



SKUPLJANJE I RECIKLAŽA OTPADA

● UVOD

Cjeloviti sustav gospodarenja otpadom bitna je sastavnica modernog društva, a za njegovo razvijanje i učinkovitost važne su gospodarske odrednice koje potiču **smanjivanje otpada, odvojeno skupljanje, recikliranje i oporabu** te usmjeravanje i kontinuirani razvoj navedenog.

Prema Zakonu o otpadu, obrada otpada jest postupak kojim se u mehaničkom, fizikalnom, termičkom, kemijskom ili biološkom procesu, uključujući razvrstavanje, mijenjaju svojstva otpada radi smanjivanja količine i/ili opasnih svojstava te olakšava rukovanje i poboljšava iskoristivost otpada. Ponovna uporaba otpada u proizvodnom procesu, osim uporabe otpada u energetske svrhe, je recikliranje, a ako se otpad podvrgne postupku ponovne obrade radi njegova korištenja u materijalne i energetske svrhe, riječ je o oporabi. Onaj dio otpada koji se ne može reciklirati, koristi se u energetske svrhe, a odlaže se samo iznimno mali dio bezvrijednih ostataka.

SECONDARY RAW MATERIALS COLLECTION, PROCESSING AND RECYCLING

● INTRODUCTION

The comprehensive system of waste management is an essential constituent of modern society and its development and its efficiency are important economic determinants which encourage waste **minimisation, separate collection, recycling and waste recovery** and their management and continuous development.

According to the existing Waste Act **waste treatment** is the changing of the properties of waste, by means of mechanical, physical, chemical or biological processes, including sorting, with the purpose of reducing its volume and/or hazardous properties, while facilitating its handling and enhancing its recoverability. The reuse of waste in production process which does not include the use of waste for energy purposes is recycling while the reprocessing of waste in order for it to be used for material and energy purposes is a **waste recovery**. The waste that cannot be recycled is used for energy purposes, with only a minor part of the total volume being disposed.

RECIKLAŽA SEKUNDARNIH SIROVINA U 2007. GODINI (NKD DN 37)

PRODUCTION VOLUMES OF RECLAIMED SECONDARY RAW MATERIALS IN 2007 (NKD DN 37)

Naziv proizvoda, NN 18/97 Product name, Official Gazette NN 18/97	Mjerna jedinica Unit of Measure	Reciklaža Output						
		2001.	2002.	2003.	2004.	2005.	2006.	2007.
Metalne sek. sirovine od željeza i nelegiranih čelika Secondary metal raw materials - from iron and non-alloy steel	t	138.656	150.268	178.455	257.950	265.962	321.172	348.000
Metalne sek. sirovine od legiranih čelika Secondary metal raw materials, from alloy steel	t	8.656	8.841	10.542	10.970	7.795	10.649	12.969
Metalne sek. sirovine od bakra i bakrenih legura Secondary metal raw materials from copper and copper alloys	t	2.060	1.973	2.337	3.676	3.745	2.559	2.688
Metalne sek. sirovine od aluminija i aluminijevskih legura Secondary metal raw materials, from aluminium and aluminium alloys	t	2.959	3.303	3.913	4.356	4.388	5.042	6.524
Metalne sek. sirovine od olova i olovnih legura Secondary metal raw materials, from lead and lead alloys	t	1.165	1.172	1.101	1.378	1.336	908	1.379
Metalne sek. sirovine od cinka i cinčanih legura Secondary metal raw materials, from zinc and zinc alloys	t	170	118	194	214	129	107	122
Metalne sek. sirovine od ostalih metalnih ostataka i otpadaka Secondary metal raw materials, from other metal waste and scrap	t	353	222	314	65	140	273	136
Nemetalne sekundarne sirovine od papira Secondary non-metal raw materials, from paper	t	69.532	73.280	109.273	129.552	132.810	137.000	167.000
Nemetalne sek. sirovine od pamučnih vlakana Secondary non-metal raw materials, from cotton fibres	t	21	18	17	15	15	16	18
Nemetalne sek. sirovine od ostalih tekstilnih vlakana Secondary non-metal raw materials, from other textile fibres	t	461	389	383	407	540	1.600	1.850
Nemetalne sek. sirovine od gume Secondary non-metal raw materials, from rubber	t	-	-	-	-	-	19.800	21.200
Nemetalne sek. sirovine od plastike Secondary non-metal raw materials, from plastic	t	490	1.200	1.300	1.800	2.500	3.100	3.561
Nemetalne sek. sirovine od staklenog krša Secondary non-metal raw materials, from cullet	t	13.068	14.798	10.400	11.850	13.200	14.800	15.563
Otpadna (jestiva i maziva) ulja Waste (edible oil and lubricants) oils	t	1.429*	1.176*	1.564*	1.819*	4.490*	5.000*	7.836
Otpadna vozila End-of-life vehicles	t	-	-	-	-	-	4.332	2.787
Električni i elektronički otpad Electric and electronic waste	t	-	-	-	-	-	-	169**
Otpadne baterije i akumulatori Waste batteries and accumulators	t	-	-	-	-	-	-	1.949

Izvor: DZS RH; Agencija za zaštitu okoliša; Fond za zaštitu okoliša i energetska učinkovitost; obrada: HGK

* podaci izraženi u m³

** podaci se odnose na studeni i prosinac 2007.

*** podaci obuhvaćeni u navedenoj tablici ne odnose se na uklanjanje otpadnih voda, smeća, sanitarne i sl. djelatnosti (NKD 0 90)

Source: CBS; Croatian Environment Agency, Fund for Environmental Protection and Energy Efficiency, compiled by CCE

* data expressed in cubic meters

** data refer to November and December in 2007

*** Data from the above table do not refer to sewage and refuse disposal, sanitation and other similar activities (NKD 0 90)

U Republici Hrvatskoj ustrojeni su sljedeći sustavi odvojenog skupljanja otpada te njegove obrade (dodjela koncesija od Ministarstva zaštite okoliša, prostornog uređenja i graditeljstva tvrtkama koje zadovoljavaju uvjetima):

- gospodarenje neopasnim otpadom (metali, nemetali – papir, tekstil i ostalo)
- gospodarenje ambalažnim otpadom (PET, PE-polietilen, ostala plastična ambalaža, MET-Al/Fe limenke, papir/ljepenka-karton i višeslojna ambalaža s pretežno papirnom komponentom, staklo, drvo, tekstil i ostali ambalažni materijali)

gospodarenje posebnim kategorijama otpada:

- gospodarenje medicinskim otpadom
- gospodarenje otpadnim gumama
- gospodarenje otpadnim vozilima
- gospodarenje električnim i elektroničkim otpadom
- gospodarenje otpadnim baterijama i akumulatorima
- gospodarenje otpadnim uljima i drugim zauljenim otpadom (otpadna maziva ulja, otpadna jestiva ulja, zauljene vode, zauljeni ambalažni materijali, zauljene krpe)
- gospodarenje otpadnim bojama i lakovima
- gospodarenje građevnim otpadom
- gospodarenje nusproizvodima životinjskog podrijetla
- gospodarenje otpadnim muljem iz uređaja za pročišćavanje otpadnih voda kada se mulj koristi u poljoprivredi

The following systems of separate waste collection and treatment have been established in Croatia due to concession allocations under favourable conditions to interested companies by the Ministry of Environmental Protection, Physical Planning and Construction:

- Non-hazardous waste management (metals, non-metals – paper, textile and other)
- Management of packaging waste (PET, PE, other plastic packaging, MET-Al/Fe cans, paper/cardboard and multilayered packaging mostly with paper component, glass, wood, textile and other packaging materials)

management of special waste categories:

- medical waste management
- waste tyres management
- end-of-life vehicle management
- electric and electronic waste management
- waste batteries and accumulator management
- used oil and other oil waste material management (waste lubricants, edible oils, oiled water, oiled packaging material, oiled cloths)
- waste paint and varnish management
- construction waste management
- animal origin by-product management
- management of waste sludge (used for agricultural purposes) from water treatment plant

OSNOVNI POKAZATELJI DJELATNOSTI RECIKLAŽE (NKD DN 37) BASIC INDICATORS FOR THE RECYCLING SECTOR (NKD DN 37)

	2001.	2002.	2003.	2004.	2005.	2006.	2007.
Reciklaža (tone) Recycling (tonnes)	236.893	254.728	323.372	428.243	430.596	580.000	522.633
Ukupni prihod (1000 kuna) Total Revenue (in HRK '000)	680.286	718.784	940.472	1.047.375	1.347.000	1.589.554	2.254.895
Uvoz (1000 kuna) Imports (in HRK '000)	161.589	150.868	174.169	243.051	108.752	111.942	124.092
Izvoz (1000 kuna) Exports (in HRK '000)	160.645	180.752	227.504	355.975	454.980	670.184	737.373
Broj zaposlenih No. of employees	1.140	1.150	1.261	1.292	1.494	1.907	2.273

Izvor: DZS RH; obrada: HGK
Source: CBS; Compiled by: CCE

OSNOVNI POKAZATELJI DJELATNOSTI UKLANJANJA OTPADNIH VODA, SMEĆA, SANITARNE I SL. DJELATNOSTI (NKD O 90)

BASIC INDICATORS FOR SEWAGE AND REFUSE DISPOSAL, SANITATION AND SIMILAR ACTIVITIES (NKD O 90)

	2005.	2006.	2007.
Ukupni prihod (1000 kuna) Total revenue (in HRK '000)	1.739.228	1.470.166	1.673.428
Uvoz (1000 kuna) Imports (in HRK '000)	18.356	10.209	18.674
Broj tvrtki No. of companies	162	184	200
Broj zaposlenih No. of employees	7.710	6.568	6.982

Izvor: DZS RH; obrada: HGK
Source: CBS; Compiled by: CCE

DESET NAJVEĆIH TVRTKI SAKUPLJAČA KORISNOG I OPASNOG OTPADA PREMA UKUPNOM PRIHODU U 2007.

TEN LARGEST COMPANIES BY TOTAL REVENUE IN 2007

Naziv tvrtke Company Name	Grad City	Ukupni prihod kn Total Revenue in HRK	Broj zaposlenih No. of Employees
C.I.O.S. d.o.o. cios@cios.hr	Zagreb	445.566.608	25
CE-ZA-R d.o.o. www.cezar-zg.hr	Zagreb	264.467.845	106
GUMIIMPEX - GRP d.o.o. www.grp.hr	Varaždin	230.287.034	191
METIS d.d. www.metis.hr	Rijeka	193.697.907	138
UNIVERZAL d.o.o. www.univerzal-vz.hr	Varaždin	142.869.977	135
ODLAGALIŠTE SIROVINA d.o.o. www.sirovina-odlagaliste.hr	Zadar	96.305.708	48
UNIJAPAPIR, d.d. www.unijapapir.hr	Zagreb	93.889.149	279
RIJEKATANK d.o.o. www.rijekatank.hr	Rijeka	81.545.252	90
MELTAL d.o.o. www.meltal.hr	Zagreb-Susedgrad	64.627.540	28
JADRAN-METAL d.d. www.jadran-metal.hr	Pula	34.346.102	50

Izvor: FINA; obrada HGK

Source: FINA; Compiled by CCE

Za ostale vrste sekundarnih sirovina postoji dragovoljni sustav skupljanja i gospodarenja, a njegovo formalno uspostavljanje očekuje se s uspostavom pravnog okvira.

Na području Republike Hrvatske u djelatnosti reciklaže (NKD DN 37) registrirano je 145 tvrtki s ukupno 2273 zaposlena, među kojima 95 tvrtki djeluje u području djelatnosti Reciklaže metalnih ostataka i otpadaka (NKD DN 371) sa 1182 zaposlena, a ostalih 50 tvrtki djeluju u djelatnosti Reciklaže nemetalnih ostataka i otpadaka (NKD DN 372) sa 1091 zaposlenim.

U djelatnosti Uklanjanja otpadnih voda, smeća, sanitarne i sl. djelatnosti (NKD 0 90) registrirano je 200 tvrtki s ukupno 6982 zaposlena.

Navedeni podaci odnose se na 2007. godinu.

VANJSKOTRGOVINSKO POSLOVANJE

S vrijednošću ostvarenog uvoza od 124.092 mil. kuna 2007. godine reciklaža je sudjelovala u ukupnom robnom uvozu sa 0,23 posto., a s vrijednošću ostvarenog izvoza od 737.373 mil. kuna 2007. godine reciklaža je sudjelovala u ukupnom izvozu sa 1,5 posto.

Potrebno je napomenuti da za uvoz i izvoz sekundarnih sirovina vrijede posebne odredbe Zakona o otpadu u skladu sa čl. 50 – čl. 54 (NN 178/04).

For other types of secondary raw materials the system of voluntary collection and management has been established and its formal acknowledgement is expected with the establishment of legal framework.

On the territory of the Republic of Croatia 145 companies with 2,273 employees have been registered in the recycling sector (NKD DN 37), out of which 95 companies with 1,182 employees carry out the activities metal waste and scrap recycling (NKD DN 371) while the remaining 50 with 1,091 employees are engaged in non-metal waste and scrap recycling (NKD DN 372).

In the sector of sewage and refuse disposal, sanitation and other similar (NKD 0 90) 200 companies with the total of 6,982 employees have been registered in Croatia.

The above mentioned data refer to 2007.

FOREIGN TRADE

The recycling sector achieved an export value of HRK 124.092 million in 2007 and participated in total goods export of manufacturing industry with 0.23%.

With an export value of HRK 737.373 million the recycling sector participated in 2007 in total goods export of manufacturing industry with 1.5%.

It is important to mention that special provisions in accordance with Article 50-54 of Waste Act (Official Gazette NN 178/04) are in force for import and export of secondary raw materials.

● STRUKOVNO UDRUŽIVANJE U HGK

Udruženje za sekundarne sirovine, skupljanje i preradu Hrvatske gospodarske komore okuplja trgovačka društva koja obavljaju djelatnost reciklaže metalnih i nemetalnih ostataka i otpadaka (NKD DN 37) i trgovačka društva koja obavljaju djelatnost skupljanja, skladištenja i predobrade opasnog otpada (NKD O 90).

Udruženje promiče, zastupa, usklađuje i štiti zajedničke interese članica pred državnim i drugim tijelima u zemlji i inozemstvu. Ono usklađuje interese članica na području tehničko-tehnološkog razvoja, financijskog poslovanja te pravnih pitanja u gospodarstvu.

Aktivnosti Udruženja odvijaju se radom Vijeća Udruženja te radom grupacija:

- Grupacija za reciklažu metalnih ostataka i otpadaka (NKD DN 371)
- Grupacija za reciklažu nemetalnih ostataka i otpadaka (NKD DN 372)
- Grupacija za skupljanje, skladištenje i predobradu opasnih ostataka i otpadaka (NKD O 900)

Udruženje predstavlja i njegovim radom koordiniraju:

Predsjednik:

Zdravko Rubić – Unijapapir d.d. (Zagreb)

Dopredsjednici:

Jerry Pajić – Metis d.d. (Rijeka)

Zvonimir Keblar – Unija Nova d.o.o. (Zagreb)

Ilija Šmitran – Ind-eko d.o.o. (Rijeka)

Tajnica:

Renata Patarčić - HGK

● ZAKONSKA REGULATIVA

U Republici Hrvatskoj trenutno je na snazi niz zakonskih i podzakonskih akata koji određuju i reguliraju gospodarenje otpadom te uspostavu i rad postrojenja za zbrinjavanje otpada.

Tijekom 2007. godine u Republici Hrvatskoj radilo se na usklađivanju zakonskih propisa s pravnom stečevinom Europske unije i slijedom toga na snagu je stupio novi Zakon o zaštiti okoliša (NN 110/07) čime je prestao važiti stari Zakon o zaštiti okoliša (NN 82/94; NN 128/99).

Republika Hrvatska izradila je i usvojila Strategiju gospodarenja otpadom RH (NN 130/05) koja je sastavni dio Strategije zaštite okoliša i Nacionalnog plana djelovanja za okoliš (NN 46/02). Aktivnosti vezane uz razvoj sustava zaštite okoliša i gospodarenja otpadom proizlaze iz navedenih strategija. Tako je na Sjednici Vlade RH 19. srpnja 2007. godine usvojen Plan gospodarenja otpadom u Republici Hrvatskoj za razdoblje 2007. do 2015. godine (NN 85/07).

Godine 2008. na snagu je stupio Pravilnik o registru onečišćavanja okoliša (NN 35/08) čime je prestao važiti Pravilnik o Katastru emisija u okoliš (NN 36/96). Osnovna je svrha donošenja Pravilnika uspostava jedinstvenog registra o ispuštanju, prijenosu i odlaganju onečišćujućih tvari i otpada u okoliš, u obliku javnosti dostupne baze podataka o onečišćivačima i ispuštanjima onečišćujućih tvari i otpada u okoliš (zrak, tlo i vodu) iz pojedinačnih izvora.

● PROFESSIONAL ASSOCIATION WITHIN THE CCE

The Secondary Raw Materials Collection and Processing Association of the Croatian Chamber of Economy brings together companies whose primary business activities are the recycling of metal and non-metal waste and scrap (NKD DN 37) as well as the companies whose business activities include collection, storage and pre-treatment of hazardous waste (NKD DN O 90).

The Association promotes, represents, coordinates and protects the interest of the members before the government bodies and other bodies both home and abroad. It coordinates the common interests of its members regarding technical and technological development and economic and financial dealings as well as the legal issues of economy.

The tasks and the activities of the Association are performed by the Council and through the following Groups:

- Metal Waste and Scrap Recycling Group (NKD DN 371)
- Non-metal Waste and Scrap Recycling Group (NKD DN 372)
- Hazardous Waste and Scrap Collection, Storage and Pre-treatment Group (NKD O 900)

The activities of the Association are managed and represented by:

President:

Zdravko Rubić – Unijapapir d.d. (Zagreb)

Vice-presidents:

Jerry Pajić – Metis d.d. (Rijeka)

Zvonimir Keblar – Unija Nova d.o.o. (Zagreb)

Ilija Šmitran – Ind-eko d.o.o. (Rijeka)

Executive Secretary:

Renata Patarčić - CCE

● LEGISLATION

There are quite a number of laws and by-laws currently enforced in Croatia which determine and govern waste management as well as the establishment and performance of waste management plants.

In the year 2007, the Croatian legislative has been harmonized with the European Community acquis and therefore the new Environmental Protection Act (NN [Official Gazette]110/07) has become valid; by which the old Environmental Protection Act ceases to be in force. On the basis of the existing umbrella law, i.e. the Environmental Protection Act, the Croatian National Strategy of Waste Management has been devised and adopted (NN [Official Gazette] 130/05), which is the important constituent of National Environmental Strategy and National Environmental Action Plan (NN [Official Gazette]46/02). All activities related to environmental protection and waste management system derive from the above mentioned strategies. Plan for waste management in Croatia for the period between 2007 and 2015 (NN 85/07) was adopted on Government session of July 19 2007. In 2008, the Ordinance on Register of Environmental Pollution (NN[Official Gazette] 35/08) has come into force which means that the Register on Environmental Emission Inventory (NN 36/96) has ceased to be valid. The main purpose of the Ordinance is to establish an unique register on emission, transmission and disposal of pollutants and waste in the environment in a form of an open public database on pollutants and pollutant and

HRVATSKI PROPISI ZA PODRUČJE OTPAD:

Zakon o otpadu (NN 178/04; NN 111/06; NN 60/08)
 Strategiju gospodarenja otpadom RH (NN 130/05)
 Plan gospodarenja otpadom u Republici Hrvatskoj za razdoblje 2007. do 2015. godine (NN 85/07)
 Uredba o kategorijama, vrstama i klasifikaciji otpada s katalogom otpada i listom opasnog otpada (NN 50/05)
 Uredba o nadzoru prekograničnog prometa otpadom (NN 69/06; NN 17/07)
 Pravilnik o očevidniku pravnih i fizičkih osoba koje se bave djelatnošću posredovanja u organiziranju uporabe i/ili zbrinjavanja otpada i pravnih i fizičkih osoba koje se bave djelatnošću izvoza neopasnog otpada (NN 51/06)
 Pravilnik o mjerilima, postupku i načinu određivanja iznosa naknade vlasnicima nekretnina i jedinicama lokalne samouprave (NN 59/06)
 Pravilnik o gospodarenju otpadom (NN 23/07; NN 111/07)
 Pravilnik o načinima i uvjetima termičke obrade otpada (NN 45/07)
 Pravilnik o načinima i uvjetima odlaganja otpada, kategorijama i uvjetima rada za odlagalište otpada (NN 117/07)

Posebne kategorije otpada

Pravilnik o ambalaži i ambalažnom otpadu (NN 97/05; NN 115/05)
 Odluka o uvjetima označavanja ambalaže (NN 155/05; NN 24/06; NN 28/06)
 Odluka o nacionalnim ciljevima udjela povratne ambalaže u 2008. godini (NN 82/07)
 Pravilnik o gospodarenju otpadnim gumama (NN 40/06)
 Odluka o dopuštenoj količini otpadnih guma koje se može koristiti u energetske svrhe u 2007. godini (NN 36/07)
 Pravilnik o gospodarenju otpadnim uljima (NN 124/06)
 Pravilnik o gospodarenju otpadnim baterijama i akumulatorima (NN 133/06)
 Pravilnik o gospodarenju otpadnim vozilima (NN 136/06)
 Pravilnik o načinu i postupcima gospodarenja otpadom koji sadrži azbest (NN 42/07)
 Pravilnik o gospodarenju medicinskim otpadom (NN 72/07)
 Pravilnik o gospodarenju otpadnim električnim i elektroničkim uređajima i opremom (NN 74/07)
 Pravilnik o gospodarenju građevnim otpadom (NN 38/08)
 Pravilnik o gospodarenju muljem iz uređaja za pročišćavanje otpadnih voda kada se mulj koristi u poljoprivredi (NN 38/08)
 Pravilnik o gospodarenju otpadom iz proizvodnje titan-dioksida (NN 70/08)

Komunalno gospodarstvo

Zakon o komunalnom gospodarstvu (NN 26/03)

Prijevoz opasnih tvari

Zakon o prijevozu opasnih tvari (NN 97/93)
 Zakon o izmjenama i dopunama Zakona o prijevozu opasnih tvari (NN 181/03)
 Zakon o prijevozu opasnih tvari (NN 79/07)

vaste emission into the environment (air, soil and water) from single sources.

CROATIAN REGULATION ON WASTE ISSUES:

Waste Act (NN 178/04, NN 111/06, NN 60/08)
 Croatian National Strategy of Waste Management (NN 130/05)
 Plan for Waste Management in Croatia for the Period from 2007 to 2015 (NN 85/07)
 Regulation on Categories, Types and Classification of Waste with the Catalogue and the List of Hazardous Waste (NN [Official Gazette]50/05)
 Regulation on Supervision of Transboundary Movement of Waste (NN [Official Gazette]69/06, NN 17/07)
 Ordinance on Register of Legal and Natural Persons Carrying Out the Activity of Mediation in Organisation of Waste Recycling and/or Management and Legal and natural persons Carrying Out the Activity of Exporting the Non-hazardous Waste (NN [Official Gazette]51/06)
 Ordinance on Standards, Procedure and Means Of Defining Compensation for the Self/government Units and Real Estate Owners (NN [Official Gazette]59/06)
 Ordinance on Waste Management (NN [Official Gazette]23/07, NN 111/07)
 Ordinance on Terms and Conditions of Thermal Treatment of Waste (NN [Official Gazette]45/07)
 Ordinance on methods and conditions for waste disposal, categories and working conditions for disposal site (NN[Official Gazette] 117/07)

Special waste categories

Ordinance on Packaging and Packaging Waste (NN [Official Gazette] 97/05, NN 115/05)
 Decision on Conditions of Marking, Coding and Labelling of Packaging (NN [Official Gazette]155/05, NN 24/06, NN 28/06)
 Decision on National Goals for Returnable Packaging Share in 2008 (NN[Official Gazette] 82/07)
 Ordinance on Waste Tyres Management (NN [Official Gazette]40/06)
 Decision on the Allowed Quantity of Waste Tyres to Be Used for Energy Purposes in 2007 (NN 36/07)
 Ordinance on Used Oil Management (NN [Official Gazette]124/06)
 Ordinance on Waste Batteries and Accumulators Management (NN [Official Gazette]133/06)
 Ordinance on End-of-Life Vehicles Management (NN [Official Gazette]136/06)
 Ordinance on Asbestos-containing Waste Management methods and procedures (NN [Official Gazette]42/07)
 Ordinance on medical waste management (NN[Official Gazette] 72/07)
 Ordinance on management of electric and electronic machines and equipment management (NN[Official Gazette] 74/07)
 Ordinance on construction waste management (NN[Official Gazette] 38/08)
 Ordinance on management of waste sludge (used for agricultural purposes) from water treatment plant management of waste sludge (used for agricultural purposes) from water treatment plant (NN[Official Gazette] 38/08)
 Ordinance on Waste Management from the Production of Titan Dioxide (NN 70/08)

Otrovi

Zakon o otrovima (NN 27/99), izmjene Zakona (NN 37/99), izmjene Zakona (NN 55/99)
Zakon o kemikalijama (NN 150/05)

Ostalo

Zakon o rudarstvu (pročišćeni tekst) (NN 35/95)
Zakon o rudarstvu (pročišćeni tekst) (NN 190/03)
Uredba o uvjetima te načinu zbrinjavanja radioaktivnog otpada, iskorištenih zatvorenih radioaktivnih izvora i izvora ionizirajućeg zračenja koji se ne namjeravaju dalje koristiti (NN 44/08)

Zakon o potvrđivanju Baselske konvencije o nadzoru prekograničnog prometa opasnog otpada i njegovu odlaganju (NN MU 3/94)

Utility services

Utility services Act (NN [Official Gazette]26/03)

Transport of Hazardous Material

Transport of Hazardous Material Act (NN [Official Gazette]97/93)
Law on Amendments to Transport of Hazardous Material Act (NN [Official Gazette]181/03)
Transport of Hazardous Material Act (NN [Official Gazette]79/07)

Toxic Substances

Toxic Substances Act (NN [Official Gazette] 27/99), Toxic Substances Act Amendments (NN [Official Gazette] 37/99), Toxic Substances Act Amendments (NN [Official Gazette] 55/99)
Chemicals Act (NN [Official Gazette]150/05)

Other

Mining Law (final draft) (NN [Official Gazette]35/95)
Mining Law (final draft) (NN [Official Gazette]190/03)
Ordinance on conditions and methods of disposal of radioactive waste, used closed radioactive sources and sources of ionizing radiation that are no longer going to be used (NN [Official Gazette]44/08)

Law on acknowledging Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and Their Disposal [Official Gazette]3/94)





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