

## ANNEXES

### Annex 1: Evolution of industrial production and number of employees in industry between 1990-2001

|          |   | Industrial production |                        | Number of employees |                        |
|----------|---|-----------------------|------------------------|---------------------|------------------------|
|          |   | %                     | Billion \$             | %                   | Nr.                    |
|          |   | 2001/1990             | Difference (2001-1990) | 2001/1991           | Difference (2001-1990) |
|          | <b>Total industry, out of which:</b>  | 62%                   | -20,69                 | 49%                 | -1945                  |
| <b>1</b> | <b>Mining industry, out of which:</b>   | 40%                   | -2,91                  | 53%                 | -126                   |
| 1.1      | Coal mining and processing  | 81%                   | -0,10                  | 45%                 | -54                    |
| 1.2      | Oil and gas extraction  | 35%                   | -2,39                  | 86%                 | -10                    |
| 1.3      | Other mining activities (1)   | 34%                   | -0,42                  | 37%                 | -62                    |
| <b>2</b> | <b>Processing industry, out of which:</b>   | 57%                   | -19,80                 | 46%                 | -1862                  |
| 2.1      | Food and beverages  | 61%                   | -3,04                  | 62%                 | -99                    |
| 2.2      | Tobacco industry  | 195%                  | 0,26                   | 83%                 | -1                     |
| 2.3      | Textiles  | 22%                   | -2,41                  | 24%                 | -316                   |
| 2.4      | Textile, fur and leather wearing apparel  | 48%                   | -1,31                  | 112%                | 32                     |
| 2.5      | Leather goods and foot wear   | 47%                   | -0,53                  | 77%                 | -29                    |
| 2.6      | Wood processing (exclusive furniture)   | 95%                   | -0,04                  | 74%                 | -24                    |
| 2.7      | Pulp, paper and cardboard   | 53%                   | -0,31                  | 37%                 | -27                    |
| 2.8      | Printing houses, polygraphy and records reproduction on supports                      | 260%                  | 0,26                   | 85%                 | -4                     |
| 2.9      | Crude oil processing, coal coking and nuclear fuel treatment                          | 97%                   | -0,10                  | 64%                 | -12                    |
| 2.10     | Chemistry and synthetic and man made fibres   | 54%                   | -1,83                  | 38%                 | -114                   |
| 2.11     | Rubber and plastics processing  | 41%                   | -0,83                  | 37%                 | -54                    |
| 2.12     | Other non-metallic mineral products   | 57%                   | -0,83                  | 48%                 | -92                    |
| 2.13     | Metallurgy  | 96%                   | -0,19                  | 55%                 | -78                    |
| 2.14     | Metallic construction and metal products  | 37%                   | -1,39                  | 39%                 | -116                   |
| 2.15     | Machinery and equipment   | 24%                   | -3,82                  | 24%                 | -459                   |
| 2.16     | Computers and office means  | 31%                   | -0,17                  | 50%                 | -2                     |
| 2.17     | Electric machinery and appliances   | 47%                   | -0,71                  | 43%                 | -73                    |
| 2.18     | Radio, TV and communications equipment apparatus                                      | 44%                   | -0,24                  | 28%                 | -29                    |
| 2.19     | Medical, precision, optical, watchmaking instruments and apparatus                    | 25%                   | -0,46                  | 26%                 | -37                    |
| 2.20     | Means of road transport   | 43%                   | -1,13                  | 41%                 | -96                    |
| 2.21     | Other means of transport  | 51%                   | -0,61                  | 32%                 | -125                   |
| 2.22     | Furniture and other no classified activities  | 65%                   | -0,40                  | 49%                 | -105                   |
| 2.23     | Waste recovering  | 151%                  | 0,05                   | 80%                 | -2                     |
| <b>3</b> | <b>Electric and thermal energy, gas and water, out of which:</b>                      | 171%                  | 2,02                   | 134%                | 43                     |
| 3.1      | Electric and thermal energy, gas and hot water production, transport and distribution | 169%                  | 1,88                   | 131%                | 30                     |
| 3.2      | Management of water resources, water collection, treatment and distribution           | 209%                  | 0,14                   | 142%                | 13                     |

Source: Processed data from Yearly Statistic Handbook of Romania – 2002, CNS, Bucharest, 2003

**Annex 2: Evolution of exchange rate between 1985-2001**

| <b>Year</b> | <b>USD</b>   | <b>EURO*</b> |
|-------------|--------------|--------------|
| <b>1985</b> | <b>17,14</b> | <b>N.A.</b>  |
| 1986        | 16,15        | N.A.         |
| 1987        | 14,56        | N.A.         |
| 1988        | 14,28        | N.A.         |
| 1989        | 14,92        | N.A.         |
| 1990        | 21,56        | N.A.         |
| <b>1991</b> | <b>76,47</b> | <b>87,81</b> |
| 1992        | 307,95       | 400          |
| 1993        | 760,01       | 884,6        |
| 1994        | 1655,09      | 1967,14      |
| 1995        | 2033,28      | 2629,51      |
| 1996        | 3082,6       | 3862,9       |
| 1997        | 7167,94      | 8090,92      |
| 1998        | 8875,55      | 9989,25      |
| 1999        | 15332,93     | 16295,57     |
| 2000        | 21692,74     | 19 955,75    |
| 2001        | 29060,86     | 26 026,89    |

Source: Data from National Bank of Romania, 2003

\*) Until 2001, European currency was ECU

**Annex 3: Evolution of the production with high potential of industrial waste generation in Romania**

|                                     | UM            | 1989  | 1990  | 1991  | 1992  | 1993  | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001   | 2001/1989 |
|-------------------------------------|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-----------|
| <b>Mining</b>                       |               |       |       |       |       |       |       |       |       |       |       |       |       |        |           |
| Coal                                | thou. tons    | 66462 | 40847 | 35205 | 41238 | 42441 | 43260 | 43988 | 44774 | 36246 | 28105 | 24535 | 30924 | 34732  | 85%       |
| Iron ores                           | thou. tons    | 2482  | 2002  | 1461  | 1229  | 856   | 951   | 865   | 860   | 756   | 459   | 131   | 116   | 221    | 11%       |
| Lead in concentrates                | tons          | 39437 | 25074 | 16177 | 16697 | 16929 | 23838 | 23194 | 21356 | 19447 | 15128 | 17489 | 18750 | 31532  | 126%      |
| Zinc in concentrates                | tons          | 55451 | 36048 | 26322 | 25813 | 28017 | 35357 | 36737 | 32082 | 31737 | 25650 | 26536 | 27452 | 46622  | 129%      |
| Copper in concentrates              | tons          | 47755 | 31974 | 26423 | 24720 | 25250 | 26034 | 24520 | 24434 | 22638 | 19065 | 16455 | 16099 | 286903 | 897%      |
| Raw bauxite                         | thou. tons    | 345   | 247   | 200   | 175   | 186   | 184   | 175   | 175   | 127   | 162   | ...   | ...   | ...    | 0%        |
| <b>Manufacturing industry</b>       |               |       |       |       |       |       |       |       |       |       |       |       |       |        |           |
| Coke                                | thou. tons    | 5870  | 3942  | 2608  | 2902  | 2602  | 2884  | 3384  | 3153  | 3317  | 3094  | 1716  | 1613  | 1413   | 36%       |
| Crude oil processing                | thou. tons    | 30615 | 23664 | 15191 | 13299 | 13191 | 14744 | 15259 | 13426 | 12429 | 12520 | 9894  | 10532 | 10948  | 46%       |
| <b>Chemical industry</b>            |               |       |       |       |       |       |       |       |       |       |       |       |       |        |           |
| Sulphuric acid (equiv. monohidrate) | thou. tons    | 1687  | 1111  | 745   | 572   | 527   | 491   | 477   | 422   | 329   | 229   | 234   | 181   | 58     | 5%        |
| Synthesis ammonia                   | thou. tons    | 3337  | 2178  | 1375  | 1733  | 1620  | 1443  | 1809  | 1841  | 951   | 468   | 834   | 1255  | 1155   | 53%       |
| Chemical fertilizers                | thou. tons    | 2805  | 1744  | 1090  | 1398  | 1317  | 1163  | 1449  | 1464  | 850   | 451   | 763   | 1054  | 937    | 54%       |
| Basic macromolecular products       | thou. tons    | 640   | 474   | 350   | 272   | 256   | 304   | 331   | 322   | 339   | 320   | 299   | 331   | 360    | 76%       |
| Tires                               | Thou. pieces. | 6687  | 5143  | 4363  | 3247  | 3821  | 3240  | 3473  | 3739  | 3110  | 3002  | 2834  | 3226  | 3933   | 76%       |
| Plastic products                    | thou. pieces  | 215   | 263   | 170   | 99    | 96    | 88    | 114   | 116   | 89    | 77    | 75    | 93    | 107    | 41%       |
| <b>Metallurgy</b>                   |               |       |       |       |       |       |       |       |       |       |       |       |       |        |           |
| Raw pig iron                        | thou. tons    | 9052  | 6355  | 4525  | 3111  | 3189  | 3496  | 4203  | 4025  | 4556  | 4541  | 2969  | 3066  | 3243   | 51%       |
| Raw steel                           | thou. tons    | 14411 | 9761  | 7130  | 5376  | 5446  | 5800  | 6557  | 6083  | 6675  | 6336  | 4392  | 4672  | 4936   | 51%       |

Source: Processed data from Yearly Statistic Handbook of Romania – volumes 1990 -2002, CNS, Bucharest, 2003

#### Annex 4: Industrial waste generated in Central and East European countries

| Industrial sectors                   | BG (a)<br>2001 | Cz (a)<br>2001 | EE (a)<br>2000 | HU<br>2000 | LV (a)<br>2000 | LT (b)   | PL<br>2001 | Ro (a)<br>2000   | Sk (a)<br>2000 | Sl (a)<br>2001 |
|--------------------------------------|----------------|----------------|----------------|------------|----------------|----------|------------|------------------|----------------|----------------|
| <b>thousand tons</b>                 |                |                |                |            |                |          |            |                  |                |                |
| Total industrial waste, out of which | 87091          | 34078          | 10983 ©        | 9946       | 542            | 4002 (d) | 123810     | <b>44408</b>     | 9226           | 3026           |
| - mining                             | 68074          | 2386           |                | 2233 (e)   |                |          | 43 731     | <b>21214 (f)</b> | 478            | 196            |
| - manufacturing industry             | 3145           | 9758           |                | 2605 ©     | 422            |          | 57 746     | <b>12596</b>     | 6744           | 1493           |
| - energy production                  | 15754          | 9398           |                | 3612       | 8              |          | 18 823     | <b>4977</b>      | 1478           | 273            |
| - drinking water                     | 80             | 810            |                | 790        | <0.5           |          | 2547       | <b>606</b>       | 302            | 42             |
| - buildings                          | 7              | 7565           |                | 707 ©      | 7              |          | 134        | <b>3033</b>      | 223            | 1000           |
| - sludge from wastewater treatment   | 3              | 1167           |                |            | 8              |          | 217        | <b>1381</b>      |                | 9              |
| - other sectors                      | 28             | 2994 (g)       |                |            | 97             |          | 612 (h)    | <b>603</b>       |                | 12             |
| <b>in kg per capita</b>              |                |                |                |            |                |          |            |                  |                |                |
| Total industrial waste, out of which | 11003          | 3333           | 8017 (a)       | 974        | 230            | 1150 (b) | 3204       | <b>1979</b>      | 1711           | 1519           |
| - mining                             | 8601           | 233            |                | 219 ©      |                |          | 1132       | <b>946 (f)</b>   | 89             | 98             |
| - manufacturing industry             | 397            | 954            |                | 255 ©      | 179            |          | 1494       | <b>561</b>       | 1251           | 750            |
| - energy production                  | 1990           | 919            |                | 354        | 3              |          | 487        | <b>222</b>       | 274            | 137            |
| - drinking water                     | 10             | 79             |                | 77         | <0.5           |          | 66         | <b>27</b>        | 56             | 21             |
| - buildings                          | 1              | 740            |                | 69 ©       | 3              |          | 3          | <b>135</b>       | 41             | 502            |
| - sludge from wastewater treatment   | <0.5           | 114            |                |            | 3              |          | 6          | <b>62</b>        |                | 5              |
| - other sectors                      | 4              | 293 (e)        |                |            | 41             |          | 16 (f)     | <b>27</b>        |                | 6              |
| <b>in kg/1000 Euro GDP</b>           |                |                |                |            |                |          |            |                  |                |                |
| - mining                             | (i)            | 3536           |                | 25590 ©    |                |          | 14129      | <b>40417 (f)</b> | 2912           | 1176           |
| - manufacturing industry             | (i)            | 847            |                | 247 ©      | 454            |          | 1897       | <b>1635</b>      | 1731           | 318            |
| - energy production                  | (i)            | 5306           |                | 4652       | 52             |          | 5463       | <b>9741</b>      | 3479           | 746            |
| - buildings                          | (i)            | 4823           |                | 431 ©      | 27             |          | 16         | <b>2102</b>      | 358            | 1079           |

Source: *Hazardous and industrial waste management in accession countries.*, European Commission., Luxembourg: Office for Official Publications of the European Communities., 2003, 74 pp. - 21 x 29.7 cm., Theme 8: Environment and energy ISBN 92-894-6220-5

- (a) The total includes the hazardous waste.
- (b) The total excludes the hazardous waste.
- (c) Industrial waste are considered as a difference between the total generated waste and the municipal waste (industrial waste = total waste – municipal waste).
- (d) Data are reported as waste from "other sectors".
- (e) Data from companies with more than 10 employees.
- (f) Data cover the ISIC codes 90, 93 and other.
- (g) Data cover NACE codes 51, 55, 60, 64, 74, 85, 93;
- (h) The waste from excavations (Codes 01 01 from European Waste catalog) are not included.
- (i) Data on GDP per sectors was not available.

**Annex 5: List of the companies that collect, recover and/or recycle waste oils**

| County          | Legal entities that collects, recovers and/or eliminates waste oils |                                      | Phone         | Fax          | E-mail   | Contact person          |
|-----------------|---|--------------------------------------|---------------|--------------|--|-------------------------|
|                 | Name of the company   | Address                              |               |              |  |                         |
| ALBA            | SNP PETROM- Sucurs.PECO Alba  | Alba-Iulia,Str.Iuliu Maniu, nr.31    | 0258/811066   | 0258/811278  | <a href="mailto:barbu.e@petrom.ro">barbu.e@petrom.ro</a>             | Hategan Toma            |
| ARAD            | S.N.P. PETROM BUCUREȘTI S.A. SUCURSALA PECO ARAD                    | Arad, Str. Cometei Nr. 1             | 0257/ 276300  | 0257/ 276828 |  | ing. Alexandru Babeanu  |
| ARGES           | SNP Petrom SA - Suc. PECO Arges                                     | Pitesti, Str.I.C.Bratianu - 54       |               |              |  |                         |
|                 | SC SOTEM ROMANIA SRL  | Campulung, Str. Brasovului - 1       |               |              |  |                         |
| BACAU           | SNP PETROM_PECO Bacau   | str. Pictor Aman nr.94 D             | 0234/122463   | 0234/122253  |  | Carlan Marius           |
| BIHOR           | *   | Calea Clujului nr.203 si 170,Oradea  | 0259/414721   | 0259/415992  |  | dir.PopValeria          |
|                 | RA Transport Local ORADEA   | Str.Atelierelor nr. 12 Oradea        | 0259/123212   | 0259/426010  |  | sing Marc Nicolae       |
| BISTRITA NASAUD | SNP PETROM SA Sucursala PECO Bistrita                               | Bistrita, str. Ghe. Sincai, nr. 2    |               |              |  |                         |
| BOTOSANI        | Sucursala PECO-Botosani   | str. Manolesti Deal f.n.             | 0231/517325   | 0231/531378  | peco <a href="mailto:botosani@petrom.ro">botosani@petrom.ro</a>      | Vizitiu Petronela       |
| BRASOV          | LAFARGE -ROMCIM SA HOGHIZ   | Str.Padurii 1                        | 0268/475788   | 0268/475795  | Nu   | Buciumean               |
|                 | SNP PETROM  | Str.Harmanului 15 B                  | 0268/126140   | 0268/316535  | Nu   | Balanuca                |
| BRAILA          | SC PECO   | Sos. Buzaului nr. 13                 | 0239/613926   | 0239/615856  |  | V.Roscan, Ionescu Irina |
| BUCURESTI       | SC 2 M INC SRL  | Dumitru Nicolae 2B, sect.3           | 021/255.01.54 |              |  | D-I Silvestru, Director |
|                 | SNP PETROM SA   | Sos.Straulesti 5-7, sect.1           | 021/230.60.74 |              |  | D-na Opris Arianda      |
| BUZAU           | SC RAFINARIA VENUS OILREG SA  | Rm. Sărat,str. Costieni, nr. 106     | 0238 / 564915 | 0238/ 563592 | -  | Voicu Gina              |
|                 | SNP PETROM SA SUC. PECO BUZAU                                       | Buzau, str. Bistritei, nr. 3         | 0238 / 717609 | 0238 /710503 | -  | Verga Georgeta          |
| CARAS SEVERIN   | S.N.P. PETROM S.A. Sucursala CS                                     | Resita Str. Timisorii 19             |               |              |  |                         |
| CALARASI        |   |                                      | 0242/315571   |              |  | Sing.Silvia Petu        |
| CLUJ            | SOCIETATEA NATIONALA A PETROLULUI PETROM S.A. - SUCURSALA PECO CLUJ | Cluj-Napoca, str. Dorobantilor nr. 3 | 0264-431022   | 0264-190389  | <a href="mailto:peco.cluj@petrom.ro">peco.cluj@petrom.ro</a>         | Cristina Prigon         |
| CONSTANTA       | S.C. PECO S.A.  | Str. M. Eminescu nr. 9               | 0241/618596   | 0241/619461  | <a href="mailto:m.fulea@petrom.ro">m.fulea@petrom.ro</a>             | Paui Florica            |
| COVASNA         | SNP PETROM SA-Suc.PECO Covasna                                      | Sectie Tg.Secuiesc,str.Garii,91      | 0267/324245   | 0267/314715  | <a href="mailto:pecov@cosys.ro">pecov@cosys.ro</a>                   |                         |
|                 | SC ARIADNE SRL- Sf.Gheorghe   | str.Lt.Paius David, nr.12/A          |               |              |  |                         |
| DAMBOVITA       | Statia PECO nr.1 Razvad   | Razvad                               | 0245/614731   | 0245/611533  | <a href="mailto:m.manea@petrom.ro">m.manea@petrom.ro</a>             |                         |
| DOLJ            | SNP PETROM SA.-Suc. Peco Craiova                                    | Cva,strada Savinesti, nr.3           | 0251/413404   | 0251/412183  |  | DI.Patrana              |
| GALATI          | SNP PETROM SA -Suc PECO Galati                                      | Galati, str. Calea Basarabiei nr.62  | 0236/417678   | 0236/418719  | <a href="mailto:ioana.pricope@petrom.ro">ioana.pricope@petrom.ro</a> | Radan Petrisor          |

| County    | Legal entities that collects, recovers and/or eliminates waste oils |                                     | Phone        | Fax         | E-mail   | Contact person       |
|-----------|---|-------------------------------------|--------------|-------------|--|----------------------|
|           | Name of the company   | Address                             |              |             |  |                      |
|           | CN APDM SA - complex DEPOL  | Galati, str. Portului nr.34         | 0236/460660  | 0236/460140 | <a href="mailto:apdm@apdm.galati.ro">apdm@apdm.galati.ro</a> | Bejenaru Doru        |
| GIURGIU   | SC IMPEX CANGUR 92 SRL  | Giurgiu                             | 0246/210609  | 0246/210621 |  | Paun Petre           |
|           | SC DANA V SRL   | Giurgiu                             | 0246/215007  |             |  | Vochin Marin         |
|           | SC LUCMAR SRL   | Giurgiu, str. Negru Voda, nr.73B    | 0246/230620  | 0246/230620 |  | Logofatu Maria       |
|           | SC EUROCAR SERVICE SA   | Giurgiu, sos. Bucuresti, km.60      | 0246/210371  |             |  | Stanisteanu Norut    |
|           | SC CONSIG SA  | Giurgiu, str. Libertatii, nr. 9     | 0246/216704  |             |  | Raducu Gheorghe      |
|           | SC SKANDIA BRITT SRL  | Bolintin Deal                       |              |             |  |                      |
| GORJ      | SNP PETROM-SUC PECO GORJ  | B-dul Ecat Teodoroiu 518            | 0253/219430  | 0253/215909 |  | ing Petrache Irina   |
| HARGHITA  | Service-uri diferite  |                                     |              |             |  |                      |
|           | PECO Harghita   | M-Ciuc, Cosbuc 51                   |              |             |  |                      |
| HUNEDOARA | PETROM-Sucursala PECO Huned.  | Deva, Str.22 Decembrie Bl.11        |              |             |  |                      |
| IALOMITA  | SC Coral prodexim SRL   | Fierbinti                           | 0243/280919  |             |  | Silvestru Florian    |
|           | SC Petronius oil SRL  | Slobozia, Variantei 31              | 0243/214702  |             |  | Rosca Nicolae        |
|           | SC Mobile service SRL   | Fetesti, Calarasi-Horticons         | 0243/364574  |             |  | Burcea Constantin    |
|           | SNP Petrom SA Slobozia  | Slobozia, Brailei                   |              |             |  |                      |
|           | SC Ciril com SRL  | Ion Roata, sat Malu                 | 0243/262059  |             |  | Cazacu Marinica      |
|           | SNP Petrom SA Slobozia PECO I                                       | Slobozia, st peco nr 1              | 0243/235800  |             |  | Dinu Milica          |
|           | SNP Petrom SA   | Tandarei, st peco                   | 0243/273551  |             |  | Culea George         |
|           | SNP Petrom SA depozit peco  | Slobozia, Brailei 17                |              |             |  |                      |
|           | SNP Petrom SA depozit peco  | Fetesti, Independentei 7            |              |             |  |                      |
| ILFOV     | SNP PETROM-SUC.Competrol Buc.                                       | com.Voluntari, sos.Afumati nr.93-95 | 021/2306074  | 021/2306109 | -  | Ariadna Opris        |
|           | SNP PETROM-SUC.Competrol Buc.                                       | Buftea, sos.Buc-Tirgoviste nr.96    |              |             |  |                      |
| MARAMURES | SNP PETROM SA BUCURESTI, SUCURSALA PECO MARAMURES                   | Baia Mare, bd. Bucuresti nr.55      | 0262/221005  | 0262/224078 |  | Zaharia Otilia       |
| MEHEDINTI | S.N.P. PETROM S.A   | Str.Dr.Saidac nr.45;Dep.Simian      | 0252/315330  | 0252/325134 |  | Mircea Elvira        |
| MURES     | SNPPETROM-SUC.PECO MURES  | Tg. Mureş P-ta Trandafir. nr13      | 0265-133428  | 0265-131723 | <a href="mailto:peco.mures@fx.ro">peco.mures@fx.ro</a>       | ing. Turcu Stefan    |
| NEAMŢ     | SNP PETROM - SUC. PECO NEAMŢ  | P. Neamt, bd. Decebal, nr. 28       | 233215760    | 233211701   |  | ing.Rusanu Petronela |
| OLT       | SC MARCONF SA PIATRA OLT  | Piatra Olt                          |              |             |  |                      |
| PRAHOVA   | S.N.P. PETROM - Sucursala Prahova                                   | Ploieşti, str. Văleni nr.44 telefon | 0244- 124751 | 0244-517676 |  | Marin Elena          |
| SATU MARE | SNP Petrom SA, Sucursala Preco Satu Mare                            | Str. A.I. Cuza, nr.16, Satu Mare    | 261750411    | 261750470   |  | Weisenbacher Cecilia |

| County                   | Legal entities that collects, recovers and/or eliminates waste oils |  | Phone       | Fax         | E-mail   | Contact person                    |
|--------------------------|---|--|-------------|-------------|--|-----------------------------------|
|                          | Name of the company   | Address  |             |             |  |                                   |
| SALAJ                    | SC CIMPS SA Zalău   | M.Viteazul, nr.63                              | 260611393   | 260611280   | -  | Spin Dumitru                      |
|                          | SNP Petrom SA-Sucursala PECO Sălaj                                  | Zalău, str.Depozitelor,nr.4                    | 260661084   | 260661572   | -  | Damian Maria                      |
| SIBIU                    | SNP PETROM SA -SUC. PECO SIBIU                                      | Sibiu, Otelarilor 67                           | 0269/238595 | 0269/237432 | <a href="mailto:peco.sibiu@petrom.ro">peco.sibiu@petrom.ro</a> | Angela Pantea                     |
| SUCEAVA                  | SNP PETROM SA-SucPECO Suceava                                       | str. Bazelor nr.1                              | 0230/517231 | 0230/517235 |  |                                   |
| TELEORMAN                | SNP PETROM Buc. Sucursala PECO Tr                                   | Poroschia                                      | 0247-318659 | 0247-318638 |  | ing.Rusanu Monica                 |
|                          | SC FIB SERV COM SRL ZIMNICEA  | Zimnicea, sos Alexandriei nr.5                 | 0247-366099 | 0247-366099 |  | ing. Boldisor Florin              |
| TIMIS                    | SN Petrom SA, Filiala PECO Timis                                    | Timisoara, bv Eroilor 32 A                     | 0256/198041 |             |  | Blajovan Lucia                    |
| TULCEA                   | SC STAR 2000 SRL Tulcea   | Str. Babadag, nr. 163, Tulcea                  | 531215      |             |  | Lungu Costica                     |
|                          | SC DONSCO SRL Tulcea  | Str.G. Corneliu, nr. 163, Tulcea               | 532415      | 532145      |  | Donscoi Traian                    |
|                          | SC BUSSACHE SRL Tulcea  | Str. Elizeului, nr. 49 A, Tulcea               | 514496      |             |  | Putanu Vasile                     |
|                          | SC THEO CILI SRL Constanta  | Com. Baia, jud. Tulcea                         | 744322979   |             |  | Hira Cili                         |
|                          | SC BEMOSA COM SRL Topolog   | Com. Topolog, jud. Tulcea                      | 568214      |             |  | Samata Nicolae                    |
|                          | SC HALCIU SRL Topolog   | Com. Topolog, jud. Tulcea                      | 723305892   |             |  | Halciu Stere                      |
|                          | SC ACASAM SRL Nalbant   | Com. Nalbant, jud. Tulcea                      | 723544382   |             |  | Masaca Stere                      |
|                          | SNP PETROM SA Tulcea  | Str. Combustibilului, nr. 2, Tulcea            | 534468      | 534481      |  | Gheorghe Viorel                   |
|                          | SC ROMPETROL SRL Constanta  | Str. Isacpei, nr. 78, Tulcea                   | 534023      |             |  | Burcea Nicolae                    |
| SC CONVENABIL SRL TULCEA | Str. Barajului, nr.6, Tulcea  | 514608   | 533552      |             | Mauna Gigi   |                                   |
| VASLUI                   | SNP PETROM SA Vaslui  | str. Metalurgiei, nr.5, Vaslui                 |             |             |  |                                   |
|                          | SC RULMENTI SA Barlad   | str. Republicii, nr.320, Barlad                |             |             |  |                                   |
| VALCEA                   | SC Petrom Sucursala Peco  | Str. Libertatii nr. 25                         | 739330      | 733067      | <a href="mailto:funaru.e@petrom.ro">funaru.e@petrom.ro</a>     | Insp. Danut Vasile                |
| VRANCEA                  | S.C. C.U.P. RA Focsani  | Focsani , str. Horea, Closca si Crisan nr. 1-3 | 0237/226400 | 0237/222402 |  | Gheorghe Vasilescu - Dir. General |
|                          | S.C. CISCOM S.R.L. Adjud  | Adjud , str. Stadionului 2                     | 722389608   |             |  | Vasile Bogdan-Administrator       |
|                          | SNP PETROM S.A. Vrancea   | Focsani , str. Barsei nr. 10                   | 0237/221000 | 0237/235070 |  | Crudu Floricica - Resp. mediu     |

Source: Data from SNGD., ICIM 2003

**Annex 6: List of the companies that collect, recover and/or recycle lead accumulators**

| County             | Legal entities that collects, recovers and/or eliminates waste oils |                                      | Phone        | Fax          | E-mail   | Contact person      |
|--------------------|---|--------------------------------------|--------------|--------------|--|---------------------|
|                    | Name of the company   | Address                              |              |              |  |                     |
| ALBA               | SC REMAT ALBA Fil. Alba-Iulia                                       | Str. Bucuresti, nr.88                | 0258/813292  | 0258/813292  |  | Pacurar Adriana     |
|                    | SC REMAT ALBA Fil. Aiud   | Str. Tribun Tudoran, nr 13           | 0258/813292  | 0258/813292  |  | Pacurar Adriana     |
|                    | SC REMAT ALBA Fil. Blaj   | Str. Ghe.Baritiu, nr.30              | 0258/813292  | 0258/813292  |  | Pacurar Adriana     |
|                    | SC REMAT ALBA Fil. Ocna-Mures                                       | Str. Fabricii, nr.6A                 | 0258/813292  | 0258/813292  |  | Pacurar Adriana     |
|                    | SC REMAT CAMPENI - Campeni  | Str. Garii, nr.2                     | 0258/771314  | 0258/771314  |  | Danciu Maria        |
|                    | SC REMAT CAMPENI Fil. Sebes   | Str. Depozitelor, FN                 | 0258/731208  | 0258/731208  |  | Salonti Rodica      |
|                    | SC METEOR STAR SRL Alba-Iulia                                       | Str. George Cosbuc, nr.28            | 0258/811564  | 0258/811564  |  | Todor Aurel         |
|                    | SC VALEA SERMAGULUI SA  | Loc.Sebesel-Sasciori, nr.284         | 0258/731109  | 0258/731109  |  | Tirlea Vasile       |
|                    | SC CLAMISO SRL Alba-Iulia   | Str. Iasilor, nr.18                  | 0258/814604  | 0258/814604  |  | Canatuli Sorin      |
|                    | SC DARCLEE SRL Blaj   | Str. Avram Iancu, nr.4               | 0258/710811  | 0258/710811  |  | Moldovan Florin     |
| ARAD               | REMAT SA Arad   | Str. Bodrogului Nr. 18               | 0257/ 281760 | 0257/ 281761 |  | Rafila Ioan         |
| ARGES              | SC REMAT Arges SA   | Pitesti, Str. Depozitelor -55        | 0248/282033  |              |  | Matei Florea        |
|                    | SC PROREMAT SA  | Pitesti, Str. Negru Voda - 2         | 0248/270523  |              |  | Florea Marilena     |
|                    | SNP Petrom SA - Suc. PECO Arges                                     | Pitesti, Str. I.C.Bratianu - 54      | 0248/223116  |              |  | Vasilescu Angela    |
| BACAU              | SC REMAT SA Bacau   | Bacau,str. Izvoare nr. 107           | 0234/184718  | 0234/184698  |  | Ion Mocanu          |
|                    | SC SOMA SRL Bacau   | Bacau,str. Tolstoi nr. 6             | 0234/517231  | 0234/514800  |  | Emilia Bulai        |
|                    | SC REMAT SA Iasi_punct lucru. Bacau                                 | Bacau,str. Nordului nr.20            | 0234/174047  | 0234/186789  |  | Maria Busuioc       |
|                    | SC IRICAD SRL Galati-puncte Bacau                                   | Galati,str. Drumul de Centura nr.16  | 0234/451039  | 0234/319380  |  | Irimia Mihai        |
| BIHOR              | SC FADO TRADE SRL ORADEA  | str.STEFAN ZWEIGNr.Oradea            | 059/133030   | 133030       | <a href="mailto:fado@rdsor.ro">fado@rdsor.ro</a> | dir.dl.Begher       |
|                    | SC REMAT BIHOR SA   | Str.Gutemberg nr. Oradea             | 059/413031   | 415730       |  | dir.dl.Costin       |
|                    | SC REMAT ALESD SA   | str,Bobalna.nr 77 Alesd              | 059/342067   |              |  | dir.Gheorghias Ghe. |
|                    | SC REMAT SALAJ SA   | strada Republicii f.n.Marghita       |              |              |  |                     |
|                    | S.C. AMUR SYSTEM COM S.R.L.   | Str. Rectorului nr. 4, Oradea        | 059/417130   | 478867       |  | dir.Zanc            |
|                    | S.C. PRODLADOR S.R.L. Marghita                                      | Str. Garii nr. 2 Marghita            |              |              |  |                     |
| BISTRITA<br>NASAUD | SC ROMBAT SA  | Bistrita, str. Drumul Cetatii, nr. 6 |              |              |  |                     |

| County        | Legal entities that collects, recovers and/or eliminates waste oils |  | Phone        | Fax          | E-mail | Contact person                  |
|---------------|---|--|--------------|--------------|--------|---------------------------------|
|               | Name of the company   | Address                                |              |              |        |                                 |
| NASAUD        | SC REDIVIVUS PRODCOM SRL  | Bistrita, str. Ion Caianu, nr. 4       |              |              |        |                                 |
|               | SC REMAT SA   | Bistrita, str. Drumul Cetatii, nr. 1/A |              |              |        |                                 |
| BOTOSANI      | SC REMAT SA-Botosani  | str.Manolesti Deal nr. 3A              | 0231/514846  | 0231/514846  |        | Aparaschivei Stelian            |
|               | SC REMAT SA-Iasi-Dep.Botosani                                       | str.Manolesti Deal nr.1                | 0231/536878  |              |        | Alexandru Constantin            |
|               | SC GOLDANA SRL-Botosani   | str.Petru Rares nr.45                  | 0231/537794  |              |        | Apetroaie Constantin            |
|               | SC BELCARO SRL-Botosani   | str.Alexandru cel Bun nr.6             | 0231/514432  |              |        | Belcescu Mircea                 |
|               | SC LETONA SRL-Botosani  | str.Uzinei nr.5                        | 0231/511739  |              |        | Vasilian Gheorghe               |
| BRASOV        | SC.REMAT SA Brasov  | Str.Timisul Sec                        | 0268/331455  | 0268/331455  |        | Papacica Marcel                 |
|               | SC.RUSU RMV SRL Brasov  | Str.Jupiter 3                          | 0268/122612  | 0268/122612  |        | Rusu Valentin                   |
|               | SC.SILNEF SRL Brasov  | Str.C.Porumbescu 2                     | 0268/426138  | NU           |        | Strejut Silviu                  |
|               | SC.APE LIMPEZI SRL Brasov   | Str.DACIA 25                           | 0268/130478  | NU           |        | Andriuc Valentin                |
|               | SC.STE SO SAMAC SRL   | Str.Macului 41                         | 0268/336474  | NU           |        | Stoleru Stefan                  |
| BRAILA        | SC EAS  | Str. Grivita nr. 201                   | 0239/612642  |              |        | Andrei Adrian                   |
|               | SC REMAT  | Bd. Independentei nr. 74               | 0239/619516  | 0239/618893  |        | Stroe Viorel                    |
| BUCURESTI     | SC REMAT SUD SA   | Sos.Berceni-Fort 5, sect.4             | 334.53.89    | 334.52.94    |        | D-na Draghici                   |
|               | SC DOVA COM SRL   | Bd Chisinau nr. 77 sect 2, bl a 13     | 256.18.28    |              |        | Avramoiu Virgil, Director Exec. |
|               | SC STAB BATERII SRL   | Bd. Basarabiei nr. 250,sect 3          | 255.32.61    |              |        | Stancu Nicolae, Director        |
| BUZAU         | SC REMAT SA BUZAU   | Str. Transilvaniei, nr. 429            |              |              |        |                                 |
|               | SC SCORPION EXIM SRL BUZAU  | Buzau, str. Traian Vuia, nr. 39        |              |              |        |                                 |
|               | SC MSD COM SRL BUZAU  | Buzau,str.Transilvaniei,nr.425bis      |              |              |        |                                 |
| CARAS SEVERIN | SC TEHNODINAMIC SRL   | Caransebeş St Şesul Roşu 17            |              |              |        |                                 |
|               | SC REMAT SA   | Reşiţa Str Timişorii 16                |              |              |        |                                 |
|               | SC DOLY COM SRL   | Bocşa Str Republicii 183               |              |              |        |                                 |
| CALARASI      | SC REMAT SA   | Varianta Nord nr.1                     | 0242/331-821 | 0242/331-861 |        | Sing.Ion Gabreanu               |
|               | SC OMAR LOD SRL   | Prel.Bucuresti Bloc C3 Sc5 Ap.11       | 0242/314-125 |              |        | Sing. Ion Olarasu               |

| County    | Legal entities that collects, recovers and/or eliminates waste oils |  | Phone              | Fax          | E-mail   | Contact person    |
|-----------|---|--|--------------------|--------------|--|-------------------|
|           | Name of the company   | Address  |                    |              |  |                   |
|           | SC ECOM IMPEX SRL   | Varianta Nord nr. 3                            | 0242/314-800       | 0242/314-800 |  | Emilia Chetrone   |
|           | SC TONEANU LUMY   | Calarasilor Bloc A7 , Ap.5                     | 0242/337-702       |              |  | Ion Toneanu       |
|           | CE CETINA SRL   | Belsugului nr. 12                              | 0242/316-850       |              |  | Vasile Dumitru    |
|           | SC SOIMII IMPEX SRL   | Str.Navodari Bloc 19, Sc. C, Ap.3              | 0242/314-624       |              |  | Ion Soimaru       |
|           | SC REFORMATEX SRL   | Cluj-Napoca, str.Nadasel nr.4-A                | 0264-433323        | 0264-433315  |  | Toderas Rodica    |
| CLUJ      | SC CHIMSZED SRL   | Cluj-Napoca, str.Donath nr.186/12              | 0264-420172        | 0264-420172  |  | Szekely Jozsef    |
|           | SC DURACOM SRL  | Cluj-Napoca, str.Calea Floresti nr.117         | 0264-162038        | 0264-162038  |  | Marginean Dorel   |
|           | SC REMAT SA CLUJ  | Cluj-Napoca, str.Burebista nr.8                | 0264-134087        | 0264-432916  |  | Anca Monica       |
|           | S.C. REMAT S.A.   | Str. Interioara nr.2 Halta Traian, Constanta   | 0241/622410        | 0241/623220  | -  | Manea Daniela     |
| CONSTANTA | S.C. TOBIAS S.R.L.  | Str. Garii, Com. Nicolae Balcescu, Constanta   | 0241/257009        | 0241/546654  | -  | Zamfir Ion        |
|           | S.C. VMB LUX SONOR S.R.L.   | Str. Unirii nr.63, Bl.G7,Sc.A, Ap.3, Constanta | 0241/546949        | 0241/542962  | vmbluxsonor @ hotmail.com.   | Malciu Constantin |
|           | S.C. COMAT S.A.   | Str. Interioara nr. 3, Constanta               | 0241/621033;622148 | 0241/639579  | marketing @ comat.cta.ro   | Culcearu Larisa   |
|           | S.C. MARCO CHIM S.R.L.  | Str. Panselei nr.10, Bl.C1, Constanta          | 0241/519036        | 0241/519036  | -  | Stamate Marius    |
|           | SC ARIADNE SRL- Sf.Gheorghe   | str.Lt.Paius David, nr.12/A                    | 0267/314986        | 0267/314986  | <a href="mailto:ariadne_impex@hotmail.com">ariadne_impex@hotmail.com</a> | ing. Pozna David  |
| COVASNA   | SC REMAT COVASNA SA-Sf.Ghe.   | str.Constructorilor, nr.13                     | 0267/317156        | 0267/317156  | <a href="mailto:rematcv@yahoo.com">rematcv@yahoo.com</a>                 | ing. Trif Ioan    |
|           | SC IAN COMSERV SRL-Sf.Gheorghe                                      | str.Campului, nr.1                             | 0267/352771        |              |  | Madar Emeric      |
|           | S.C.Remat S.A.D-ta  | Laminorului-10 Targoviste                      | 0245/632967        | 0245/632967  | _  | Spanu Pojor       |
| DAMBOVITA | S.C.Nelson S.R.L.Targoviste   | str.Magrini-1A Targoviste                      | 0245/213786        | 0245/213786  | _  | Ghita Ion         |
|           | SC.REMAT SA.CRAIOVA   | Strada Industriei, nr.7,Cva                    | 0251/185336        | 0251/185336  |  | DI.Mitroi Ctin    |
| DOLJ      | SC.3R SA.CRAIOVA  | Strada Rozelor, nr.68,Cva                      | 0251/152747        | 251152747    |  | DI.Cazacu Dtru    |
|           | SC.OLTMETAL SA.CRAIOVA  | Strada Calea Bucuresti, nr.191                 | 0251/436101        | 0251/436101  |  | DI.Petrut Ion     |
|           | SC.ADIDRAD COM SRL CRAIOVA  | Str.Prelungirea Severinului,176                | 0251/186413        | 0251/186413  |  | DI.Dragomir Ctin  |

| County    | Legal entities that collects, recovers and/or eliminates waste oils |                                       | Phone       | Fax         | E-mail   | Contact person     |
|-----------|---|---------------------------------------|-------------|-------------|--|--------------------|
|           | Name of the company   | Address                               |             |             |  |                    |
| GALATI    | SC REMAT SA   | Galati, str. Calea Prutului 53        | 0236/460750 | 0236/460504 | nu are   | Ouatu Constanta    |
|           | SC IRICAD SRL   | Galati, str. Drumul de Centura nr. 16 | 0236/319380 | 0236/415039 | <a href="mailto:irimia@yahoo.com">irimia@yahoo.com</a> | Irimia Mihai       |
|           | SC TASTROM 2 SRL  | Galati, str. Regiment 11 Siret        | 0236/319405 | 0236/411362 | <a href="mailto:tastrom@xnet.ro">tastrom@xnet.ro</a>   | Lefter Sorin       |
|           | SC TANGO-SCRAPS RECYLING SRL  | Galati, str. Stelei 44                | 0236/312061 | 0236/312061 | nu are   | Pruteanu Sorin     |
| GIURGIU   | SC REMAT SA   | Giurgiu, sos. Bucuresti, km.5         | 0246/210010 | 0246/210010 | -  | Nitu Laurentiu     |
|           | SC CRETULESCU SRL   | Giurgiu, str. Puisor, bl.511, ap.16   | 0246/210123 | 0246/210123 |  | Cretulescu         |
| GORJ      | SC REMAT SA TG-JIU  | Str 23 August nr.113                  | 0253/246386 | 0253/210679 |  | ing Corobea Victor |
|           | SC UVA ROVINARI   | Rovinari str Principala nr 97         | 0253/372396 | 0253/372396 |  | Ing Cucu Maria     |
|           | SC OLIZIN srl TG-JIU  | Str Calea Bucuresti nr 168            | 0744/302167 |             |  | Stanescu Maria     |
|           | SUC PECO GORJ   | TG-JIU str VICTORIEI 5-7 Mezanin      | 0253/219430 | 0253/215909 |  | ing Petrache Irina |
|           | SC METALCOLECT srl TG-JIU   | B-dul Rep0ublicii bl.20 ap.1          | 0253/206025 | 0253/206025 |  | Ing Puiu Mihai     |
| HARGHITA  | SC REMAT HARGHITA SA  | M-Ciuc, Bailor 77                     |             |             |  |                    |
| HUNEDOARA | SC REC PROD IMPEX SRL DEVA  | Deva, str. Zarandului, nr.2           |             |             |  |                    |
|           | SC DRECHER CICU SNC   | Santamaria Orlea, nr.50               |             |             |  |                    |
|           | SC ARDIS METAL SRL DEVA   | Deva, str. Aurel Vlaicu, nr.44        |             |             |  |                    |
|           | SC REMAT SA DEVA  | Deva, str. Grivitei, nr.37            |             |             |  |                    |
| IALOMITA  | SC Emgi com SRL   | Alexeni                               |             |             |  |                    |
|           | SC Bibicu prod SRL  | Fetesti, Romilor 6                    |             |             |  |                    |
|           | SC Alex lido SRL  | Tandarei, lunca 31                    |             |             |  |                    |
|           | AF Mihai Bratianu   | Fetesti, Teilor 10                    |             |             |  |                    |
|           | SC Natalia SRL  | Gh. Lazar                             |             |             |  |                    |
|           | SC Fluturas SRL   | Fetesti, Scolii 31                    |             |             |  |                    |
|           | SC Zmeurar SRL  | Fetesti, Eternitatii 9                |             |             |  |                    |
|           | SC Grinter SRL  | Fetesti, Teilor 10                    |             |             |  |                    |
|           | SC Remat SA Ialomita  | Slobozia, Amara 1                     |             |             |  |                    |

| County | Legal entities that collects, recovers and/or eliminates waste oils |  | Phone   | Fax     | E-mail   | Contact person              |
|--------|---|--|---------|---------|--|-----------------------------|
|        | Name of the company   | Address  |         |         |  |                             |
|        | SC Agricoserv SRL   | Tandarei,Bucuresti,bl 182 A                        |         |         |  |                             |
|        | SC Com auto sport SRL   | Tandarei,Bucuresti,bl 160                          |         |         |  |                             |
|        | SC Mecantu impex SRL  | Slobozia,M.Basarab MB20                            |         |         |  |                             |
|        | SC Convexim SRL   | Slobozia,M.Basarab MB20                            |         |         |  |                             |
|        | SC Miva SRL   | Slobozia,M.Basarab MB20                            |         |         |  |                             |
|        | SC Mixaj com SRL  | Slobozia,M.Basarab MB17                            |         |         |  |                             |
|        | SC Selena impex SRL   | Grivita  |         |         |  |                             |
|        | SC Luminita SRL   | Fetesti,Dropiilor 27                               |         |         |  |                             |
|        | SC Baxim SRL  | Cosereni   |         |         |  |                             |
|        | SC International Service SRL  | Slobozia,DN2A KM110                                |         |         |  |                             |
|        | SC Misu serv SRL  | Slobozia,Closca nr 3                               |         |         |  |                             |
|        | SC Rom mobil SRL  | Urziceni,cal.Bucuresti 11                          |         |         |  |                             |
| IAȘI   | REMAT SA Iași - SEDIU   | Iași, Str. Aurel Vlaicu nr. 88                     | 236278  | 236061  |  | director: Victor Mihăilescu |
|        | RECUPERARE SRL Pașcani  | Pașcani, str. Gării nr. 1,                         | 764598  |         |  | adm. Neculai Ionel          |
|        | PANEURO TRADING SRL București - Filiala Iași *)                     | Iași, șos. Păcurari nr. 85,                        | 259359  | 257997  |  | adm. Mihai Irimia           |
|        | SNP Petrom SA - SUCURSALA PECO Iași, Stația 13 Bucium *)            | Iași, str. Bucium nr. 17                           | 272165  |         |  |                             |
|        | MOLDOTRANS AUTO SA Iași *)  | Iași, str. Primăverii nr. 62                       | 221565  |         |  | Petronela Păun              |
|        | COMAT SA Iași*)   | Iași, str. Serg. Ioan Grigore nr. 7                | 241000  | 240699  | <a href="mailto:comatis@mail.dntis.ro">comatis@mail.dntis.ro</a> | resp. p.m. Ovidiu Iorga     |
|        | C.M.M. CYCLON Iași *)   |  |         |         |  |                             |
|        | SNP Petrom SA - SUCURSALA PECO Iași, Stația 13 Bucium *)            | Iași, str. Bucium nr. 17, telefon: 0232-272165     |         |         |  |                             |
|        | MOLDOTRANS AUTO SA Iași *)  | Iași, str. Primăverii nr. 62, telefon: 0232-221565 |         |         |  |                             |
| ILFOV  | SC ROMRECYCLING SRL   | pct.de lucruJilava,str.Sabarului 1                 | 4570263 | 4570269 | -  | Dana Popoiu                 |
|        | SC NEFERAL SA   | Bd.Biruintei 100, com.Pantelimon                   | 2552041 | 2552086 | -  | Dan Branzei                 |

| County   | Legal entities that collects, recovers and/or eliminates waste oils                            |  | Phone       | Fax         | E-mail   | Contact person         |
|--|--|--|-------------|-------------|--|------------------------|
|  | Name of the company  | Address                                  |             |             |  |                        |
|  | SC LEMATEC TRADE IMPEX   | sos.Alexandriei 77, com.Bragadiru        | 4932389     | 4932389     | -  | Doina Dumitrache       |
| MARAMURES  | SC CORESERV SRL  | BAIA MARE, str. 8 Martie nr.38           | 0262/211750 | 0262/211750 |  | Osan Victoria          |
|  | SC CORESERV SRL  | SIGHETU MARMATIEI, Statia CFR , Camara 5 |             |             |  |                        |
|  | SC RE-CONF-MET SRL   | BAIA MARE, str. Ariesului nr.19          | 0262/211844 |             |  | Ianki Gheorghe         |
|  | SC RE-CONF-MET SRL   | BAIA MARE, str. 8 Martie nr.4A           |             |             |  |                        |
|  | SC RE-CONF-MET SRL   | BAIA MARE, str. Gutinului nr.14          |             |             |  |                        |
|  | SC RE-CONF-MET SRL   | BAIA MARE, str. Electrolizei nr.3        |             |             |  |                        |
|  | SC RE-CONF-MET SRL   | SASAR, incinta rampa deseuri industriale |             |             |  |                        |
|  | SC RECOMAT SRL   | BAIA MARE, str. Postfundus nr.7          | 722321243   |             |  | Coza Alexandru         |
|  | SC METRAN SRL  | BAIA MARE, str. V. Lucaciu nr. 162       | 0262/211356 | 0262/211356 |  |                        |
|  | SC REMAT SRL MARAMURES   | BAIA MARE, bd. Bucuresti nr.51           | 0262/222661 | 0262/225960 |  | Nechita Florin         |
|  | SC REMAT SRL MARAMURES   | WISEU DE SUS, str. Garii nr. 10          |             |             |  |                        |
|  | SC REMAT SRL MARAMURES   | SIGHETU MARMATIEI, str.N.Titulescu nr.66 |             |             |  |                        |
|  | SC REMAT SRL MARAMURES   | BAIA MARE, str. Oborului nr.1            |             |             |  |                        |
|  | SC REVALCOM SRL  | BAIA MARE, str. Ariesului nr.19          | 0262/277692 | 0262/277692 |  | Barcs Vasile           |
|  | SC TENET SRL distribuitor en -gross 2610 buc. baterii recuperate si trimise la Rombat Bistrita | BAIA MARE, bd. Traian nr. 17             | 0262/223070 |             |  | Szekely Adrian         |
| SC SERAD SRL distribuitor en -gross, 1900 buc baterii recuperate si expediate la Rombat Bistrita | BAIA MARE, bd. Bucuresti nr.55   | 0262/221063                              | 0262/224618 |             | Sasarman M.  |                        |
| MEHEDINTI  | S.C. REMAT S.A.  | Str. Cernetiului nr. 14                  | 312.704     | 327.376     | -  | Motantau Elvira        |
| MURES  | SC REMAT SA  | Tg. Mureş str. Depozitelor 19            | 0265-165506 | 0265-166761 | <a href="mailto:remat@orizont.net">remat@orizont.net</a> | ing. Constantin Beluta |
|  | SC POLIGLOT COMIMPEX SRL   | Dîmbău str. Principală 107               | 0265-446473 | 0265-446473 |  | Miklos Levente         |
|  | SC RETA COM SRL  | Tg. Mureş str. Ghe. Doja 181/B           | 0265-253739 | 0265-253739 |  | Szasz Mihai            |
|  | SC MBO SRL   | Tg. Mureş E60 km 1                       | 0265-252526 | 0265-252526 | <a href="mailto:mbo@mbo.ro">mbo@mbo.ro</a>               | Muresan Lucia          |
|  | SC SIREF SRL   | Sighisoara str. Timavei 12/A             | 0265-772421 | 0265-772421 |  | Gherka Vicentiu        |

| County    | Legal entities that collects, recovers and/or eliminates waste oils |   | Phone       | Fax          | E-mail   | Contact person    |
|-----------|---|---|-------------|--------------|--|-------------------|
|           | Name of the company   | Address                                     |             |              |  |                   |
|           | SC ORMATIN MAT SRL  | Cristești str. Principală nr.32             | 0265-435154 | 0265-435154  |  | Orban Stefan      |
| NEAMȚ     | S.C. REMAT S.A. NEAMȚ   | P. Neamț, str.Dăscălescu,287                | 233212990   | 233216750    |  | ec. Panduru Tudor |
| OLT       | SC REMAT SA OLT   | Slatina,str.Depozitelor nr.13               |             |              |  |                   |
| PRAHOVA   | S.C. BLUE BIRD S.R.L. Ploiești                                      | Ploiești, str. M. Bravu nr. 29              | 0244-512035 |              |  | Oprea Daniel      |
|           | S.C. REMAT S.A. Ploiești  | Ploiești, str. Muzelor nr. 38               | 0244-123182 | 0244-112659  |  |                   |
|           | S.C. DASIROMI COM S.R.L. Ploiești                                   | Ploiești, str. Trandafirilor nr. 36         | 0244-196434 |              |  | Ionescu Victoria  |
|           | S.C. EFMETAL SERV S.R.L. Ploiești                                   | Ploiești, str. M Bravu nr. 169              |             |              |  | Neata Aurelia     |
|           | S.C. NIAGARA COM S.R.L Ploiești                                     | Ploiești str. Ștrandului nr. 20 0244-122405 | 0244-122405 | 0244-122405  | <a href="mailto:niagarapl2002@mmc.ro">niagarapl2002@mmc.ro</a> | Jacob Lucian      |
|           | S.C. CESA IMPEX S.R.L. Ploiești                                     | Ploiești str Poștei nr. 63                  | 0244-196136 | 0244- 510308 | cesa@ploiesti<br>astral.ro                                     | Voinescu Lucian   |
| SATU MARE | SC Rom-lus SRL Satu Mare  | str. Magnoliei, nr. 39/A, Satu Mare         | 744939221   |              |  | dl.Roman Gheorghe |
|           | SC Remat Sa Satu Mare   | str. Depozitelor, nr. 35, Satu Mare         | 261741400   | 261769465    |  | dl.Pop Remus      |
|           | SC Ferometal SRL Satu Mare  | str. Magnoliei, nr. 46, Satu Mare           | 261769080   |              |  | dl.Gava Vasile    |
| SALAJ     | SC PERFECTA PROD SRL  | CRISENI NR. 11                              | 260619402   | 0260/619402  | -  | Gavriș Daniela    |
|           | SC REMAT SALAJ SA   | ZALAU STR. MACIESILOR NR. 3                 | 0260/662025 | 0260/662027  | <a href="mailto:remat@netcompsj.ro">remat@netcompsj.ro</a>     | Ozsvath Kalman    |
| SIBIU     | SC REMAT SA SIBIU   | SIBIU, OTELARI 71                           | 0269/238118 | 0269/239711  |  | Mihai Roman       |
|           | SC REMAT SA MEDIAS  | MEDIAS, Garii 1                             | 0269/845410 |              |  | Laurentiu Vasile  |
|           | SC GELUK COM SRL  | SLIMNIC, CETATII 27                         | 0269/230208 | 0269/230208  |  | Tocaciu Ovidiu    |
|           | SC ROMPLASTICA ILIESCU SRL  | SIBIU, PRAGA 31                             | 0269/223707 | 0269/235747  |  | Iliescu Vasile    |
|           | SC DOREANA IMPEX SRL  | AVRIG, Garii 12                             | 0269/525200 | 0269/525200  |  | Chioaru Maria     |
|           | SC TUDOR AUTO SRL   | SIBIU, 9 MAI 46                             | 0269/216258 |              |  | Calcioiu Ana      |
|           | SC DENY SRL   | SIBIU, MACARALEI 19                         | 0269/213902 | 0269/213902  |  | Curechean Cornel  |

| County    | Legal entities that collects, recovers and/or eliminates waste oils |                                      | Phone       | Fax         | E-mail   | Contact person        |
|-----------|---|--------------------------------------|-------------|-------------|--|-----------------------|
|           | Name of the company   | Address                              |             |             |  |                       |
|           | SC NINA SRL   | SIBIU, BALEA 1A                      | 0269/212218 | 0269/218454 |  | Dubeu Marioara        |
|           | SC ROGVAIV SRL  | SIBIU, KIEV 15                       | 0269/218461 | 0269/218461 |  | Orasteanu Dumitru     |
|           | SC EMA SRL  | SIBIU, CARLOVA 26                    | 0269/226618 | 0269/220995 |  | Lomota Mircea         |
|           | SC PROMBAT SA   | COPSA MICA, OS. SIBIULUI 25          | 0269/847444 |             |  | Rosca Ion             |
|           | SC OMT METAL SRL GURA HUMOR   | str Gara Păltinoasa f.n.             | 0230/230587 | 0230/234155 |  | Onu Vasile, Macovei R |
| SUCEAVA   | SC ACUROM SRL SUCEAVA   | Aleea Jupiter nr.2B                  | 0722/345219 |             |  | Budeanu Romeo         |
|           | SCMARICOL SRL SUCEAVA   | Calea Unirii nr.35                   | 0722/627788 | 0230/514871 |  | Babalean Ghereorghe   |
|           | SC REBONA SRL SUCEAVA   | str. Gr. Al. Ghica nr.12             | 0230/525235 | 0230/525235 |  | Dăscălescu Petru      |
|           | SCCOREMAT IS FĂLTICENI  | str. Topitoriei f.n.                 | 0230/541020 | 0230/541020 |  | Sandu Robertino Ioan  |
|           | SC COMREMAT SRL VATRA DORNEI  | str. Luceafărului nr. 2              | 0230/371520 |             |  | Todașcă Porfirie      |
| TELEORMAN | SC IDEAL COM SRL  | Turnu Magurele, str. Calarasi        |             |             |  |                       |
|           | SC DAN CONSTRUCT SRL  | Alexandria, str. C. Brancoveanu      |             |             |  |                       |
|           | SC CRETULESCU SRL Giurgiu   | Zimnicea, str. M. cel. Batrin, nr. 3 |             |             |  |                       |
|           | SC CRETULESCU SRL Giurgiu   | Videle                               |             |             |  |                       |
|           | SNP PETROM Buc. sucursala PECO Tr                                   | Poroschia                            |             |             |  |                       |
| TIMIS     | SC Moticica Grup SRL  | Timisoara, cl Buziasului nr 6        |             |             |  |                       |
|           | SC Tudorache SRL Caransebes   | Timisoara, str Sulina nr 6           |             |             |  |                       |
|           | SC Erina Prest SRL  | Lugoj, str Bobalna nr 11             |             |             |  |                       |
|           | SC Steel Petrol SRL Oradea  | Tm. str Constructorilor nr 2         |             |             |  |                       |
|           | SC Guttenbrunn Recycling SRL  | Timisoara, cl Sagului km 7           |             |             |  |                       |
|           | SC Comat-Timis SA   | Tm. str I. I. de la Brad nr 15       |             |             |  |                       |
|           | SC Octali Chimprod SRL  | Timisoara, cl Buziasului nr 19       |             |             |  |                       |
| TULCEA    | SC REMAT SA TULCEA  | Str. Mahmudiei, nr. 12, Tulcea       | 0240/517888 | 0240/517888 |  | ing. Micu Chivuta     |
| VASLUI    | SC REMAT SA Vaslui  | str. Podul Inalt, nr. 9, Vaslui      | 0235/360309 | 0235/360309 | -  | Radu Iorgu            |
|           | SNP PETROM SA Vaslui  | str. Metalurgiei, nr. 5, Vaslui      | 0235/315290 | 0235/340273 | <a href="mailto:gabi.p@petrom.ro">gabi.p@petrom.ro</a> | ing. Codreanu Elena   |

| County  | Legal entities that collects, recovers and/or eliminates waste oils |                                     | Phone       | Fax         | E-mail   | Contact person                   |
|---------|---|-------------------------------------|-------------|-------------|--|----------------------------------|
|         | Name of the company   | Address                             |             |             |  |                                  |
|         | SC RULMENTI SA Barlad   | str. Republicii, nr.320,Barlad      | 0235/411120 | 0235/413838 | <a href="mailto:dpduirb@tag.starnet.ro">dpduirb@tag.starnet.ro</a> | ing.Ibanescu Marius              |
| VALCEA  | SC Remat Valcea SA  | str. Bujoreni nr. 52                | 0250/741442 | 0250/741290 | <a href="mailto:remat@onix.ro">remat@onix.ro</a>                   | Ing. Cazacu Elena                |
| VRANCEA | S.C. REMAT VRANCEA S.A.- pct. Focsani,Marasesti,Adjud               | Focsani , str. Milcov 38            | 0237/227126 | 0237/227126 | -  | Eufrosie Camelia - Dir. Economic |
|         | S.C. REMAT IASI S.A.- pct. Focsani                                  | Focsani , str. Antrepozite 1        | 0237/238736 |             |  | Racoviteanu Nicolae- sef depozit |
|         | S.C. REMAT IASI S.A.- pct. Marasesti                                | Marasesti , str. Doinei 2           | 0237/261796 | 0237/261796 |  | Iftenie Romelia - sef depozit    |
|         | S.C. MULTIM S.R.L. BARLAD- pct. Focsani                             | Focsani , str. Anghel Saligny 5 bis | 0744/615007 |             |  | Capraru Constantin - Sef depozit |
|         | S.C. ATLAS S.R.L. FOCSANI   | Focsani , str. Leon Kalustian 2     | 0744/275082 |             |  | Hangan Maria - Administrator     |

Source: Data from SNGD., ICIM 2003

**Annex 7: Correspondence between activities within the national economy (in accordance with CAEN from 26/11/2002) and types of waste from List of waste HG 856/2002**

| <b>Code CAEN</b> | <b>Name of activity</b>   | <b>Code LIST</b> | <b>Type of waste</b>  |
|------------------|---|------------------|---|
| A                | Agriculture, hunting and forestry   | 02.              | Wastes from agricultural, horticultural, hunting, fishing and aquaculture primary production, food preparation and processing<br><i>PARTIAL</i>                               |
| B                | Fishing and aquaculture   |                  |   |
| C                | Mining and quarrying industry   |                  |   |
| CA               | Mining industry for fuels   | 05.              | Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal  |
| CB               | Mining industry for non fuels materials   | 01.              | Wastes resulting from exploration, mining, dressing and further treatment of minerals and quarry  |
| D                | Manufacturing industry  |                  |   |
| DA               | Food, beverage and tobacco industry   | 02.              | Wastes from agricultural, horticultural, hunting, fishing and aquaculture primary production, food preparation and processing<br><i>PARTIAL</i>                               |
| DB               | Textile and leather goods industry  | 04.              | Wastes from wood processing and the production of paper, cardboard, pulp, panels and furniture  |
| DD               | Wood and wood products industry   | 03.              | Wastes from wood processing and the production of paper, cardboard, pulp, panels and furniture<br><i>PARTIAL</i>  |
| DE               | Pulp, paper and paper products, and printing manufacture                                    | 03.              | Wastes from wood processing and the production of paper, cardboard, pulp, panels and furniture<br><i>PARTIAL</i>  |
| DF               | Synthetic and artificial chemical substance and products manufacture                        | 06.              | Waste from inorganic chemical processes   |
|                  |   | 08.              | Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks<br><i>PARTIAL</i> |
| DG               | Chemical substance and products, and synthetic and artificial fibbers and yarns manufacture | 07.              | Waste from organic chemical processes   |
|                  |   | 08.              | Wastes from the manufacture, formulation, supply and use of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks<br><i>PARTIAL</i>        |
| DH               | Rubber and plastic goods manufacture  | 07.              | Waste from organic chemical processes   |
| DI               | Other products from non-metallic minerals   | 10.              | Inorganic wastes from thermal processes<br><i>PARTIAL</i>   |
| DJ               | Metals and metal products industry  |                  |   |
| DK               | Machinery and equipment industry  | 11.,12.,14.      |   |
| DL               | Electric and optical equipment industry   | 11., 12., 14.    |   |
| DM               | Means for transport industry  | 13.              | Oil wastes and liquid fuel waste (except edible oils, 05, 12 and 19)<br><i>PARTIAL</i>  |
| DN               | Other industrial activities   |                  |   |
| E                | Electric and thermal energy, gas and water  | 19.              | Wastes from waste treatment facilities, off-site waste water treatment plants and the water industry  |

| Code CAEN | Name of activity  | Code LIST        | Type of waste   |
|-----------|---|------------------|---|
|           |   |                  | PARTIAL   |
|           |   | 11.*             | Inorganic metal-containing wastes from metal treatment and the coating of metals, and non-ferrous hydrometallurgy PARTIAL                     |
|           |   | 12.*             | Wastes from shaping and surface treatment of metals and plastics PARTIAL  |
|           |   | 14.*             | Wastes from organic substances used as solvents (except 07 and 08)  |
|           |   | 15.<br>(15 02)   | Waste packaging; absorbents, wiping cloths, filter materials and protective clothing not otherwise specified PARTIAL                          |
| F         | Buildings   | 17.              | Construction and demolition wastes (including road construction)  |
| G         | <i>En detail and en gross</i> trading, car, motorcycle, personal and household goods repair | 13.              | Oil wastes and liquid fuel waste (except edible oils, 05, 12 and 19)  |
| H         | Hotels and restaurants  |                  |   |
| I         | Transport, storage and communications   |                  |   |
| J         | Financial transactions  |                  |   |
| K         | Real estate transactions, rental and services mainly for companies                          |                  |   |
| L         | Public administration ; social insurance from public system                                 |                  |   |
| M         | Education   |                  |   |
| N         | Health and social assistance  | 18.              | Wastes from human or animal health care and/or related research (except kitchen and restaurant wastes not arising from immediate health care) |
| O         | Other activities for collective social and personal services                                | 09.              | Wastes from the photographic industry   |
| P         | Activities of personnel in households   |                  |   |
| Q         | Activities of organizations and organisms   |                  |   |
|           |   | 15.**<br>(15 01) | Waste packaging; absorbents, wiping cloths, filter materials and protective clothing not otherwise specified PARTIAL                          |
|           |   | 16.              | Wastes not otherwise specified in the list  |
|           |   | 20.**            | Municipal wastes and similar commercial, industrial and institutional wastes including separately collected fractions                         |

\* Industrial waste categories which are generated by more types of industrial activities

\*\* Waste categories which are generated by all types of activities included in CAEN classification (Monitorul Oficial, Partea I nr. 908 din 13/12/2002)

Source: Institutul Național de Statistică, „CAEN REV.1, prezentare, interpretare, principii de utilizare”, Ed. ALL BECK, 2003 și Hotărârea de Guvern nr. 856 din 16 august 2002 privind evidența gestiunii deșeurilor și pentru aprobarea listei cuprinzând deșeurile, inclusiv deșeurile periculoase

**Annex 8: Production waste generation for different economic activities (2002)**

| Economic activity                                       | Waste quantity  |            |
|---|-----------------|------------|
|   | (million tones) | (%)        |
| Agriculture and animal breeding                         | 0,7             | 0,2        |
| Forestry  | 0,09            | 0,02       |
| Mining industry   | 344,5           | 92         |
| Food, beverage and tobacco industry                     | 1,2             | 0,3        |
| Textile and clothing industry                           | 0,3             | 0,08       |
| Leather goods and footwear industry                     | 0,01            | 0,002      |
| Wood processing industry                                | 0,8             | 0,2        |
| Pulp, paper and cardboard industry; printing            | 0,5             | 0,1        |
| Chemical and petrochemical industry                     | 1,1             | 0,3        |
| Rubber and plastics industry                            | 0,03            | 0,008      |
| Other non-metallic mineral products industry            | 0,9             | 0,2        |
| Metallurgical industry                                  | 4,8             | 1,3        |
| Metallic construction industry                          | 0,2             | 0,05       |
| Machinery and equipment                                 | 0,5             | 0,1        |
| Means of road transport industry                        | 0,4             | 0,09       |
| Other non-classified activities (furniture manufacture) | 0,5             | 0,1        |
| Waste recovery  | 0,02            | 0,05       |
| Electric energy   | 11,7            | 3,1        |
| Constructions   | 0,4             | 0,09       |
| Trade   | 0,2             | 0,05       |
| Transport and storage                                   | 0,8             | 0,2        |
| Other activities  | 0,07            | 0,02       |
| <b>TOTAL</b>  | <b>372,4</b>    | <b>100</b> |

Source: Study regarding waste management at county and national level for 2002, ICIM Bucharest, June 2003)

**Annex 9: Industrial waste final disposal sites in operation in 2002**

| <b>Type of landfill</b>                                   | <b>Number</b> | <b>Area (ha)</b> |
|---|---------------|------------------|
| Mining waste landfill                                     | 203           | 5409             |
| Slag and ash landfills                                    | 77            | 3102             |
| Dumps (final disposal sites for sludge and liquid wastes) | 121           | 530              |
| Settling ponds  | 68            | 1078             |
| Drying beds   | 55            | 50               |
| Simple industrial landfills                               | 107           | 129              |
| Underground final disposal sites                          | 45            | 2                |
| Not mentioned   | 11            | 47               |
| <b>TOTAL</b>  | <b>687</b>    | <b>10346</b>     |

Source: Study regarding waste management at county and national level for 2002, ICIM Bucharest, June 2003)

**Annex 10: Priority projects in the field of industrial waste management**

| <b>Project</b>  | <b>County</b> |
|---|---------------|
| Installation for dismantling electric condensers with high content of PCB   | Timiș         |
| Recycling plastic containers  | Buzău         |
| Integrated management system for dismantling used cars  | Timiș         |
| Technological line for recovering and recycling used tires  | Cluj          |
| Implementing environmental friendly technologies in SC Vrancart SA  | Vrancea       |
| System for used oil collection and recycling  | Cluj          |
| Installation for incinerating toxic and dangerous waste in the Region N-E   | Iași          |
| Incinerator for dangerous solid waste in SC Oltechim SA Rm. Vâlcea  | Vâlcea        |
| Cleaning up and neutralization of a storage facility for dangerous substances existing on the site of former company SC Rovadis SA Crângurile | Dâmbovița     |

Source: MAPAM – *Planul Național de Acțiune pentru Protecția Mediului*, Proiect PHARE 2000 – RO 0006.14.02, octombrie 2003)

**Annex 11: Legislation issued to complete the legal framework and implementation of IPPC directive**

1. **Order of the Minister of waters and environmental protection 890/2002** sets the IPPC Office within MWEP;
2. **Order of the Minister of waters and environmental protection 1144/2002** on setting up the Register on the pollutants released in the environment by the activities falling within the scope of the provisions of EGO 34/2002, approved by the Law no 645/2002;
3. **Order of the Minister of waters and environmental protection 860/2002** on the approval of the Procedure for the environmental impact assessment and granting the environmental license;
4. **Governmental Decision 918/2002** on the approval of the framework procedure for the Environmental Impact Assessment (EIA) and the list of public and private projects that need impact studies.
5. **Order of the Minister of waters and environmental protection 1440/2003** for the approval of the National Guidebook for carrying out the Pollutant Emission Register;
6. **Order of the Minister of waters and environmental protection 37/2003** for the approval of the Guidebook on the best available techniques for the cellulose and paper industry;
7. **Order of the Minister of agriculture, forests, waters and environment 566/2003** on the approval of the Reference Document on the best available techniques in the lime and cement industry. The Document was published on the MAFWE site: [www.mappm.ro](http://www.mappm.ro)
8. **Order of the Minister of agriculture, forests, waters and environment 818/2003** on the approval of the procedure for the issuing of the integrated environment permit.

**Annex 12: Industrial waste landfills under the provisions of the IPPC Directive**

| County          | Not under IPPC Directive | Under IPPC Directive         |                                  | Type of landfill |               |           |
|-----------------|--------------------------|------------------------------|----------------------------------|------------------|---------------|-----------|
|                 |                          | Requesting transition period | Not Requesting transition period | Inert            | Non-hazardous | Hazardous |
| Alba            | 2                        | 4                            | 1                                |                  | 7             |           |
| Arad            |                          | 1                            |                                  |                  | 1             |           |
| Argeş           | 2                        | 3                            | 1                                | 1                | 2             | 3         |
| Bacău           | 2                        | 5                            | 6                                |                  | 5             | 8         |
| Bihor           |                          | 8                            | 9                                |                  | 6             | 11        |
| Bistriţa Năsăud | 1                        | 1                            |                                  |                  | 1             | 1         |
| Botoşani        |                          |                              |                                  |                  |               |           |
| Brăila          |                          | 1                            |                                  |                  | 1             |           |
| Braşov          | 3                        | 1                            | 3                                |                  | 7             |           |
| Buzău           | 3                        | 1                            |                                  |                  | 1             | 3         |
| Calarasi        | 1                        |                              |                                  |                  | 1             |           |
| Caras Severin   | 4                        |                              | 1                                |                  | 5             |           |
| Cluj            | 4                        | 2                            |                                  | 1                | 4             | 1         |
| Constanta       | 5                        |                              | 4                                |                  | 4             | 5         |
| Covasna         | 2                        |                              |                                  |                  | 1             | 1         |
| Dâmboviţa       | 2                        |                              | 1                                |                  | 3             |           |
| Dolj            | 9                        |                              |                                  |                  | 8             | 1         |
| Galaţi          | 1                        | 2                            |                                  |                  | 2             | 1         |
| Giurgiu         |                          |                              | 1                                |                  | 1             |           |
| Gorj            | 1                        | 3                            | 2                                |                  | 6             |           |
| Harghita        | 1                        |                              |                                  |                  | 1             |           |
| Hunedoara       |                          | 5                            |                                  |                  | 5             |           |
| Iaşi            |                          | 2                            |                                  |                  | 2             |           |
| Ilfov           |                          |                              | 1                                |                  |               | 1         |
| Maramureş       |                          | 1                            |                                  |                  |               | 1         |
| Mureş           | 3                        | 4                            | 1                                |                  | 6             | 2         |
| Neamţ           | 1                        | 2                            |                                  |                  | 1             | 2         |
| Olt             |                          |                              | 6                                |                  | 5             | 1         |
| Prahova         |                          | 12                           |                                  |                  | 1             | 11        |
| Sălaj           | 2                        | 2                            | 1                                |                  | 4             | 1         |
| Satu Mare       | 1                        |                              |                                  |                  | 1             |           |
| Sibiu           | 2                        |                              | 1                                |                  |               | 3         |
| Suceava         | 2                        | 3                            |                                  |                  | 5             |           |
| Teleorman       | 3                        | 1                            |                                  |                  | 3             | 1         |
| Timiş           |                          | 1                            |                                  |                  | 1             |           |
| Tulcea          | 1                        |                              |                                  |                  | 1             |           |
| Vâlcea          |                          | 2                            | 1                                |                  | 2             | 1         |
| Vaslui          | 1                        |                              | 1                                |                  | 2             |           |
| Vrancea         | 2                        |                              |                                  |                  | 2             |           |
| Bucuresti       |                          |                              |                                  |                  |               |           |
| <b>TOTAL</b>    | <b>61</b>                | <b>67</b>                    | <b>41</b>                        | <b>2</b>         | <b>108</b>    | <b>59</b> |

Source: Support study for completion of Directive 1999/31/EC implementation plan with data concerning hazardous and inert industrial waste landfills, ICIM Bucharest, March 2004



**Annex 13: International classifications and definitions of radioactive waste**

| <b>Acronym</b>  | <b>Waste type</b>                              | <b>Waste properties</b>  |
|---|--|--|
| <b>International Atomic Energy Agency (IAEA), 1994</b>    |  |  |
| <b>EW</b>   | exempt waste                                   | <ul style="list-style-type: none"> <li>generated a yearly dose: &lt;0,01 mSv/person</li> <li>radionuclide level of activity: 0,1 – 10<sup>4</sup> Bq/g</li> </ul>  |
| <b>LILW</b>   | low and intermediate level waste               | <ul style="list-style-type: none"> <li>low activity level : &gt; 10<sup>4</sup> Bq/g</li> <li>radiant thermal energy: &lt;2kW/m<sup>3</sup></li> <li>low level: contact dose &lt;2mS/h (do not require cooling)</li> <li>intermediate level: contact dose &gt;2mS/h (do not require cooling or a very low cooling )</li> </ul>   |
| <b>LILW-SL</b>  | short lived                                    | <ul style="list-style-type: none"> <li>radionuclide emitting <math>\alpha</math> radiations with long life time : &lt;4000 Bq/g per waste component and &lt;400 Bq/g per total waste</li> <li>&gt;4000 Bq/g waste component and &lt;400 Bq/g per total waste</li> </ul>  |
| <b>LILW-LL</b>  | long lived                                     |  |
| <b>HLW</b>  | high level waste                               | <ul style="list-style-type: none"> <li>thermal radiant energy: &gt;2kW/m<sup>3</sup></li> <li>radionuclide emitting <math>\alpha</math> radiation with long life : &gt;4000 Bq/g total waste and &gt;400 Bq/g component (activity level 5x10<sup>4</sup>-5x10<sup>5</sup> TBq/m<sup>3</sup> corresponding to values of 2-20 kW/m<sup>3</sup> thermal radiant energy)</li> </ul>  |
| <b>Commission recommendations UE 1999/669/EC, Euratom</b> |  |  |
| <b>TRW</b>  | transition radioactive waste                   | <ul style="list-style-type: none"> <li>it will desegregate during storage period, not being classified as radioactive waste after this period</li> </ul>   |
| <b>LILW</b>   | low and intermediate level waste               | <ul style="list-style-type: none"> <li>radionuclide concentration is low generating low quantities of heat during storage, and its limitation depends on site conditions</li> </ul>  |
| <b>LILW-SL</b>  | low and intermediate level waste - short lived | <ul style="list-style-type: none"> <li>containing radionuclide with half life time less or equal with that of Cs137 and Sr90 (about 30 years) with concentration limitation for long life radionuclide generating <math>\alpha</math> radiation &lt;4000 Bq/g per waste component and &lt;400 Bq/g per total waste</li> <li>radionuclide with long half life emitting radiation that exceeds the limits for LILW-SL</li> </ul> |
| <b>LILW-LL</b>  | low and intermediate level waste - long lived  |  |
| <b>HLW</b>  | high level waste                               | <ul style="list-style-type: none"> <li>waste with high concentration of radionuclide that generate thermal energy during storage and final disposal</li> </ul>   |
| <b>Classification of radioactive waste in UK</b>          |  |  |
| <b>VLLW</b>   | very low level waste                           | <ul style="list-style-type: none"> <li>do not require special protection measures in accordance with the national legislation</li> </ul>   |
| <b>LLW</b>  | low level waste                                | <ul style="list-style-type: none"> <li>radioactivity do not exceed 4 GBq activity <math>\alpha</math>/tone or 12 GBq activity <math>\beta+\gamma</math>/tone</li> </ul>  |
| <b>ILW</b>  | intermediate level waste                       | <ul style="list-style-type: none"> <li>waste exceeding the level of radiation of LLW but not requiring cooling during storage</li> </ul>   |
| <b>HLW</b>  | high level waste                               | <ul style="list-style-type: none"> <li>generate heat and have to be cooled during storage,</li> </ul>  |

Source: International Atomic Energy Agency, Classification of Radioactive Waste, Safety Series No. 111-G-1.1, IAEA, Vienna (1994);

Commission Recommendation 1999/669/EC, Euratom;

[www.lancs.ac.uk/users/csec/isolus2/isolus4-05.htm](http://www.lancs.ac.uk/users/csec/isolus2/isolus4-05.htm).

**Annex 14: Quantities of radioactive waste generated and existing storage capacities in Romania**

| <b>Waste producer/ waste type</b>  | <b>Quantity/volume</b>   | <b>Activity</b>                                      |
|--|--|--|
| <b>Nuclear Power Station Cernavodă</b>   |  |  |
| • combustible waste of low level   | 22 m <sup>3</sup> /year  | 1,5x10 <sup>-2</sup> TBq/year                        |
| • non-combustible waste of low level   | 13 m <sup>3</sup> /year  | 5x10 <sup>-3</sup> TBq/year                          |
| • ion exchange resins  | 7 m <sup>3</sup> /year   | 15,5 TBq/year  |
| • filters  | 2 m <sup>3</sup> /year   | 1,85 TBq/year  |
| • others (organics)  | 3,5 m <sup>3</sup> /year   | 0,3 TBq/year   |
| <b>Nuclear Research Institute – Pitești</b>  |  |  |
| • liquids  | 600 m <sup>3</sup> /year   | <10 <sup>-3</sup> Ci*/m <sup>3</sup>                 |
| • solids   | 400 kg/year  | <10 <sup>-3</sup> Ci/m <sup>3</sup>                  |
| • ion exchange resins  | 1,5 m <sup>3</sup> /year   | 10 <sup>-3</sup> – 10 <sup>3</sup> Ci/m <sup>3</sup> |
| • liquids with natural uranium content   | 1200 m <sup>3</sup> /year  | <5 gU/l  |
| • solids with natural uranium content  | 1000 kg/year   | <5 kgU/m <sup>3</sup>                                |
| <b>Nuclear Physics and Engineering Institute „Horia Hulubei” - Măgurele</b>                          |  |  |
| • liquids with low activity (LLAW)   | up to 10 <sup>3</sup> m <sup>3</sup> /year   | <10 <sup>-3</sup> Ci/m <sup>3</sup>                  |
| • solids with low activity (LLS)   | up to 10 <sup>3</sup> m <sup>3</sup> /year   | <10 <sup>-3</sup> Ci/m <sup>3</sup>                  |
| • intermediary level (ILW)   | up to 70 shielded containers/year  | <200 mrem/h  |
| • used sources   | up to 400/year   | <10 <sup>4</sup> Ci                                  |
| • conditioned waste  | up to 200 containers   | <200 mrem/h  |
| • smoke detectors  | up to 10.000/year  | <10 <sup>-3</sup> Ci/m <sup>3</sup>                  |
| <b>DNDR, National Company of Uranium Băhța-Bihor</b>   |  |  |
| • final disposal of radioactive waste in containers/barrels  | Capacity up to 150000-200000 containers  |  |
| <b>Mining industry – uranium mines and ore processing (Banat, Bihor, Crucea, Tulgheș, Feldioara)</b> |  |  |
| • landfills and dumps for ore with a low concentration and ore from exploitation – more than 100     | Total storage volume<br>5,5 x 10 <sup>6</sup> m <sup>3</sup> (1,4 x 10 <sup>6</sup> m <sup>2</sup> ) |  |
| • liquid waste from ore processing   | 5000 m <sup>3</sup> /day<br>(Total storage volume<br>4,3 x 10 <sup>6</sup> m <sup>3</sup> )          |  |
| • contaminated soil  | Total 16,7 x 10 <sup>3</sup> t   |  |

\*1 Ci = 3,7 x 10<sup>10</sup> Bq

SOURCES: Nuclear Safety and the Environment, Schemes for Financing Radioactive waste Storage and Disposal, Annex, Final report, European Commission, Environment Directorate-General, EUR 18185, 1999

Webster S., Radioactive Waste Management in the Central and Eastern European Countries, European Commission, Directorate-General for Environment, Nuclear Safety and Civil Protection, 1999

