

**PRESS RELEASE**

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Energetic Resources and Consumption in 2008

In 2008, the energetic resources and the final energetic consumption registered a slight increase compared to 2007, by 2.0% and by 1.1%, respectively.

The increase of the energetic resources was based on the production growth of the primary energy (+5.7%).

The final energetic consumption increased in transports (+13,9%) and mainly decreased in the tertiary sector (- 15.1%) and in industry (- 5.7%).

In 2008, the available **energy resources** amounted to 49.5 million tones crude oil equivalent ¹⁾ (coe tons), 971 thousand coe tons more (+2.0%) than in the preceding year, due to both the production increase of primary energy (+5.7%, +1561 thousand coe, respectively) and the stock growth on 1.I.2008 (+10.9%, +423 thousand coe, respectively), thus blotting the decrease of imports (-1013 thousand coe).

**The energetic resources, as structure and on main types,
in 2008, compared to 2007**

| | Year 2008 | 2008 compared to 2007 | |
|--|--------------|-----------------------|--------------|
| | Thousand coe | Thousand coe (±) | % |
| ENERGETIC RESOURCES - TOTAL | 49540 | +971 | 102,0 |
| out of which: | | | |
| - Primary energy production (the recovered energy included) | 28861 | +1561 | 105,7 |
| - Import | 16386 | -1013 | 94,2 |
| - Stock on 1.I.2008 | 4293 | +423 | 110,9 |
| • out of the primary energetic resources: | | | |
| - coal (coke excluded) | 10130 | -486 | 95.4 |
| - crude oil | 13398 | -509 | 96.3 |
| - expendable natural gas | 14045 | -92 | 99.3 |
| - imported coke | 520 | +40 | 108.3 |
| - hydroelectric, wind and nuclear- electric energy | 4233 | +969 | 129.7 |

¹⁾ Conventional fuel of 10000 kcal/kg calorific power

In 2008, the 28.9 million coe tons of **primary energy production** increases its weight (58.3%) in the total energy resources compared to the level registered in the previous year (56.2%).

The production of the main primary energy bearers in 2008 compared to 2007

| | Year 2008 | 2008 compared to 2007 | |
|---------------------------------|--------------|-----------------------|-------|
| | Thousand coe | Thousand coe (±) | % |
| - coal (coke excluded) | 7011 | +153 | 102.2 |
| • pit coal | 979 | +76 | 108.4 |
| • lignite and brown coal | 6032 | +77 | 101.3 |
| - crude oil | 4619 | -32 | 99.3 |
| - expendable natural gas | 8982 | -93 | 99.0 |
| - hydroelectric and wind energy | 1481 | +107 | 107.8 |

Compared to 2007, **the import of energy** decreased by 1013 thousand coe (-5.8%) in 2008 based on the import reduction of coal and coke, crude oil and natural gas which weight together 88.7% of the total imports.

The import of the main primary energy bearers in 2008 compared to 2007

| | Year 2008 | 2008 compared to 2007 | |
|--------------------------|--------------|-----------------------|-------|
| | Thousand coe | Thousand coe (±) | % |
| - coal + coke | 2550 | -951 | 72.8 |
| • coking pit coal | 1285 | -618 | 67.5 |
| - crude oil | 8417 | -114 | 98.7 |
| - expendable natural gas | 3567 | -337 | 91.4 |
| - oil products | 1656 | +375 | 129.3 |

The final energy consumption shows a slight increase in 2008 as to 2007 (+1.1%) based on the increase in transports (+13.9%), with a weight of 21.3% in the final energy consumption, and the increase of the population consumption (+7.0%). The consumption in industry (construction included) decreased compared to the previous year (-5.7%).

**The use of energy on main activities of the national economy
and on main industrial branches in 2008 compared to 2007**

| | Year 2008 | 2008 compared to 2007 | |
|--|--------------|--------------------------|--------------|
| | Thousand coe | Structure % | % |
| Used Energy - total: | 45433 | 100.0 | 103.0 |
| - consumption (waste included) ¹⁾ | 39799 | 87.6 | 101.6 |
| - export (bunkering included) | 5634 | 12.4 | 114.2 |
| Final Energy Consumption | 25303 | 100.0 | 101.1 |
| out of which: | | | |
| - Agriculture and forestry | 293 | 1.2 | 112.7 |
| - Industry (construction included) | 9415 | 37.2 | 94.3 |
| out of which in: | | | |
| • metallurgy | 2767 | 10.9 | 82.5 |
| • pharmaceutical and chemical substances and products, plastics and rubber products | 2829 | 11.2 | 113.7 |
| • industry of metallic constructions, machinery and equipments | 620 | 2.5 | 93.4 |
| • construction | 572 | 2.3 | 103.2 |
| - Transports | 5400 | 21.3 | 113.9 |
| - Other branches of the economy | 2106 | 8.3 | 84.9 |
| - Population | 8089 | 32.0 | 107.0 |

¹⁾ the statistical differences are not included

The energy export (bunkering included) of 5634 thousand coe increased by 14.2% compared to 2007, the oil products still having a determinant weight of over 90%. Out of the oil products, gasoline had the highest weight (45.6%).

In 2008, **the gross domestic consumption per inhabitant** was of 1851 kg crude oil equivalent, 1.8% more than in 2007.

METHODOLOGICAL EXPLANATION

1. The data source consists of the annual statistical surveys on the production of electric power and thermal energy, on the energy resources and their use, on the resources and consumption of the electric power, thermal energy, fuels, combustibles and lubricants. In addition, we use annual specialized statistical surveys with pre-established designation: The production of electric power and thermal energy in the nuclear-electric plants and The balance of the crude oil processing.

2. The report is based on a nomenclature made of 13400 units. The data collection is exhaustive for the units of the manufacturing industry of electric power and thermal energy and for the enterprises with more than 250 employees and the consumers in transports, construction and services with more than 50 employees, while for the rest of the units a representative sample is build up for the CAEN Rev.1 activities.

The data on the international trade of goods are collected as follows: for the extra-community trade from the Customs National Authority (CNA) that collects and processes the export and imports declarations and for the intra-community trade based on the Intrastat statistical declarations, collected by the NIS, from economic operators that had intra-community exchanges (in accordance with Law No. 422/2007) and based on the customs declarations related to the intra-community commercial exchanges provided by the CNA.

The energy consumption of the population has been completed with data obtained from the Family Budgets Survey of 2008, thus the quantities of fuels obtained in specific activities of the households of the population being included.

For more information see the statistical publication: "The Energetic Balance and the Energetic Equipment Structure in 2008" that will be issued on November 16, 2009

The next press release will be issued in October 2010