

Annex 4 – CO₂ Reference Approach and comparison with sectoral approach; Energy Balance

| 2005 Energy Balance | Total | | | Bituminous coal | | | |
|--|----------|----------|------------|-----------------|---------|---------|-----------|
| | tce | toe | GJ | tonnes | tce | toe | GJ |
| 1.Primary production (recovered products included) | 38803632 | 27154394 | 1136946416 | - | - | - | - |
| 2. Imports | 24395286 | 17071577 | 714781882 | 3810117 | 3544444 | 2480367 | 103852210 |
| 3. Opening stock | 6518597 | 4561649 | 190994893 | 363086 | 331984 | 232319 | 9727131 |
| 4. TOTAL RESOURCES | 69717515 | 48787620 | 2042723191 | 4173203 | 3876428 | 2712686 | 113579341 |
| 5. Exports | 9337128 | 6534028 | 273577852 | 35439 | 31876 | 22306 | 933967 |
| 6. Bunkers | 6175528 | - | - | - | - | - | - |
| 7. Closing stock | 54204859 | 4321574 | 180942974 | 516631 | 473498 | 331350 | 13873491 |
| 8. GROSS INLAND CONSUMPTION | 40677220 | 37932018 | 1588202365 | 3212469 | 3371054 | 2359030 | 98771883 |
| 9. Transformation input | 11027301 | 28465516 | 1191842551 | 3621133 | 2984897 | 2088802 | 87457482 |
| 10. Conventional thermal power stations | 4721025 | 7716797 | 323099920 | - | - | - | - |
| 11. Nuclear power stations | 1946055 | 1361830 | 57019412 | - | - | - | - |
| 12. Heat plants | - | 3303726 | 138326037 | - | - | - | - |
| 13. Patent fuel plants | - | - | - | - | - | - | - |
| 14. Coke-oven plants | 2279516 | 1595183 | 66789819 | 2428712 | 2279516 | 1595183 | 66789819 |
| 15. Blast-furnace plants | 705381 | 493619 | 20667663 | 783757 | 705381 | 493619 | 20667663 |
| 16. Refineries | 19997942 | 13994361 | 585939700 | - | - | - | - |
| 17. Other | - | - | - | - | - | - | - |
| 18. Transformation output | 33785898 | 23643035 | 989926815 | 1891202 | 1702082 | 1191100 | 49871003 |
| 19. Conventional thermal power stations | 4139039 | 2896458 | 121273843 | - | - | - | - |
| 20. Nuclear power stations | 683260 | 478139 | 20019518 | - | - | - | - |
| 21. Heat plants | 4357002 | 3048987 | 127660159 | - | - | - | - |
| 22. Patent fuel plants | - | - | - | - | - | - | - |
| 23. Coke-oven plants | 2131749 | 1491777 | 62460246 | 1891202 | 1702082 | 1191100 | 49871003 |
| 24. Blast-furnace plants | 846929 | 592672 | 24815020 | - | - | - | - |
| 25. Refineries | 21627919 | 15135002 | 633698029 | - | - | - | - |
| 26. Other | - | - | - | - | - | - | - |
| 27. TRANSFERS | - | - | - | - | - | - | - |
| 28. CONSUMPTION OF THE ENERGY SECTOR | 6264971 | 4384165 | 183563652 | 1022 | 891 | 624 | 26106 |
| 29. Coal mining and preparation | 162423 | 113662 | 4758994 | - | - | - | - |
| 30. Hydrocarbons extraction and annexed services | 1705688 | 1193625 | 49976659 | - | - | - | - |
| 31. Radioactive ores quarrying | 10494 | 7344 | 307474 | - | - | - | - |
| 32. Crude oil processing, coal coking and nuclear fuel treatment | 2859729 | 2001210 | 83790059 | 1022 | 891 | 624 | 26106 |
| 33. Electric and thermal energy production, transport and distribution | 1526637 | 1068324 | 44730466 | - | - | - | - |
| 34. Losses | 2665892 | 1865563 | 78110635 | 22780 | 21070 | 14744 | 617351 |
| 35. AVAILABLE FOR FINAL CONSUMPTION | 38382674 | 26859809 | 1124612342 | 2276064 | 2066278 | 1445960 | 60541947 |
| 36. Non-energy consumption | 3188090 | 2230995 | 93411036 | 68612 | 61751 | 43213 | 1809304 |
| 37. FINAL ENERGY CONSUMPTION | 35870059 | 25101511 | 1050992750 | 1758116 | 1580572 | 1106068 | 46310760 |
| 38. Industry | 15011977 | 10505231 | 439850940 | 1757959 | 1580430 | 1105969 | 46306599 |
| 39. Mining of metal ores | 61261 | 42870 | 1794949 | - | - | - | - |
| 40. Other mining and quarrying | 44664 | 31256 | 1308655 | - | - | - | - |
| 41. Food, beverages and tobacco | 1410067 | 986750 | 41314967 | 2908 | 2617 | 1831 | 76678 |
| 42. Textile and textile products | 163478 | 114401 | 4789905 | - | - | - | - |
| 43. Textile fur and leather wearing apparel | 96956 | 67849 | 2840811 | - | - | - | - |
| 44. Leather goods and foot wear | 39542 | 27670 | 1158582 | - | - | - | - |
| 45. Wood and products of wood | 290409 | 203226 | 8508985 | - | - | - | - |
| 46. Pulp, paper and paper products | 323596 | 226450 | 9481365 | - | - | - | - |
| 47. Publishing, printing and reproduction of recorded media | 57705 | 40381 | 1690757 | - | - | - | - |
| 48. Chemistry and chemical products | 3592907 | 2514282 | 105272175 | 75812 | 66505 | 46540 | 1948596 |
| 49. Rubber and plastic products | 227100 | 158920 | 6654033 | - | - | - | - |
| 50. Other non-metallic mineral products | 1909955 | 1336568 | 55961682 | 6159 | 5543 | 3879 | 162410 |
| 51. Metallurgy | 4962671 | 3472825 | 145406259 | 1671894 | 1504698 | 1052973 | 44087651 |
| 52. Metal products, machinery and equipment | 865873 | 605931 | 25370079 | 1180 | 1062 | 743 | 31117 |
| 53. Furniture and other unclassified activities | 155707 | 108963 | 4562215 | - | - | - | - |
| 54. Waste recovering | 6507 | 4554 | 190655 | - | - | - | - |
| 55. Water collection, treatment and distribution | 214044 | 149785 | 6271490 | - | - | - | - |
| 56. Construction | 589535 | 412550 | 17273376 | 6 | 5 | 3 | 147 |
| 57. Transport | 6064298 | 4243737 | 177683932 | 69 | 62 | 43 | 1817 |
| 58. Households | 11510715 | 8055084 | 337263952 | 32 | 30 | 21 | 879 |
| 59. Agriculture and Forestry | 289485 | 202579 | 8481912 | 56 | 50 | 35 | 1465 |
| 60. Other economic activities | 2993584 | 2094880 | 87712014 | - | - | - | - |
| 61. Statistical difference | -675475 | -472697 | -19791444 | 449336 | 423955 | 296679 | 12421883 |

| | Steam coal | | | | Other coal | | | |
|--|----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|------------------|
| | tonnes | tce | toe | GJ | tonnes | tce | toe | GJ |
| 1. Primary production (recovered products included) | 3017058 | 1546013 | 1081884 | 45298181 | 28088190 | 6731984 | 4710975 | 197247132 |
| 2. Imports | 620117 | 520718 | 364393 | 15257037 | 368012 | 115975 | 81158 | 3398068 |
| 3. Opening stock | 685554 | 388472 | 271849 | 11382230 | 4436072 | 1072061 | 750217 | 31411388 |
| 4. TOTAL RESOURCES | 4322729 | 2455203 | 1718126 | 71937448 | 32892274 | 7920020 | 5542350 | 232056588 |
| 5. Exports | - | - | - | - | - | - | - | - |
| 6. Bunkers | - | - | - | - | - | - | - | - |
| 7. Closing stock | 688804 | 394986 | 276407 | 11573090 | 3565479 | 859252 | 601296 | 25176084 |
| 8. GROSS INLAND CONSUMPTION | 3633925 | 2060217 | 1441719 | 60364358 | 29326795 | 7060768 | 4941054 | 206880504 |
| 9. Transformation input | 3259756 | 1782788 | 1247578 | 52235690 | 28442740 | 6846076 | 4790816 | 200590028 |
| 10. Conventional thermal power stations | 2851053 | 1528569 | 1069678 | 44787072 | 25123223 | 6044970 | 4230210 | 177117622 |
| 11. Nuclear power stations | - | - | - | - | - | - | - | - |
| 12. Heat plants | 408703 | 254219 | 177900 | 7448618 | 3319517 | 801106 | 560606 | 23472406 |
| 13. Patent fuel plants | - | - | - | - | - | - | - | - |
| 14. Coke-oven plants | - | - | - | - | - | - | - | - |
| 15. Blast-furnace plants | - | - | - | - | - | - | - | - |
| 16. Refineries | - | - | - | - | - | - | - | - |
| 17. Other | - | - | - | - | - | - | - | - |
| 18. Transformation output | - | - | - | - | - | - | - | - |
| 19. Conventional thermal power stations | - | - | - | - | - | - | - | - |
| 20. Nuclear power stations | - | - | - | - | - | - | - | - |
| 21. Heat plants | - | - | - | - | - | - | - | - |
| 22. Patent fuel plants | - | - | - | - | - | - | - | - |
| 23. Coke-oven plants | - | - | - | - | - | - | - | - |
| 24. Blast-furnace plants | - | - | - | - | - | - | - | - |
| 25. Refineries | - | - | - | - | - | - | - | - |
| 26. Other | - | - | - | - | - | - | - | - |
| 27. TRANSFERS | - | - | - | - | - | - | - | - |
| 28. CONSUMPTION OF THE ENERGY SECTOR | 5279 | 4383 | 3067 | 128422 | 565187 | 136241 | 95340 | 3991862 |
| 29. Coal mining and preparation | 5153 | 4297 | 3007 | 125902 | 12528 | 3322 | 2325 | 97335 |
| 30. Hydrocarbons extraction and annexed services | - | - | - | - | - | - | - | - |
| 31. Radioactive ores quarrying | - | - | - | - | - | - | - | - |
| 32. Crude oil processing, coal coking and nuclear fuel treatment | - | - | - | - | - | - | - | - |
| 33. Electric and thermal energy production, transport and distribution | 126 | 86 | 60 | 2520 | 552659 | 132919 | 93015 | 3894527 |
| 34. Losses | - | - | - | - | 8253 | 1985 | 1389 | 58160 |
| 35. AVAILABLE FOR FINAL CONSUMPTION | 368890 | 273046 | 191074 | 8000246 | 310615 | 76466 | 53509 | 2240454 |
| 36. Non-energy consumption | - | - | - | - | - | - | - | - |
| 37. FINAL ENERGY CONSUMPTION | 305270 | 254133 | 177840 | 7446097 | 740518 | 178127 | 124653 | 5219121 |
| 38. Industry | 304031 | 253452 | 177364 | 7426143 | 664749 | 159872 | 111877 | 4684250 |
| 39. Mining of metal ores | 19 | 16 | 11 | 469 | - | - | - | - |
| 40. Other mining and quarrying | - | - | - | - | 276 | 66 | 46 | 1934 |
| 41. Food, beverages and tobacco | - | - | - | - | - | - | - | - |
| 42. Textile and textile products | - | - | - | - | - | - | - | - |
| 43. Textile fur and leather wearing apparel | - | - | - | - | 20 | 5 | 3 | 147 |
| 44. Leather goods and foot wear | - | - | - | - | - | - | - | - |
| 45. Wood and products of wood | - | - | - | - | 50 | 12 | 8 | 352 |
| 46. Pulp, paper and paper products | - | - | - | - | - | - | - | - |
| 47. Publishing, printing and reproduction of recorded media | - | - | - | - | - | - | - | - |
| 48. Chemistry and chemical products | 892 | 744 | 521 | 21799 | 513281 | 123444 | 86385 | 3616909 |
| 49. Rubber and plastic products | - | - | - | - | - | - | - | - |
| 50. Other non-metallic mineral products | 281 | 141 | 99 | 4131 | 150420 | 36176 | 25316 | 1059957 |
| 51. Metallurgy | 302628 | 252380 | 176613 | 7394734 | - | - | - | - |
| 52. Metal products, machinery and equipment | - | - | - | - | 669 | 161 | 113 | 4717 |
| 53. Furniture and other unclassified activities | - | - | - | - | - | - | - | - |
| 54. Waste recovering | - | - | - | - | - | - | - | - |
| 55. Water collection, treatment and distribution | 196 | 163 | 114 | 4776 | - | - | - | - |
| 56. Construction | 15 | 8 | 6 | 234 | 33 | 8 | 6 | 234 |
| 57. Transport | 5 | 4 | 3 | 117 | 4 | 1 | 1 | 29 |
| 58. Households | - | - | - | - | 73276 | 17640 | 12345 | 516852 |
| 59. Agriculture and Forestry | 250 | 122 | 85 | 3575 | 1207 | 290 | 203 | 8497 |
| 60. Other economic activities | 984 | 555 | 388 | 16262 | 1282 | 324 | 227 | 9493 |
| 61. Statistical difference | 63620 | 18913 | 13234 | 554149 | -429903 | -101661 | -71144 | -2978667 |

| | Coking coal | | | | Coke and semicoke | | | |
|--|----------------|----------------|----------------|-----------------|-------------------|----------------|----------------|-----------------|
| | tonnes | tce | toe | GJ | tonnes | tce | toe | GJ |
| 1. Primary production (recovered products included) | - | - | - | - | - | - | - | - |
| 2. Imports | 3051609 | 2864149 | 2004303 | 83919566 | 675824 | 608242 | 425642 | 17821491 |
| 3. Opening stock | 137732 | 129271 | 90463 | 3787640 | 221677 | 199509 | 139614 | 5845614 |
| 4. TOTAL RESOURCES | 3189341 | 2993420 | 2094766 | 87707206 | 897501 | 807751 | 565256 | 23667105 |
| 5. Exports | - | - | - | - | 34778 | 31300 | 21903 | 917090 |
| 6. Bunkers | - | - | - | - | - | - | - | - |
| 7. Closing stock | 226928 | 212988 | 149047 | 6240548 | 281893 | 253704 | 177540 | 7433527 |
| 8. GROSS INLAND CONSUMPTION | 2962413 | 2780432 | 1945719 | 81466658 | 580830 | 522747 | 365813 | 15316488 |
| 9. Transformation input | 2428712 | 2279516 | 1595183 | 66789819 | 783757 | 705381 | 493619 | 20667663 |
| 10. Conventional thermal power stations | - | - | - | - | - | - | - | - |
| 11. Nuclear power stations | - | - | - | - | - | - | - | - |
| 12. Heat plants | - | - | - | - | - | - | - | - |
| 13. Patent fuel plants | - | - | - | - | - | - | - | - |
| 14. Coke-oven plants | 2428712 | 2279516 | 1595183 | 66789819 | - | - | - | - |
| 15. Blast-furnace plants | - | - | - | - | 783757 | 705381 | 493619 | 20667663 |
| 16. Refineries | - | - | - | - | - | - | - | - |
| 17. Other | - | - | - | - | - | - | - | - |
| 18. Transformation output | - | - | - | - | 1891202 | 1702082 | 1191100 | 49871003 |
| 19. Conventional thermal power stations | - | - | - | - | - | - | - | - |
| 20. Nuclear power stations | - | - | - | - | - | - | - | - |
| 21. Heat plants | - | - | - | - | - | - | - | - |
| 22. Patent fuel plants | - | - | - | - | - | - | - | - |
| 23. Coke-oven plants | - | - | - | - | 1891202 | 1702082 | 1191100 | 49871003 |
| 24. Blast-furnace plants | - | - | - | - | - | - | - | - |
| 25. Refineries | - | - | - | - | - | - | - | - |
| 26. Other | - | - | - | - | - | - | - | - |
| 27. TRANSFERS | - | - | - | - | - | - | - | - |
| 28. CONSUMPTION OF THE ENERGY SECTOR | - | - | - | - | - | - | - | - |
| 29. Coal mining and preparation | - | - | - | - | - | - | - | - |
| 30. Hydrocarbons extraction and annexed services | - | - | - | - | - | - | - | - |
| 31. Radioactive ores quarrying | - | - | - | - | - | - | - | - |
| 32. Crude oil processing, coal coking and nuclear fuel treatment | - | - | - | - | - | - | - | - |
| 33. Electric and thermal energy production, transport and distribution | - | - | - | - | - | - | - | - |
| 34. Losses | 14706 | 13803 | 9659 | 404428 | 8074 | 7267 | 5085 | 212923 |
| 35. AVAILABLE FOR FINAL CONSUMPTION | 518995 | 487113 | 340877 | 14272411 | 1680201 | 1512181 | 1058209 | 44306905 |
| 36. Non-energy consumption | - | - | - | - | 68612 | 61751 | 43213 | 1809304 |
| 37. FINAL ENERGY CONSUMPTION | 32 | 30 | 21 | 879 | 1697428 | 1527684 | 1069057 | 44761142 |
| 38. Industry | - | - | - | - | 1697303 | 1527572 | 1068979 | 44757860 |
| 39. Mining of metal ores | - | - | - | - | - | - | - | - |
| 40. Other mining and quarrying | - | - | - | - | - | - | - | - |
| 41. Food, beverages and tobacco | - | - | - | - | 2908 | 2617 | 1831 | 76678 |
| 42. Textile and textile products | - | - | - | - | - | - | - | - |
| 43. Textile fur and leather wearing apparel | - | - | - | - | - | - | - | - |
| 44. Leather goods and foot wear | - | - | - | - | - | - | - | - |
| 45. Wood and products of wood | - | - | - | - | - | - | - | - |
| 46. Pulp, paper and paper products | - | - | - | - | - | - | - | - |
| 47. Publishing, printing and reproduction of recorded media | - | - | - | - | - | - | - | - |
| 48. Chemistry and chemical products | - | - | - | - | 15416 | 13874 | 9709 | 406508 |
| 49. Rubber and plastic products | - | - | - | - | - | - | - | - |
| 50. Other non-metallic mineral products | - | - | - | - | 6159 | 5543 | 3879 | 162410 |
| 51. Metallurgy | - | - | - | - | 1671634 | 1504471 | 1052814 | 44081000 |
| 52. Metal products, machinery and equipment | - | - | - | - | 1180 | 1062 | 743 | 31117 |
| 53. Furniture and other unclassified activities | - | - | - | - | - | - | - | - |
| 54. Waste recovering | - | - | - | - | - | - | - | - |
| 55. Water collection, treatment and distribution | - | - | - | - | - | - | - | - |
| 56. Construction | - | - | - | - | 6 | 5 | 3 | 147 |
| 57. Transport | - | - | - | - | 69 | 62 | 43 | 1817 |
| 58. Households | 32 | 30 | 21 | 879 | - | - | - | - |
| 59. Agriculture and Forestry | - | - | - | - | 56 | 50 | 35 | 1465 |
| 60. Other economic activities | - | - | - | - | - | - | - | - |
| 61. Statistical difference | 518963 | 487083 | 340856 | 14271532 | -85839 | -77254 | -54061 | -2263541 |

| | Firewood (including biomass) | | | | Crude oil(including natural gas liquids) | | | |
|--|------------------------------|----------------|----------------|------------------|--|-----------------|-----------------|------------------|
| | tonnes | tce | toe | GJ | tonnes | tce | toe | GJ |
| 1.Primary production (recovered products included) | 13282832 | 4613854 | 3228729 | 135185922 | 5436681 | 7611041 | 5326131 | 223003502 |
| 2. Imports | - | - | - | - | 8688818 | 12412585 | 8686204 | 363688741 |
| 3. Opening stock | 428437 | 145854 | 102067 | 4273522 | 879285 | 1243754 | 870367 | 36441992 |
| 4. TOTAL RESOURCES | 13711269 | 4759708 | 3330796 | 139459444 | 15004784 | 21267380 | 14882702 | 623134235 |
| 5. Exports | - | - | - | - | - | - | - | - |
| 6. Bunkers | - | - | - | - | - | - | - | - |
| 7. Closing stock | 605939 | 208585 | 145966 | 6111541 | 813053 | 1150232 | 804921 | 33701798 |
| 8. GROSS INLAND CONSUMPTION | 13105330 | 4551123 | 3184830 | 133347903 | 14109338 | 19997942 | 14077781 | 589432437 |
| 9. Transformation input | 84309 | 27969 | 19572 | 819492 | 14191731 | 20117148 | 13994361 | 585939700 |
| 10. Conventional thermal power stations | 15000 | 4740 | 3317 | 138882 | - | - | - | - |
| 11. Nuclear power stations | - | - | - | - | - | - | - | - |
| 12. Heat plants | 69309 | 23229 | 16255 | 680610 | - | - | - | - |
| 13. Patent fuel plants | - | - | - | - | - | - | - | - |
| 14. Coke-oven plants | - | - | - | - | - | - | - | - |
| 15. Blast-furnace plants | - | - | - | - | - | - | - | - |
| 16. Refineries | - | - | - | - | 14109338 | 19997942 | 13994361 | 585939700 |
| 17. Other | - | - | - | - | - | - | - | - |
| 18. Transformation output | - | - | - | - | - | - | - | - |
| 19. Conventional thermal power stations | - | - | - | - | - | - | - | - |
| 20. Nuclear power stations | - | - | - | - | - | - | - | - |
| 21. Heat plants | - | - | - | - | - | - | - | - |
| 22. Patent fuel plants | - | - | - | - | - | - | - | - |
| 23. Coke-oven plants | - | - | - | - | - | - | - | - |
| 24. Blast-furnace plants | - | - | - | - | - | - | - | - |
| 25. Refineries | - | - | - | - | - | - | - | - |
| 26. Other | - | - | - | - | - | - | - | - |
| 27. TRANSFERS | - | - | - | - | - | - | - | - |
| 28. CONSUMPTION OF THE ENERGY SECTOR | 26717 | 8662 | 6062 | 253796 | 42312 | 59786 | 41838 | 1751730 |
| 29. Coal mining and preparation | 289 | 101 | 71 | 2959 | - | - | - | - |
| 30. Hydrocarbons extraction and annexed services | 165 | 58 | 41 | 1699 | 42312 | 59786 | 41838 | 1751730 |
| 31. Radioactive ores quarrying | - | - | - | - | - | - | - | - |
| 32. Crude oil processing, coal coking and nuclear fuel treatment | 6658 | 2104 | 1472 | 61647 | - | - | - | - |
| 33. Electric and thermal energy production, transport and distribution | 19605 | 6399 | 4478 | 187491 | - | - | - | - |
| 34. Losses | 257 | 90 | 63 | 2637 | 74273 | 106460 | 74499 | 3119278 |
| 35. AVAILABLE FOR FINAL CONSUMPTION | 12994047 | 4514402 | 3159133 | 132271978 | -34192 | -47040 | -32917 | -1378271 |
| 36. Non-energy consumption | - | - | - | - | - | - | - | - |
| 37. FINAL ENERGY CONSUMPTION | 13003027 | 4525456 | 3166868 | 132595865 | 276 | 390 | 273 | 11427 |
| 38. Industry | 1074653 | 350842 | 245515 | 10279674 | - | - | - | - |
| 39. Mining of metal ores | 1318 | 462 | 323 | 13537 | - | - | - | - |
| 40. Other mining and quarrying | 369 | 129 | 91 | 3779 | - | - | - | - |
| 41. Food, beverages and tobacco | 73590 | 23489 | 16438 | 688228 | - | - | - | - |
| 42. Textile and textile products | 83688 | 26515 | 18555 | 776889 | - | - | - | - |
| 43. Textile fur and leather wearing apparel | 3921 | 1372 | 960 | 40200 | - | - | - | - |
| 44. Leather goods and foot wear | 262 | 92 | 64 | 2696 | - | - | - | - |
| 45. Wood and products of wood | 259868 | 86802 | 60743 | 2543299 | - | - | - | - |
| 46. Pulp, paper and paper products | 421234 | 135141 | 94571 | 3959632 | - | - | - | - |
| 47. Publishing, printing and reproduction of recorded media | - | - | - | - | - | - | - | - |
| 48. Chemistry and chemical products | 352 | 122 | 85 | 3575 | - | - | - | - |
| 49. Rubber and plastic products | 328 | 115 | 80 | 3370 | - | - | - | - |
| 50. Other non-metallic mineral products | 55353 | 17583 | 12304 | 515182 | - | - | - | - |
| 51. Metallurgy | 7 | 2 | 1 | 59 | - | - | - | - |
| 52. Metal products, machinery and equipment | 3751 | 1303 | 912 | 38178 | - | - | - | - |
| 53. Furniture and other unclassified activities | 153008 | 51824 | 36266 | 1518444 | - | - | - | - |
| 54. Waste recovering | 166 | 58 | 41 | 1699 | - | - | - | - |
| 55. Water collection, treatment and distribution | 2143 | 749 | 524 | 21946 | - | - | - | - |
| 56. Construction | 15295 | 5084 | 3557 | 148961 | - | - | - | - |
| 57. Transport | 2771 | 967 | 677 | 28333 | - | - | - | - |
| 58. Households | 11155037 | 3904263 | 2732164 | 114394906 | - | - | - | - |
| 59. Agriculture and Forestry | 11179 | 3892 | 2723 | 114036 | - | - | - | - |
| 60. Other economic activities | 75938 | 265492 | 185789 | 7778916 | 276 | 390 | 273 | 11427 |
| 61. Statistical difference | -8980 | -11054 | -7735 | -323887 | -34468 | -47430 | -33190 | -1389698 |

| | Gasoline | | | | Kerosene | | | |
|--|-----------------|-----------------|-----------------|-------------------|----------------|----------------|----------------|-----------------|
| | tonnes | tce | toe | GJ | tonnes | tce | toe | GJ |
| 1. Primary production (recovered products included) | - | - | - | - | - | - | - | - |
| 2. Imports | 62440 | 93661 | 65542 | 2744268 | 23160 | 34176 | 23916 | 1001357 |
| 3. Opening stock | 208374 | 310068 | 216982 | 9084993 | 6061 | 9735 | 6813 | 285236 |
| 4. TOTAL RESOURCES | 270814 | 403729 | 282524 | 11829261 | 29221 | 43911 | 30729 | 1286593 |
| 5. Exports | 2832347 | 4208369 | 2944975 | 123305212 | 127808 | 208253 | 145733 | 6101813 |
| 6. Bunkers | - | - | - | - | - | - | - | - |
| 7. Closing stock | 208069 | 309666 | 216700 | 9073214 | 4721 | 7497 | 5247 | 219663 |
| 8. GROSS INLAND CONSUMPTION | -2769602 | -4114306 | -2879151 | -120549165 | -103308 | -171839 | -120251 | -5034883 |
| 9. Transformation input | 150 | 221 | 155 | 6475 | 28 | 41 | 29 | 1201 |
| 10. Conventional thermal power stations | 105 | 155 | 109 | 4541 | 1 | 1 | 1 | 29 |
| 11. Nuclear power stations | - | - | - | - | - | - | - | - |
| 12. Heat plants | 45 | 66 | 46 | 1934 | 27 | 40 | 28 | 1172 |
| 13. Patent fuel plants | - | - | - | - | - | - | - | - |
| 14. Coke-oven plants | - | - | - | - | - | - | - | - |
| 15. Blast-furnace plants | - | - | - | - | - | - | - | - |
| 16. Refineries | - | - | - | - | - | - | - | - |
| 17. Other | - | - | - | - | - | - | - | - |
| 18. Transformation output | 4744715 | 7053537 | 4935995 | 206668634 | 293698 | 473802 | 331562 | 13882400 |
| 19. Conventional thermal power stations | - | - | - | - | - | - | - | - |
| 20. Nuclear power stations | - | - | - | - | - | - | - | - |
| 21. Heat plants | - | - | - | - | - | - | - | - |
| 22. Patent fuel plants | - | - | - | - | - | - | - | - |
| 23. Coke-oven plants | - | - | - | - | - | - | - | - |
| 24. Blast-furnace plants | - | - | - | - | - | - | - | - |
| 25. Refineries | 4744715 | 7053537 | 4935995 | 206668634 | 293698 | 473802 | 331562 | 13882400 |
| 26. Other | - | - | - | - | - | - | - | - |
| 27. TRANSFERS | - | - | - | - | - | - | - | - |
| 28. CONSUMPTION OF THE ENERGY SECTOR | 4598 | 6829 | 4778 | 200090 | 274 | 428 | 300 | 12540 |
| 29. Coal mining and preparation | 14 | 20 | 14 | 586 | 1 | 1 | 1 | 29 |
| 30. Hydrocarbons extraction and annexed services | 3421 | 5081 | 3555 | 148873 | 83 | 122 | 85 | 3575 |
| 31. Radioactive ores quarrying | - | - | - | - | - | - | - | - |
| 32. Crude oil processing, coal coking and nuclear fuel treatment | - | - | - | - | 27 | 41 | 29 | 1201 |
| 33. Electric and thermal energy production, transport and distribution | 1163 | 1728 | 1209 | 50631 | 163 | 264 | 185 | 7735 |
| 34. Losses | 2501 | 3715 | 2600 | 108849 | - | - | - | - |
| 35. AVAILABLE FOR FINAL CONSUMPTION | 1967864 | 2928466 | 2049311 | 85804055 | 190088 | 301494 | 210982 | 8833776 |
| 36. Non-energy consumption | 344460 | 516690 | 361575 | 15139017 | 578 | 862 | 603 | 25257 |
| 37. FINAL ENERGY CONSUMPTION | 1719384 | 2554067 | 1787309 | 74834168 | 93250 | 153119 | 107150 | 4486388 |
| 38. Industry | 53626 | 79653 | 55739 | 2333837 | 5126 | 7964 | 5572 | 233346 |
| 39. Mining of metal ores | 62 | 92 | 64 | 2696 | - | - | - | - |
| 40. Other mining and quarrying | 177 | 263 | 184 | 7706 | 1 | 2 | 1 | 59 |
| 41. Food, beverages and tobacco | 2960 | 4404 | 3082 | 129038 | - | - | - | - |
| 42. Textile and textile products | 283 | 420 | 294 | 12306 | 1 | 1 | 1 | 29 |
| 43. Textile fur and leather wearing apparel | 481 | 714 | 499 | 20921 | 84 | 123 | 86 | 3604 |
| 44. Leather goods and foot wear | 552 | 820 | 574 | 24026 | 2 | 3 | 2 | 88 |
| 45. Wood and products of wood | 315 | 467 | 327 | 13683 | - | - | - | - |
| 46. Pulp, paper and paper products | - | - | - | - | 6 | 9 | 6 | 264 |
| 47. Publishing, printing and reproduction of recorded media | - | - | - | - | 6 | 9 | 6 | 264 |
| 48. Chemistry and chemical products | 2259 | 3355 | 2348 | 98301 | 2278 | 3417 | 2391 | 100118 |
| 49. Rubber and plastic products | 500 | 745 | 521 | 21829 | 65 | 97 | 68 | 2842 |
| 50. Other non-metallic mineral products | 814 | 1209 | 846 | 35424 | 22 | 33 | 23 | 1846 |
| 51. Metallurgy | - | - | - | - | 43 | 63 | 44 | 967 |
| 52. Metal products, machinery and equipment | 6010 | 8929 | 6249 | 261620 | 2247 | 3662 | 2563 | 107296 |
| 53. Furniture and other unclassified activities | 700 | 1039 | 727 | 30443 | 7 | 11 | 8 | 322 |
| 54. Waste recovering | 28 | 42 | 29 | 1231 | - | - | - | - |
| 55. Water collection, treatment and distribution | 376 | 559 | 391 | 16379 | - | - | - | - |
| 56. Construction | 38109 | 56595 | 39604 | 1658234 | 364 | 534 | 373 | 15647 |
| 57. Transport | 1550052 | 2302383 | 1611185 | 67459822 | 82088 | 136276 | 95365 | 3992887 |
| 58. Households | 11746 | 17619 | 12330 | 516237 | 5909 | 8669 | 6066 | 254002 |
| 59. Agriculture and Forestry | 3053 | 4534 | 3172 | 132846 | 2 | 3 | 2 | 88 |
| 60. Other economic activities | 100907 | 149878 | 104883 | 4391426 | 125 | 207 | 145 | 6065 |
| 61. Statistical difference | -95980 | -142291 | -99573 | -4169130 | 96260 | 147513 | 103229 | 4322131 |

| | Diesel Oil | | | | Residual Fuel Oil | | | |
|--|-----------------|-----------------|-----------------|------------------|-------------------|----------------|----------------|------------------|
| | tonnes | tce | toe | GJ | tonnes | tce | toe | GJ |
| 1. Primary production (recovered products included) | - | - | - | - | - | - | - | - |
| 2. Imports | 190914 | 276825 | 193719 | 8110973 | 334316 | 459515 | 321564 | 13463789 |
| 3. Opening stock | 208409 | 302193 | 211472 | 8854255 | 616180 | 831754 | 582053 | 24370392 |
| 4. TOTAL RESOURCES | 399323 | 579018 | 405191 | 16965228 | 950496 | 1291269 | 903617 | 37834181 |
| 5. Exports | 1900196 | 2755284 | 1928120 | 80729821 | 726740 | 976865 | 683601 | 28622145 |
| 6. Bunkers | 163766 | - | - | - | - | - | - | - |
| 7. Closing stock | - | 237461 | 166173 | 6957607 | 494202 | 666906 | 466694 | 19540346 |
| 8. GROSS INLAND CONSUMPTION | -1664639 | -2413727 | -1689102 | -70722200 | -270446 | -352502 | -246678 | -10328310 |
| 9. Transformation input | 4518 | 6551 | 4585 | 191945 | 822510 | 1111462 | 777790 | 32565837 |
| 10. Conventional thermal power stations | 1827 | 2649 | 1854 | 77616 | 353604 | 477788 | 334351 | 13999188 |
| 11. Nuclear power stations | - | - | - | - | - | - | - | - |
| 12. Heat plants | 2691 | 3902 | 2731 | 114329 | 468906 | 633674 | 443439 | 18566649 |
| 13. Patent fuel plants | - | - | - | - | - | - | - | - |
| 14. Coke-oven plants | - | - | - | - | - | - | - | - |
| 15. Blast-furnace plants | - | - | - | - | - | - | - | - |
| 16. Refineries | - | - | - | - | - | - | - | - |
| 17. Other | - | - | - | - | - | - | - | - |
| 18. Transformation output | 4541660 | 6585407 | 4608402 | 192952425 | 1706510 | 2291843 | 1603809 | 67151000 |
| 19. Conventional thermal power stations | - | - | - | - | - | - | - | - |
| 20. Nuclear power stations | - | - | - | - | - | - | - | - |
| 21. Heat plants | - | - | - | - | - | - | - | - |
| 22. Patent fuel plants | - | - | - | - | - | - | - | - |
| 23. Coke-oven plants | - | - | - | - | - | - | - | - |
| 24. Blast-furnace plants | - | - | - | - | - | - | - | - |
| 25. Refineries | 4541660 | 6585407 | 4608402 | 192952425 | 1706510 | 2291843 | 1603809 | 67151000 |
| 26. Other | - | - | - | - | - | - | - | - |
| 27. TRANSFERS | - | - | - | - | - | - | - | - |
| 28. CONSUMPTION OF THE ENERGY SECTOR | 55977 | 81167 | 56800 | 2378193 | 273227 | 369190 | 258355 | 10817267 |
| 29. Coal mining and preparation | 2988 | 4333 | 3032 | 126957 | - | - | - | - |
| 30. Hydrocarbons extraction and annexed services | 46970 | 68107 | 47661 | 1995535 | 96412 | 130429 | 91273 | 3821570 |
| 31. Radioactive ores quarrying | - | - | - | - | - | - | - | - |
| 32. Crude oil processing, coal coking and nuclear fuel treatment | 3718 | 5391 | 3773 | 157956 | 156141 | 210851 | 147551 | 6177934 |
| 33. Electric and thermal energy production, transport and distribution | 2301 | 3336 | 2334 | 97745 | 20674 | 27910 | 19531 | 817763 |
| 34. Losses | 9533 | 13823 | 9673 | 405014 | 195 | 264 | 185 | 7735 |
| 35. AVAILABLE FOR FINAL CONSUMPTION | 2806993 | 4070139 | 2848242 | 119255073 | 340132 | 458425 | 320801 | 13431851 |
| 36. Non-energy consumption | 24965 | 36199 | 25332 | 1060631 | 4243 | 5704 | 3992 | 167127 |
| 37. FINAL ENERGY CONSUMPTION | 2809545 | 4073839 | 2850833 | 119363485 | 414571 | 560218 | 392034 | 16414388 |
| 38. Industry | 303570 | 440176 | 308031 | 12897159 | 292988 | 395864 | 277021 | 11598816 |
| 39. Mining of metal ores | 3148 | 4565 | 3195 | 133755 | - | - | - | - |
| 40. Other mining and quarrying | 10189 | 14774 | 10339 | 432878 | 4918 | 6605 | 4622 | 193527 |
| 41. Food, beverages and tobacco | 10212 | 14807 | 10362 | 433845 | 24370 | 32858 | 22994 | 962740 |
| 42. Textile and textile products | 983 | 1425 | 997 | 41753 | 466 | 627 | 439 | 18371 |
| 43. Textile fur and leather wearing apparel | 1461 | 2118 | 1482 | 62057 | 157 | 211 | 148 | 6182 |
| 44. Leather goods and foot wear | 445 | 645 | 451 | 18899 | - | - | - | - |
| 45. Wood and products of wood | 2477 | 3592 | 2514 | 105246 | 3167 | 4257 | 2979 | 124730 |
| 46. Pulp, paper and paper products | - | - | - | - | 9752 | 13178 | 9222 | 386116 |
| 47. Publishing, printing and reproduction of recorded media | - | - | - | - | - | - | - | - |
| 48. Chemistry and chemical products | 2109 | 3058 | 2140 | 89599 | 8585 | 11558 | 8089 | 338650 |
| 49. Rubber and plastic products | 2031 | 2945 | 2061 | 86289 | 3140 | 4230 | 2960 | 123939 |
| 50. Other non-metallic mineral products | 7901 | 11456 | 8017 | 335661 | 21115 | 28447 | 19907 | 833497 |
| 51. Metallurgy | 3739 | 5422 | 3794 | 158865 | 206582 | 279422 | 195536 | 8187064 |
| 52. Metal products, machinery and equipment | 12889 | 18689 | 13078 | 547588 | 10347 | 13948 | 9760 | 408676 |
| 53. Furniture and other unclassified activities | 1806 | 2619 | 1833 | 76737 | - | - | - | - |
| 54. Waste recovering | 1860 | 2697 | 1887 | 79022 | - | - | - | - |
| 55. Water collection, treatment and distribution | 66157 | 95928 | 67129 | 2810690 | 26 | 35 | 24 | 1026 |
| 56. Construction | 176163 | 255436 | 178752 | 7484275 | 363 | 488 | 341 | 14298 |
| 57. Transport | 2229912 | 3233372 | 2262682 | 94737800 | 12361 | 16601 | 11617 | 486409 |
| 58. Households | - | - | - | - | 108577 | 146886 | 102789 | 4303760 |
| 59. Agriculture and Forestry | 107971 | 156558 | 109558 | 4587149 | 222 | 298 | 209 | 8731 |
| 60. Other economic activities | 168092 | 243733 | 170562 | 7141377 | 423 | 569 | 398 | 16672 |
| 61. Statistical difference | -27517 | -39899 | -27923 | -1169043 | -78682 | -107497 | -75225 | -3149664 |

| | Refinery Gas | | | | LPG | | | |
|--|----------------|----------------|----------------|-----------------|---------------|----------------|---------------|-----------------|
| | tonnes | tce | toe | GJ | tonnes | tce | toe | GJ |
| 1. Primary production (recovered products included) | - | - | - | - | - | - | - | - |
| 2. Imports | 5986 | 9834 | 6882 | 288136 | 58116 | 95476 | 66813 | 2797447 |
| 3. Opening stock | 5708 | 9378 | 6563 | 274775 | 9800 | 16101 | 11267 | 471759 |
| 4. TOTAL RESOURCES | 11694 | 19212 | 13445 | 562911 | 67916 | 111577 | 78080 | 3269206 |
| 5. Exports | 152324 | 250268 | 175135 | 7332852 | 75177 | 123515 | 86435 | 3618990 |
| 6. Bunkers | - | - | - | - | - | - | - | - |
| 7. Closing stock | - | - | - | - | 8348 | 13716 | 9598 | 401879 |
| 8. GROSS INLAND CONSUMPTION | -140630 | -231056 | -161690 | -6769941 | -15609 | -25654 | -17953 | -751663 |
| 9. Transformation input | 12361 | 20309 | 14212 | 595054 | 383 | 629 | 440 | 18430 |
| 10. Conventional thermal power stations | 9156 | 15043 | 10527 | 440760 | - | - | - | - |
| 11. Nuclear power stations | - | - | - | - | - | - | - | - |
| 12. Heat plants | 3205 | 5266 | 3685 | 154294 | 383 | 629 | 440 | 18430 |
| 13. Patent fuel plants | - | - | - | - | - | - | - | - |
| 14. Coke-oven plants | - | - | - | - | - | - | - | - |
| 15. Blast-furnace plants | - | - | - | - | - | - | - | - |
| 16. Refineries | - | - | - | - | - | - | - | - |
| 17. Other | - | - | - | - | - | - | - | - |
| 18. Transformation output | 1082123 | 1777928 | 1244176 | 52093290 | 657580 | 1080404 | 756056 | 31655837 |
| 19. Conventional thermal power stations | - | - | - | - | - | - | - | - |
| 20. Nuclear power stations | - | - | - | - | - | - | - | - |
| 21. Heat plants | - | - | - | - | - | - | - | - |
| 22. Patent fuel plants | - | - | - | - | - | - | - | - |
| 23. Coke-oven plants | - | - | - | - | - | - | - | - |
| 24. Blast-furnace plants | - | - | - | - | - | - | - | - |
| 25. Refineries | 1082123 | 1777928 | 1244176 | 52093290 | 657580 | 1080404 | 756056 | 31655837 |
| 26. Other | - | - | - | - | - | - | - | - |
| 27. TRANSFERS | - | - | - | - | - | - | - | - |
| 28. CONSUMPTION OF THE ENERGY SECTOR | 559768 | 919699 | 643596 | 26947181 | 178 | 293 | 205 | 8585 |
| 29. Coal mining and preparation | - | - | - | - | 34 | 56 | 39 | 1641 |
| 30. Hydrocarbons extraction and annexed services | 29841 | 49029 | 34310 | 1436550 | 4 | 7 | 5 | 205 |
| 31. Radioactive ores quarrying | - | - | - | - | - | - | - | - |
| 32. Crude oil processing, coal coking and nuclear fuel treatment | 529540 | 870034 | 608841 | 25491996 | - | - | - | - |
| 33. Electric and thermal energy production, transport and distribution | 387 | 636 | 445 | 18635 | 140 | 230 | 161 | 6739 |
| 34. Losses | 2724 | 4476 | 3132 | 131147 | - | - | - | - |
| 35. AVAILABLE FOR FINAL CONSUMPTION | 366640 | 602388 | 421546 | 17649967 | 641410 | 1053828 | 737458 | 30877159 |
| 36. Non-energy consumption | 295263 | 485117 | 339480 | 14213928 | - | - | - | - |
| 37. FINAL ENERGY CONSUMPTION | 226074 | 371440 | 259930 | 10883193 | 362297 | 595250 | 416551 | 17440825 |
| 38. Industry | 220833 | 362829 | 253904 | 10630890 | 33580 | 55171 | 38608 | 1616510 |
| 39. Mining of metal ores | - | - | - | - | 14 | 23 | 16 | 674 |
| 40. Other mining and quarrying | - | - | - | - | 14 | 23 | 16 | 674 |
| 41. Food, beverages and tobacco | 1 | 2 | 1 | 59 | 8393 | 13790 | 9650 | 404047 |
| 42. Textile and textile products | - | - | - | - | 599 | 984 | 689 | 28831 |
| 43. Textile fur and leather wearing apparel | - | - | - | - | 759 | 1247 | 873 | 36537 |
| 44. Leather goods and foot wear | - | - | - | - | 3248 | 5336 | 3734 | 156345 |
| 45. Wood and products of wood | - | - | - | - | 2 | 3 | 2 | 88 |
| 46. Pulp, paper and paper products | - | - | - | - | 95 | 156 | 109 | 4571 |
| 47. Publishing, printing and reproduction of recorded media | - | - | - | - | 3 | 5 | 3 | 147 |
| 48. Chemistry and chemical products | 220832 | 362827 | 253903 | 10630831 | 735 | 1208 | 845 | 35394 |
| 49. Rubber and plastic products | - | - | - | - | 555 | 912 | 638 | 26722 |
| 50. Other non-metallic mineral products | - | - | - | - | 12 | 20 | 14 | 586 |
| 51. Metallurgy | - | - | - | - | 69 | 113 | 79 | 3311 |
| 52. Metal products, machinery and equipment | - | - | - | - | 12598 | 20698 | 14484 | 606451 |
| 53. Furniture and other unclassified activities | - | - | - | - | 31 | 51 | 36 | 1494 |
| 54. Waste recovering | - | - | - | - | 25 | 41 | 29 | 1201 |
| 55. Water collection, treatment and distribution | - | - | - | - | 25 | 41 | 29 | 1201 |
| 56. Construction | - | - | - | - | 6403 | 10520 | 7362 | 308236 |
| 57. Transport | 42 | 69 | 48 | 2022 | 47750 | 78453 | 54901 | 2298673 |
| 58. Households | 5199 | 8542 | 5978 | 250281 | 200503 | 329424 | 230528 | 9652123 |
| 59. Agriculture and Forestry | - | - | - | - | 1014 | 1666 | 1166 | 48814 |
| 60. Other economic activities | - | - | - | - | 79450 | 130536 | 91348 | 3824705 |
| 61. Statistical difference | -154697 | -254169 | -177864 | -7447154 | 279113 | 458578 | 320907 | 13436334 |

| | Other Oil Product | | | | Natural Gas | | | |
|--|-------------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| | tonnes | tce | toe | GJ | th cm 15C | tce | toe | GJ |
| 1.Primary production (recovered products included) | | | | | 11961962 | 13627642 | 9536488 | 399289907 |
| 2. Imports | 415311 | 495396 | 346673 | 14515103 | 5259357 | 1485278 | 4232513 | 177214047 |
| 3. Opening stock | 286771 | 371556 | 260011 | 10886591 | 1299990 | 6048261 | 1039383 | 43518645 |
| 4. TOTAL RESOURCES | 702082 | 866952 | 606684 | 25401694 | 18521309 | 21161181 | 14808384 | 620022599 |
| 5. Exports | 119576 | 140156 | 98079 | 4106571 | - | - | - | - |
| 6. Bunkers | - | - | - | - | - | - | - | - |
| 7. Closing stock | 336696 | 440542 | 308287 | 12907882 | 1236273 | 1412479 | 988439 | 41385635 |
| 8. GROSS INLAND CONSUMPTION | 245810 | 286254 | 200318 | 8387241 | 17285036 | 19748702 | 13819945 | 578636964 |
| 9. Transformation input | 42873 | 58610 | 41014 | 1717274 | 5057154 | 5777950 | 4043352 | 169293935 |
| 10. Conventional thermal power stations | 2 | 3 | 2 | 88 | 2505704 | 2862842 | 2003388 | 83881271 |
| 11. Nuclear power stations | - | - | - | - | - | - | - | - |
| 12. Heat plants | 42871 | 58607 | 41012 | 1717186 | 2551450 | 2915108 | 2039964 | 85412664 |
| 13. Patent fuel plants | - | - | - | - | - | - | - | - |
| 14. Coke-oven plants | - | - | - | - | - | - | - | - |
| 15. Blast-furnace plants | - | - | - | - | - | - | - | - |
| 16. Refineries | - | - | - | - | - | - | - | - |
| 17. Other | - | - | - | - | - | - | - | - |
| 18. Transformation output | 1840696 | 2364645 | 1654755 | 69284100 | - | - | - | - |
| 19. Conventional thermal power stations | - | - | - | - | - | - | - | - |
| 20. Nuclear power stations | - | - | - | - | - | - | - | - |
| 21. Heat plants | - | - | - | - | - | - | - | - |
| 22. Patent fuel plants | - | - | - | - | - | - | - | - |
| 23. Coke-oven plants | - | - | - | - | - | - | - | - |
| 24. Blast-furnace plants | - | - | - | - | - | - | - | - |
| 25. Refineries | 1840696 | 2364645 | 1654755 | 69284100 | - | - | - | - |
| 26. Other | - | - | - | - | - | - | - | - |
| 27. TRANSFERS | - | - | - | - | - | - | - | - |
| 28. CONSUMPTION OF THE ENERGY SECTOR | 736060 | 965498 | 675647 | 28289092 | 1310932 | 1497778 | 1048131 | 43884896 |
| 29. Coal mining and preparation | 203 | 275 | 192 | 8058 | 1867 | 2133 | 1493 | 62497 |
| 30. Hydrocarbons extraction and annexed services | 195563 | 246584 | 172558 | 7224911 | 844926 | 965353 | 675544 | 227339 |
| 31. Radioactive ores quarrying | 30 | 41 | 29 | 1201 | 6791 | 7759 | 5430 | 28284843 |
| 32. Crude oil processing, coal coking and nuclear fuel treatment | 538485 | 716182 | 501177 | 20984133 | 371869 | 424871 | 297321 | 12448720 |
| 33. Electric and thermal energy production, transport and distribution | 1779 | 2416 | 1691 | 70789 | 85479 | 97662 | 68343 | 2861497 |
| 34. Losses | 44566 | 66773 | 46727 | 1956449 | 719043 | 821528 | 574897 | 24070770 |
| 35. AVAILABLE FOR FINAL CONSUMPTION | 1263007 | 1560018 | 1091685 | 45708526 | 10197907 | 11651446 | 8153565 | 341387363 |
| 36. Non-energy consumption | 297521 | 355812 | 248994 | 10425291 | 1510246 | 1725501 | 1207488 | 50557179 |
| 37. FINAL ENERGY CONSUMPTION | 968265 | 1176395 | 823232 | 34468377 | 9504059 | 10858674 | 7598794 | 318159148 |
| 38. Industry | 836791 | 1008039 | 705418 | 29535544 | 5235590 | 5981819 | 4186019 | 175267296 |
| 39. Mining of metal ores | 762 | 1034 | 724 | 30296 | 2307 | 2636 | 1845 | 77235 |
| 40. Other mining and quarrying | 1189 | 1613 | 1129 | 47261 | 7802 | 8914 | 6238 | 261180 |
| 41. Food, beverages and tobacco | 26528 | 36033 | 25215 | 1055768 | 746698 | 853125 | 597008 | 24996563 |
| 42. Textile and textile products | 1282 | 1740 | 1218 | 50982 | 69560 | 79474 | 55615 | 2328588 |
| 43. Textile fur and leather wearing apparel | 1725 | 2343 | 1640 | 68649 | 47041 | 53746 | 37611 | 1574758 |
| 44. Leather goods and foot wear | 213 | 302 | 211 | 8849 | 7368 | 8418 | 5891 | 246647 |
| 45. Wood and products of wood | 10 | 13 | 9 | 381 | 88914 | 101587 | 71090 | 2976499 |
| 46. Pulp, paper and paper products | - | - | - | - | 96995 | 110820 | 77551 | 3247026 |
| 47. Publishing, printing and reproduction of recorded media | 35 | 47 | 33 | 1377 | 42293 | 48321 | 33815 | 1415805 |
| 48. Chemistry and chemical products | 54419 | 81524 | 57050 | 2388654 | 1944423 | 2221562 | 1554627 | 65091767 |
| 49. Rubber and plastic products | 576 | 800 | 559 | 23441 | 137981 | 157647 | 110320 | 4619057 |
| 50. Other non-metallic mineral products | 636132 | 745055 | 521382 | 21830112 | 667819 | 763003 | 533942 | 22355988 |
| 51. Metallurgy | 92347 | 108271 | 75767 | 3172340 | 818360 | 935001 | 654304 | 27395529 |
| 52. Metal products, machinery and equipment | 3375 | 4560 | 3192 | 133608 | 395152 | 451473 | 315936 | 13228159 |
| 53. Furniture and other unclassified activities | 141 | 196 | 138 | 5742 | 36548 | 41757 | 29221 | 1223480 |
| 54. Waste recovering | 69 | 94 | 66 | 2754 | 756 | 864 | 605 | 25315 |
| 55. Water collection, treatment and distribution | 209 | 279 | 195 | 8175 | 12960 | 14807 | 10362 | 433845 |
| 56. Construction | 17779 | 24135 | 16890 | 707155 | 112613 | 128664 | 90038 | 3769855 |
| 57. Transport | 12717 | 17232 | 12059 | 504898 | 42040 | 48032 | 33612 | 1407338 |
| 58. Households | 67380 | 81676 | 57155 | 2393108 | 3197128 | 3652815 | 2556204 | 107027480 |
| 59. Agriculture and Forestry | 2859 | 3609 | 2526 | 105744 | 45820 | 52351 | 36635 | 1533884 |
| 60. Other economic activities | 48518 | 65839 | 46074 | 1929083 | 983481 | 1123657 | 786324 | 32923150 |
| 61. Statistical difference | -2779 | 27811 | 19459 | 814858 | -816398 | -932729 | -652717 | -27328964 |

| | Coke Gas | | | | Furnace Gas | | | |
|--|---------------|---------------|---------------|-----------------|----------------|---------------|---------------|-----------------|
| | th cm 15C | tce | toe | GJ | th cm 15C | tce | toe | GJ |
| 1.Primary production (recovered products included) | - | - | - | - | - | - | - | - |
| 2. Imports | - | - | - | - | - | - | - | - |
| 3. Opening stock | - | - | - | - | - | - | - | - |
| 4. TOTAL RESOURCES | - | - | - | - | - | - | - | - |
| 5. Exports | - | - | - | - | - | - | - | - |
| 6. Bunkers | - | - | - | - | - | - | - | - |
| 7. Closing stock | - | - | - | - | - | - | - | - |
| 8. GROSS INLAND CONSUMPTION | - | - | - | - | - | - | - | - |
| 9. Transformation input | 71337 | 36800 | 25753 | 1078240 | 656244 | 74372 | 52045 | 2179099 |
| 10. Conventional thermal power stations | 47482 | 24494 | 17141 | 717674 | 578142 | 65521 | 45851 | 1919765 |
| 11. Nuclear power stations | - | - | - | - | - | - | - | - |
| 12. Heat plants | 23855 | 12306 | 8612 | 360566 | 78102 | 8851 | 6194 | 259334 |
| 13. Patent fuel plants | - | - | - | - | - | - | - | - |
| 14. Coke-oven plants | - | - | - | - | - | - | - | - |
| 15. Blast-furnace plants | - | - | - | - | - | - | - | - |
| 16. Refineries | - | - | - | - | - | - | - | - |
| 17. Other | - | - | - | - | - | - | - | - |
| 18. Transformation output | 832931 | 429667 | 300677 | 12589243 | 7473126 | 846929 | 592672 | 24815020 |
| 19. Conventional thermal power stations | - | - | - | - | - | - | - | - |
| 20. Nuclear power stations | - | - | - | - | - | - | - | - |
| 21. Heat plants | - | - | - | - | - | - | - | - |
| 22. Patent fuel plants | - | - | - | - | - | - | - | - |
| 23. Coke-oven plants | 832931 | 429667 | 300677 | 12589243 | - | - | - | - |
| 24. Blast-furnace plants | - | - | - | - | 7473126 | 846929 | 592672 | 24815020 |
| 25. Refineries | - | - | - | - | - | - | - | - |
| 26. Other | - | - | - | - | - | - | - | - |
| 27. TRANSFERS | - | - | - | - | - | - | - | - |
| 28. CONSUMPTION OF THE ENERGY SECTOR | 427957 | 220762 | 154487 | 6468327 | 797140 | 90340 | 63219 | 2646962 |
| 29. Coal mining and preparation | - | - | - | - | - | - | - | - |
| 30. Hydrocarbons extraction and annexed services | - | - | - | - | - | - | - | - |
| 31. Radioactive ores quarrying | - | - | - | - | - | - | - | - |
| 32. Crude oil processing, coal coking and nuclear fuel treatment | 427957 | 220762 | 154487 | 6468327 | 465656 | 52773 | 36930 | 1546249 |
| 33. Electric and thermal energy production, transport and distribution | - | - | - | - | 331484 | 37567 | 26289 | 1100713 |
| 34. Losses | 21113 | 10891 | 7621 | 319106 | 325201 | 36855 | 25791 | 1079852 |
| 35. AVAILABLE FOR FINAL CONSUMPTION | 312524 | 161214 | 112816 | 4723570 | 5694541 | 645362 | 451617 | 18909107 |
| 36. Non-energy consumption | - | - | - | - | - | - | - | - |
| 37. FINAL ENERGY CONSUMPTION | 370909 | 191333 | 133893 | 5606057 | 5637953 | 638950 | 447130 | 18721235 |
| 38. Industry | 370850 | 191303 | 133872 | 5605178 | 5637938 | 638948 | 447129 | 18721176 |
| 39. Mining of metal ores | - | - | - | - | - | - | - | - |
| 40. Other mining and quarrying | - | - | - | - | - | - | - | - |
| 41. Food, beverages and tobacco | - | - | - | - | - | - | - | - |
| 42. Textile and textile products | - | - | - | - | - | - | - | - |
| 43. Textile fur and leather wearing apparel | - | - | - | - | - | - | - | - |
| 44. Leather goods and foot wear | - | - | - | - | - | - | - | - |
| 45. Wood and products of wood | - | - | - | - | - | - | - | - |
| 46. Pulp, paper and paper products | - | - | - | - | - | - | - | - |
| 47. Publishing, printing and reproduction of recorded media | - | - | - | - | - | - | - | - |
| 48. Chemistry and chemical products | - | - | - | - | - | - | - | - |
| 49. Rubber and plastic products | - | - | - | - | - | - | - | - |
| 50. Other non-metallic mineral products | - | - | - | - | 43409 | 4920 | 3443 | 144156 |
| 51. Metallurgy | 365302 | 188441 | 131869 | 5521321 | 5594529 | 634028 | 443686 | 18577020 |
| 52. Metal products, machinery and equipment | 5548 | 2862 | 2003 | 83857 | - | - | - | - |
| 53. Furniture and other unclassified activities | - | - | - | - | - | - | - | - |
| 54. Waste recovering | - | - | - | - | - | - | - | - |
| 55. Water collection, treatment and distribution | - | - | - | - | - | - | - | - |
| 56. Construction | - | - | - | - | - | - | - | - |
| 57. Transport | - | - | - | - | - | - | - | - |
| 58. Households | - | - | - | - | - | - | - | - |
| 59. Agriculture and Forestry | - | - | - | - | - | - | - | - |
| 60. Other economic activities | 59 | 30 | 21 | 879 | 15 | 2 | 1 | 59 |
| 61. Statistical difference | -58385 | -30119 | -21077 | -882487 | 56588 | 6412 | 4487 | 187872 |