taking into consideration assumptions for the fractions <20 mm and <40 mm from mean values of Sibenik County and Zadar County waste composition analysis

	4-9/8/2014	25-29/8/2014	13-18/10/2014	*Mean value 25-29/8/2014 & 13-18/10/2014*	17-22/11/2014
Organic waste (kitchen waste)	15.2%	21.6%	21.6%	*21.6%*	27.1%
Garden waste	5.1%	6.5%	4.5%	*5.5%*	4.5%
Paper	**12.5%**	**10.7%**	**11.2%**	***10.9%***	10.6%
Cardboard	**6.1%**	**5.2%**	**5.4%**	***5.3%***	5.1%
Tetrapak	**7.0%**	**5.9%**	**6.2%**	***6.1%***	5.8%
Plastics (PVC, PP, HDPE, PET, PS)	**10.0%**	**10.5%**	**9.6%**	***10.1%***	8.8%
LDPE bags	**6.5%**	**6.8%**	**6.2%**	***6.5%***	5.7%
Other plastics	**5.9%**	**6.2%**	**5.7%**	***6.0%***	5.6%
Metals Fe	**3.7%**	**2.4%**	**2.4%**	***2.4%***	2.5%
Metals Al	**1.5%**	**1.0%**	**1.0%**	***1.0%***	1.0%
Glass	6.4%	5.5%	5.5%	*5.5%*	4.9%
Wood	2.0%	1.0%	2.0%	*1.5%*	1.1%
Textile	7.0%	6.0%	7.0%	*6.5%*	4.1%
Rubber-Leather	3.0%	3.0%	2.0%	*2.5%*	1.1%
Bones	0.1%	0.1%	0.1%	*0.1%*	0.1%
Other waste (earth, dust, sand, undefined)	2.8%	3.6%	3.6%	*3.6%*	6.2%
Hazardous fraction of municipal waste	**1.0%**	**0.8%**	**1.2%**	***1.0%***	1.2%
Diapers	**4.0%**	**3.2%**	**4.8%**	***4.0%***	4.7%
Total	***100.0%***	***100.0%***	***100.0%***	***100.0%***	***100.0%***

Note: the red percentages have been calculated taking into consideration the analysis of period 17-22/11/2014

2.6. FINAL RESULTS FOR WASTE COMPOSITION ANALYSIS

In order to estimate an average waste composition analysis that will be used in further calculations of the project the following assumptions have been taken into considerationregarding the share of each sampling period in the total year:

- Waste composition analysis in period 4-9/8/2014 : share 25%
- Waste composition analysis in period 25-29/8/2014 & 13-18/10/2014 (mean value): share 50%
- Waste composition analysis in period 17-22/11/2014: share 25%

Following the above assumptions the following results were obtained:

Table 22: Average waste composition analysis for Split-Dalmatia County taking into consideration assumptions from Zadar Waste Composition analysis Report and assumptions regarding the sharing of each sampling period

	Average waste composition
Kitchen waste	23.5%
Garden waste	4.5%
Paper and Cardboard	23.0%
Plastics	22.3%
Metals	4.1%
Glass	5.6%
Wood	1.5%
Textile	6.0%
Rubber	2.3%
Skin and bones	0.2%
Other waste (earth, dust, sand, undefined)	1.7%
Problematic substances (diapers, batteries, etc)	5.2%
Total	**100.0%**

Table 23: Average waste composition analysis in detail format for Split-Dalmatia County taking into consideration assumptions from Zadar Waste Composition analysis Report and assumptions regarding the sharing of each sampling period

	Average waste composition
Organic waste (kitchen waste)	23.5%
Garden waste	4.5%
Paper	**11.5%**
Cardboard	**5.4%**
Tetrapak	**6.2%**
Plastics (PVC, PP, HDPE, PET, PS)	**9.5%**
LDPE bags	**6.2%**
Other plastics	**6.6%**
Metals Fe	**2.9%**
Metals Al	**1.2%**
Glass	5.6%
Wood	1.5%
Textile	6.0%
Rubber-Leather	2.3%
Bones	0.2%
Other waste (earth, dust, sand, undefined)	1.7%
Hazardous fraction of municipal waste	**1.0%**
Diapers	**4.2%**
Total	***100.0%***

Note: the red percentages have been calculated taking into consideration the analysis of period 17-22/11/2014

Table 24: Average waste composition analysis for Split-Dalmatia County taking into consideration assumptions from Sibenik Waste Composition analysis Report and assumptions regarding the sharing of each sampling period

	Average waste composition
Kitchen waste	19.3%
Garden waste	5.7%
Paper and Cardboard	22.7%
Plastics	21.6%
Metals	3.7%
Glass	5.5%
Wood	1.6%
Textile	6.0%
Rubber	2.3%
Skin and bones	0.0%
Other waste (earth, dust, sand, undefined)	6.4%
Problematic substances (diapers, batteries, etc)	5.2%
Total	**100.0%**

Table 25: Average waste composition analysis in detail format for Split-Dalmatia County taking into consideration assumptions from Sibenik Waste Composition analysis Report and assumptions regarding the sharing of each sampling period

	Average waste composition
Organic waste (kitchen waste)	19.3%
Garden waste	5.7%
Paper	**11.1%**
Cardboard	**5.4%**
Tetrapak	**6.2%**
Plastics (PVC, PP, HDPE, PET, PS)	**9.6%**
LDPE bags	**6.2%**
Other plastics	**5.7%**
Metals Fe	**2.6%**
Metals Al	**1.1%**
Glass	5.5%
Wood	1.6%
Textile	6.0%
Rubber-Leather	2.3%
Bones	0.0%
Other waste (earth, dust, sand, undefined)	6.4%
Hazardous fraction of municipal waste	**1.0%**
Diapers	**4.2%**
Total	***100.0%***

Note: the red percentages have been calculated taking into consideration the analysis of period 17-22/11/2014

Table 26: Average waste composition analysis for Split-Dalmatia County taking into consideration assumptions from mean value of Sibenik and Zadar Waste Composition analysis Report and assumptions regarding the sharing of each sampling period

	Average waste composition
Kitchen waste	21.4%
Garden waste	5.1%
Paper and Cardboard	22.9%
Plastics	21.9%
Metals	3.9%
Glass	5.6%
Wood	1.5%
Textile	6.0%
Rubber	2.3%
Skin and bones	0.1%
Other waste (earth, dust, sand, undefined)	4.0%
Problematic substances (diapers, batteries, etc)	5.2%
Total	**100.0%**

Table 27: Average waste composition analysis in detail format for Split-Dalmatia County taking into consideration assumptions from mean value of Sibenik and Zadar Waste Composition analysis Report and assumptions regarding the sharing of each sampling period

	Average waste composition
Organic waste (kitchen waste)	21.4%
Garden waste	5.1%
Paper	**11.3%**
Cardboard	**5.4%**
Tetrapak	**6.2%**
Plastics (PVC, PP, HDPE, PET, PS)	**9.6%**
LDPE bags	**6.2%**
Other plastics	**6.1%**
Metals Fe	**2.7%**
Metals Al	**1.1%**
Glass	5.6%
Wood	1.5%
Textile	6.0%
Rubber-Leather	2.3%
Bones	0.1%
Other waste (earth, dust, sand, undefined)	4.0%
Hazardous fraction of municipal waste	**1.0%**
Diapers	**4.2%**
Total	***100.0%***

Note: the red percentages have been calculated taking into consideration the analysis of period 17-22/11/2014

The waste composition analysis that presented in tables 27 and 28 constitutes the waste composition analysis for Split Dalmatia County that will be used in further calculations.

3. CALCULATION FOR THE TOTAL PRODUCTION OF MUNICIPAL WASTE IN SPLIT-DALMATIA COUNTY PER TS

Considering the fact that the transport of waste to the Waste Management Center will be implemented through Transfer Stations that will serve specific Towns/Municipalities, in order to calculate more accurate the forecast of produced waste until 2047, the sharing of each Town/Municipality in the 6 Transfer Station was performed. The following table presents the sharing of each Town/Municipality of Split-Dalmatia County in 6 Transfer Stations.

Table 28: Transfer Stations Overview

Transfer Stations	Towns/Municipalities that will be served	Estimation of Population for 2015 (permanent)	Tourist nights (according Bureau of statistics for year 2015)	Tourist nights (according Bureau of statistics for year 2016)
Directly to WMC	Trogir	13,223	391,071	440,886
	Seget	4,741	600,006	694,526
	Okrug	3,600	641,927	557,687
	Marina	4,673	264,598	293,680
	Total	**26,237**	**1,897,602**	**1,986,779**
Split	Split	173,109	1,339,598	1,717,396
	Kastela	40,586	277,370	356,895
	Solin	25,564	32,079	46,129
	Dugopolje	3,782	29,399	34,272
	Podstrana	10,862	483,055	497,943
	Omis	14,798	759,457	829,440
	DugiRat	7,060	243,977	300,006
	Zadvarje	301	1,000	1,485
	Sestanovac	1,769	1,137	5,087
	Klis	5,020	0	5,747
	Solta	2,050	109,159	128,344
	Total	**284,901**	**3,276,231**	**3,922,744**
Sinj	Sinj	24,617	15,764	14,803
	Hrvace	3,150	915	2,124
	Dicmo	2,867	3,085	4,686
	Trilj	8,621	11,812	13,128
	Otok	5,253	0	1,664
	Vrlika	1,930	0	0
	Total	**46,438**	**31,576**	**36,405**
Zagvozd	Gradimotski	10,587	18,769	13,382
	Vrgorac	5,911	6,192	5,623
	Baskavoda	2,883	982,762	1,050,319
	Brela	1,714	568,889	583,081
	Makarska	14,217	1,115,435	1,346,104
	Tucepi	1,991	664,133	677,623
	Podgora	2,508	892,369	919,825
	CistaProvo	1,992	1,500	2,966
	Lovrec	1,442	0	457
	Lokvicici	665	0	0

Transfer Stations	Towns/Municipalities that will be served	Estimation of Population for 2015 (permanent)	Tourist nights (according Bureau of statistics for year 2015)	Tourist nights (according Bureau of statistics for year 2016)
	Prolozac	3,464	0	4,003
	Podbablje	4,428	0	7,840
	Zmizavci	1,957	0	5,024
	Runovici	2,243	0	711
	Zagvozd	1,006	0	3,241
	Gradac	3,077	899,090	870,751
	Total	**60,085**	**5,149,139**	**5,490,949**
Brac	Pucisca	2,153	23,444	25,579
	Nerezisca	890	0	9,157
	Selca	1,802	73,342	86,774
	Bol	1,751	562,052	655,864
	Sutivan	907	91,554	101,343
	Postira	1,582	86,643	121,925
	Milna	1,161	61,910	74,725
	Supetar	4,362	498,962	633,256
	Total	**14,608**	**1,397,907**	**1,708,623**
Vis	Vis	2,035	139,030	161,978
	Komiza	1,524	74,864	102,767
	Total	3,559	213,894	264,745
Hvar	StariGrad	2,867	196,508	210,189
	Hvar	4,440	586,538	655,868
	Jelsa	3,691	472,582	546,286
	Sucuraj	500	66,590	56,759
	Total	**11,498**	**1,322,218**	**1,469,102**
Directly to WMC	Muc	3,738	0	480
	Lecevica	471	238	651
	Prgomet	579	0	182
	PrimorskiDolac	727	0	230
	Total	**5,515**	**238**	**1,543**
TOTAL		**452,841**	**13,288,805**	**14,880,891**

According the data that presented in the above table and the assumptions that have been taken into consideration for the forecast of population (permanent and seasonal) and the forecast of waste production rate (calculated with the low scenario), the following tables resulting:

Table 29: Forecast of produced municipal waste for the towns/municipalities of Trogir, Seget, Okrug and Marina

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	Average 2023-2047
Permanent population	*26,237*	*26,232*	*26,227*	*26,221*	*26,216*	*26,211*	*26,206*	*26,156*	*26,106*	*26,056*	*26,007*	*25,958*	*25,908*	*25,859*	*25,810*	*25,761*	*25,712*	*25,645*	*25,578*	*25,512*	*25,445*	*25,379*	*25,313*	*25,248*	*25,182*	*25,116*	*25,051*	*24,966*	*24,881*	*24,796*	*24,712*	*24,628*	*24,544*	
Tourist nights	2,182,242	2,284,796	2,136,386	2,214,934	2,293,482	2,372,029	2,450,577	2,529,125	2,607,673	2,686,221	2,764,769	2,843,316	2,921,864	3,000,412	3,078,960	3,157,508	3,236,056	3,314,603	3,393,151	3,471,699	3,550,247	3,628,795	3,707,343	3,785,890	3,864,438	3,942,986	4,021,534	4,100,082	4,178,630	4,257,177	4,335,725	4,414,273	4,492,821	
Seasonal population	5,979	6,260	5,853	6,068	6,284	6,499	6,714	6,929	7,144	7,360	7,575	7,790	8,005	8,220	8,436	8,651	8,866	9,081	9,296	9,512	9,727	9,942	10,157	10,372	10,588	10,803	11,018	11,233	11,448	11,663	11,879	12,094	12,309	
Total population	32,216	32,491	32,080	32,290	32,500	32,709	32,919	33,085	33,250	33,416	33,582	33,747	33,913	34,079	34,245	34,412	34,578	34,726	34,875	35,023	35,172	35,321	35,470	35,620	35,769	35,919	36,069	36,199	36,329	36,460	36,591	36,722	36,854	
Waste production t	**18,108**	**18,110**	**17,821**	**17,701**	**17,582**	**17,464**	**17,346**	**17,202**	**17,125**	**17,048**	**16,971**	**16,894**	**16,818**	**16,742**	**16,667**	**16,592**	**16,617**	**16,632**	**16,647**	**16,662**	**16,677**	**16,692**	**16,708**	**16,723**	**16,739**	**16,755**	**16,770**	**16,775**	**16,780**	**16,785**	**16,790**	**16,795**	**16,800**	**16,768**
(kg/ca/year)	*562*	*557*	*556*	*548*	*541*	*534*	*527*	*520*	*515*	*510*	*505*	*501*	*496*	*491*	*487*	*482*	*481*	*479*	*477*	*476*	*474*	*473*	*471*	*469*	*468*	*466*	*465*	*463*	*462*	*460*	*459*	*457*	*456*	

Table 30: Forecast of produced municipal waste for the towns/municipalities that will be served from Split TS

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	Average 2023-2047
Permanent population corresponds to TS Split	*284,901*	*284,844*	*284,787*	*284,730*	*284,673*	*284,616*	*284,559*	*284,019*	*283,479*	*282,940*	*282,403*	*281,866*	*281,331*	*280,796*	*280,263*	*279,730*	*279,199*	*278,473*	*277,749*	*277,027*	*276,306*	*275,588*	*274,871*	*274,157*	*273,444*	*272,733*	*272,024*	*271,099*	*270,177*	*269,259*	*268,343*	*267,431*	*266,522*	
Tourist nights	3,767,665	4,511,156	4,218,131	4,373,218	4,528,305	4,683,392	4,838,478	4,993,565	5,148,652	5,303,738	5,458,825	5,613,912	5,768,999	5,924,085	6,079,172	6,234,259	6,389,346	6,544,432	6,699,519	6,854,606	7,009,693	7,164,779	7,319,866	7,474,953	7,630,039	7,785,126	7,940,213	8,095,300	8,250,386	8,405,473	8,560,560	8,715,647	8,870,733	
Seasonal population	10,322	12,359	11,557	11,981	12,406	12,831	13,256	13,681	14,106	14,531	14,956	15,381	15,805	16,230	16,655	17,080	17,505	17,930	18,355	18,780	19,205	19,630	20,054	20,479	20,904	21,329	21,754	22,179	22,604	23,029	23,454	23,878	24,303	
Total population	295,223	297,203	296,344	296,712	297,079	297,447	297,815	297,700	297,585	297,471	297,358	297,247	297,136	297,027	296,918	296,810	296,704	296,403	296,104	295,806	295,511	295,217	294,926	294,636	294,348	294,062	293,778	293,278	292,781	292,287	291,797	291,309	290,825	
Waste production t	**131,321**	**131,335**	**129,239**	**128,371**	**127,507**	**126,649**	**125,795**	**124,755**	**124,192**	**123,632**	**123,074**	**122,520**	**121,967**	**121,418**	**120,871**	**120,326**	**120,508**	**120,616**	**120,725**	**120,834**	**120,944**	**121,056**	**121,167**	**121,280**	**121,393**	**121,507**	**121,621**	**121,655**	**121,689**	**121,725**	**121,762**	**121,800**	**121,840**	**121,605**

Table 31: Forecast of produced municipal waste for the towns/municipalities that will be served from Sinj TS

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	Average 2023-2047
Permanent population corresponds to TS Sinj	*46,438*	*46,429*	*46,419*	*46,410*	*46,401*	*46,392*	*46,382*	*46,294*	*46,206*	*46,118*	*46,031*	*45,943*	*45,856*	*45,769*	*45,682*	*45,595*	*45,509*	*45,390*	*45,272*	*45,154*	*45,037*	*44,920*	*44,803*	*44,687*	*44,571*	*44,455*	*44,339*	*44,188*	*44,038*	*43,888*	*43,739*	*43,590*	*43,442*	
Tourist nights	36,313	41,866	39,146	40,586	42,025	43,464	44,904	46,343	47,782	49,221	50,661	52,100	53,539	54,979	56,418	57,857	59,296	60,736	62,175	63,614	65,054	66,493	67,932	69,372	70,811	72,250	73,689	75,129	76,568	78,007	79,447	80,886	82,325	
Seasonal population	99	115	107	111	115	119	123	127	131	135	139	143	147	151	155	159	162	166	170	174	178	182	186	190	194	198	202	206	210	214	218	222	226	
Total population	46,537	46,543	46,527	46,521	46,516	46,511	46,505	46,421	46,337	46,253	46,170	46,086	46,003	45,920	45,837	45,754	45,671	45,557	45,443	45,329	45,215	45,102	44,989	44,877	44,765	44,653	44,541	44,394	44,248	44,102	43,957	43,812	43,668	
Waste production t	**31,868**	**31,872**	**31,363**	**31,152**	**30,943**	**30,734**	**30,527**	**30,275**	**30,138**	**30,002**	**29,867**	**29,732**	**29,598**	**29,465**	**29,332**	**29,200**	**29,244**	**29,270**	**29,297**	**29,323**	**29,350**	**29,377**	**29,404**	**29,431**	**29,459**	**29,486**	**29,514**	**29,522**	**29,531**	**29,539**	**29,548**	**29,558**	**29,567**	**29,510**
(kg/ca/year)	*685*	*685*	*674*	*670*	*665*	*661*	*656*	*652*	*650*	*649*	*647*	*645*	*643*	*642*	*640*	*638*	*640*	*643*	*645*	*647*	*649*	*651*	*654*	*656*	*658*	*660*	*663*	*665*	*667*	*670*	*672*	*675*	*677*	

Table 32: Forecast of produced municipal waste for the towns/municipalities that will be served from Zagvozd TS

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	Average 2023-2047
Permanent population corresponds to TS Zagvozd	*60,085*	*60,073*	*60,061*	*60,049*	*60,037*	*60,025*	*60,013*	*59,899*	*59,785*	*59,672*	*59,558*	*59,445*	*59,332*	*59,219*	*59,107*	*58,994*	*58,882*	*58,729*	*58,577*	*58,424*	*58,272*	*58,121*	*57,970*	*57,819*	*57,669*	*57,519*	*57,369*	*57,174*	*56,980*	*56,786*	*56,593*	*56,401*	*56,209*	
Tourist nights	5,921,510	6,314,592	5,904,424	6,121,511	6,338,597	6,555,683	6,772,769	6,989,855	7,206,941	7,424,028	7,641,114	7,858,200	8,075,286	8,292,372	8,509,458	8,726,544	8,943,631	9,160,717	9,377,803	9,594,889	9,811,975	10,029,061	10,246,148	10,463,234	10,680,320	10,897,406	11,114,492	11,331,578	11,548,664	11,765,751	11,982,837	12,199,923	12,417,009	
Seasonal population	16,223	17,300	16,177	16,771	17,366	17,961	18,556	19,150	19,745	20,340	20,935	21,529	22,124	22,719	23,314	23,908	24,503	25,098	25,693	26,287	26,882	27,477	28,072	28,666	29,261	29,856	30,451	31,045	31,640	32,235	32,830	33,424	34,019	
Total population	76,308	77,373	76,237	76,820	77,403	77,986	78,568	79,049	79,530	80,011	80,493	80,974	81,456	81,938	82,420	82,903	83,385	83,827	84,269	84,712	85,155	85,598	86,041	86,485	86,930	87,375	87,820	88,220	88,620	89,021	89,423	89,825	90,228	
Waste production t	**27,958**	**27,961**	**27,515**	**27,330**	**27,146**	**26,963**	**26,781**	**26,560**	**26,440**	**26,321**	**26,202**	**26,084**	**25,967**	**25,850**	**25,733**	**25,617**	**25,656**	**25,679**	**25,702**	**25,725**	**25,749**	**25,773**	**25,796**	**25,820**	**25,844**	**25,869**	**25,893**	**25,900**	**25,907**	**25,915**	**25,923**	**25,931**	**25,939**	**25,889**
(kg/ca/year)	*366*	*361*	*361*	*356*	*351*	*346*	*341*	*336*	*332*	*329*	*326*	*322*	*319*	*315*	*312*	*309*	*308*	*306*	*305*	*304*	*302*	*301*	*300*	*299*	*297*	*296*	*295*	*294*	*292*	*291*	*290*	*289*	*287*	

Table 33: Forecast of produced municipal waste for the towns/municipalities that will be served from Brac TS

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	Average 2023-2047
Permanent population corresponds to TS Brac	*14,608*	*14,605*	*14,602*	*14,599*	*14,596*	*14,593*	*14,590*	*14,563*	*14,535*	*14,507*	*14,480*	*14,452*	*14,425*	*14,398*	*14,370*	*14,343*	*14,316*	*14,278*	*14,241*	*14,204*	*14,167*	*14,130*	*14,094*	*14,057*	*14,021*	*13,984*	*13,948*	*13,900*	*13,853*	*13,806*	*13,759*	*13,712*	*13,666*	
Tourist nights	1,607,593	1,964,916	1,837,284	1,904,835	1,972,386	2,039,937	2,107,488	2,175,039	2,242,590	2,310,140	2,377,691	2,445,242	2,512,793	2,580,344	2,647,895	2,715,446	2,782,997	2,850,547	2,918,098	2,985,649	3,053,200	3,120,751	3,188,302	3,255,853	3,323,403	3,390,954	3,458,505	3,526,056	3,593,607	3,661,158	3,728,709	3,796,260	3,863,810	
Seasonal population	4,404	5,383	5,034	5,219	5,404	5,589	5,774	5,959	6,144	6,329	6,514	6,699	6,884	7,069	7,255	7,440	7,625	7,810	7,995	8,180	8,365	8,550	8,735	8,920	9,105	9,290	9,475	9,660	9,845	10,031	10,216	10,401	10,586	
Total population	19,012	19,988	19,636	19,818	20,000	20,182	20,364	20,522	20,679	20,837	20,994	21,152	21,309	21,467	21,625	21,782	21,940	22,088	22,236	22,384	22,532	22,680	22,829	22,977	23,126	23,274	23,423	23,561	23,699	23,837	23,975	24,113	24,251	
Waste production t	**20,671**	**20,673**	**20,343**	**20,207**	**20,071**	**19,936**	**19,801**	**19,637**	**19,549**	**19,461**	**19,373**	**19,286**	**19,199**	**19,112**	**19,026**	**18,940**	**18,969**	**18,986**	**19,003**	**19,020**	**19,038**	**19,055**	**19,073**	**19,090**	**19,108**	**19,126**	**19,144**	**19,149**	**19,155**	**19,160**	**19,166**	**19,172**	**19,179**	**19,142**
(kg/ca/year)	*1,087*	*1,034*	*1,036*	*1,020*	*1,004*	*988*	*972*	*957*	*945*	*934*	*923*	*912*	*901*	*890*	*880*	*870*	*865*	*860*	*855*	*850*	*845*	*840*	*835*	*831*	*826*	*822*	*817*	*813*	*808*	*804*	*799*	*795*	*791*	

Table 34: Forecast of produced municipal waste for the towns/municipalities that will be served from Vis TS

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	Average 2023-2047
Permanent population corresponds to TS Vis	*3,559*	*3,558*	*3,558*	*3,557*	*3,556*	*3,555*	*3,555*	*3,548*	*3,541*	*3,535*	*3,528*	*3,521*	*3,514*	*3,508*	*3,501*	*3,494*	*3,488*	*3,479*	*3,470*	*3,461*	*3,452*	*3,443*	*3,434*	*3,425*	*3,416*	*3,407*	*3,398*	*3,387*	*3,375*	*3,364*	*3,352*	*3,341*	*3,329*	
Tourist nights	245,978	304,457	284,681	295,147	305,614	316,081	326,548	337,014	347,481	357,948	368,415	378,881	389,348	399,815	410,282	420,749	431,215	441,682	452,149	462,616	473,082	483,549	494,016	504,483	514,949	525,416	535,883	546,350	556,816	567,283	577,750	588,217	598,684	
Seasonal population	674	834	780	809	837	866	895	923	952	981	1,009	1,038	1,067	1,095	1,124	1,153	1,181	1,210	1,239	1,267	1,296	1,325	1,353	1,382	1,411	1,439	1,468	1,497	1,526	1,554	1,583	1,612	1,640	
Total population	4,233	4,392	4,338	4,365	4,393	4,421	4,449	4,471	4,493	4,515	4,537	4,559	4,581	4,603	4,625	4,647	4,669	4,689	4,708	4,728	4,748	4,767	4,787	4,807	4,827	4,846	4,866	4,883	4,901	4,918	4,935	4,952	4,970	
Waste production t	**3,613**	**3,613**	**3,555**	**3,531**	**3,508**	**3,484**	**3,461**	**3,432**	**3,416**	**3,401**	**3,386**	**3,370**	**3,355**	**3,340**	**3,325**	**3,310**	**3,315**	**3,318**	**3,321**	**3,324**	**3,327**	**3,330**	**3,333**	**3,336**	**3,339**	**3,343**	**3,346**	**3,347**	**3,348**	**3,349**	**3,350**	**3,351**	**3,352**	**3,345**
(kg/ca/year)	*853*	*823*	*820*	*809*	*798*	*788*	*778*	*768*	*760*	*753*	*746*	*739*	*732*	*726*	*719*	*712*	*710*	*708*	*705*	*703*	*701*	*699*	*696*	*694*	*692*	*690*	*688*	*685*	*683*	*681*	*679*	*677*	*674*	

Table 35: Forecast of produced municipal waste for the towns/municipalities that will be served from Hvar TS

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	Average 2023-2047
Permanent population corresponds to TS Hvar	*11,498*	*11,496*	*11,493*	*11,491*	*11,489*	*11,487*	*11,484*	*11,462*	*11,441*	*11,419*	*11,397*	*11,376*	*11,354*	*11,332*	*11,311*	*11,289*	*11,268*	*11,239*	*11,209*	*11,180*	*11,151*	*11,122*	*11,093*	*11,064*	*11,036*	*11,007*	*10,978*	*10,941*	*10,904*	*10,867*	*10,830*	*10,793*	*10,756*	
Tourist nights	1,520,551	1,689,467	1,579,727	1,637,808	1,695,890	1,753,971	1,812,053	1,870,134	1,928,215	1,986,297	2,044,378	2,102,459	2,160,541	2,218,622	2,276,703	2,334,785	2,392,866	2,450,947	2,509,029	2,567,110	2,625,191	2,683,273	2,741,354	2,799,435	2,857,517	2,915,598	2,973,679	3,031,761	3,089,842	3,147,923	3,206,005	3,264,086	3,322,167	
Seasonal population	4,166	4,629	4,328	4,487	4,646	4,805	4,965	5,124	5,283	5,442	5,601	5,760	5,919	6,078	6,238	6,397	6,556	6,715	6,874	7,033	7,192	7,351	7,511	7,670	7,829	7,988	8,147	8,306	8,465	8,624	8,784	8,943	9,102	
Total population	15,664	16,124	15,821	15,978	16,135	16,292	16,449	16,586	16,723	16,861	16,998	17,136	17,273	17,411	17,548	17,686	17,824	17,953	18,083	18,213	18,343	18,474	18,604	18,734	18,864	18,995	19,125	19,247	19,369	19,491	19,613	19,736	19,858	
Waste production t	**11,107**	**11,109**	**10,931**	**10,858**	**10,785**	**10,712**	**10,640**	**10,552**	**10,504**	**10,457**	**10,410**	**10,363**	**10,316**	**10,270**	**10,224**	**10,178**	**10,193**	**10,202**	**10,211**	**10,220**	**10,230**	**10,239**	**10,249**	**10,258**	**10,268**	**10,277**	**10,287**	**10,290**	**10,293**	**10,296**	**10,299**	**10,302**	**10,305**	**10,286**
(kg/ca/year)	*709*	*689*	*691*	*680*	*668*	*658*	*647*	*636*	*628*	*620*	*612*	*605*	*597*	*590*	*583*	*575*	*572*	*568*	*565*	*561*	*558*	*554*	*551*	*548*	*544*	*541*	*538*	*535*	*531*	*528*	*525*	*522*	*519*	

Table 36: Forecast of produced municipal waste for the towns/municipalities that will be transferred directly to WMC without TS

Permanent population Muc, Lecevica, Prgomet, Primorski Dolac)	*5,515*	*5,514*	*5,513*	*5,512*	*5,511*	*5,509*	*5,508*	*5,498*	*5,487*	*5,477*	*5,467*	*5,456*	*5,446*	*5,436*	*5,425*	*5,415*	*5,405*	*5,391*	*5,377*	*5,363*	*5,349*	*5,335*	*5,321*	*5,307*	*5,293*	*5,279*	*5,266*	*5,248*	*5,230*	*5,212*	*5,194*	*5,177*	*5,159*	
Tourist nights	274	1,775	1,660	1,721	1,782	1,843	1,904	1,965	2,026	2,087	2,148	2,209	2,270	2,331	2,392	2,453	2,514	2,575	2,636	2,697	2,758	2,819	2,880	2,941	3,002	3,063	3,124	3,185	3,246	3,307	3,368	3,429	3,490	
Seasonal population	1	5	5	5	5	5	5	5	6	6	6	6	6	6	7	7	7	7	7	7	8	8	8	8	8	8	9	9	9	9	9	9	10	
Total population	5,516	5,519	5,517	5,516	5,515	5,515	5,514	5,503	5,493	5,483	5,473	5,462	5,452	5,442	5,432	5,422	5,412	5,398	5,384	5,370	5,356	5,342	5,329	5,315	5,301	5,288	5,274	5,257	5,239	5,221	5,204	5,186	5,169	
Waste production t	**1,750**	**1,750**	**1,722**	**1,711**	**1,699**	**1,688**	**1,676**	**1,663**	**1,655**	**1,648**	**1,640**	**1,633**	**1,625**	**1,618**	**1,611**	**1,604**	**1,606**	**1,607**	**1,609**	**1,610**	**1,612**	**1,613**	**1,615**	**1,616**	**1,618**	**1,619**	**1,621**	**1,621**	**1,622**	**1,622**	**1,623**	**1,623**	**1,624**	**1,621**
	317	*317*	*312*	*310*	*308*	*306*	*304*	*302*	*301*	*301*	*300*	*299*	*298*	*297*	*297*	*296*	*297*	*298*	*299*	*300*	*301*	*302*	*303*	*304*	*305*	*306*	*307*	*308*	*310*	*311*	*312*	*313*	*314*	

Table 37: Forecast of produced municipal waste for the total Split-Dalmatia County

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	Average 2023-2047
Permanent population	452,841	452,750	452,660	452,569	452,479	452,388	452,298	451,438	450,581	449,725	448,870	448,017	447,166	446,316	445,468	444,622	443,777	442,623	441,473	440,325	439,180	438,038	436,899	435,763	434,630	433,500	432,373	430,903	429,438	427,978	426,523	425,073	423,627	**438,516**
Tourist nights	15,282,126	17,113,025	16,001,440	16,589,760	17,178,080	17,766,400	18,354,720	18,943,040	19,531,360	20,119,680	20,708,000	21,296,320	21,884,640	22,472,960	23,061,280	23,649,600	24,237,920	24,826,240	25,414,560	26,002,880	26,591,200	27,179,520	27,767,840	28,356,160	28,944,480	29,532,800	30,121,120	30,709,440	31,297,760	31,886,080	32,474,400	33,062,720	33,651,040	
Seasonal population	41,869	46,885	43,840	45,451	47,063	48,675	50,287	51,899	53,511	55,122	56,734	58,346	59,958	61,570	63,182	64,793	66,405	68,017	69,629	71,241	72,853	74,464	76,076	77,688	79,300	80,912	82,524	84,135	85,747	87,359	88,971	90,583	92,195	**72,853**
Total population	494,710	499,635	496,499	498,021	499,542	501,063	502,585	503,337	504,091	504,847	505,604	506,363	507,124	507,886	508,650	509,416	510,183	510,641	511,102	511,566	512,033	512,503	512,975	513,451	513,930	514,412	514,897	515,039	515,185	515,337	515,494	515,655	515,822	**511,368**
Waste production t	**246,396**	**246,423**	**242,489**	**240,860**	**239,240**	**237,629**	**236,027**	**234,076**	**233,020**	**231,969**	**230,923**	**229,882**	**228,846**	**227,815**	**226,788**	**225,767**	**226,107**	**226,310**	**226,514**	**226,720**	**226,927**	**227,135**	**227,345**	**227,556**	**227,768**	**227,981**	**228,196**	**228,259**	**228,324**	**228,391**	**228,461**	**228,532**	**228,606**	**228,166**
(kg/ca/year)	*498*	*493*	*488*	*484*	*479*	*474*	*470*	*465*	*462*	*459*	*457*	*454*	*451*	*449*	*446*	*443*	*443*	*443*	*443*	*443*	*443*	*443*	*443*	*443*	*443*	*443*	*443*	*443*	*443*	*443*	*443*	*443*	*443*	

4. ANALYTICAL CALCULATIONS OF GOALS ACCORDING NWMP OF RC 2017-2022 AND OF WASTE THAT WILL BE TREATED IN LECEVICA WMC

Goal 1.1 of WMP of RC									-5.00%																											
	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	Average 2023-2047
Total Produced MUNICIPAL WASTE (EWC 20 & 15 01) (t)	246,396	246,423	242,489	240,860	239,240	237,629	236,027	234,076	233,020	231,969	230,923	229,882	228,846	227,815	226,788	225,767	226,107	226,310	226,514	226,720	226,927	227,135	227,345	227,556	227,768	227,981	228,196	228,259	228,324	228,391	228,461	228,532	228,606	228,166
(1) Bulky waste (EWC 20 03 07) (t)	14,504	14,506	14,274	14,178	14,083	13,988	13,894	13,779	13,717	13,655	13,593	13,532	13,471	13,410	13,350	13,290	13,310	13,322	13,334	13,346	13,358	13,370	13,383	13,395	13,407	13,420	13,433	13,436	13,440	13,444	13,448	13,452	13,457	13,431
(2) Garden and park biodegradable waste EWC 20 02 01 (t)	2,498	2,498	2,458	2,442	2,425	2,409	2,393	2,373	2,362	2,352	2,341	2,331	2,320	2,310	2,299	2,289	2,292	2,294	2,296	2,299	2,301	2,303	2,305	2,307	2,309	2,311	2,313	2,314	2,315	2,315	2,316	2,317	2,318	2,313
(3) Special waste EWC 20 01 21*, 20 01 23*, 20 01 33*, 20 01 35* (t)	969	969	953	947	941	934	928	920	916	912	908	904	900	896	892	888	889	890	891	891	892	893	894	895	896	896	897	897	898	898	898	899	899	897
(4) Waste from markets EWC 20 03 02 (t)	90	90	89	88	87	87	86	85	85	85	84	84	84	83	83	82	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	84	83
RECYCLABLE WASTE collected at source (t)	23,032	24,442	27,840	32,592	39,434	51,106	73,211	106,874	106,392	105,912	105,434	104,959	104,486	104,015	103,547	103,080	103,235	103,328	103,421	103,515	103,610	103,705	103,801	103,897	103,994	104,091	104,189	104,218	104,248	104,278	104,310	104,343	104,377	104,175
Paper	6.650%	7.048%	7.853%	8.764%	9.797%	10.970%	15.289%	21.494%	21.494%	21.494%	21.494%	21.494%	21.494%	21.494%	21.494%	21.494%	21.494%	21.494%	21.494%	21.494%	21.494%	21.494%	21.494%	21.494%	21.494%	21.494%	21.494%	21.494%	21.494%	21.494%	21.494%	21.494%	21.494%	21.494%
Paper packaging	4.368%	4.769%	5.166%	5.597%	6.064%	6.570%	8.455%	10.882%	10.882%	10.882%	10.882%	10.882%	10.882%	10.882%	10.882%	10.882%	10.882%	10.882%	10.882%	10.882%	10.882%	10.882%	10.882%	10.882%	10.882%	10.882%	10.882%	10.882%	10.882%	10.882%	10.882%	10.882%	10.882%	10.882%
Paper non packaging	2.282%	2.279%	2.687%	3.167%	3.733%	4.400%	6.833%	10.612%	10.612%	10.612%	10.612%	10.612%	10.612%	10.612%	10.612%	10.612%	10.612%	10.612%	10.612%	10.612%	10.612%	10.612%	10.612%	10.612%	10.612%	10.612%	10.612%	10.612%	10.612%	10.612%	10.612%	10.612%	10.612%	10.612%
Plastic	1.120%	1.176%	1.719%	2.534%	3.776%	5.700%	9.578%	16.268%	16.268%	16.268%	16.268%	16.268%	16.268%	16.268%	16.268%	16.268%	16.268%	16.268%	16.268%	16.268%	16.268%	16.268%	16.268%	16.268%	16.268%	16.268%	16.268%	16.268%	16.268%	16.268%	16.268%	16.268%	16.268%	16.268%
Plastic packaging	1.043%	1.079%	1.533%	2.179%	3.096%	4.400%	6.977%	11.062%	11.062%	11.062%	11.062%	11.062%	11.062%	11.062%	11.062%	11.062%	11.062%	11.062%	11.062%	11.062%	11.062%	11.062%	11.062%	11.062%	11.062%	11.062%	11.062%	11.062%	11.062%	11.062%	11.062%	11.062%	11.062%	11.062%
Plastic non packaging	0.077%	0.097%	0.186%	0.355%	0.680%	1.300%	2.601%	5.206%	5.206%	5.206%	5.206%	5.206%	5.206%	5.206%	5.206%	5.206%	5.206%	5.206%	5.206%	5.206%	5.206%	5.206%	5.206%	5.206%	5.206%	5.206%	5.206%	5.206%	5.206%	5.206%	5.206%	5.206%	5.206%	5.206%
Glass	1.452%	1.472%	1.646%	1.869%	2.208%	2.857%	3.799%	5.086%	5.086%	5.086%	5.086%	5.086%	5.086%	5.086%	5.086%	5.086%	5.086%	5.086%	5.086%	5.086%	5.086%	5.086%	5.086%	5.086%	5.086%	5.086%	5.086%	5.086%	5.086%	5.086%	5.086%	5.086%	5.086%	5.086%
Glass packaging	1.442%	1.464%	1.622%	1.798%	1.992%	2.207%	2.803%	3.560%	3.560%	3.560%	3.560%	3.560%	3.560%	3.560%	3.560%	3.560%	3.560%	3.560%	3.560%	3.560%	3.560%	3.560%	3.560%	3.560%	3.560%	3.560%	3.560%	3.560%	3.560%	3.560%	3.560%	3.560%	3.560%	3.560%
Glass non packaging	0.010%	0.008%	0.024%	0.072%	0.216%	0.650%	0.995%	1.526%	1.526%	1.526%	1.526%	1.526%	1.526%	1.526%	1.526%	1.526%	1.526%	1.526%	1.526%	1.526%	1.526%	1.526%	1.526%	1.526%	1.526%	1.526%	1.526%	1.526%	1.526%	1.526%	1.526%	1.526%	1.526%	1.526%
Metal Fe + Al	0.126%	0.222%	0.262%	0.364%	0.702%	1.980%	2.353%	2.810%	2.810%	2.810%	2.810%	2.810%	2.810%	2.810%	2.810%	2.810%	2.810%	2.810%	2.810%	2.810%	2.810%	2.810%	2.810%	2.810%	2.810%	2.810%	2.810%	2.810%	2.810%	2.810%	2.810%	2.810%	2.810%	2.810%
Metal Fe + Al packaging	0.003%	0.007%	0.026%	0.105%	0.419%	1.670%	1.924%	2.216%	2.216%	2.216%	2.216%	2.216%	2.216%	2.216%	2.216%	2.216%	2.216%	2.216%	2.216%	2.216%	2.216%	2.216%	2.216%	2.216%	2.216%	2.216%	2.216%	2.216%	2.216%	2.216%	2.216%	2.216%	2.216%	2.216%
Metal Fe + Al non packaging	0.123%	0.216%	0.236%	0.258%	0.283%	0.310%	0.429%	0.594%	0.594%	0.594%	0.594%	0.594%	0.594%	0.594%	0.594%	0.594%	0.594%	0.594%	0.594%	0.594%	0.594%	0.594%	0.594%	0.594%	0.594%	0.594%	0.594%	0.594%	0.594%	0.594%	0.594%	0.594%	0.594%	0.594%
RECYCLABLE WASTE collected at source (% of produced waste)	9.35%	9.92%	11.48%	13.53%	16.48%	21.51%	31.02%	45.66%	45.66%	45.66%	45.66%	45.66%	45.66%	45.66%	45.66%	45.66%	45.66%	45.66%	45.66%	45.66%	45.66%	45.66%	45.66%	45.66%	45.66%	45.66%	45.66%	45.66%	45.66%	45.66%	45.66%	45.66%	45.66%	45.66%
BIOWASTE collected at source (t)	2,588	2,588	2,547	2,530	2,513	5,107	10,377	21,056	20,961	20,866	20,772	20,679	20,585	20,493	20,400	20,309	20,339	20,357	20,376	20,394	20,413	20,432	20,450	20,469	20,489	20,508	20,527	20,533	20,539	20,545	20,551	20,557	20,564
BIOWASTE collected at source (% of produced waste) Goal 1.3 of WMP of RC	4.67%	4.67%	4.67%	4.67%	4.67%	9.56%	19.55%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%
Remaining MUNICIPAL WASTE (after sorting at source) (t)	205,303	203,919	196,874	190,613	182,270	166,495	137,617	91,447	91,034	90,624	90,215	89,809	89,404	89,001	88,600	88,201	88,334	88,413	88,493	88,573	88,654	88,735	88,817	88,900	88,983	89,066	89,150	89,174	89,200	89,226	89,253	89,281	89,310
Biowaste collecte at source (t)																																		
Garden and park biodegradable waste EWC 20 02 01 (t)	2,498	2,498	2,458	2,442	2,425	2,409	2,393	2,373	2,362	2,352	2,341	2,331	2,320	2,310	2,299	2,289	2,292	2,294	2,296	2,299	2,301	2,303	2,305	2,307	2,309	2,311	2,313	2,314	2,315	2,315	2,316	2,317	2,318
Waste from markets EWC 20 03 02 (t)	90	90	89	88	87	87	86	85	85	85	84	84	84	83	83	82	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	84
Other biowaste	0	0	0	0	0	2,611	7,898	18,597	18,513	18,430	18,347	18,264	18,182	18,100	18,018	17,937	17,964	17,980	17,997	18,013	18,029	18,046	18,063	18,079	18,096	18,113	18,130	18,135	18,140	18,146	18,151	18,157	18,163
Total	2,588	2,588	2,547	2,530	2,513	5,107	10,377	21,056	20,961	20,866	20,772	20,679	20,585	20,493	20,400	20,309	20,339	20,357	20,376	20,394	20,413	20,432	20,450	20,469	20,489	20,508	20,527	20,533	20,539	20,545	20,551	20,557	20,564
	4.7%	4.7%	4.7%	4.7%	4.7%	9.6%	19.6%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%

Produced RECYCLABLES & BIOWASTE (t)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	Average 2023-2047
Paper	64,193	64,200	63,175	62,751	62,329	61,909	61,492	60,984	60,708	60,435	60,162	59,891	59,621	59,352	59,085	58,819	58,907	58,960	59,014	59,067	59,121	59,175	59,230	59,285	59,340	59,396	59,452	59,468	59,485	59,503	59,521	59,539	59,559	59,444
Paper packaging	*32,501*	*32,505*	*31,986*	*31,771*	*31,557*	*31,345*	*31,133*	*30,876*	*30,737*	*30,598*	*30,460*	*30,323*	*30,186*	*30,050*	*29,915*	*29,780*	*29,825*	*29,852*	*29,879*	*29,906*	*29,933*	*29,960*	*29,988*	*30,016*	*30,044*	*30,072*	*30,100*	*30,109*	*30,117*	*30,126*	*30,135*	*30,145*	*30,155*	*30,096*
Paper non packaging	*31,692*	*31,696*	*31,190*	*30,980*	*30,772*	*30,565*	*30,359*	*30,108*	*29,972*	*29,837*	*29,702*	*29,568*	*29,435*	*29,302*	*29,170*	*29,039*	*29,083*	*29,109*	*29,135*	*29,161*	*29,188*	*29,215*	*29,242*	*29,269*	*29,296*	*29,324*	*29,351*	*29,359*	*29,368*	*29,376*	*29,385*	*29,395*	*29,404*	*29,347*
Plastic	48,583	48,588	47,812	47,491	47,172	46,854	46,538	46,154	45,945	45,738	45,532	45,327	45,122	44,919	44,717	44,515	44,582	44,622	44,663	44,703	44,744	44,785	44,826	44,868	44,910	44,952	44,994	45,007	45,020	45,033	45,046	45,061	45,075	44,988
Plastic packaging	*33,036*	*33,040*	*32,512*	*32,294*	*32,077*	*31,861*	*31,646*	*31,384*	*31,243*	*31,102*	*30,962*	*30,822*	*30,683*	*30,545*	*30,407*	*30,270*	*30,316*	*30,343*	*30,371*	*30,398*	*30,426*	*30,454*	*30,482*	*30,510*	*30,539*	*30,567*	*30,596*	*30,605*	*30,613*	*30,622*	*30,632*	*30,641*	*30,651*	*30,592*
Plastic non packaging	*15,547*	*15,548*	*15,300*	*15,197*	*15,095*	*14,993*	*14,892*	*14,769*	*14,703*	*14,636*	*14,570*	*14,505*	*14,439*	*14,374*	*14,309*	*14,245*	*14,266*	*14,279*	*14,292*	*14,305*	*14,318*	*14,331*	*14,344*	*14,358*	*14,371*	*14,385*	*14,398*	*14,402*	*14,406*	*14,410*	*14,415*	*14,419*	*14,424*	*14,396*
Glass	15,190	15,191	14,949	14,848	14,748	14,649	14,550	14,430	14,365	14,300	14,236	14,172	14,108	14,044	13,981	13,918	13,939	13,951	13,964	13,977	13,989	14,002	14,015	14,028	14,041	14,054	14,068	14,071	14,076	14,080	14,084	14,088	14,093	14,066
Glass packaging	*10,633*	*10,634*	*10,464*	*10,394*	*10,324*	*10,254*	*10,185*	*10,101*	*10,055*	*10,010*	*9,965*	*9,920*	*9,875*	*9,831*	*9,787*	*9,743*	*9,757*	*9,766*	*9,775*	*9,784*	*9,793*	*9,802*	*9,811*	*9,820*	*9,829*	*9,838*	*9,847*	*9,850*	*9,853*	*9,856*	*9,859*	*9,862*	*9,865*	*9,846*
Glass non packaging	*4,557*	*4,557*	*4,485*	*4,454*	*4,425*	*4,395*	*4,365*	*4,329*	*4,309*	*4,290*	*4,271*	*4,251*	*4,232*	*4,213*	*4,194*	*4,175*	*4,182*	*4,185*	*4,189*	*4,193*	*4,197*	*4,201*	*4,205*	*4,208*	*4,212*	*4,216*	*4,220*	*4,221*	*4,223*	*4,224*	*4,225*	*4,227*	*4,228*	*4,220*
Metal	8,394	8,395	8,261	8,205	8,150	8,095	8,041	7,974	7,938	7,902	7,867	7,831	7,796	7,761	7,726	7,691	7,703	7,710	7,717	7,724	7,731	7,738	7,745	7,752	7,759	7,767	7,774	7,776	7,778	7,780	7,783	7,785	7,788	7,773
Metal packaging	*6,619*	*6,619*	*6,514*	*6,470*	*6,426*	*6,383*	*6,340*	*6,288*	*6,259*	*6,231*	*6,203*	*6,175*	*6,147*	*6,119*	*6,092*	*6,064*	*6,074*	*6,079*	*6,085*	*6,090*	*6,096*	*6,101*	*6,107*	*6,112*	*6,118*	*6,124*	*6,130*	*6,131*	*6,133*	*6,135*	*6,137*	*6,139*	*6,141*	*6,129*
Metal non packaging	*1,775*	*1,775*	*1,747*	*1,735*	*1,724*	*1,712*	*1,701*	*1,687*	*1,679*	*1,671*	*1,664*	*1,656*	*1,649*	*1,641*	*1,634*	*1,627*	*1,629*	*1,631*	*1,632*	*1,634*	*1,635*	*1,637*	*1,638*	*1,640*	*1,641*	*1,643*	*1,644*	*1,645*	*1,645*	*1,646*	*1,646*	*1,647*	*1,647*	*1,644*
Biowaste	55,410	55,417	54,532	54,166	53,801	53,439	53,079	52,640	52,402	52,166	51,931	51,697	51,464	51,232	51,001	50,771	50,848	50,893	50,939	50,986	51,032	51,079	51,126	51,174	51,221	51,269	51,318	51,332	51,346	51,361	51,377	51,393	51,410	51,311
Total Recyclables	136,360	136,375	134,197	133,296	132,400	131,508	130,621	129,541	128,957	128,375	127,797	127,220	126,647	126,076	125,508	124,943	125,131	125,244	125,357	125,471	125,585	125,700	125,816	125,933	126,050	126,169	126,288	126,322	126,358	126,396	126,434	126,474	126,514	126,271
Total Recyclables+Biowaste	191,770	191,791	188,729	187,462	186,201	184,947	183,700	182,181	181,359	180,541	179,727	178,917	178,111	177,308	176,509	175,714	175,979	176,137	176,296	176,456	176,617	176,779	176,942	177,107	177,272	177,438	177,605	177,654	177,705	177,757	177,811	177,867	177,924	177,581
Total packaging	82,789	82,798	81,476	80,929	80,384	79,843	79,305	78,649	78,294	77,941	77,590	77,240	76,892	76,545	76,201	75,857	75,972	76,040	76,108	76,178	76,247	76,317	76,387	76,458	76,530	76,601	76,674	76,695	76,717	76,739	76,762	76,787	76,811	76,663

Collected RECYCLABLES & BIOWASTE (t)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	Average 2023-2047
Paper	16,385	17,368	19,043	21,110	23,439	26,068	36,085	50,312	50,085	49,859	49,635	49,411	49,188	48,966	48,746	48,526	48,599	48,643	48,687	48,731	48,776	48,820	48,865	48,911	48,956	49,002	49,048	49,062	49,076	49,090	49,105	49,121	49,137	49,042
Paper packaging	*10,762*	*11,751*	*12,528*	*13,482*	*14,508*	*15,612*	*19,957*	*25,472*	*25,357*	*25,243*	*25,129*	*25,016*	*24,903*	*24,791*	*24,679*	*24,568*	*24,605*	*24,627*	*24,649*	*24,672*	*24,694*	*24,717*	*24,740*	*24,763*	*24,786*	*24,809*	*24,832*	*24,839*	*24,846*	*24,854*	*24,861*	*24,869*	*24,877*	*24,829*
Paper non packaging	*5,624*	*5,617*	*6,515*	*7,628*	*8,931*	*10,456*	*16,128*	*24,840*	*24,728*	*24,617*	*24,506*	*24,395*	*24,285*	*24,176*	*24,067*	*23,958*	*23,994*	*24,016*	*24,038*	*24,060*	*24,081*	*24,104*	*24,126*	*24,148*	*24,171*	*24,193*	*24,216*	*24,223*	*24,230*	*24,237*	*24,244*	*24,252*	*24,260*	*24,213*
Plastic	2,759	2,898	4,169	6,104	9,034	13,545	22,607	38,078	37,907	37,736	37,566	37,396	37,228	37,060	36,893	36,727	36,782	36,815	36,848	36,882	36,916	36,949	36,984	37,018	37,052	37,087	37,122	37,132	37,143	37,154	37,165	37,177	37,189	37,117
Plastic packaging	*2,570*	*2,659*	*3,718*	*5,248*	*7,408*	*10,456*	*16,467*	*25,893*	*25,777*	*25,660*	*25,545*	*25,430*	*25,315*	*25,201*	*25,087*	*24,974*	*25,012*	*25,034*	*25,057*	*25,080*	*25,103*	*25,126*	*25,149*	*25,172*	*25,196*	*25,219*	*25,243*	*25,250*	*25,257*	*25,265*	*25,272*	*25,280*	*25,288*	*25,240*
Plastic non packaging	*189*	*239*	*450*	*856*	*1,626*	*3,089*	*6,140*	*12,185*	*12,130*	*12,075*	*12,021*	*11,967*	*11,913*	*11,859*	*11,806*	*11,753*	*11,770*	*11,781*	*11,791*	*11,802*	*11,813*	*11,824*	*11,835*	*11,846*	*11,857*	*11,868*	*11,879*	*11,882*	*11,886*	*11,889*	*11,893*	*11,896*	*11,900*	*11,877*
Glass	3,577	3,628	3,992	4,502	5,281	6,788	8,966	11,905	11,851	11,797	11,744	11,691	11,639	11,586	11,534	11,482	11,499	11,510	11,520	11,531	11,541	11,552	11,562	11,573	11,584	11,595	11,606	11,609	11,612	11,616	11,619	11,623	11,626	11,604
Glass packaging	*3,553*	*3,608*	*3,934*	*4,330*	*4,765*	*5,244*	*6,616*	*8,333*	*8,296*	*8,258*	*8,221*	*8,184*	*8,147*	*8,110*	*8,074*	*8,037*	*8,049*	*8,057*	*8,064*	*8,071*	*8,079*	*8,086*	*8,093*	*8,101*	*8,109*	*8,116*	*8,124*	*8,126*	*8,128*	*8,131*	*8,133*	*8,136*	*8,138*	*8,123*
Glass non packaging	*24*	*19*	*58*	*173*	*516*	*1,543*	*2,350*	*3,572*	*3,555*	*3,539*	*3,523*	*3,508*	*3,492*	*3,476*	*3,460*	*3,445*	*3,450*	*3,453*	*3,456*	*3,459*	*3,462*	*3,466*	*3,469*	*3,472*	*3,475*	*3,479*	*3,482*	*3,483*	*3,484*	*3,485*	*3,486*	*3,487*	*3,488*	*3,481*
Metal	311	547	636	876	1,680	4,705	5,554	6,578	6,549	6,519	6,490	6,461	6,431	6,402	6,374	6,345	6,354	6,360	6,366	6,372	6,378	6,383	6,389	6,395	6,401	6,407	6,413	6,415	6,417	6,419	6,421	6,423	6,425	6,412
Metal packaging	*8*	*16*	*64*	*254*	*1,003*	*3,968*	*4,540*	*5,187*	*5,164*	*5,140*	*5,117*	*5,094*	*5,071*	*5,048*	*5,026*	*5,003*	*5,010*	*5,015*	*5,020*	*5,024*	*5,029*	*5,033*	*5,038*	*5,043*	*5,047*	*5,052*	*5,057*	*5,058*	*5,060*	*5,061*	*5,063*	*5,064*	*5,066*	*5,056*
Metal non packaging	*303*	*531*	*572*	*623*	*677*	*737*	*1,013*	*1,391*	*1,385*	*1,379*	*1,373*	*1,366*	*1,360*	*1,354*	*1,348*	*1,342*	*1,344*	*1,345*	*1,346*	*1,348*	*1,349*	*1,350*	*1,351*	*1,353*	*1,354*	*1,355*	*1,356*	*1,357*	*1,357*	*1,358*	*1,358*	*1,358*	*1,359*	*1,356*
Biowaste	2,588	2,588	2,547	2,530	2,513	5,107	10,377	21,056	20,961	20,866	20,772	20,679	20,585	20,493	20,400	20,309	20,339	20,357	20,376	20,394	20,413	20,432	20,450	20,469	20,489	20,508	20,527	20,533	20,539	20,545	20,551	20,557	20,564	20,524
Total Recyclables collected	23,032	24,442	27,840	32,592	39,434	51,106	73,211	106,874	106,392	105,912	105,434	104,959	104,486	104,015	103,547	103,080	103,235	103,328	103,421	103,515	103,610	103,705	103,801	103,897	103,994	104,091	104,189	104,218	104,248	104,278	104,310	104,343	104,377	104,175
Total Recyclables+Biowaste collected	25,620	27,030	30,387	35,122	41,947	56,212	83,588	127,930	127,353	126,778	126,207	125,638	125,071	124,508	123,947	123,389	123,574	123,685	123,797	123,909	124,023	124,136	124,251	124,366	124,482	124,599	124,716	124,751	124,786	124,823	124,861	124,900	124,940	124,700
Total packaging collected	16,893	18,035	20,244	23,313	27,684	35,281	47,580	64,886	64,593	64,302	64,012	63,723	63,436	63,150	62,866	62,583	62,677	62,733	62,790	62,847	62,904	62,962	63,020	63,078	63,137	63,196	63,256	63,273	63,291	63,310	63,329	63,349	63,370	63,247
Total Recyclables+Biowaste+Bulky	40,124	41,536	44,661	49,300	56,030	70,200	97,482	141,708	141,069	140,433	139,800	139,170	138,542	137,918	137,297	136,678	136,884	137,007	137,131	137,255	137,381	137,507	137,634	137,761	137,890	138,019	138,149	138,187	138,226	138,267	138,309	138,353	138,397	138,131
Total Recyclables +Bulky Collected	37,536	38,947	42,114	46,770	53,517	65,094	87,105	120,652	120,108	119,567	119,027	118,491	117,957	117,425	116,896	116,370	116,545	116,650	116,755	116,861	116,968	117,075	117,183	117,292	117,401	117,511	117,622	117,654	117,688	117,723	117,758	117,795	117,833	117,606
Goal 1.2 of WMP of RC	16.28%	16.86%	18.42%	20.47%	23.42%	29.54%	41.30%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	60.54%	

Collected RECYCLABLES & BIOWASTE (% of produced stream in MW)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047
Paper	25.53%	27.05%	30.14%	33.64%	37.60%	42.11%	58.68%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%
Paper packaging	*33.11%*	*36.15%*	*39.17%*	*42.43%*	*45.97%*	*49.81%*	*64.10%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*
Paper non packaging	*17.74%*	*17.72%*	*20.89%*	*24.62%*	*29.02%*	*34.21%*	*53.13%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*
Plastic	5.68%	5.96%	8.72%	12.85%	19.15%	28.91%	48.58%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%
Plastic packaging	*7.78%*	*8.05%*	*11.44%*	*16.25%*	*23.09%*	*32.82%*	*52.03%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*
Plastic non packaging	*1.22%*	*1.54%*	*2.94%*	*5.63%*	*10.77%*	*20.60%*	*41.23%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*
Glass	23.55%	23.88%	26.70%	30.32%	35.81%	46.34%	61.62%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%
Glass packaging	*33.41%*	*33.93%*	*37.60%*	*41.66%*	*46.16%*	*51.14%*	*64.96%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*
Glass non packaging	*0.53%*	*0.43%*	*1.29%*	*3.87%*	*11.67%*	*35.12%*	*53.83%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*
Metal	3.70%	6.52%	7.70%	10.68%	20.62%	58.12%	69.07%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%
Metal packaging	*0.13%*	*0.25%*	*0.98%*	*3.92%*	*15.61%*	*62.17%*	*71.62%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*
Metal non packaging	*17.05%*	*29.91%*	*32.76%*	*35.87%*	*39.29%*	*43.03%*	*59.58%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*	*82.50%*
Biowaste	4.67%	4.67%	4.67%	4.67%	4.67%	9.56%	19.55%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%
Total Collected RECYCLABLES	16.89%	17.92%	20.75%	24.45%	29.78%	38.86%	56.05%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%
Total Collected PACKAGING	20.40%	21.78%	24.85%	28.81%	34.44%	44.19%	60.00%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%	82.50%

Recovered RECYCLABLES & BIOWASTE (t)

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	Average 2023-2047
Paper	14,889	14,811	15,235	16,888	18,751	20,854	28,868	40,250	40,068	39,888	39,708	39,529	39,351	39,173	38,997	38,821	38,880	38,914	38,950	38,985	39,021	39,056	39,092	39,129	39,165	39,202	39,239	39,250	39,261	39,272	39,284	39,297	39,309	39,234
Paper Packaging	*10,320*	*10,203*	*10,022*	*10,785*	*11,606*	*12,490*	*15,966*	*20,378*	*20,286*	*20,194*	*20,103*	*20,013*	*19,922*	*19,833*	*19,743*	*19,654*	*19,684*	*19,702*	*19,719*	*19,737*	*19,755*	*19,773*	*19,792*	*19,810*	*19,829*	*19,847*	*19,866*	*19,871*	*19,877*	*19,883*	*19,889*	*19,895*	*19,902*	*19,863*
Paper non packaging	*4,569*	*4,608*	*5,212*	*6,102*	*7,144*	*8,365*	*12,903*	*19,872*	*19,782*	*19,693*	*19,604*	*19,516*	*19,428*	*19,341*	*19,253*	*19,167*	*19,196*	*19,213*	*19,230*	*19,248*	*19,265*	*19,283*	*19,301*	*19,319*	*19,337*	*19,355*	*19,373*	*19,378*	*19,384*	*19,390*	*19,395*	*19,401*	*19,408*	*19,370*
Plastic	2,335	2,388	3,335	4,883	7,227	10,836	18,085	30,463	30,325	30,189	30,052	29,917	29,782	29,648	29,514	29,381	29,426	29,452	29,479	29,505	29,532	29,560	29,587	29,614	29,642	29,670	29,698	29,706	29,714	29,723	29,732	29,741	29,751	29,694
Plastic packaging	*2,294*	*2,312*	*2,975*	*4,199*	*5,926*	*8,365*	*13,173*	*20,715*	*20,621*	*20,528*	*20,436*	*20,344*	*20,252*	*20,161*	*20,070*	*19,979*	*20,010*	*20,028*	*20,046*	*20,064*	*20,082*	*20,101*	*20,119*	*20,138*	*20,157*	*20,175*	*20,194*	*20,200*	*20,206*	*20,212*	*20,218*	*20,224*	*20,231*	*20,192*
Plastic non packaging	*41*	*76*	*360*	*685*	*1,301*	*2,471*	*4,912*	*9,748*	*9,704*	*9,660*	*9,617*	*9,573*	*9,530*	*9,487*	*9,445*	*9,402*	*9,416*	*9,425*	*9,433*	*9,442*	*9,450*	*9,459*	*9,468*	*9,477*	*9,485*	*9,494*	*9,503*	*9,506*	*9,509*	*9,511*	*9,514*	*9,517*	*9,520*	*9,502*
Glass	3,344	3,325	3,193	3,602	4,225	5,430	7,172	9,524	9,481	9,438	9,395	9,353	9,311	9,269	9,227	9,186	9,199	9,208	9,216	9,224	9,233	9,241	9,250	9,258	9,267	9,276	9,284	9,287	9,290	9,292	9,295	9,298	9,301	9,283
Glass packaging	*3,325*	*3,309*	*3,147*	*3,464*	*3,812*	*4,196*	*5,293*	*6,666*	*6,636*	*6,606*	*6,577*	*6,547*	*6,518*	*6,488*	*6,459*	*6,430*	*6,440*	*6,445*	*6,451*	*6,457*	*6,463*	*6,469*	*6,475*	*6,481*	*6,487*	*6,493*	*6,499*	*6,501*	*6,503*	*6,505*	*6,507*	*6,509*	*6,511*	*6,498*
Glass non packaging	*18*	*15*	*46*	*138*	*413*	*1,235*	*1,880*	*2,857*	*2,844*	*2,832*	*2,819*	*2,806*	*2,793*	*2,781*	*2,768*	*2,756*	*2,760*	*2,762*	*2,765*	*2,767*	*2,770*	*2,773*	*2,775*	*2,778*	*2,780*	*2,783*	*2,785*	*2,786*	*2,787*	*2,788*	*2,789*	*2,790*	*2,790*	*2,785*
Metal	310	318	509	701	1,344	3,764	4,443	5,263	5,239	5,215	5,192	5,168	5,145	5,122	5,099	5,076	5,084	5,088	5,093	5,097	5,102	5,107	5,111	5,116	5,121	5,126	5,131	5,132	5,133	5,135	5,136	5,138	5,140	5,130
Metal packaging	*8*	*16*	*51*	*203*	*803*	*3,175*	*3,632*	*4,150*	*4,131*	*4,112*	*4,094*	*4,075*	*4,057*	*4,039*	*4,020*	*4,002*	*4,008*	*4,012*	*4,016*	*4,019*	*4,023*	*4,027*	*4,030*	*4,034*	*4,038*	*4,042*	*4,045*	*4,047*	*4,048*	*4,049*	*4,050*	*4,051*	*4,053*	*4,045*
Metal non packaging	*303*	*303*	*458*	*498*	*542*	*589*	*811*	*1,113*	*1,108*	*1,103*	*1,098*	*1,093*	*1,088*	*1,083*	*1,078*	*1,074*	*1,075*	*1,076*	*1,077*	*1,078*	*1,079*	*1,080*	*1,081*	*1,082*	*1,083*	*1,084*	*1,085*	*1,085*	*1,086*	*1,086*	*1,086*	*1,087*	*1,087*	*1,085*
Biowaste	2,588	2,588	2,547	2,530	2,513	5,107	10,377	21,056	20,961	20,866	20,772	20,679	20,585	20,493	20,400	20,309	20,339	20,357	20,376	20,394	20,413	20,432	20,450	20,469	20,489	20,508	20,527	20,533	20,539	20,545	20,551	20,557	20,564	20,524
Total Recyclables	20,878	20,842	22,272	26,074	31,547	40,885	58,569	85,499	85,113	84,729	84,347	83,967	83,589	83,212	82,837	82,464	82,588	82,662	82,737	82,812	82,888	82,964	83,040	83,117	83,195	83,273	83,351	83,374	83,398	83,423	83,448	83,474	83,501	83,340
Total Recyclables+Biowaste	23,466	23,430	24,819	28,604	34,060	45,991	68,946	106,555	106,074	105,596	105,120	104,646	104,174	103,705	103,238	102,773	102,927	103,020	103,113	103,206	103,301	103,395	103,491	103,587	103,683	103,781	103,878	103,907	103,937	103,967	103,999	104,032	104,065	103,865
Total Packaging	15,947	15,840	16,196	18,651	22,147	28,225	38,064	51,909	51,674	51,441	51,209	50,979	50,749	50,520	50,293	50,066	50,141	50,186	50,232	50,277	50,323	50,369	50,416	50,463	50,510	50,557	50,605	50,619	50,633	50,648	50,663	50,679	50,696	50,598
Total Recyclables Collected+Biowaste+Bulky	40,124	41,536	44,661	49,300	56,030	70,200	97,482	141,708	141,069	140,433	139,800	139,170	138,542	137,918	137,297	136,678	136,884	137,007	137,131	137,255	137,381	137,507	137,634	137,761	137,890	138,019	138,149	138,187	138,226	138,267	138,309	138,353	138,397	138,131
Total Recyclables+Bulky	35,382	35,348	36,546	40,252	45,630	54,873	72,463	99,278	98,830	98,384	97,941	97,499	97,060	96,622	96,187	95,754	95,898	95,984	96,071	96,158	96,246	96,334	96,423	96,512	96,602	96,693	96,784	96,811	96,838	96,867	96,896	96,927	96,958	96,771

Recovered RECYCLABLES & BIOWASTE (% of produced stream in MW)

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047
Paper	23.19%	23.07%	24.11%	26.91%	30.08%	33.69%	46.95%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%
Paper packaging	*31.75%*	*31.39%*	*31.33%*	*33.95%*	*36.78%*	*39.85%*	*51.28%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*
Paper non packaging	*14.42%*	*14.54%*	*16.71%*	*19.70%*	*23.22%*	*27.37%*	*42.50%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*
Plastic	4.81%	4.91%	6.97%	10.28%	15.32%	23.13%	38.86%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%
Plastic packaging	*6.94%*	*7.00%*	*9.15%*	*13.00%*	*18.47%*	*26.25%*	*41.63%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*
Plastic non packaging	*0.26%*	*0.49%*	*2.36%*	*4.51%*	*8.62%*	*16.48%*	*32.98%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*
Glass	22.01%	21.89%	21.36%	24.26%	28.65%	37.07%	49.29%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%
Glass packaging	*31.28%*	*31.12%*	*30.08%*	*33.33%*	*36.93%*	*40.91%*	*51.96%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*
Glass non packaging	*0.40%*	*0.34%*	*1.03%*	*3.10%*	*9.33%*	*28.10%*	*43.06%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*
Metal	3.70%	3.79%	6.16%	8.54%	16.49%	46.50%	55.26%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%
Metal packaging	*0.11%*	*0.24%*	*0.79%*	*3.14%*	*12.49%*	*49.74%*	*57.29%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*
Metal non packaging	*17.05%*	*17.05%*	*26.21%*	*28.70%*	*31.43%*	*34.42%*	*47.66%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*	*66.00%*
Biowaste	4.67%	4.67%	4.67%	4.67%	4.67%	9.56%	19.55%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%
Total Recovered RECYCLABLES	15.31%	15.28%	16.60%	19.56%	23.83%	31.09%	44.84%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%
Total packaging (after MRF Process)	19.26%	19.13%	19.88%	23.05%	27.55%	35.35%	48.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%	66.00%

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	Average 2023-2047
Total produced MUNICIPAL WASTE (t)	246,396	246,423	242,489	240,860	239,240	237,629	236,027	234,076	233,020	231,969	230,923	229,882	228,846	227,815	226,788	225,767	226,107	226,310	226,514	226,720	226,927	227,135	227,345	227,556	227,768	227,981	228,196	228,259	228,324	228,391	228,461	228,532	228,606	228,166
RECYCLABLE waste collected at source (t)	23,032	24,442	27,840	32,592	39,434	51,106	73,211	106,874	106,392	105,912	105,434	104,959	104,486	104,015	103,547	103,080	103,235	103,328	103,421	103,515	103,610	103,705	103,801	103,897	103,994	104,091	104,189	104,218	104,248	104,278	104,310	104,343	104,377	104,175
Paper	16,385	17,368	19,043	21,110	23,439	26,068	36,085	50,312	50,085	49,859	49,635	49,411	49,188	48,966	48,746	48,526	48,599	48,643	48,687	48,731	48,776	48,820	48,865	48,911	48,956	49,002	49,048	49,062	49,076	49,090	49,105	49,121	49,137	49,042
Plastic	2,759	2,898	4,169	6,104	9,034	13,545	22,607	38,078	37,907	37,736	37,566	37,396	37,228	37,060	36,893	36,727	36,782	36,815	36,848	36,882	36,916	36,949	36,984	37,018	37,052	37,087	37,122	37,132	37,143	37,154	37,165	37,177	37,189	37,117
Glass	3,577	3,628	3,992	4,502	5,281	6,788	8,966	11,905	11,851	11,797	11,744	11,691	11,639	11,586	11,534	11,482	11,499	11,510	11,520	11,531	11,541	11,552	11,562	11,573	11,584	11,595	11,606	11,609	11,612	11,616	11,619	11,623	11,626	11,604
Metal	311	547	636	876	1,680	4,705	5,554	6,578	6,549	6,519	6,490	6,461	6,431	6,402	6,374	6,345	6,354	6,360	6,366	6,372	6,378	6,383	6,389	6,395	6,401	6,407	6,413	6,415	6,417	6,419	6,421	6,423	6,425	6,412
BIOWASTE collected at source (t)	2,588.00	2,588.28	2,546.96	2,529.86	2,512.84	5,106.54	10,377.28	21,055.91	20,960.94	20,866.41	20,772.32	20,678.68	20,585.49	20,492.73	20,400.41	20,308.52	20,339.10	20,357.36	20,375.74	20,394.24	20,412.85	20,431.59	20,450.44	20,469.42	20,488.51	20,507.71	20,527.04	20,532.69	20,538.54	20,544.59	20,550.84	20,557.28	20,563.92	20,524.29

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	Average 2023-2047
Produced MUNICIPAL WASTE (t)	246,396	246,423	242,489	240,860	239,240	237,629	236,027	234,076	233,020	231,969	230,923	229,882	228,846	227,815	226,788	225,767	226,107	226,310	226,514	226,720	226,927	227,135	227,345	227,556	227,768	227,981	228,196	228,259	228,324	228,391	228,461	228,532	228,606	228,166
Analysis per material (t)																																		
Kitchen and biowaste	55,410	55,417	54,532	54,166	53,801	53,439	53,079	52,640	52,402	52,166	51,931	51,697	51,464	51,232	51,001	50,771	50,848	50,893	50,939	50,986	51,032	51,079	51,126	51,174	51,221	51,269	51,318	51,332	51,346	51,361	51,377	51,393	51,410	
Paper/Cardboard	64,193	64,200	63,175	62,751	62,329	61,909	61,492	60,984	60,708	60,435	60,162	59,891	59,621	59,352	59,085	58,819	58,907	58,960	59,014	59,067	59,121	59,175	59,230	59,285	59,340	59,396	59,452	59,468	59,485	59,503	59,521	59,539	59,559	
Paper/Cardboard packaging	*32,501*	*32,505*	*31,986*	*31,771*	*31,557*	*31,345*	*31,133*	*30,876*	*30,737*	*30,598*	*30,460*	*30,323*	*30,186*	*30,050*	*29,915*	*29,780*	*29,825*	*29,852*	*29,879*	*29,906*	*29,933*	*29,960*	*29,988*	*30,016*	*30,044*	*30,072*	*30,100*	*30,109*	*30,117*	*30,126*	*30,135*	*30,145*	*30,155*	
Paper/Cardboard non packaging	*31,692*	*31,696*	*31,190*	*30,980*	*30,772*	*30,565*	*30,359*	*30,108*	*29,972*	*29,837*	*29,702*	*29,568*	*29,435*	*29,302*	*29,170*	*29,039*	*29,083*	*29,109*	*29,135*	*29,161*	*29,188*	*29,215*	*29,242*	*29,269*	*29,296*	*29,324*	*29,351*	*29,359*	*29,368*	*29,376*	*29,385*	*29,395*	*29,404*	
Skin and bones	209	209	206	204	203	201	200	198	198	197	196	195	194	193	192	191	192	192	192	192	192	193	193	193	193	193	193	193	194	194	194	194	194	
Wood	3,216	3,217	3,165	3,144	3,123	3,102	3,081	3,056	3,042	3,028	3,014	3,001	2,987	2,974	2,960	2,947	2,952	2,954	2,957	2,960	2,962	2,965	2,968	2,970	2,973	2,976	2,979	2,980	2,981	2,981	2,982	2,983	2,984	
Textile	12,573	12,575	12,374	12,291	12,208	12,126	12,044	11,945	11,891	11,837	11,784	11,731	11,678	11,625	11,573	11,521	11,538	11,548	11,559	11,569	11,580	11,590	11,601	11,612	11,623	11,634	11,645	11,648	11,651	11,655	11,658	11,662	11,666	
Glass	15,190	15,191	14,949	14,848	14,748	14,649	14,550	14,430	14,365	14,300	14,236	14,172	14,108	14,044	13,981	13,918	13,939	13,951	13,964	13,977	13,989	14,002	14,015	14,028	14,041	14,054	14,068	14,071	14,076	14,080	14,084	14,088	14,093	
Glass packaging	*10,633*	*10,634*	*10,464*	*10,394*	*10,324*	*10,254*	*10,185*	*10,101*	*10,055*	*10,010*	*9,965*	*9,920*	*9,875*	*9,831*	*9,787*	*9,743*	*9,757*	*9,766*	*9,775*	*9,784*	*9,793*	*9,802*	*9,811*	*9,820*	*9,829*	*9,838*	*9,847*	*9,850*	*9,853*	*9,856*	*9,859*	*9,862*	*9,865*	
Glass non packaging	*4,557*	*4,557*	*4,485*	*4,454*	*4,425*	*4,395*	*4,365*	*4,329*	*4,309*	*4,290*	*4,271*	*4,251*	*4,232*	*4,213*	*4,194*	*4,175*	*4,182*	*4,185*	*4,189*	*4,193*	*4,197*	*4,201*	*4,205*	*4,208*	*4,212*	*4,216*	*4,220*	*4,221*	*4,223*	*4,224*	*4,225*	*4,227*	*4,228*	
Metals	8,394	8,395	8,261	8,205	8,150	8,095	8,041	7,974	7,938	7,902	7,867	7,831	7,796	7,761	7,726	7,691	7,703	7,710	7,717	7,724	7,731	7,738	7,745	7,752	7,759	7,767	7,774	7,776	7,778	7,780	7,783	7,785	7,788	
Metals packaging	*6,619*	*6,619*	*6,514*	*6,470*	*6,426*	*6,383*	*6,340*	*6,288*	*6,259*	*6,231*	*6,203*	*6,175*	*6,147*	*6,119*	*6,092*	*6,064*	*6,074*	*6,079*	*6,085*	*6,090*	*6,096*	*6,101*	*6,107*	*6,112*	*6,118*	*6,124*	*6,130*	*6,131*	*6,133*	*6,135*	*6,137*	*6,139*	*6,141*	
Metals non packaging	*1,775*	*1,775*	*1,747*	*1,735*	*1,724*	*1,712*	*1,701*	*1,687*	*1,679*	*1,671*	*1,664*	*1,656*	*1,649*	*1,641*	*1,634*	*1,627*	*1,629*	*1,631*	*1,632*	*1,634*	*1,635*	*1,637*	*1,638*	*1,640*	*1,641*	*1,643*	*1,644*	*1,645*	*1,645*	*1,646*	*1,646*	*1,647*	*1,647*	
Inert	8,459	8,460	8,325	8,269	8,213	8,158	8,103	8,036	8,000	7,964	7,928	7,892	7,856	7,821	7,786	7,751	7,762	7,769	7,776	7,783	7,790	7,798	7,805	7,812	7,819	7,827	7,834	7,836	7,838	7,841	7,843	7,846	7,848	
Plastic	48,583	48,588	47,812	47,491	47,172	46,854	46,538	46,154	45,945	45,738	45,532	45,327	45,122	44,919	44,717	44,515	44,582	44,622	44,663	44,703	44,744	44,785	44,826	44,868	44,910	44,952	44,994	45,007	45,020	45,033	45,046	45,061	45,075	
Plastic packaging	*33,036*	*33,040*	*32,512*	*32,294*	*32,077*	*31,861*	*31,646*	*31,384*	*31,243*	*31,102*	*30,962*	*30,822*	*30,683*	*30,545*	*30,407*	*30,270*	*30,316*	*30,343*	*30,371*	*30,398*	*30,426*	*30,454*	*30,482*	*30,510*	*30,539*	*30,567*	*30,596*	*30,605*	*30,613*	*30,622*	*30,632*	*30,641*	*30,651*	
Plastic non packaging	*15,547*	*15,548*	*15,300*	*15,197*	*15,095*	*14,993*	*14,892*	*14,769*	*14,703*	*14,636*	*14,570*	*14,505*	*14,439*	*14,374*	*14,309*	*14,245*	*14,266*	*14,279*	*14,292*	*14,305*	*14,318*	*14,331*	*14,344*	*14,358*	*14,371*	*14,385*	*14,398*	*14,402*	*14,406*	*14,410*	*14,415*	*14,419*	*14,424*	
Rubber-Leather	4,741	4,742	4,666	4,635	4,603	4,572	4,542	4,504	4,484	4,464	4,443	4,423	4,403	4,384	4,364	4,344	4,351	4,355	4,359	4,363	4,366	4,370	4,375	4,379	4,383	4,387	4,391	4,392	4,393	4,395	4,396	4,397	4,399	
Special	2,172	2,172	2,138	2,123	2,109	2,095	2,081	2,064	2,054	2,045	2,036	2,027	2,017	2,008	1,999	1,990	1,993	1,995	1,997	1,999	2,001	2,002	2,004	2,006	2,008	2,010	2,012	2,012	2,013	2,013	2,014	2,015	2,015	
Diapers	8,751	8,752	8,612	8,555	8,497	8,440	8,383	8,314	8,276	8,239	8,202	8,165	8,128	8,091	8,055	8,019	8,031	8,038	8,045	8,052	8,060	8,067	8,075	8,082	8,090	8,097	8,105	8,107	8,109	8,112	8,114	8,117	8,119	
Bulky	14,504	14,506	14,274	14,178	14,083	13,988	13,894	13,779	13,717	13,655	13,593	13,532	13,471	13,410	13,350	13,290	13,310	13,322	13,334	13,346	13,358	13,370	13,383	13,395	13,407	13,420	13,433	13,436	13,440	13,444	13,448	13,452	13,457	
Total	246,396	246,423	242,489	240,860	239,240	237,629	236,027	234,076	233,020	231,969	230,923	229,882	228,846	227,815	226,788	225,767	226,107	226,310	226,514	226,720	226,927	227,135	227,345	227,556	227,768	227,981	228,196	228,259	228,324	228,391	228,461	228,532	228,606	228,384

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	Average 2023-2047
Remaining MUNICIPAL WASTE (after sorting at source) (t)	205,303	203,919	196,874	190,613	182,270	166,495	137,617	91,447	91,034	90,624	90,215	89,809	89,404	89,001	88,600	88,201	88,334	88,413	88,493	88,573	88,654	88,735	88,817	88,900	88,983	89,066	89,150	89,174	89,200	89,226	89,253	89,281	89,310	89,138
Analysis per material (t)																																		
Kitchen and biowaste									31,441	31,300	31,158	31,018	30,878	30,739	30,601	30,463	30,509	30,536	30,564	30,591	30,619	30,647	30,676	30,704	30,733	30,762	30,791	30,799	30,808	30,817	30,826	30,836	30,846	
Paper/Cardboard									10,623	10,575	10,528	10,480	10,433	10,386	10,339	10,293	10,308	10,317	10,327	10,336	10,345	10,355	10,364	10,374	10,384	10,393	10,403	10,406	10,409	10,412	10,415	10,419	10,422	
Paper/Cardboard packaging									*5,379*	*5,355*	*5,331*	*5,307*	*5,283*	*5,259*	*5,236*	*5,212*	*5,220*	*5,225*	*5,229*	*5,234*	*5,239*	*5,244*	*5,248*	*5,253*	*5,258*	*5,263*	*5,268*	*5,270*	*5,271*	*5,273*	*5,274*	*5,276*	*5,278*	
Paper/Cardboard non packaging									*5,244*	*5,220*	*5,197*	*5,173*	*5,150*	*5,127*	*5,103*	*5,080*	*5,088*	*5,093*	*5,097*	*5,102*	*5,107*	*5,111*	*5,116*	*5,121*	*5,126*	*5,130*	*5,135*	*5,137*	*5,138*	*5,140*	*5,141*	*5,143*	*5,144*	
Skin and bones									198	197	196	195	194	193	192	191	192	192	192	192	192	193	193	193	193	193	193	193	194	194	194	194	194	
Wood									3,042	3,028	3,014	3,001	2,987	2,974	2,960	2,947	2,952	2,954	2,957	2,960	2,962	2,965	2,968	2,970	2,973	2,976	2,979	2,980	2,981	2,981	2,982	2,983	2,984	
Textile									11,891	11,837	11,784	11,731	11,678	11,625	11,573	11,521	11,538	11,548	11,559	11,569	11,580	11,590	11,601	11,612	11,623	11,634	11,645	11,648	11,651	11,655	11,658	11,662	11,666	
Glass									2,514	2,503	2,491	2,480	2,469	2,458	2,447	2,436	2,439	2,442	2,444	2,446	2,448	2,451	2,453	2,455	2,457	2,460	2,462	2,463	2,463	2,464	2,465	2,466	2,466	
Glass packaging									*1,760*	*1,752*	*1,744*	*1,736*	*1,728*	*1,721*	*1,713*	*1,705*	*1,708*	*1,709*	*1,711*	*1,712*	*1,714*	*1,716*	*1,717*	*1,719*	*1,720*	*1,722*	*1,724*	*1,724*	*1,725*	*1,725*	*1,726*	*1,726*	*1,727*	
Glass non packaging									*754*	*751*	*747*	*744*	*741*	*737*	*734*	*731*	*732*	*732*	*733*	*734*	*734*	*735*	*736*	*736*	*737*	*738*	*738*	*739*	*739*	*739*	*739*	*740*	*740*	
Metals									1,389	1,383	1,377	1,371	1,365	1,358	1,352	1,346	1,348	1,349	1,351	1,352	1,353	1,354	1,356	1,357	1,358	1,359	1,361	1,361	1,361	1,362	1,362	1,363	1,363	
Metals packaging									*1,096*	*1,091*	*1,086*	*1,081*	*1,076*	*1,071*	*1,066*	*1,061*	*1,063*	*1,064*	*1,065*	*1,066*	*1,067*	*1,068*	*1,069*	*1,070*	*1,071*	*1,072*	*1,073*	*1,073*	*1,074*	*1,074*	*1,074*	*1,074*	*1,075*	
Metals non packaging									*294*	*293*	*291*	*290*	*289*	*287*	*286*	*285*	*285*	*285*	*286*	*286*	*286*	*286*	*287*	*287*	*287*	*288*	*288*	*288*	*288*	*288*	*288*	*288*	*288*	
Inert									8,000	7,964	7,928	7,892	7,856	7,821	7,786	7,751	7,762	7,769	7,776	7,783	7,790	7,798	7,805	7,812	7,819	7,827	7,834	7,836	7,838	7,841	7,843	7,846	7,848	
Plastic									8,039	8,002	7,966	7,930	7,895	7,859	7,824	7,788	7,800	7,807	7,814	7,821	7,828	7,836	7,843	7,850	7,857	7,865	7,872	7,874	7,877	7,879	7,881	7,884	7,886	
Plastic packaging									*5,466*	*5,442*	*5,417*	*5,393*	*5,368*	*5,344*	*5,320*	*5,296*	*5,304*	*5,309*	*5,314*	*5,318*	*5,323*	*5,328*	*5,333*	*5,338*	*5,343*	*5,348*	*5,353*	*5,355*	*5,356*	*5,358*	*5,359*	*5,361*	*5,363*	
Plastic non packaging									*2,572*	*2,561*	*2,549*	*2,538*	*2,526*	*2,515*	*2,504*	*2,492*	*2,496*	*2,498*	*2,501*	*2,503*	*2,505*	*2,507*	*2,510*	*2,512*	*2,514*	*2,517*	*2,519*	*2,520*	*2,521*	*2,521*	*2,522*	*2,523*	*2,524*	
Rubber-Leather									4,484	4,464	4,443	4,423	4,403	4,384	4,364	4,344	4,351	4,355	4,359	4,363	4,366	4,370	4,375	4,379	4,383	4,387	4,391	4,392	4,393	4,395	4,396	4,397	4,399	
Special									1,138	1,133	1,128	1,123	1,118	1,113	1,108	1,103	1,104	1,105	1,106	1,107	1,108	1,109	1,110	1,111	1,112	1,113	1,115	1,115	1,115	1,115	1,116	1,116	1,117	
Diapers									8,276	8,239	8,202	8,165	8,128	8,091	8,055	8,019	8,031	8,038	8,045	8,052	8,060	8,067	8,075	8,082	8,090	8,097	8,105	8,107	8,109	8,112	8,114	8,117	8,119	
Bulky Waste									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total									91,034	90,624	90,215	89,809	89,404	89,001	88,600	88,201	88,334	88,413	88,493	88,573	88,654	88,735	88,817	88,900	88,983	89,066	89,150	89,174	89,200	89,226	89,253	89,281	89,310	89,138

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	Average 2023-2047
Remaining MUNICIPAL WASTE (after sorting at source) (%)									100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
Analysis per material (%)																																		
Kitchen and biowaste									34.5%	34.5%	34.5%	34.5%	34.5%	34.5%	34.5%	34.5%	34.5%	34.5%	34.5%	34.5%	34.5%	34.5%	34.5%	34.5%	34.5%	34.5%	34.5%	34.5%	34.5%	34.5%	34.5%	34.5%	34.5%	34.5%
Paper/Cardboard									11.7%	11.7%	11.7%	11.7%	11.7%	11.7%	11.7%	11.7%	11.7%	11.7%	11.7%	11.7%	11.7%	11.7%	11.7%	11.7%	11.7%	11.7%	11.7%	11.7%	11.7%	11.7%	11.7%	11.7%	11.7%	11.7%
Paper/Cardboard packaging									*5.9%*	*5.9%*	*5.9%*	*5.9%*	*5.9%*	*5.9%*	*5.9%*	*5.9%*	*5.9%*	*5.9%*	*5.9%*	*5.9%*	*5.9%*	*5.9%*	*5.9%*	*5.9%*	*5.9%*	*5.9%*	*5.9%*	*5.9%*	*5.9%*	*5.9%*	*5.9%*	*5.9%*	*5.9%*	*5.9%*
Paper/Cardboard non packaging									*5.8%*	*5.8%*	*5.8%*	*5.8%*	*5.8%*	*5.8%*	*5.8%*	*5.8%*	*5.8%*	*5.8%*	*5.8%*	*5.8%*	*5.8%*	*5.8%*	*5.8%*	*5.8%*	*5.8%*	*5.8%*	*5.8%*	*5.8%*	*5.8%*	*5.8%*	*5.8%*	*5.8%*	*5.8%*	*5.8%*
Skin and bones									0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%
Wood									3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%
Textile									13.1%	13.1%	13.1%	13.1%	13.1%	13.1%	13.1%	13.1%	13.1%	13.1%	13.1%	13.1%	13.1%	13.1%	13.1%	13.1%	13.1%	13.1%	13.1%	13.1%	13.1%	13.1%	13.1%	13.1%	13.1%	13.1%
Glass									2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%
Glass packaging									*1.9%*	*1.9%*	*1.9%*	*1.9%*	*1.9%*	*1.9%*	*1.9%*	*1.9%*	*1.9%*	*1.9%*	*1.9%*	*1.9%*	*1.9%*	*1.9%*	*1.9%*	*1.9%*	*1.9%*	*1.9%*	*1.9%*	*1.9%*	*1.9%*	*1.9%*	*1.9%*	*1.9%*	*1.9%*	*1.9%*
Glass non packaging									*0.8%*	*0.8%*	*0.8%*	*0.8%*	*0.8%*	*0.8%*	*0.8%*	*0.8%*	*0.8%*	*0.8%*	*0.8%*	*0.8%*	*0.8%*	*0.8%*	*0.8%*	*0.8%*	*0.8%*	*0.8%*	*0.8%*	*0.8%*	*0.8%*	*0.8%*	*0.8%*	*0.8%*	*0.8%*	*0.8%*
Metals									1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
Metals packaging									*1.2%*	*1.2%*	*1.2%*	*1.2%*	*1.2%*	*1.2%*	*1.2%*	*1.2%*	*1.2%*	*1.2%*	*1.2%*	*1.2%*	*1.2%*	*1.2%*	*1.2%*	*1.2%*	*1.2%*	*1.2%*	*1.2%*	*1.2%*	*1.2%*	*1.2%*	*1.2%*	*1.2%*	*1.2%*	*1.2%*
Metals non packaging									*0.3%*	*0.3%*	*0.3%*	*0.3%*	*0.3%*	*0.3%*	*0.3%*	*0.3%*	*0.3%*	*0.3%*	*0.3%*	*0.3%*	*0.3%*	*0.3%*	*0.3%*	*0.3%*	*0.3%*	*0.3%*	*0.3%*	*0.3%*	*0.3%*	*0.3%*	*0.3%*	*0.3%*	*0.3%*	*0.3%*
Inert									8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%
Plastic									8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%
Plastic packaging									*6.0%*	*6.0%*	*6.0%*	*6.0%*	*6.0%*	*6.0%*	*6.0%*	*6.0%*	*6.0%*	*6.0%*	*6.0%*	*6.0%*	*6.0%*	*6.0%*	*6.0%*	*6.0%*	*6.0%*	*6.0%*	*6.0%*	*6.0%*	*6.0%*	*6.0%*	*6.0%*	*6.0%*	*6.0%*	*6.0%*
Plastic non packaging									*2.8%*	*2.8%*	*2.8%*	*2.8%*	*2.8%*	*2.8%*	*2.8%*	*2.8%*	*2.8%*	*2.8%*	*2.8%*	*2.8%*	*2.8%*	*2.8%*	*2.8%*	*2.8%*	*2.8%*	*2.8%*	*2.8%*	*2.8%*	*2.8%*	*2.8%*	*2.8%*	*2.8%*	*2.8%*	*2.8%*
Rubber									4.9%	4.9%	4.9%	4.9%	4.9%	4.9%	4.9%	4.9%	4.9%	4.9%	4.9%	4.9%	4.9%	4.9%	4.9%	4.9%	4.9%	4.9%	4.9%	4.9%	4.9%	4.9%	4.9%	4.9%	4.9%	4.9%
Special									1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%
Diapers									9.1%	9.1%	9.1%	9.1%	9.1%	9.1%	9.1%	9.1%	9.1%	9.1%	9.1%	9.1%	9.1%	9.1%	9.1%	9.1%	9.1%	9.1%	9.1%	9.1%	9.1%	9.1%	9.1%	9.1%	9.1%	9.1%
Bulky waste									0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total									100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.00%

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	
Incoming waste to WMC Lecevica (t)									112,313	111,806	111,302	110,800	110,301	109,804	109,309	108,817	108,981	109,079	109,177	109,276	109,376	109,476	109,577	109,679	109,781	109,884	109,988	110,018	110,049	110,082	110,115	110,150	110,185	
Analysis per material (t)																																		
Kitchen and biowaste									42,081	41,891	41,702	41,514	41,327	41,141	40,955	40,771	40,832	40,869	40,906	40,943	40,980	41,018	41,056	41,094	41,132	41,171	41,209	41,221	41,233	41,245	41,257	41,270	41,284	41,204
Paper/Cardboard									15,632	15,561	15,491	15,421	15,352	15,283	15,214	15,145	15,168	15,182	15,195	15,209	15,223	15,237	15,251	15,265	15,279	15,294	15,308	15,312	15,317	15,321	15,326	15,331	15,336	15,306
Paper/Cardboard packaging									*7,915*	*7,880*	*7,844*	*7,809*	*7,774*	*7,739*	*7,704*	*7,669*	*7,680*	*7,687*	*7,694*	*7,701*	*7,708*	*7,715*	*7,723*	*7,730*	*7,737*	*7,744*	*7,751*	*7,754*	*7,756*	*7,758*	*7,760*	*7,763*	*7,765*	*7,750*
Paper/Cardboard non packaging									*7,716*	*7,682*	*7,647*	*7,613*	*7,578*	*7,544*	*7,510*	*7,476*	*7,488*	*7,494*	*7,501*	*7,508*	*7,515*	*7,522*	*7,528*	*7,535*	*7,543*	*7,550*	*7,557*	*7,559*	*7,561*	*7,563*	*7,565*	*7,568*	*7,570*	*7,556*
Skin and bones									198	197	196	195	194	193	192	191	192	192	192	192	192	193	193	193	193	193	193	193	194	194	194	194	194	193
Wood									3,042	3,028	3,014	3,001	2,987	2,974	2,960	2,947	2,952	2,954	2,957	2,960	2,962	2,965	2,968	2,970	2,973	2,976	2,979	2,980	2,981	2,981	2,982	2,983	2,984	2,978
Textile									11,891	11,837	11,784	11,731	11,678	11,625	11,573	11,521	11,538	11,548	11,559	11,569	11,580	11,590	11,601	11,612	11,623	11,634	11,645	11,648	11,651	11,655	11,658	11,662	11,666	11,643
Glass									3,699	3,683	3,666	3,649	3,633	3,617	3,600	3,584	3,589	3,593	3,596	3,599	3,602	3,606	3,609	3,612	3,616	3,619	3,623	3,624	3,625	3,626	3,627	3,628	3,629	3,622
Glass packaging									*2,590*	*2,578*	*2,566*	*2,555*	*2,543*	*2,532*	*2,520*	*2,509*	*2,513*	*2,515*	*2,517*	*2,520*	*2,522*	*2,524*	*2,527*	*2,529*	*2,531*	*2,534*	*2,536*	*2,537*	*2,537*	*2,538*	*2,539*	*2,540*	*2,541*	*2,536*
Glass non packaging									*1,110*	*1,105*	*1,100*	*1,095*	*1,090*	*1,085*	*1,080*	*1,075*	*1,077*	*1,078*	*1,079*	*1,080*	*1,081*	*1,082*	*1,083*	*1,084*	*1,085*	*1,086*	*1,087*	*1,087*	*1,087*	*1,088*	*1,088*	*1,088*	*1,089*	*1,087*
Metals									2,044	2,035	2,026	2,017	2,008	1,999	1,990	1,981	1,984	1,985	1,987	1,989	1,991	1,993	1,995	1,996	1,998	2,000	2,002	2,003	2,003	2,004	2,004	2,005	2,006	2,002
Metals packaging									*1,612*	*1,605*	*1,597*	*1,590*	*1,583*	*1,576*	*1,569*	*1,562*	*1,564*	*1,566*	*1,567*	*1,568*	*1,570*	*1,571*	*1,573*	*1,574*	*1,576*	*1,577*	*1,579*	*1,579*	*1,579*	*1,580*	*1,580*	*1,581*	*1,581*	*1,578*
Metals non packaging									*432*	*430*	*428*	*427*	*425*	*423*	*421*	*419*	*420*	*420*	*420*	*421*	*421*	*421*	*422*	*422*	*423*	*423*	*423*	*424*	*424*	*424*	*424*	*424*	*424*	*423*
Inert									8,000	7,964	7,928	7,892	7,856	7,821	7,786	7,751	7,762	7,769	7,776	7,783	7,790	7,798	7,805	7,812	7,819	7,827	7,834	7,836	7,838	7,841	7,843	7,846	7,848	7,833
Plastic									11,829	11,776	11,723	11,670	11,617	11,565	11,513	11,461	11,478	11,489	11,499	11,509	11,520	11,530	11,541	11,552	11,563	11,573	11,584	11,588	11,591	11,594	11,598	11,601	11,605	11,583
Plastic packaging									*8,044*	*8,008*	*7,971*	*7,935*	*7,900*	*7,864*	*7,829*	*7,793*	*7,805*	*7,812*	*7,819*	*7,826*	*7,833*	*7,841*	*7,848*	*7,855*	*7,863*	*7,870*	*7,877*	*7,879*	*7,882*	*7,884*	*7,886*	*7,889*	*7,891*	*7,876*
Plastic non packaging									*3,785*	*3,768*	*3,751*	*3,734*	*3,718*	*3,701*	*3,684*	*3,668*	*3,673*	*3,676*	*3,680*	*3,683*	*3,686*	*3,690*	*3,693*	*3,697*	*3,700*	*3,704*	*3,707*	*3,708*	*3,709*	*3,710*	*3,711*	*3,713*	*3,714*	*3,707*
Rubber-Leather									4,484	4,464	4,443	4,423	4,403	4,384	4,364	4,344	4,351	4,355	4,359	4,363	4,366	4,370	4,375	4,379	4,383	4,387	4,391	4,392	4,393	4,395	4,396	4,397	4,399	4,390
Special									1,138	1,133	1,128	1,123	1,118	1,113	1,108	1,103	1,104	1,105	1,106	1,107	1,108	1,109	1,110	1,111	1,112	1,113	1,115	1,115	1,115	1,115	1,116	1,116	1,117	1,114
Diapers									8,276	8,239	8,202	8,165	8,128	8,091	8,055	8,019	8,031	8,038	8,045	8,052	8,060	8,067	8,075	8,082	8,090	8,097	8,105	8,107	8,109	8,112	8,114	8,117	8,119	8,104
Bulky									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total									112,313	111,806	111,302	110,800	110,301	109,804	109,309	108,817	108,981	109,079	109,177	109,276	109,376	109,476	109,577	109,679	109,781	109,884	109,988	110,018	110,049	110,082	110,115	110,150	110,185	109,973

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	Average 2023-2047
Incoming waste to WMC Lecevica (%)									100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
Analysis per material (%)																																		
Kitchen and biowaste									37.5%	37.5%	37.5%	37.5%	37.5%	37.5%	37.5%	37.5%	37.5%	37.5%	37.5%	37.5%	37.5%	37.5%	37.5%	37.5%	37.5%	37.5%	37.5%	37.5%	37.5%	37.5%	37.5%	37.5%	37.5%	37.5%
Paper/Cardboard									13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%
Paper/Cardboard packaging									*7.0%*	*7.0%*	*7.0%*	*7.0%*	*7.0%*	*7.0%*	*7.0%*	*7.0%*	*7.0%*	*7.0%*	*7.0%*	*7.0%*	*7.0%*	*7.0%*	*7.0%*	*7.0%*	*7.0%*	*7.0%*	*7.0%*	*7.0%*	*7.0%*	*7.0%*	*7.0%*	*7.0%*	*7.0%*	*7.0%*
Paper/Cardboard non packaging									*6.9%*	*6.9%*	*6.9%*	*6.9%*	*6.9%*	*6.9%*	*6.9%*	*6.9%*	*6.9%*	*6.9%*	*6.9%*	*6.9%*	*6.9%*	*6.9%*	*6.9%*	*6.9%*	*6.9%*	*6.9%*	*6.9%*	*6.9%*	*6.9%*	*6.9%*	*6.9%*	*6.9%*	*6.9%*	*6.9%*
Skin and bones									0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%
Wood									2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%
Textile									10.6%	10.6%	10.6%	10.6%	10.6%	10.6%	10.6%	10.6%	10.6%	10.6%	10.6%	10.6%	10.6%	10.6%	10.6%	10.6%	10.6%	10.6%	10.6%	10.6%	10.6%	10.6%	10.6%	10.6%	10.6%	10.6%
Glass									3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%
Glass packaging									*2.3%*	*2.3%*	*2.3%*	*2.3%*	*2.3%*	*2.3%*	*2.3%*	*2.3%*	*2.3%*	*2.3%*	*2.3%*	*2.3%*	*2.3%*	*2.3%*	*2.3%*	*2.3%*	*2.3%*	*2.3%*	*2.3%*	*2.3%*	*2.3%*	*2.3%*	*2.3%*	*2.3%*	*2.3%*	*2.3%*
Glass non packaging									*1.0%*	*1.0%*	*1.0%*	*1.0%*	*1.0%*	*1.0%*	*1.0%*	*1.0%*	*1.0%*	*1.0%*	*1.0%*	*1.0%*	*1.0%*	*1.0%*	*1.0%*	*1.0%*	*1.0%*	*1.0%*	*1.0%*	*1.0%*	*1.0%*	*1.0%*	*1.0%*	*1.0%*	*1.0%*	*1.0%*
Metals									1.8%	1.8%	1.8%	1.8%	1.8%	1.8%	1.8%	1.8%	1.8%	1.8%	1.8%	1.8%	1.8%	1.8%	1.8%	1.8%	1.8%	1.8%	1.8%	1.8%	1.8%	1.8%	1.8%	1.8%	1.8%	1.8%
Metals packaging									*1.4%*	*1.4%*	*1.4%*	*1.4%*	*1.4%*	*1.4%*	*1.4%*	*1.4%*	*1.4%*	*1.4%*	*1.4%*	*1.4%*	*1.4%*	*1.4%*	*1.4%*	*1.4%*	*1.4%*	*1.4%*	*1.4%*	*1.4%*	*1.4%*	*1.4%*	*1.4%*	*1.4%*	*1.4%*	*1.4%*
Metals non packaging									*0.4%*	*0.4%*	*0.4%*	*0.4%*	*0.4%*	*0.4%*	*0.4%*	*0.4%*	*0.4%*	*0.4%*	*0.4%*	*0.4%*	*0.4%*	*0.4%*	*0.4%*	*0.4%*	*0.4%*	*0.4%*	*0.4%*	*0.4%*	*0.4%*	*0.4%*	*0.4%*	*0.4%*	*0.4%*	*0.4%*
Inert									7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%
Plastic									10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%	10.5%
Plastic packaging									*7.2%*	*7.2%*	*7.2%*	*7.2%*	*7.2%*	*7.2%*	*7.2%*	*7.2%*	*7.2%*	*7.2%*	*7.2%*	*7.2%*	*7.2%*	*7.2%*	*7.2%*	*7.2%*	*7.2%*	*7.2%*	*7.2%*	*7.2%*	*7.2%*	*7.2%*	*7.2%*	*7.2%*	*7.2%*	*7.2%*
Plastic non packaging									*3.4%*	*3.4%*	*3.4%*	*3.4%*	*3.4%*	*3.4%*	*3.4%*	*3.4%*	*3.4%*	*3.4%*	*3.4%*	*3.4%*	*3.4%*	*3.4%*	*3.4%*	*3.4%*	*3.4%*	*3.4%*	*3.4%*	*3.4%*	*3.4%*	*3.4%*	*3.4%*	*3.4%*	*3.4%*	*3.4%*
Rubber									4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%
Special									1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
Diapers									7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	7.4%
Bulky waste									0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total									100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.00%

Format for GHG calculations	
Food waste	30.25%
Garden waste	7.21%
Wood	2.71%
Textiles	10.59%
Paper + cardboard	13.92%
Plastics	10.53%
Metal	1.82%
Glass	3.29%
Other	19.67%

MRF Facility assumptions	Recovery %
Paper	
Paper Packaging	*80%*
Paper non packaging	*80%*
Plastic	
Plastic packaging	*80%*
Plastic non packaging	*80%*
Glass	
Glass packaging	*80%*
Glass non packaging	*80%*
Metal	
Metal packaging	*80%*
Metal non packaging	*80%*

MRF outpout (Recovered RECYCLABLES)

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047
Paper	**40,068**	**39,888**	**39,708**	**39,529**	**39,351**	**39,173**	**38,997**	**38,821**	**38,880**	**38,914**	**38,950**	**38,985**	**39,021**	**39,056**	**39,092**	**39,129**	**39,165**	**39,202**	**39,239**	**39,250**	**39,261**	**39,272**	**39,284**	**39,297**	**39,309**
Paper Packaging	*20,286*	*20,194*	*20,103*	*20,013*	*19,922*	*19,833*	*19,743*	*19,654*	*19,684*	*19,702*	*19,719*	*19,737*	*19,755*	*19,773*	*19,792*	*19,810*	*19,829*	*19,847*	*19,866*	*19,871*	*19,877*	*19,883*	*19,889*	*19,895*	*19,902*
Paper non packaging	*19,782*	*19,693*	*19,604*	*19,516*	*19,428*	*19,341*	*19,253*	*19,167*	*19,196*	*19,213*	*19,230*	*19,248*	*19,265*	*19,283*	*19,301*	*19,319*	*19,337*	*19,355*	*19,373*	*19,378*	*19,384*	*19,390*	*19,395*	*19,401*	*19,408*
Plastic	**30,325**	**30,189**	**30,052**	**29,917**	**29,782**	**29,648**	**29,514**	**29,381**	**29,426**	**29,452**	**29,479**	**29,505**	**29,532**	**29,560**	**29,587**	**29,614**	**29,642**	**29,670**	**29,698**	**29,706**	**29,714**	**29,723**	**29,732**	**29,741**	**29,751**
Plastic packaging	*20,621*	*20,528*	*20,436*	*20,344*	*20,252*	*20,161*	*20,070*	*19,979*	*20,010*	*20,028*	*20,046*	*20,064*	*20,082*	*20,101*	*20,119*	*20,138*	*20,157*	*20,175*	*20,194*	*20,200*	*20,206*	*20,212*	*20,218*	*20,224*	*20,231*
Plastic non packaging	*9,704*	*9,660*	*9,617*	*9,573*	*9,530*	*9,487*	*9,445*	*9,402*	*9,416*	*9,425*	*9,433*	*9,442*	*9,450*	*9,459*	*9,468*	*9,477*	*9,485*	*9,494*	*9,503*	*9,506*	*9,509*	*9,511*	*9,514*	*9,517*	*9,520*
Glass	**9,481**	**9,438**	**9,395**	**9,353**	**9,311**	**9,269**	**9,227**	**9,186**	**9,199**	**9,208**	**9,216**	**9,224**	**9,233**	**9,241**	**9,250**	**9,258**	**9,267**	**9,276**	**9,284**	**9,287**	**9,290**	**9,292**	**9,295**	**9,298**	**9,301**
Glass packaging	*6,636*	*6,606*	*6,577*	*6,547*	*6,518*	*6,488*	*6,459*	*6,430*	*6,440*	*6,445*	*6,451*	*6,457*	*6,463*	*6,469*	*6,475*	*6,481*	*6,487*	*6,493*	*6,499*	*6,501*	*6,503*	*6,505*	*6,507*	*6,509*	*6,511*
Glass non packaging	*2,844*	*2,832*	*2,819*	*2,806*	*2,793*	*2,781*	*2,768*	*2,756*	*2,760*	*2,762*	*2,765*	*2,767*	*2,770*	*2,773*	*2,775*	*2,778*	*2,780*	*2,783*	*2,785*	*2,786*	*2,787*	*2,788*	*2,789*	*2,790*	*2,790*
Metal	**5,239**	**5,215**	**5,192**	**5,168**	**5,145**	**5,122**	**5,099**	**5,076**	**5,084**	**5,088**	**5,093**	**5,097**	**5,102**	**5,107**	**5,111**	**5,116**	**5,121**	**5,126**	**5,131**	**5,132**	**5,133**	**5,135**	**5,136**	**5,138**	**5,140**
Metal packaging	*4,131*	*4,112*	*4,094*	*4,075*	*4,057*	*4,039*	*4,020*	*4,002*	*4,008*	*4,012*	*4,016*	*4,019*	*4,023*	*4,027*	*4,030*	*4,034*	*4,038*	*4,042*	*4,045*	*4,047*	*4,048*	*4,049*	*4,050*	*4,051*	*4,053*
Metal non packaging	*1,108*	*1,103*	*1,098*	*1,093*	*1,088*	*1,083*	*1,078*	*1,074*	*1,075*	*1,076*	*1,077*	*1,078*	*1,079*	*1,080*	*1,081*	*1,082*	*1,083*	*1,084*	*1,085*	*1,085*	*1,086*	*1,086*	*1,086*	*1,087*	*1,087*
Total Recyclables	**85,113**	**84,729**	**84,347**	**83,967**	**83,589**	**83,212**	**82,837**	**82,464**	**82,588**	**82,662**	**82,737**	**82,812**	**82,888**	**82,964**	**83,040**	**83,117**	**83,195**	**83,273**	**83,351**	**83,374**	**83,398**	**83,423**	**83,448**	**83,474**	**83,501**
Total Packaging	**51,674**	**51,441**	**51,209**	**50,979**	**50,749**	**50,520**	**50,293**	**50,066**	**50,141**	**50,186**	**50,232**	**50,277**	**50,323**	**50,369**	**50,416**	**50,463**	**50,510**	**50,557**	**50,605**	**50,619**	**50,633**	**50,648**	**50,663**	**50,679**	**50,696**

MRF outpout (Residues)

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047
Paper	5,009	4,986	4,963	4,941	4,919	4,897	4,875	4,853	4,860	4,864	4,869	4,873	4,878	4,882	4,887	4,891	4,896	4,900	4,905	4,906	4,908	4,909	4,911	4,912	4,914
Paper Packaging	*2,536*	*2,524*	*2,513*	*2,502*	*2,490*	*2,479*	*2,468*	*2,457*	*2,461*	*2,463*	*2,465*	*2,467*	*2,470*	*2,472*	*2,474*	*2,476*	*2,479*	*2,481*	*2,483*	*2,484*	*2,485*	*2,485*	*2,486*	*2,487*	*2,488*
Paper non packaging	*2,473*	*2,462*	*2,450*	*2,439*	*2,428*	*2,417*	*2,407*	*2,396*	*2,399*	*2,402*	*2,404*	*2,406*	*2,408*	*2,410*	*2,412*	*2,415*	*2,417*	*2,419*	*2,422*	*2,422*	*2,423*	*2,424*	*2,424*	*2,425*	*2,426*
Plastic	3,791	3,773	3,756	3,740	3,723	3,706	3,689	3,673	3,678	3,681	3,685	3,688	3,691	3,695	3,698	3,702	3,705	3,709	3,712	3,713	3,714	3,715	3,716	3,718	3,719
Plastic packaging	*2,578*	*2,566*	*2,554*	*2,543*	*2,531*	*2,520*	*2,509*	*2,497*	*2,501*	*2,503*	*2,506*	*2,508*	*2,510*	*2,512*	*2,515*	*2,517*	*2,519*	*2,522*	*2,524*	*2,525*	*2,526*	*2,526*	*2,527*	*2,528*	*2,529*
Plastic non packaging	*1,213*	*1,208*	*1,202*	*1,197*	*1,191*	*1,186*	*1,181*	*1,175*	*1,177*	*1,178*	*1,179*	*1,180*	*1,181*	*1,182*	*1,183*	*1,185*	*1,186*	*1,187*	*1,188*	*1,188*	*1,189*	*1,189*	*1,189*	*1,190*	*1,190*
Glass	1,185	1,180	1,174	1,169	1,164	1,159	1,153	1,148	1,150	1,151	1,152	1,153	1,154	1,155	1,156	1,157	1,158	1,160	1,161	1,161	1,161	1,162	1,162	1,162	1,163
Glass packaging	*830*	*826*	*822*	*818*	*815*	*811*	*807*	*804*	*805*	*806*	*806*	*807*	*808*	*809*	*809*	*810*	*811*	*812*	*812*	*813*	*813*	*813*	*813*	*814*	*814*
Glass non packaging	*356*	*354*	*352*	*351*	*349*	*348*	*346*	*344*	*345*	*345*	*346*	*346*	*346*	*347*	*347*	*347*	*348*	*348*	*348*	*348*	*348*	*348*	*349*	*349*	*349*
Metal	***655***	***652***	***649***	***646***	***643***	***640***	***637***	***635***	***635***	***636***	***637***	***637***	***638***	***638***	***639***	***640***	***640***	***641***	***641***	***642***	***642***	***642***	***642***	***642***	***643***
Metal packaging	*516*	*514*	*512*	*509*	*507*	*505*	*503*	*500*	*501*	*502*	*502*	*502*	*503*	*503*	*504*	*504*	*505*	*505*	*506*	*506*	*506*	*506*	*506*	*506*	*507*
Metal non packaging	*139*	*138*	*137*	*137*	*136*	*135*	*135*	*134*	*134*	*135*	*135*	*135*	*135*	*135*	*135*	*135*	*135*	*136*	*136*	*136*	*136*	*136*	*136*	*136*	*136*
Total Recyclables rejected (bad quality)	**10639**	**10591**	**10543**	**10496**	**10449**	**10402**	**10355**	**10308**	**10324**	**10333**	**10342**	**10352**	**10361**	**10370**	**10380**	**10390**	**10399**	**10409**	**10419**	**10422**	**10425**	**10428**	**10431**	**10434**	**10438**
Other fractions rejected	**10639**	**10591**	**10543**	**10496**	**10449**	**10402**	**10355**	**10308**	**10324**	**10333**	**10342**	**10352**	**10361**	**10370**	**10380**	**10390**	**10399**	**10409**	**10419**	**10422**	**10425**	**10428**	**10431**	**10434**	**10438**
Total Residues	**21278**	**21182**	**21087**	**20992**	**20897**	**20803**	**20709**	**20616**	**20647**	**20666**	**20684**	**20703**	**20722**	**20741**	**20760**	**20779**	**20799**	**20818**	**20838**	**20844**	**20850**	**20856**	**20862**	**20869**	**20875**

MRF Input	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047
Paper	50,085	49,859	49,635	49,411	49,188	48,966	48,746	48,526	48,599	48,643	48,687	48,731	48,776	48,820	48,865	48,911	48,956	49,002	49,048	49,062	49,076	49,090	49,105	49,121	49,137
Paper Packaging	*25,357*	*25,243*	*25,129*	*25,016*	*24,903*	*24,791*	*24,679*	*24,568*	*24,605*	*24,627*	*24,649*	*24,672*	*24,694*	*24,717*	*24,740*	*24,763*	*24,786*	*24,809*	*24,832*	*24,839*	*24,846*	*24,854*	*24,861*	*24,869*	*24,877*
Paper non packaging	*24,728*	*24,617*	*24,506*	*24,395*	*24,285*	*24,176*	*24,067*	*23,958*	*23,994*	*24,016*	*24,038*	*24,060*	*24,081*	*24,104*	*24,126*	*24,148*	*24,171*	*24,193*	*24,216*	*24,223*	*24,230*	*24,237*	*24,244*	*24,252*	*24,260*
Plastic	37,907	37,736	37,566	37,396	37,228	37,060	36,893	36,727	36,782	36,815	36,848	36,882	36,916	36,949	36,984	37,018	37,052	37,087	37,122	37,132	37,143	37,154	37,165	37,177	37,189
Plastic packaging	*25,777*	*25,660*	*25,545*	*25,430*	*25,315*	*25,201*	*25,087*	*24,974*	*25,012*	*25,034*	*25,057*	*25,080*	*25,103*	*25,126*	*25,149*	*25,172*	*25,196*	*25,219*	*25,243*	*25,250*	*25,257*	*25,265*	*25,272*	*25,280*	*25,288*
Plastic non packaging	*12,130*	*12,075*	*12,021*	*11,967*	*11,913*	*11,859*	*11,806*	*11,753*	*11,770*	*11,781*	*11,791*	*11,802*	*11,813*	*11,824*	*11,835*	*11,846*	*11,857*	*11,868*	*11,879*	*11,882*	*11,886*	*11,889*	*11,893*	*11,896*	*11,900*
Glass	11,851	11,797	11,744	11,691	11,639	11,586	11,534	11,482	11,499	11,510	11,520	11,531	11,541	11,552	11,562	11,573	11,584	11,595	11,606	11,609	11,612	11,616	11,619	11,623	11,626
Glass packaging	*8,296*	*8,258*	*8,221*	*8,184*	*8,147*	*8,110*	*8,074*	*8,037*	*8,049*	*8,057*	*8,064*	*8,071*	*8,079*	*8,086*	*8,093*	*8,101*	*8,109*	*8,116*	*8,124*	*8,126*	*8,128*	*8,131*	*8,133*	*8,136*	*8,138*
Glass non packaging	*3,555*	*3,539*	*3,523*	*3,508*	*3,492*	*3,476*	*3,460*	*3,445*	*3,450*	*3,453*	*3,456*	*3,459*	*3,462*	*3,466*	*3,469*	*3,472*	*3,475*	*3,479*	*3,482*	*3,483*	*3,484*	*3,485*	*3,486*	*3,487*	*3,488*
Metal	6,549	6,519	6,490	6,461	6,431	6,402	6,374	6,345	6,354	6,360	6,366	6,372	6,378	6,383	6,389	6,395	6,401	6,407	6,413	6,415	6,417	6,419	6,421	6,423	6,425
Metal packaging	*5,164*	*5,140*	*5,117*	*5,094*	*5,071*	*5,048*	*5,026*	*5,003*	*5,010*	*5,015*	*5,020*	*5,024*	*5,029*	*5,033*	*5,038*	*5,043*	*5,047*	*5,052*	*5,057*	*5,058*	*5,060*	*5,061*	*5,063*	*5,064*	*5,066*
Metal non packaging	*1,385*	*1,379*	*1,373*	*1,366*	*1,360*	*1,354*	*1,348*	*1,342*	*1,344*	*1,345*	*1,346*	*1,348*	*1,349*	*1,350*	*1,351*	*1,353*	*1,354*	*1,355*	*1,356*	*1,357*	*1,357*	*1,358*	*1,358*	*1,358*	*1,359*
Total Recyclables	**106,392**	**105,912**	**105,434**	**104,959**	**104,486**	**104,015**	**103,547**	**103,080**	**103,235**	**103,328**	**103,421**	**103,515**	**103,610**	**103,705**	**103,801**	**103,897**	**103,994**	**104,091**	**104,189**	**104,218**	**104,248**	**104,278**	**104,310**	**104,343**	**104,377**
Other fractions rejected																									
Total MRF Input	**106,392**	**105,912**	**105,434**	**104,959**	**104,486**	**104,015**	**103,547**	**103,080**	**103,235**	**103,328**	**103,421**	**103,515**	**103,610**	**103,705**	**103,801**	**103,897**	**103,994**	**104,091**	**104,189**	**104,218**	**104,248**	**104,278**	**104,310**	**104,343**	**104,377**