

## ANNEX 3. Additional information for the Energy sector

### Annex 3\_I. Energy Balance 2006 (in natural units)

|    |  | <i>Coal</i>   | <i>Coke</i>   | <i>Oil shale</i> | <i>Milled peat</i> | <i>Sod peat</i> | <i>Peat briquette</i> | <i>Fire-wood</i>            | <i>Wood waste<sup>a</sup></i> | <i>Briq. &amp; pellets</i> | <i>Natural gas</i>           | <i>Liquefied gas</i> | <i>Heavy fuel oil</i> | <i>Shale oil</i> |
|----|--|---------------|---------------|------------------|--------------------|-----------------|-----------------------|-----------------------------|-------------------------------|----------------------------|------------------------------|----------------------|-----------------------|------------------|
|    |  | <i>1000 t</i> | <i>1000 t</i> | <i>1000 t</i>    | <i>1000 t</i>      | <i>1000 t</i>   | <i>1000 t</i>         | <i>1000 m<sup>3</sup> s</i> | <i>1000 m<sup>3</sup> s</i>   | <i>1000 t</i>              | <i>million m<sup>3</sup></i> | <i>1000 t</i>        | <i>1000 t</i>         | <i>1000 t</i>    |
| 1  | <i>In stocks at the beginning of the year</i>              | 7.994         | 1.082         | 971.174          | 117.969            | 47.114          | 19.706                | 43.937                      | 99.044                        | 27.143                     | 0.000                        | 0.659                | 6.248                 | 38.142           |
| 2  | <i>Production of primary energy</i>                        | 0.000         | 0.000         | 14094.925        | 411.862            | 95.340          | 0.000                 | 1545.496                    | 1345.768                      | 249.376                    | 0.000                        | 0.000                | 0.000                 | 0.000            |
| 3  | <i>Production of converted energy</i>                      | 0.000         | 33.414        | 0.000            | 0.000              | 0.000           | 101.107               | 0.000                       | 0.000                         | 0.000                      | 0.000                        | 0.000                | 0.710                 | 363.722          |
| 4  | <i>Imports</i>   | 94.988        | 0.361         | 0.059            | 0.000              | 0.000           | 0.000                 | 0.000                       | 0.000                         | 0.000                      | 1008.793                     | 6.554                | 181.058               | 0.000            |
| 5  | <i>Resources of energy (1+2+3+4)</i>                       | 102.982       | 34.857        | 15066.158        | 529.831            | 142.454         | 120.813               | 1589.433                    | 1444.812                      | 276.519                    | 1008.793                     | 7.213                | 188.016               | 401.864          |
| 6  | <i>Exports</i>   | 0.000         | 33.128        | 8.507            | 0.000              | 26.768          | 83.380                | 0.000                       | 0.000                         | 256.288                    | 0.000                        | 0.000                | 0.000                 | 246.122          |
| 7  | <i>Marine bunkering</i>                                    | 0.000         | 0.000         | 0.000            | 0.000              | 0.000           | 0.000                 | 0.000                       | 0.000                         | 0.000                      | 0.000                        | 0.000                | 171.966               | 0.000            |
|    | <i>Aviation bunkering</i>                                  | 0.000         | 0.000         | 0.000            | 0.000              | 0.000           | 0.000                 | 0.000                       | 0.000                         | 0.000                      | 0.000                        | 0.000                | 0.000                 | 0.000            |
| 8  | <i>In stocks at the end of the year</i>                    | 33.382        | 1.366         | 1029.390         | 204.516            | 68.668          | 25.081                | 62.257                      | 55.520                        | 8.246                      | 0.000                        | 1.241                | 10.441                | 55.095           |
| 9  | <i>Supply of primary energy (5-6-7-8)</i>                  | 69.600        | 0.363         | 14028.261        | 325.315            | 47.018          | 12.352                | 1527.176                    | 1389.292                      | 11.985                     | 1008.793                     | 5.972                | 5.609                 | 100.647          |
| 10 | <i>Gross inland consumption (11+12+14+16)</i>              | 69.597        | 0.363         | 14028.261        | 325.602            | 47.196          | 12.102                | 1527.169                    | 1387.454                      | 11.986                     | 1008.701                     | 5.963                | 177.574               | 100.647          |
| 11 | <i>Consumption for conversion to other forms of energy</i> | 9.981         | 0.000         | 13810.190        | 308.244            | 46.884          | 0.935                 | 68.624                      | 1125.536                      | 2.280                      | 646.209                      | 0.109                | 5.608                 | 96.359           |
|    | <i>for electricity generation</i>                          | 0.000         | 0.000         | 10096.002        | 11.758             | 0.000           | 0.000                 | 0.000                       | 0.564                         | 0.000                      | 69.678                       | 0.000                | 0.021                 | 7.707            |
|    | <i>for heat generation</i>                                 | 9.981         | 0.000         | 723.920          | 111.245            | 46.884          | 0.935                 | 68.624                      | 1124.972                      | 2.280                      | 576.531                      | 0.109                | 5.587                 | 88.652           |
|    | <i>for conversion to other forms of fuels</i>              | 0.000         | 0.000         | 2990.268         | 185.241            | 0.000           | 0.000                 | 0.000                       | 0.000                         | 0.000                      | 0.000                        | 0.000                | 0.000                 | 0.000            |
| 12 | <i>Energy sector</i>                                       | 0.023         | 0.001         | 0.000            | 4.292              | 0.001           | 1.938                 | 0.225                       | 0.000                         | 0.091                      | 8.282                        | 0.040                | 0.000                 | 0.005            |
| 13 | <i>Losses</i>  | 0.003         | 0.000         | 0.000            | 0.002              | 0.000           | 0.250                 | 0.004                       | 1.837                         | 0.000                      | 0.093                        | 0.009                | 0.001                 | 0.000            |
| 14 | <i>Consumption for non-energy purposes</i>                 | 0.000         | 0.000         | 6.700            | 0.000              | 0.000           | 0.000                 | 0.000                       | 0.000                         | 0.000                      | 215.293                      | 0.000                | 0.000                 | 0.000            |

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|      |  | <i>LFO</i>    | <i>Diesel oil</i> | <i>Motor gasoline</i> | <i>Aviation gasoline</i> | <i>Other fuels<sup>d</sup></i> | <i>Electricity</i> | <i>Heat</i> |
|------|--|---------------|-------------------|-----------------------|--------------------------|--------------------------------|--------------------|-------------|
|      |  | <i>1000 t</i> | <i>1000 t</i>     | <i>1000 t</i>         | <i>1000 t</i>            | <i>1000 tce</i>                | <i>GWh</i>         | <i>GWh</i>  |
|      | <i>forms of fuels</i>  |               |                   |                       |                          |                                |                    |             |
| 12   | <i>Energy sector</i>   | 0.774         | 7.658             | 0.061                 | 0.000                    | 5.710                          | 1414.744           | 402.379     |
| 13   | <i>Losses</i>  | 0.000         | 0.037             | 0.023                 | 0.000                    | 0.000                          | 1076.967           | 1101.503    |
| 14   | <i>Consumption for non-energy purposes</i>                     | 0.000         | 0.000             | 0.000                 | 0.000                    | 0.000                          | 0.000              | 0.000       |
| 15   | <i>Final consumption (calculated) (9-11-12-13-14)</i>          | 75.847        | 471.237           | 307.733               | 31.363                   | 0.000                          | 6472.670           | 8831.138    |
| 16   | <i>Final consumption (observed) (16.1+16.2+16.3+16.4+16.5)</i> | 75.847        | 471.237           | 307.733               | 31.363                   | 0.000                          | 6472.670           | 8831.138    |
| 16.1 | <i>industry total</i>  | 5.709         | 29.950            | 0.467                 | 0.000                    | 0.000                          | 2330.805           | 2555.334    |
|      | <i>iron and steel industry</i>                                 | 0.010         | 0.010             | 0.001                 | 0.000                    | 0.000                          | 6.309              | 1.856       |
|      | <i>chemical industry</i>                                       | 0.000         | 0.423             | 0.000                 | 0.000                    | 0.000                          | 359.207            | 235.453     |
|      | <i>production of non-ferrous metals</i>                        | 0.000         | 0.000             | 0.000                 | 0.000                    | 0.000                          | 6.797              | 0.094       |
|      | <i>production of other non-metallic mineral products</i>       | 0.129         | 1.667             | 0.000                 | 0.000                    | 0.000                          | 215.210            | 76.408      |
|      | <i>production of transport equipment</i>                       | 0.044         | 0.192             | 0.000                 | 0.000                    | 0.000                          | 54.529             | 43.487      |
|      | <i>machinery</i>   | 0.322         | 0.574             | 0.006                 | 0.000                    | 0.000                          | 213.795            | 118.156     |
|      | <i>mining and quarrying</i>                                    | 1.087         | 4.214             | 0.006                 | 0.000                    | 0.000                          | 20.000             | 1.130       |
|      | <i>food processing, beverages and tobacco</i>                  | 0.656         | 0.143             | 0.015                 | 0.000                    | 0.000                          | 294.381            | 463.206     |
|      | <i>pulp, paper and printing industry</i>                       | 0.042         | 0.091             | 0.000                 | 0.000                    | 0.000                          | 266.731            | 352.240     |
|      | <i>production of wood and wood products</i>                    | 0.324         | 3.273             | 0.080                 | 0.000                    | 0.000                          | 363.945            | 664.363     |
|      | <i>construction</i>  | 2.893         | 18.474            | 0.295                 | 0.000                    | 0.000                          | 106.556            | 64.436      |
|      | <i>textile, leather and clothing industry</i>                  | 0.015         | 0.267             | 0.007                 | 0.000                    | 0.000                          | 194.842            | 283.764     |
|      | <i>other industries</i>  | 0.187         | 0.622             | 0.057                 | 0.000                    | 0.000                          | 228.503            | 250.741     |
| 16.2 | <i>agriculture</i>   | 15.876        | 43.092            | 0.269                 | 0.000                    | 0.000                          | 217.662            | 120.766     |

|      |                                       | <i>LFO</i>    | <i>Diesel oil</i> | <i>Motor gasoline</i> | <i>Aviation gasoline</i> | <i>Other fuels<sup>d</sup></i> | <i>Electricity</i> | <i>Heat</i> |
|------|---------------------------------------|---------------|-------------------|-----------------------|--------------------------|--------------------------------|--------------------|-------------|
|      |                                       | <i>1000 t</i> | <i>1000 t</i>     | <i>1000 t</i>         | <i>1000 t</i>            | <i>1000 tce</i>                | <i>GWh</i>         | <i>GWh</i>  |
| 16.3 | <b>transport total</b>                | 46.162        | 342.210           | 115.925               | 31.363                   | 0.000                          | 82.908             | 45.560      |
|      | <b>railway transport</b>              | 41.520        | 2.247             | 0.004                 | 0.000                    | 0.000                          | 14.476             | 5.256       |
|      | <b>road transport</b>                 | 0.078         | 333.486           | 115.921               | 0.000                    | 0.000                          | 64.369             | 38.533      |
|      | <b>inland waterway transport</b>      | 4.559         | 6.432             | 0.000                 | 0.000                    | 0.000                          | 2.979              | 0.048       |
|      | <b>air transport</b>                  | 0.005         | 0.045             | 0.000                 | 31.363                   | 0.000                          | 1.084              | 1.723       |
| 16.4 | <b>commercial and public services</b> | 1.532         | 11.177            | 0.232                 | 0.000                    | 0.000                          | 2166.554           | 1764.280    |
| 16.5 | <b>households</b>                     | 6.568         | 44.994            | 190.840               | 0.000                    | 0.000                          | 1674.741           | 4345.198    |
|      | <b>Statistical difference (14-15)</b> | 0.000         | 0.186             | 0.000                 | 0.000                    | 0.000                          | 0.000              | 0.000       |

*a* Including wood chips.

*b* Oil-shale coke.

*c* Including marine bunkering.

*d* Shale oil gas and biogas. black liquor.

*e* Biogas.

*f* Hydro-electric and wind energy.

*g* Of which own use by power plants - 1.003 GWh.

### Annex 3\_II Energy Balance 2006 (TJ)

|   |   | <i>Coal</i> | <i>Coke</i> | <i>Oil shale</i> | <i>Milled peat</i> | <i>Sod peat</i> | <i>Peat briq.</i> | <i>Fire-wood</i> | <i>Wood waste<sup>b</sup></i> | <i>Briq. &amp; pellets</i> | <i>Natural gas</i> | <i>Liquefied gas</i> | <i>Heavy fuel oil</i> | <i>Shale oil</i> |
|---|---|-------------|-------------|------------------|--------------------|-----------------|-------------------|------------------|-------------------------------|----------------------------|--------------------|----------------------|-----------------------|------------------|
| 1 | <b>In stocks at the beginning of the year</b> | 217.083     | 30.837      | 8485.147         | 1026.104           | 565.270         | 315.296           | 332.208          | 606.840                       | 459.479                    | 0.000              | 29.979               | 250.851               | 1495.853         |
| 2 | <b>Production of primary energy</b>           | 0.000       | 0.000       | 125021.985       | 3582.376           | 1143.889        | 0.000             | 11685.495        | 8245.523                      | 4219.442                   | 0.000              | 0.000                | 0.000                 | 0.000            |
| 4 | <b>Imports</b>                                | 2579.494    | 10.290      | 0.475            | 0.000              | 0.000           | 0.000             | 0.000            | 0.000                         | 0.000                      | 33895.445          | 298.188              | 7269.298              | 0.000            |
| 5 | <b>Resources of primary energy (1+2+4)</b>    | 2796.577    | 41.127      | 133507.607       | 4608.480           | 1709.159        | 315.296           | 12017.703        | 8852.363                      | 4678.921                   | 33895.445          | 328.167              | 7520.149              | 1495.853         |
| 6 | <b>Exports</b>                                | 0.000       | 944.148     | 74.250           | 0.000              | 321.162         | 1334.080          | 0.000            | 0.000                         | 4336.593                   | 0.000              | 0.000                | 0.000                 | 9652.425         |
| 7 | <b>Marine bunkering</b>                       | 0.000       | 0.000       | 0.000            | 0.000              | 0.000           | 0.000             | 0.000            | 0.000                         | 0.000                      | 0.000              | 0.000                | 6904.263              | 0.000            |
|   | <b>Aviation bunkering</b>                     | 0.000       | 0.000       | 0.000            | 0.000              | 0.000           | 0.000             | 0.000            | 0.000                         | 0.000                      | 0.000              | 0.000                | 0.000                 | 0.000            |
| 8 | <b>In stocks at the end of the</b>            | 906.521     | 38.931      | 8993.780         | 1778.884           | 823.877         | 401.296           | 470.725          | 340.173                       | 139.529                    | 0.000              | 56.465               | 419.196               | 2160.716         |

|      |  | <i>Coal</i> | <i>Coke</i> | <i>Oil shale</i> | <i>Milled peat</i> | <i>Sod peat</i> | <i>Peat briq.</i> | <i>Fire-wood</i> | <i>Wood waste<sup>b</sup></i> | <i>Briq. &amp; pellets</i> | <i>Natural gas</i> | <i>Liquefied gas</i> | <i>Heavy fuel oil</i> | <i>Shale oil</i> |
|------|--|-------------|-------------|------------------|--------------------|-----------------|-------------------|------------------|-------------------------------|----------------------------|--------------------|----------------------|-----------------------|------------------|
|      | <i>year</i>  |             |             |                  |                    |                 |                   |                  |                               |                            |                    |                      |                       |                  |
| 9    | <i>Supply of primary energy (5-6-7-8)</i>                      | 1890.056    | -941.952    | 124439.577       | 2829.596           | 564.121         | -1420.080         | 11546.978        | 8512.190                      | 202.799                    | 33895.445          | 271.702              | 196.690               | -10317.288       |
| 10   | <i>Consumption for conversion to other forms of energy</i>     | 271.044     | 0.000       | 122564.531       | 2681.112           | 562.513         | 14.960            | 518.866          | 6896.160                      | 38.579                     | 21712.622          | 4.959                | 225.156               | 3779.007         |
|      | <i>for electricity generation</i>                              | 0.000       | 0.000       | 83392.977        | 102.271            | 0.000           | 0.000             | 0.000            | 3.456                         | 0.000                      | 2341.181           | 0.000                | 0.843                 | 302.253          |
|      | <i>for heat generation</i>                                     | 271.044     | 0.000       | 5979.579         | 967.611            | 562.513         | 14.960            | 518.866          | 6892.704                      | 38.579                     | 19371.442          | 4.959                | 224.312               | 3476.754         |
|      | <i>for conversion to other forms of fuels</i>                  | 0.000       | 0.000       | 33191.975        | 1611.230           | 0.000           | 0.000             | 0.000            | 0.000                         | 0.000                      | 0.000              | 0.000                | 0.000                 | 0.000            |
| 3    | <i>Production of converted energy</i>                          | 0.000       | 952.299     | 0.000            | 0.000              | 0.000           | 1617.712          | 0.000            | 0.000                         | 0.000                      | 0.000              | 0.000                | 28.506                | 14264.449        |
| 11   | <i>Energy sector</i>   | 0.625       | 0.029       | 0.000            | 37.332             | 0.012           | 31.008            | 1.701            | 0.000                         | 0.000                      | 278.275            | 1.820                | 0.000                 | 0.196            |
| 12   | <i>Losses</i>  | 0.081       | 0.000       | 0.000            | 0.017              | 0.000           | 4.000             | 0.030            | 11.257                        | 0.000                      | 3.125              | 0.409                | 0.040                 | 0.000            |
| 13   | <i>Consumption for non-energy purposes</i>                     | 0.000       | 0.000       | 75.710           | 0.000              | 0.000           | 0.000             | 0.000            | 0.000                         | 0.000                      | 7233.845           | 0.000                | 0.000                 | 0.000            |
| 14   | <i>Final consumption (calculated) (9+3-10-11-12-13)</i>        | 1618.306    | 10.318      | 1799.336         | 111.135            | 1.596           | 147.664           | 11026.380        | 1604.774                      | 164.219                    | 4667.578           | 264.513              | 0.000                 | 167.958          |
| 15   | <i>Final consumption (observed) (15.1+15.2+15.3+15.4+15.5)</i> | 1618.714    | 10.317      | 1799.336         | 113.648            | 3.731           | 147.664           | 11026.358        | 1604.771                      | 162.467                    | 4667.611           | 264.533              | 0.000                 | 167.971          |
| 15.1 | <i>industry total</i>  | 989.075     | 10.317      | 1799.336         | 111.135            | 1.560           | 2.096             | 209.954          | 109.058                       | 0.129                      | 2151.677           | 126.078              | 0.000                 | 146.126          |
|      | <i>iron and steel industry</i>                                 | 2.118       | 10.317      | 0.000            | 0.000              | 0.000           | 0.000             | 0.257            | 0.000                         | 0.000                      | 19.219             | 0.000                | 0.000                 | 0.000            |
|      | <i>chemical industry</i>                                       | 0.000       | 0.000       | 0.000            | 0.000              | 0.000           | 0.000             | 7.493            | 0.245                         | 0.000                      | 23.621             | 71.070               | 0.000                 | 0.000            |
|      | <i>production of non-ferrous metals</i>                        | 0.000       | 0.000       | 0.000            | 0.000              | 0.000           | 0.000             | 0.000            | 0.000                         | 0.000                      | 16.867             | 2.275                | 0.000                 | 0.000            |
|      | <i>production of other non-metallic mineral products</i>       | 952.985     | 0.000       | 1799.336         | 111.135            | 0.000           | 0.000             | 1.300            | 9.553                         | 0.000                      | 728.448            | 2.957                | 0.000                 | 0.392            |
|      | <i>production of transport equipment</i>                       | 9.396       | 0.000       | 0.000            | 0.000              | 0.000           | 0.928             | 6.268            | 0.000                         | 0.000                      | 6.216              | 1.683                | 0.000                 | 0.000            |
|      | <i>machinery</i>   | 1.385       | 0.000       | 0.000            | 0.000              | 0.036           | 0.848             | 7.871            | 0.149                         | 0.034                      | 252.101            | 13.331               | 0.000                 | 0.000            |
|      | <i>mining and quarrying</i>                                    | 0.000       | 0.000       | 0.000            | 0.000              | 0.000           | 0.000             | 0.794            | 0.000                         | 0.000                      | 231.638            | 0.136                | 0.000                 | 0.000            |

|      |   | <i>Coal</i> | <i>Coke</i> | <i>Oil shale</i> | <i>Milled peat</i> | <i>Sod peat</i> | <i>Peat briq.</i> | <i>Fire-wood</i> | <i>Wood waste<sup>b</sup></i> | <i>Briq. &amp; pellets</i> | <i>Natural gas</i> | <i>Liquefied gas</i> | <i>Heavy fuel oil</i> | <i>Shale oil</i> |
|------|---|-------------|-------------|------------------|--------------------|-----------------|-------------------|------------------|-------------------------------|----------------------------|--------------------|----------------------|-----------------------|------------------|
|      | <i>food processing, beverages and tobacco</i> | 0.136       | 0.000       | 0.000            | 0.000              | 1.524           | 0.000             | 7.047            | 0.608                         | 0.000                      | 110.645            | 9.418                | 0.000                 | 0.000            |
|      | <i>pulp, paper and printing industry</i>      | 0.000       | 0.000       | 0.000            | 0.000              | 0.000           | 0.000             | 0.877            | 0.000                         | 0.000                      | 83.798             | 6.324                | 0.000                 | 0.000            |
|      | <i>production of wood and wood products</i>   | 1.222       | 0.000       | 0.000            | 0.000              | 0.000           | 0.000             | 173.223          | 97.995                        | 0.169                      | 148.142            | 3.594                | 0.000                 | 0.000            |
|      | <i>construction</i>                           | 3.503       | 0.000       | 0.000            | 0.000              | 0.000           | 0.320             | 3.758            | 0.000                         | 0.000                      | 329.448            | 7.962                | 0.000                 | 145.734          |
|      | <i>textile, leather and clothing industry</i> | 0.000       | 0.000       | 0.000            | 0.000              | 0.000           | 0.000             | 1.066            | 0.000                         | 0.085                      | 37.834             | 0.273                | 0.000                 | 0.000            |
|      | <i>other industries</i>                       | 18.330      | 0.000       | 0.000            | 0.000              | 0.000           | 0.000             | 0.000            | 0.507                         | 0.068                      | 163.699            | 7.052                | 0.000                 | 0.000            |
| 15.2 | <i>agriculture</i>                            | 1.059       | 0.000       | 0.000            | 0.000              | 0.000           | 0.256             | 255.055          | 37.203                        | 0.000                      | 3.528              | 1.865                | 0.000                 | 4.941            |
| 15.3 | <i>transport total</i>                        | 0.407       | 0.000       | 0.000            | 0.000              | 0.000           | 0.096             | 0.000            | 0.000                         | 0.000                      | 0.000              | 3.776                | 0.000                 | 0.000            |
|      | <i>railway transport</i>                      | 0.000       | 0.000       | 0.000            | 0.000              | 0.000           | 0.096             | 0.000            | 0.000                         | 0.000                      | 0.000              | 0.045                | 0.000                 | 0.000            |
|      | <i>road transport</i>                         | 0.000       | 0.000       | 0.000            | 0.000              | 0.000           | 0.000             | 0.000            | 0.000                         | 0.000                      | 0.000              | 3.731                | 0.000                 | 0.000            |
|      | <i>inland waterway transport</i>              | 0.000       | 0.000       | 0.000            | 0.000              | 0.000           | 0.000             | 0.000            | 0.000                         | 0.000                      | 0.000              | 0.000                | 0.000                 | 0.000            |
|      | <i>air transport</i>                          | 0.000       | 0.000       | 0.000            | 0.000              | 0.000           | 0.000             | 0.000            | 0.000                         | 0.000                      | 0.000              | 0.000                | 0.000                 | 0.000            |
| 15.4 | <i>commercial and public services</i>         | 6.300       | 0.000       | 0.000            | 0.000              | 0.036           | 4.512             | 74.839           | 0.287                         | 0.508                      | 605.405            | 13.877               | 0.000                 | 3.294            |
| 15.5 | <i>households</i>                             | 621.872     | 0.000       | 0.000            | 2.514              | 2.136           | 140.704           | 10486.510        | 1458.223                      | 161.830                    | 1907.002           | 118.935              | 0.000                 | 13.609           |
|      | <i>Statistical difference (14-15)</i>         | 0.407       | -0.001      | -0.001           | 0.000              | 2.136           | 0.000             | -0.023           | -0.002                        | -0.205                     | 0.034              | 0.019                | 0.000                 | 0.013            |

|   |   | <i>LFO</i> | <i>Diesel oil</i> | <i>Motor gasoline</i> | <i>Aviation gasoline</i> | <i>Other fuels<sup>d</sup></i> | <i>Total fuels</i> | <i>Electricity</i> | <i>Heat</i> | <i>Total energy</i> |
|---|---|------------|-------------------|-----------------------|--------------------------|--------------------------------|--------------------|--------------------|-------------|---------------------|
| 1 | <i>In stocks at the beginning of the year</i> | 189,889    | 481,658           | 758,841               | 1,204                    | 4,397                          | 15250,935          | 0,000              | 0,000       | 15250,000           |
| 2 | <i>Production of primary energy</i>           | 0,000      | 0,000             | 0,000                 | 0,000                    | 149,569                        | 154048,279         | 323,132            | 0,000       | 154371,411          |
| 4 | <i>Imports</i>                                | 3638,773   | 23091,147         | 14093,552             | 1460,577                 | 0,000                          | 86337,238          | 901,854            | 0,000       | 87237,854           |
| 5 | <i>Resources of primary energy (1+2+4)</i>    | 3828,662   | 23572,805         | 14852,393             | 1461,781                 | 153,965                        | 255634,279         | 1224,986           | 0,000       | 256859,265          |
| 6 | <i>Exports</i>                                | 0,000      | 0,000             | 0,000                 | 0,000                    | 0,000                          | 16662,658          | 3603,632           | 0,000       | 20266,290           |

|      |  | <i>LFO</i> | <i>Diesel oil</i> | <i>Motor gasoline</i> | <i>Aviation gasoline</i> | <i>Other fuels<sup>d</sup></i> | <i>Total fuels</i> | <i>Electricity</i> | <i>Heat</i> | <i>Total energy</i> |
|------|--|------------|-------------------|-----------------------|--------------------------|--------------------------------|--------------------|--------------------|-------------|---------------------|
| 7    | <i>Marine bunkering</i>  | 0,000      | 1921,304          | 0,000                 | 0,000                    | 0,000                          | 8825,566           | 0,000              | 0,000       | 8825,000            |
|      | <i>Aviation bunkering</i>                                      | 0,000      | 0,000             | 0,000                 | 0,000                    | 0,000                          | 0,000              | 0,000              | 0,000       | 0,000               |
| 8    | <i>In stocks at the end of the year</i>                        | 230,985    | 1365,815          | 1324,060              | 113,176                  | 0,000                          | 19564,127          | 0,000              | 0,000       | 19565,000           |
| 9    | <i>Supply of primary energy (5-6-7-8)</i>                      | 3597,677   | 20285,687         | 13528,333             | 1348,605                 | 153,965                        | 210584,100         | -2378,646          | 0,000       | 208202,975          |
| 10   | <i>Consumption for conversion to other forms of energy</i>     | 1244,870   | 32,066            | 0,000                 | 0,000                    | 6528,040                       | 167074,485         | 58,381             | 0,000       | 167132,867          |
|      | <i>for electricity generation</i>                              | 0,000      | 9,984             | 0,000                 | 0,000                    | 2762,526                       | 88915,490          | 0,000              | 0,000       | 88915,490           |
|      | <i>for heat generation</i>                                     | 1244,870   | 22,082            | 0,000                 | 0,000                    | 3765,514                       | 43355,791          | 58,381             | 0,000       | 43416,381           |
|      | <i>for conversion to other forms of fuels</i>                  | 0,000      | 0,000             | 0,000                 | 0,000                    | 0,000                          | 34803,204          | 0,000              | 0,000       | 34803,204           |
| 3    | <i>Production of converted energy</i>                          | 890,415    | 6,937             | 0,000                 | 0,000                    | 6541,435                       | 24301,753          | 34708,799          | 37206,072   | 96216,624           |
| 11   | <i>Energy sector</i>   | 32,762     | 323,961           | 2,681                 | 0,000                    | 167,360                        | 877,762            | 5093,078           | 1448,564    | 7419,404            |
| 12   | <i>Losses</i>  | 0,000      | 1,565             | 1,011                 | 0,000                    | 0,000                          | 21,536             | 3877,081           | 3965,411    | 7863,492            |
| 13   | <i>Consumption for non-energy purposes</i>                     | 0,000      | 0,000             | 0,000                 | 0,000                    | 0,000                          | 7309,555           | 0,000              | 0,000       | 7309,555            |
| 14   | <i>Final consumption (calculated) (9+3-10-11-12-13)</i>        | 3210,461   | 19935,031         | 13524,642             | 1348,605                 | 0,000                          | 59602,516          | 23301,612          | 31792,097   | 114694,282          |
| 15   | <i>Final consumption (observed) (15.1+15.2+15.3+15.4+15.5)</i> | 3210,461   | 19942,900         | 13524,642             | 1348,609                 | 0,000                          | 59613,731          | 23301,612          | 31792,097   | 114696,761          |
| 15.1 | <i>industry total</i>  | 241,651    | 1266,993          | 20,524                | 0,000                    | 0,000                          | 7185,709           | 8390,898           | 9199,202    | 24775,810           |
|      | <i>iron and steel industry</i>                                 | 0,423      | 0,423             | 0,044                 | 0,000                    | 0,000                          | 32,802             | 22,712             | 6,682       | 62,196              |
|      | <i>chemical industry</i>                                       | 0,000      | 17,894            | 0,000                 | 0,000                    | 0,000                          | 120,323            | 1293,145           | 847,631     | 2261,099            |
|      | <i>production of non-ferrous metals</i>                        | 0,000      | 0,000             | 0,000                 | 0,000                    | 0,000                          | 19,142             | 24,469             | 0,338       | 43,950              |
|      | <i>production of other non-metallic mineral products</i>       | 5,460      | 70,520            | 0,000                 | 0,000                    | 0,000                          | 3682,087           | 774,756            | 275,069     | 4731,912            |
|      | <i>production of transport</i>                                 | 1,862      | 8,122             | 0,000                 | 0,000                    | 0,000                          | 34,476             | 196,304            | 156,553     | 387,334             |



|      |   | <i>LFO</i> | <i>Diesel oil</i> | <i>Motor gasoline</i> | <i>Aviation gasoline</i> | <i>Other fuels<sup>d</sup></i> | <i>Total fuels</i> | <i>Electricity</i> | <i>Heat</i> | <i>Total energy</i> |
|------|---|------------|-------------------|-----------------------|--------------------------|--------------------------------|--------------------|--------------------|-------------|---------------------|
|      | <i>equipment</i>                              |            |                   |                       |                          |                                |                    |                    |             |                     |
|      | <i>machinery</i>                              | 13,630     | 24,282            | 0,264                 | 0,000                    | 0,000                          | 313,931            | 769,662            | 425,362     | 1508,955            |
|      | <i>mining and quarrying</i>                   | 46,011     | 178,267           | 0,264                 | 0,000                    | 0,000                          | 457,111            | 72,000             | 4,068       | 533,179             |
|      | <i>food processing, beverages and tobacco</i> | 27,767     | 6,049             | 0,659                 | 0,000                    | 0,000                          | 163,853            | 1059,772           | 1667,542    | 2891,166            |
|      | <i>pulp, paper and printing industry</i>      | 1,778      | 3,850             | 0,000                 | 0,000                    | 0,000                          | 96,627             | 960,232            | 1268,064    | 2324,923            |
|      | <i>production of wood and wood products</i>   | 13,714     | 138,460           | 3,516                 | 0,000                    | 0,000                          | 580,036            | 1310,202           | 2391,707    | 4281,945            |
|      | <i>construction</i>                           | 122,455    | 781,517           | 12,965                | 0,000                    | 0,000                          | 1407,663           | 383,602            | 231,970     | 2023,234            |
|      | <i>textile, leather and clothing industry</i> | 0,635      | 11,295            | 0,308                 | 0,000                    | 0,000                          | 51,495             | 701,431            | 1021,550    | 1774,477            |
|      | <i>other industries</i>                       | 7,915      | 26,313            | 2,505                 | 0,000                    | 0,000                          | 226,390            | 822,611            | 902,668     | 1951,669            |
| 15.2 | <i>agriculture</i>                            | 672,001    | 1822,948          | 11,822                | 0,000                    | 0,000                          | 2810,680           | 783,583            | 434,758     | 4029,020            |
| 15.3 | <i>transport total</i>                        | 1953,950   | 14476,722         | 5094,819              | 1348,609                 | 0,000                          | 22878,381          | 298,469            | 164,016     | 23340,866           |
|      | <i>railway transport</i>                      | 1757,463   | 95,056            | 0,176                 | 0,000                    | 0,000                          | 1852,837           | 52,114             | 18,922      | 1923,872            |
|      | <i>road transport</i>                         | 3,302      | 14107,665         | 5094,644              | 0,000                    | 0,000                          | 19209,342          | 231,728            | 138,719     | 19579,789           |
|      | <i>inland waterway transport</i>              | 192,974    | 272,097           | 0,000                 | 0,000                    | 0,000                          | 465,071            | 10,724             | 0,173       | 475,968             |
|      | <i>air transport</i>                          | 0,212      | 1,904             | 0,000                 | 1348,609                 | 0,000                          | 1350,724           | 3,902              | 6,203       | 1360,830            |
| 15.4 | <i>commercial and public services</i>         | 64,847     | 472,828           | 10,196                | 0,000                    | 0,000                          | 1256,928           | 7799,594           | 6351,408    | 15407,931           |
| 15.5 | <i>households</i>                             | 278,011    | 1903,409          | 8387,279              | 0,000                    | 0,000                          | 25482,033          | 6029,068           | 15642,713   | 47153,814           |
|      | <i>Statistical difference (14-15)</i>         | 0,000      | 7,868             | 0,000                 | 0,004                    | 0,000                          | 10,249             | 0,000              | 0,000       | 10,249              |

*a* Due to rounding, the values of the aggregate data may differ from the sum.

*b* Including wood chips.

*c* Oil-shale coke.

*d* Shale oil gas and biogas, black liquor.

*e* Biogas.

*f* Hydro-electric and wind energy.