

| Luxembourg ktoe 2019 | Total | Solid fossil fuels | Manufac- tured gases | Peat and peat products | Oil shale and oil sands | Oil and petroleum products | Natural gas | Renewables and biofuels | Non- renewable waste | Nuclear heat | Heat | Electricity |
|--|---------|--------------------------|----------------------------|------------------------------|-------------------------------|----------------------------------|----------------|-------------------------------|----------------------------|-----------------|------|-------------|
| + Primary production | 232.4 | 0.0 | Z | 0.0 | 0.0 | 0.0 | 0.0 | 194.3 | 38.1 | 0.0 | 0.0 | Z |
| + Recovered & recycled products | 0.0 | 0.0 | Z | 0.0 | 0.0 | 0.0 | Z | 0.0 | Z | Z | Z | Z |
| + Imports | 4 418.0 | 42.6 | 0.0 | 0.0 | 0.0 | 2 964.8 | 684.1 | 140.3 | 0.0 | Z | 0.0 | 586.2 |
| - Exports | 99.5 | 0.0 | 0.0 | 0.0 | 0.0 | 4.5 | 0.0 | 14.2 | 0.0 | Z | 0.0 | 80.7 |
| + Change in stock | -11.2 | 0.0 | 0.0 | 0.0 | 0.0 | -10.9 | 0.0 | -0.3 | 0.0 | Z | Z | Z |
| = Gross available energy | 4 539.7 | 42.6 | 0.0 | 0.0 | 0.0 | 2 949.4 | 684.1 | 320.1 | 38.1 | 0.0 | 0.0 | 505.5 |
| - International maritime bunkers | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Z | Z | Z | Z |
| = Gross inland consumption | 4 539.7 | 42.6 | 0.0 | 0.0 | 0.0 | 2 949.4 | 684.1 | 320.1 | 38.1 | 0.0 | 0.0 | 505.5 |
| - International aviation | 600.6 | Z | Z | Z | Z | 600.6 | Z | 0.0 | Z | Z | Z | Z |
| = Total energy supply | 3 939.1 | 42.6 | 0.0 | 0.0 | 0.0 | 2 348.7 | 684.1 | 320.1 | 38.1 | 0.0 | 0.0 | 505.5 |
| Transformation input | 350.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 64.0 | 159.2 | 23.3 | 0.0 | 0.0 | 103.5 |
| + Electricity & heat generation | 347.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 64.0 | 156.1 | 23.3 | 0.0 | 0.0 | 103.5 |
| + Coke ovens | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Z | Z | Z | Z |
| + Blast furnaces | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Z | Z | Z | Z |
| + Gas works | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Z | Z | Z | Z |
| + Refineries & petrochemical industry | 0.0 | Z | Z | Z | Z | 0.0 | Z | Z | Z | Z | Z | Z |
| + Patent fuel plants | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Z | 0.0 | 0.0 | Z | Z | Z |
| + BKB & PB plants | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Z | Z | 0.0 | 0.0 | Z | Z | Z |
| + Coal liquefaction plants | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Z | Z | Z | Z | Z | Z | Z |
| + For blended natural gas | 3.1 | Z | 0.0 | Z | Z | 0.0 | Z | 3.1 | Z | Z | Z | Z |
| + Liquid biofuels blended | 0.0 | Z | Z | Z | Z | Z | Z | 0.0 | Z | Z | Z | Z |
| + Charcoal production plants | 0.0 | Z | Z | Z | Z | Z | Z | 0.0 | Z | Z | Z | Z |
| + Gas-to-liquids plants | 0.0 | Z | Z | Z | Z | Z | 0.0 | Z | Z | Z | Z | Z |
| + Not elsewhere specified | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Z | Z | Z |
| Transformation output | 263.3 | 0.0 | 0.0 | 0.0 | Z | 0.0 | 3.1 | 0.0 | Z | Z | 96.2 | 164.1 |
| + Electricity & heat generation | 260.2 | Z | Z | Z | Z | Z | Z | Z | Z | Z | 96.2 | 164.1 |
| + Coke ovens | 0.0 | 0.0 | 0.0 | Z | Z | Z | Z | Z | Z | Z | Z | Z |
| + Blast furnaces | 0.0 | 0.0 | 0.0 | Z | Z | Z | Z | Z | Z | Z | Z | Z |
| + Gas works | 0.0 | 0.0 | 0.0 | Z | Z | Z | Z | Z | Z | Z | Z | Z |
| + Refineries & petrochemical industry | 0.0 | Z | Z | Z | Z | 0.0 | Z | 0.0 | Z | Z | Z | Z |
| + Patent fuel plants | 0.0 | 0.0 | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z |
| + BKB & PB plants | 0.0 | 0.0 | Z | 0.0 | Z | Z | Z | Z | Z | Z | Z | Z |
| + Coal liquefaction plants | 0.0 | Z | Z | Z | Z | 0.0 | Z | Z | Z | Z | Z | Z |
| + Blended in natural gas | 3.1 | Z | Z | Z | Z | Z | 3.1 | Z | Z | Z | Z | Z |
| + Liquid biofuels blended | 0.0 | Z | Z | Z | Z | Z | Z | 0.0 | Z | Z | Z | Z |
| + Charcoal production plants | 0.0 | Z | Z | Z | Z | Z | Z | 0.0 | Z | Z | Z | Z |
| + Gas-to-liquids plants | 0.0 | Z | Z | Z | Z | 0.0 | Z | Z | Z | Z | Z | Z |
| + Not elsewhere specified | 0.0 | 0.0 | 0.0 | 0.0 | Z | 0.0 | Z | Z | Z | Z | Z | Z |
| Energy sector | 2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | Z | 0.0 | 2.7 |
| + Own use in electricity & heat genera | 2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | Z | 0.0 | 2.7 |
| + Coal mines | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Z | 0.0 | 0.0 |
| + Oil & natural gas extraction plants | 0.0 | Z | Z | Z | Z | 0.0 | 0.0 | 0.0 | Z | Z | 0.0 | 0.0 |
| + Patent fuel plants | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Z | Z | 0.0 | 0.0 | Z | 0.0 | 0.0 |
| + Coke ovens | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Z | 0.0 | 0.0 |
| + BKB & PB plants | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Z | Z | 0.0 | 0.0 | Z | 0.0 | 0.0 |
| + Gas works | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Z | 0.0 | 0.0 |
| + Blast furnaces | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Z | 0.0 | 0.0 |
| + Petroleum refineries (oil refineries) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Z | 0.0 | 0.0 |
| + Nuclear industry | 0.0 | Z | Z | Z | Z | Z | Z | Z | Z | Z | 0.0 | 0.0 |
| + Coal liquefaction plants | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Z | Z | Z | Z | Z | 0.0 | 0.0 |
| + Liquefaction & regasification plants (| 0.0 | Z | Z | Z | Z | Z | 0.0 | Z | Z | Z | 0.0 | 0.0 |
| + Gasification plants for biogas | 0.0 | Z | Z | Z | Z | Z | Z | 0.0 | 0.0 | Z | 0.0 | 0.0 |
| + Gas-to-liquids (GTL) plants | 0.0 | Z | Z | Z | Z | Z | 0.0 | Z | Z | Z | 0.0 | 0.0 |
| + Charcoal production plants | 0.0 | Z | Z | Z | Z | Z | Z | 0.0 | 0.0 | Z | 0.0 | 0.0 |
| + Not elsewhere specified (energy) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Z | 0.0 | 0.0 |
| Distribution losses | 24.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Z | 10.8 | 13.4 |
| Available for final consumption | 3 825.1 | 42.6 | 0.0 | 0.0 | 0.0 | 2 348.3 | 623.2 | 160.9 | 14.8 | 0.0 | 85.4 | 550.0 |
| Final non-energy consumption | 38.3 | 0.0 | 0.0 | 0.0 | 0.0 | 38.3 | 0.0 | 0.0 | Z | Z | Z | Z |
| Final energy consumption | 3 786.8 | 42.6 | 0.0 | 0.0 | 0.0 | 2 309.8 | 623.2 | 161.0 | 14.8 | Z | 85.4 | 550.0 |
| + Industry | 617.8 | 42.4 | 0.0 | 0.0 | 0.0 | 21.4 | 269.8 | 8.8 | 14.8 | Z | 0.5 | 260.1 |
| + Iron & steel | 329.8 | 3.4 | 0.0 | 0.0 | 0.0 | 1.3 | 145.3 | 0.0 | 0.0 | Z | 0.1 | 179.7 |
| + Chemical & petrochemical | 29.3 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 9.1 | 0.0 | 0.0 | Z | 0.0 | 19.0 |
| + Non-ferrous metals | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Z | 0.0 | 0.0 |
| + Non-metallic minerals | 141.6 | 34.6 | 0.0 | 0.0 | 0.0 | 3.8 | 71.1 | 5.4 | 14.8 | Z | 0.0 | 12.0 |
| + Transport equipment | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.1 | 0.0 | 0.0 | Z | 0.0 | 0.7 |
| + Machinery | 7.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 0.8 | 0.0 | 0.0 | Z | 0.0 | 4.2 |
| + Mining & quarrying | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 0.0 | 0.0 | 0.0 | Z | 0.0 | 0.5 |
| + Food, beverages & tobacco | 16.7 | 0.0 | 0.0 | 0.0 | 0.0 | 4.4 | 3.9 | 0.0 | 0.0 | Z | 0.0 | 8.4 |
| + Paper, pulp & printing | 2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.7 | 0.0 | 0.0 | Z | 0.0 | 2.0 |
| + Wood & wood products | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 3.4 | 0.0 | Z | 0.0 | 0.3 |
| + Construction | 22.1 | 4.4 | 0.0 | 0.0 | 0.0 | 4.5 | 2.9 | 0.0 | 0.0 | Z | 0.0 | 10.3 |
| + Textile & leather | 31.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 26.2 | 0.0 | 0.0 | Z | 0.3 | 5.0 |
| + Not elsewhere specified (industry) | 30.8 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 9.6 | 0.0 | 0.0 | Z | 0.1 | 18.0 |
| + Transport | 2 153.9 | 0.0 | 0.0 | 0.0 | 0.0 | 2 011.8 | 0.0 | 129.6 | 0.0 | Z | Z | 12.6 |
| + Rail | 15.3 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | Z | 0.0 | 0.0 | Z | Z | 12.3 |
| + Road | 2 138.4 | Z | Z | Z | Z | 2 008.6 | 0.0 | 129.6 | 0.0 | Z | Z | 0.3 |
| + Domestic aviation | 0.2 | Z | Z | Z | Z | 0.2 | Z | 0.0 | Z | Z | Z | Z |
| + Domestic navigation | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Z | 0.0 | 0.0 | Z | Z | Z |
| + Pipeline transport | 0.0 | Z | Z | Z | Z | 0.0 | 0.0 | 0.0 | Z | Z | Z | 0.0 |
| + Not elsewhere specified (transport) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Z | Z | 0.0 |
| + Other | 1 015.1 | 0.2 | 0.0 | 0.0 | 0.0 | 276.7 | 353.4 | 22.7 | 0.0 | Z | 84.9 | 277.3 |
| + Commercial & public services | 530.9 | 0.0 | 0.0 | 0.0 | 0.0 | 142.1 | 107.0 | 1.0 | 0.0 | Z | 84.9 | 195.9 |
| + Households | 461.3 | 0.2 | 0.0 | 0.0 | 0.0 | 116.7 | 246.3 | 19.3 | 0.0 | Z | 0.0 | 78.7 |
| + Agriculture & forestry | 22.9 | 0.0 | 0.0 | 0.0 | 0.0 | 17.8 | 0.0 | 2.3 | 0.0 | Z | 0.0 | 2.7 |
| + Fishing | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Z | 0.0 | 0.0 |
| + Not elsewhere specified (other) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Z | 0.0 | 0.0 |
| Statistical differences | 0.1 | -0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | -0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| Gross electricity production | 164.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16.5 | 140.9 | 6.7 | 0.0 | Z | Z |
| Gross heat production | 96.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 34.6 | 61.3 | 0.0 | 0.0 | Z | 0.0 |

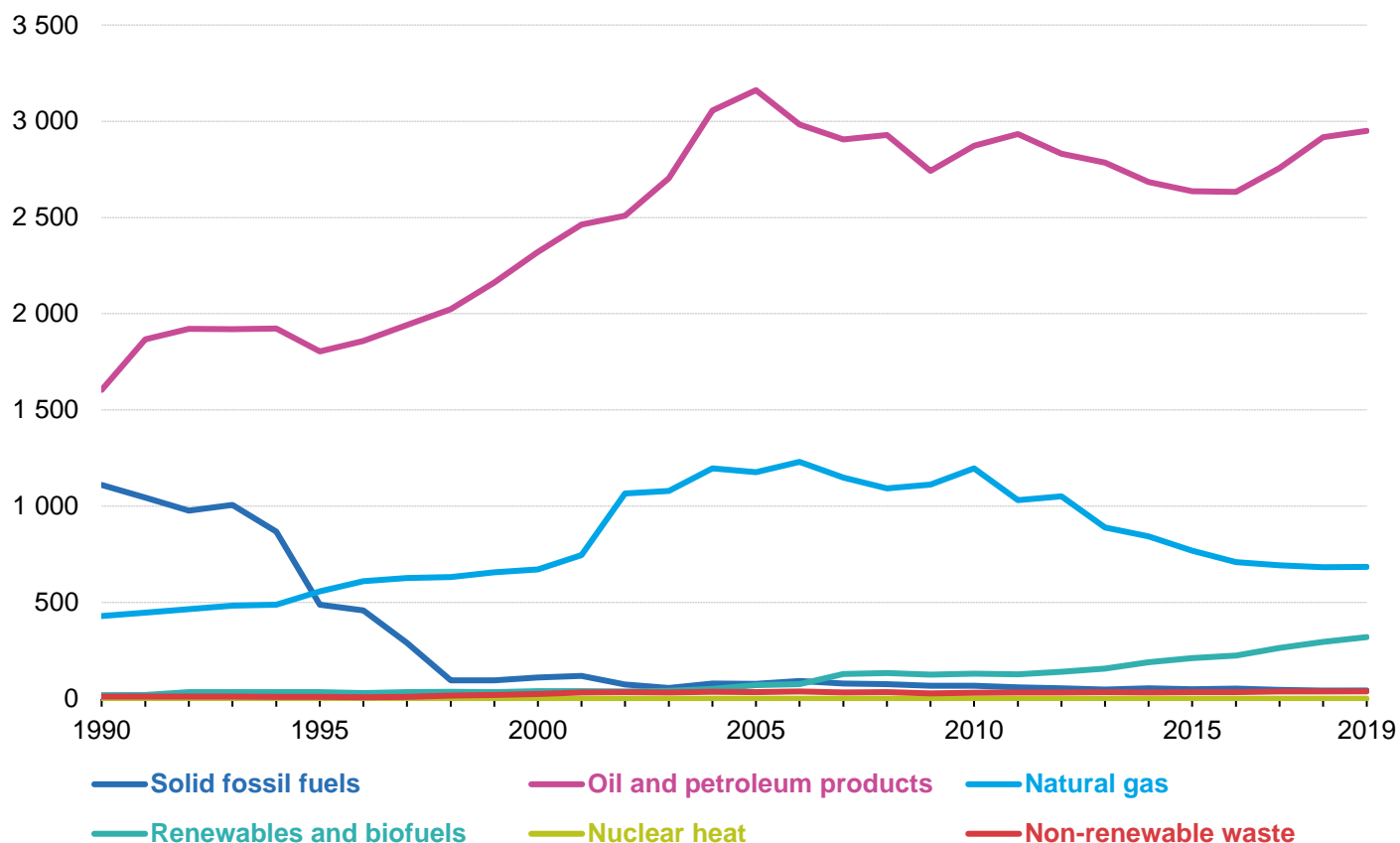
Source: Eurostat (nrg_bal_c)

| Luxembourg | ktoe | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
| Gross available energy | 4 570 | 4 461 | 4 337 | 4 224 | 4 180 | 4 194 | 4 327 | 4 505 | 4 540 |
| Solid fossil fuels | 58 | 54 | 48 | 53 | 49 | 52 | 45 | 42 | 43 |
| Peat & peat products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oil shale & oil sands | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Crude oil & other hydrocarbons | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Petroleum products | 2 934 | 2 831 | 2 784 | 2 684 | 2 637 | 2 633 | 2 756 | 2 917 | 2 949 |
| Natural gas | 1 032 | 1 051 | 890 | 843 | 769 | 709 | 693 | 684 | 684 |
| Nuclear heat | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Renewable energies | 127 | 139 | 156 | 190 | 210 | 224 | 264 | 295 | 320 |
| Non-renewable wastes | 32 | 32 | 34 | 33 | 34 | 34 | 37 | 38 | 38 |
| Primary production | 114 | 124 | 134 | 154 | 153 | 163 | 182 | 210 | 232 |
| Solid fossil fuels | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Peat | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oil shale and oil sands | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Crude oil & other hydrocarbons | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Natural gas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nuclear heat | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Renewable energies | 82 | 92 | 100 | 122 | 119 | 129 | 145 | 172 | 194 |
| Non-renewable wastes | 32 | 32 | 34 | 33 | 34 | 34 | 37 | 38 | 38 |
| Net imports | 4 446 | 4 350 | 4 213 | 4 077 | 4 009 | 4 033 | 4 138 | 4 287 | 4 319 |
| Solid fossil fuels | 58 | 54 | 48 | 53 | 49 | 52 | 45 | 42 | 43 |
| Crude oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gas/Diesel Oil (w/o bio) | 2 106 | 2 059 | 2 043 | 1 923 | 1 833 | 1 788 | 1 826 | 1 916 | 1 968 |
| Motor Gasoline (w/o bio) | 368 | 358 | 325 | 314 | 283 | 289 | 301 | 325 | 342 |
| Naphtha | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LPG | 11 | 11 | 11 | 11 | 11 | 11 | 10 | 9 | 10 |
| All other oil & petroleum products | 2 925 | 2 844 | 2 793 | 2 690 | 2 618 | 2 634 | 2 748 | 2 909 | 2 960 |
| Natural gas | 1 032 | 1 051 | 890 | 843 | 769 | 709 | 693 | 684 | 684 |
| Transformation input | 616 | 636 | 487 | 483 | 432 | 344 | 355 | 359 | 350 |
| Electricity & heat generation | 615 | 632 | 484 | 479 | 427 | 340 | 350 | 354 | 347 |
| Refinery intake | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Coke ovens | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Blast furnaces | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Transformation output | 396 | 406 | 330 | 319 | 299 | 252 | 263 | 269 | 263 |
| Electricity & heat generation | 395 | 402 | 326 | 315 | 294 | 247 | 258 | 264 | 260 |
| Refinery output | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Coke ovens | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Blast furnaces | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Energy sector | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 |
| Distribution losses | 18 | 18 | 18 | 18 | 19 | 19 | 20 | 21 | 24 |
| Available for final consumption | 3 926 | 3 838 | 3 785 | 3 634 | 3 569 | 3 572 | 3 638 | 3 776 | 3 825 |
| Solid fossil fuels | 58 | 54 | 48 | 53 | 49 | 52 | 45 | 42 | 43 |
| Manufactured gases | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Peat & peat products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oil shale & oil sands | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gas/Diesel Oil (w/o bio) | 2 111 | 2 044 | 2 032 | 1 916 | 1 840 | 1 791 | 1 834 | 1 921 | 1 954 |
| Motor Gasoline (w/o bio) | 369 | 359 | 327 | 315 | 293 | 285 | 301 | 328 | 343 |
| Naphtha | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LPG | 10 | 11 | 12 | 11 | 11 | 11 | 10 | 9 | 10 |
| All other oil & petroleum products | 2 530 | 2 458 | 2 410 | 2 278 | 2 178 | 2 124 | 2 181 | 2 302 | 2 348 |
| Natural gas | 601 | 611 | 601 | 575 | 602 | 633 | 624 | 623 | 623 |
| Primary solid biofuels & charcoal | 39 | 40 | 43 | 48 | 47 | 50 | 45 | 40 | 24 |
| Liquid biofuels | 47 | 48 | 55 | 70 | 83 | 89 | 113 | 123 | 129 |
| All other renewable energies | 93 | 96 | 106 | 126 | 139 | 149 | 165 | 172 | 161 |
| Non-renewable wastes | 14 | 14 | 15 | 15 | 14 | 13 | 14 | 15 | 15 |
| Electricity | 558 | 535 | 532 | 532 | 536 | 547 | 550 | 555 | 550 |
| Heat | 72 | 70 | 73 | 56 | 51 | 53 | 59 | 67 | 85 |
| Statistical difference | 1 | -1 | -1 | 0 | -1 | -2 | -1 | 0 | 0 |
| Final non-energy consumption | 36 | 41 | 37 | 35 | 33 | 36 | 34 | 40 | 38 |
| Final energy consumption | 3 889 | 3 799 | 3 749 | 3 599 | 3 537 | 3 538 | 3 605 | 3 736 | 3 787 |
| Industry | 725 | 679 | 647 | 657 | 646 | 674 | 623 | 633 | 618 |
| Transport | 2 308 | 2 207 | 2 166 | 2 087 | 1 959 | 1 908 | 1 968 | 2 102 | 2 154 |
| Other sectors | 856 | 913 | 936 | 856 | 933 | 956 | 1 014 | 1 001 | 1 015 |
| Services | 353 | 397 | 411 | 361 | 397 | 400 | 455 | 478 | 531 |
| Households | 478 | 491 | 499 | 469 | 511 | 527 | 534 | 500 | 461 |
| 2030 indicators | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
| Gross inland consumption | 4 568 | 4 459 | 4 335 | 4 222 | 4 177 | 4 190 | 4 326 | 4 504 | 4 538 |
| Primary energy consumption | 4 532 | 4 418 | 4 298 | 4 187 | 4 144 | 4 154 | 4 292 | 4 464 | 4 500 |
| Final energy consumption | 4 291 | 4 169 | 4 121 | 4 003 | 3 991 | 4 042 | 4 178 | 4 350 | 4 386 |

Source: Eurostat (nrg_bal_c)

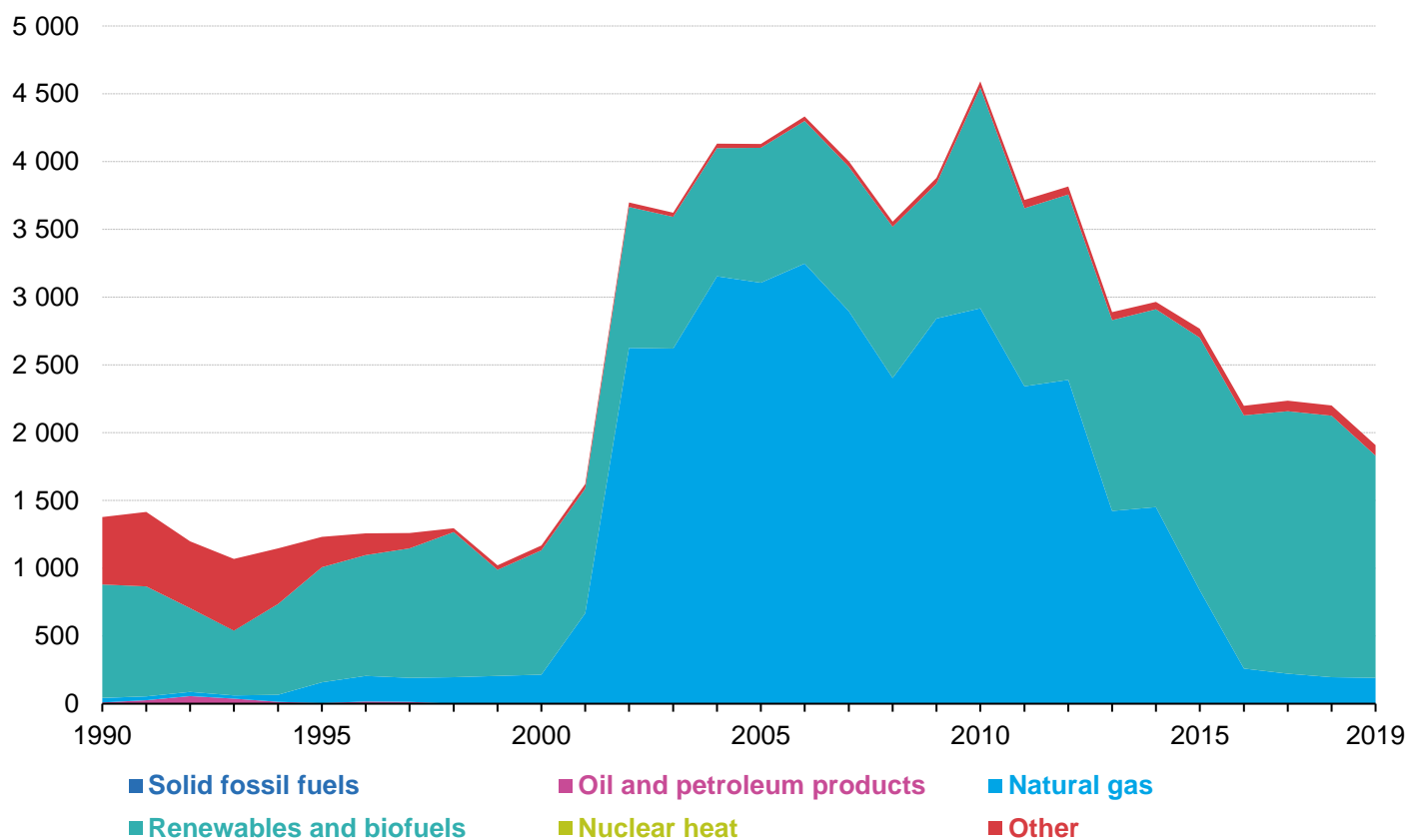
Luxembourg

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

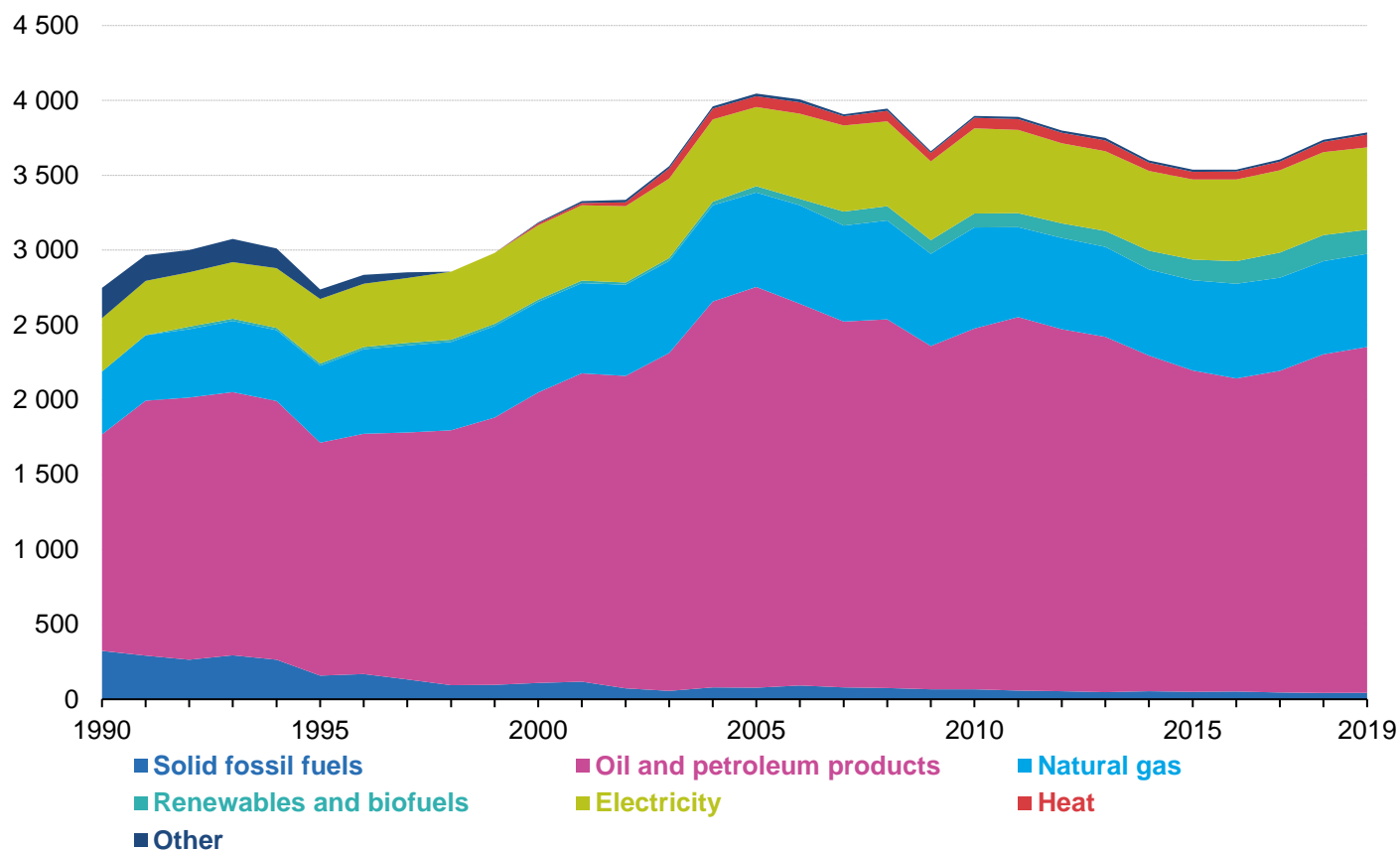
Gross electricity production by fuel, GWh



Source: Eurostat (nrg_bal_c)

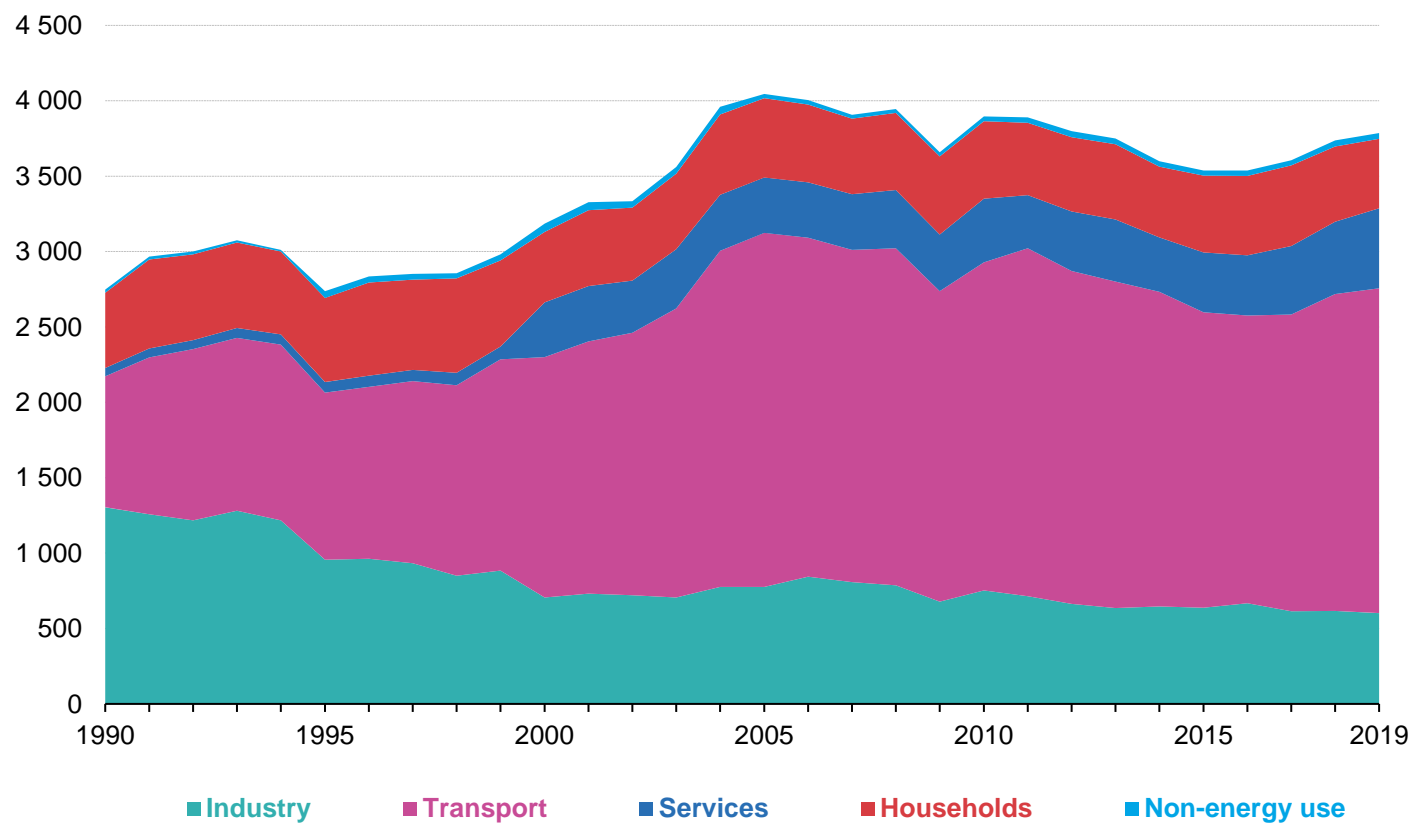
Luxembourg

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production

Luxembourg

| GWh | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020P |
|-------|-------|-------|-------|-------|-------|-------|---------|
| Total | 2 965 | 2 766 | 2 198 | 2 235 | 2 201 | 1 908 | 2 230 P |

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

| GWh | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020P |
|-------------------------|------|------|------|------|------|------|-------|
| Anthracite | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Coking coal | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Other bituminous coal | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Sub-bituminous coal | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Lignite | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Coke oven coke | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Patent fuel | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Brown coal briquettes | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Coal tar | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Peat | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Peat products | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Oil shale and oil sands | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Sub-total | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

| GWh | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020P |
|-----------------------|-------|------|------|------|------|------|-------|
| Natural gas | 1 451 | 838 | 258 | 221 | 195 | 192 | 175 P |
| Coke oven gas | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Gas works gas | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Blast furnace gas | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Other recovered gases | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Sub-total | 1 451 | 838 | 258 | 221 | 195 | 192 | 175 P |

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

| GWh | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020P |
|---------------------------|------|------|------|------|------|------|-------|
| Crude oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Refinery gas | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Liquefied petroleum gases | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Naphtha | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Kerosene-type jet fuel | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Other kerosene | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Gas oil and diesel oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Fuel oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Petroleum coke | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Bitumen | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Other oil products | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Sub-total | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

| GWh | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020P |
|---------------------------|-------|-------|-------|-------|-------|-------|---------|
| Hydro | 1 168 | 1 531 | 1 528 | 1 422 | 1 337 | 949 | 1 094 P |
| Geothermal | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Wind | 80 | 102 | 101 | 235 | 255 | 281 | 338 P |
| Solar thermal | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Solar photovoltaic | 95 | 104 | 100 | 108 | 120 | 130 | 178 P |
| Tide, wave, ocean | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Solid biofuels | 21 | 24 | 25 | 52 | 95 | 159 | 266 P |
| Liquid biofuels | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Biogases | 61 | 62 | 73 | 73 | 75 | 71 | 64 P |
| Renewable municipal waste | 34 | 40 | 42 | 47 | 47 | 47 | 43 P |
| Sub-total | 1 458 | 1 862 | 1 870 | 1 937 | 1 928 | 1 639 | 1 984 P |

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

| GWh | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020P |
|----------------------------------|------|------|------|------|------|------|-------|
| Industrial waste (non-renewable) | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Non-renewable municipal waste | 55 | 66 | 69 | 77 | 77 | 78 | 71 P |
| Sub-total | 55 | 66 | 69 | 77 | 77 | 78 | 71 P |

Source: Eurostat (nrg_ind_pehcf)

Other sources

| GWh | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020P |
|-------------------------------------|------|------|------|------|------|------|-------|
| Nuclear | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Heat from chemical sources | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Other fuels not elsewhere specified | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Sub-total | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

| kt | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020P |
|-------------------------|------|------|------|------|------|------|-------|
| Anthracite | 11 | 11 | 11 | 5 | 5 | 5 | 5 P |
| Coking coal | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Other bituminous coal | 74 | 62 | 70 | 63 | 59 | 59 | 61 P |
| Sub-bituminous coal | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Lignite | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Coke oven coke | 1 | 1 | 1 | 1 | 0 | 1 | 0 P |
| Patent fuel | 0 | 1 | 0 | 0 | 0 | 0 | 0 P |
| Brown coal briquettes | 4 | 9 | 8 | 9 | 9 | 9 | 9 P |
| Coal tar | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Peat | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Peat products | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Oil shale and oil sands | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

| TJ (GCV) | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020P |
|-----------------------|--------|--------|--------|--------|--------|--------|----------|
| Natural gas | 39 414 | 35 993 | 33 206 | 32 492 | 32 034 | 31 966 | 29 126 P |
| Coke oven gas | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Gas works gas | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Blast furnace gas | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Other recovered gases | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

| kt | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020P |
|-----------------|------|------|------|------|------|------|-------|
| Imports | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Refinery intake | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |

Source: Eurostat (nrg_cb_oil)

Oil products

| kt | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020P |
|------------------------|-------|-------|-------|-------|-------|-------|---------|
| Imports | 2 729 | 2 673 | 2 701 | 2 852 | 3 001 | 3 066 | 2 448 P |
| Export | 6 | 7 | 11 | 25 | 3 | 5 | 3 P |
| Total refinery output | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Gas oil and diesel oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Motor gasoline | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Fuel oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Naphtha | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Kerosene-type jet fuel | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| All other oil products | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

| | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020P |
|-----------------------------|-------|-------|-------|-------|-------|-------|---------|
| Primary solid biofuels [TJ] | 2 696 | 2 765 | 2 892 | 3 208 | 3 878 | 4 608 | 6 687 P |
| Charcoal [kt] | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Biogases [TJ] | 701 | 739 | 833 | 867 | 915 | 753 | 757 P |
| Pure biogasoline [kt] | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Pure biodiesels [kt] | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Other liquid biofuels [kt] | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

| TJ | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020P |
|----------------------------------|------|------|------|------|------|------|-------|
| Renewable municipal waste | 443 | 516 | 529 | 589 | 587 | 592 | 545 P |
| Non-renewable municipal waste | 728 | 849 | 871 | 968 | 965 | 975 | 896 P |
| Industrial waste (non-renewable) | 640 | 569 | 546 | 578 | 624 | 620 | 620 P |

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

| TJ | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020P |
|---------------------------|------|------|------|------|------|------|-------|
| Geothermal | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Solar thermal | 74 | 80 | 86 | 91 | 100 | 102 | 102 P |
| Ambinet heat (heat pumps) | 100 | 145 | 172 | 43 | 51 | 59 | 59 P |

Source: Eurostat (nrg_cb_rw)