

# **Bilan National de l'Energie de la Tunisie pour 2023 (Français, anglais, arabe) & Digramme de flux**

*Version 1 : juin 2024*

*Version 2 : novembre 2024*

## Bilan national de l'énergie 2023

### Tunisie 2023

| en 1000 tep                                    | Total tous produits | Pétrole brut | Liquides de gaz | Total Produits Pétroliers | Gaz de raffinage | GPL        | Essences   | Pétrole lampant | Jet fuels | Naphtha     | Gasoil       | Fuel oil    | PETCOKE    | Autres produits | Gaz Naturel  | Total Energies Renouvelables | Solaire thermique | Solaire photovoltaïque | Biomasse    | Energie éolienne | Energie hydraulique | Chaleur   | Electricité  |
|------------------------------------------------|---------------------|--------------|-----------------|---------------------------|------------------|------------|------------|-----------------|-----------|-------------|--------------|-------------|------------|-----------------|--------------|------------------------------|-------------------|------------------------|-------------|------------------|---------------------|-----------|--------------|
| Production primaire                            | 4 969               | 1 599        | 161             |                           |                  |            |            |                 |           |             |              |             |            |                 | 1 892        | 1 253                        | 64                | 42,3                   | 1117        | 29               | 1                   | 64        |              |
| Importation                                    | 8 206               | 796          |                 | 3787                      |                  | 562        | 688        |                 | 256       |             | 1 484        | 132         | 527        | 138             | 3 402        |                              |                   |                        |             |                  |                     |           | 222          |
| Variation des stocks                           | 8                   | -20          | 0               | 28                        |                  | 0,9        | 30         | -13,3           | -4        | -7,8        | -3           | 15          | 13         | -3              |              |                              |                   |                        |             |                  |                     |           |              |
| Exportations                                   | 1 894               | 1 344        | 48              | 496                       |                  |            |            |                 |           | 218         |              | 277         |            |                 |              |                              |                   |                        |             |                  |                     |           | 7            |
| Soutes internationales                         | 260                 |              |                 | 260                       |                  |            |            |                 | 254       |             | 6            |             |            |                 |              |                              |                   |                        |             |                  |                     |           |              |
| <b>Consommation intérieure brute</b>           | <b>11 030</b>       | <b>1 031</b> | <b>113</b>      | <b>3 059</b>              |                  | <b>563</b> | <b>718</b> | <b>-13</b>      | <b>-2</b> | <b>-226</b> | <b>1 475</b> | <b>-131</b> | <b>541</b> | <b>135</b>      | <b>5 295</b> | <b>1 253</b>                 | <b>64</b>         | <b>42</b>              | <b>1117</b> | <b>29</b>        | <b>1</b>            | <b>64</b> | <b>215</b>   |
| <b>Entrées en transformation</b>               | <b>5 137</b>        | <b>1 080</b> |                 | <b>12</b>                 |                  |            |            |                 |           |             | <b>0,4</b>   | <b>12</b>   |            |                 | <b>3 552</b> | <b>428</b>                   |                   |                        | <b>428</b>  |                  |                     | <b>64</b> |              |
| Centrales thermiques: activité principale      | 3 365               |              |                 | 0                         |                  |            |            |                 |           |             | 0,1          |             |            |                 | 3 365        |                              |                   |                        |             |                  |                     |           |              |
| Centrales thermiques: autoproduction           | 263                 |              |                 | 12                        |                  |            |            |                 |           |             | 0,3          | 11,6        |            |                 | 187          |                              |                   |                        |             |                  |                     | 64        |              |
| Raffineries                                    | 1 080               | 1 080        |                 |                           |                  |            |            |                 |           |             |              |             |            |                 |              |                              |                   |                        |             |                  |                     |           |              |
| production de charbon de bois                  | 428                 |              |                 |                           |                  |            |            |                 |           |             |              |             |            |                 |              | 428                          |                   |                        | 428         |                  |                     |           |              |
| <b>Sortie de transformation</b>                | <b>2 991</b>        |              |                 | <b>1 056</b>              | <b>5</b>         | <b>25</b>  | <b>34</b>  | <b>29</b>       |           | <b>226</b>  | <b>414</b>   | <b>314</b>  |            | <b>8</b>        |              | <b>176</b>                   |                   |                        | <b>176</b>  |                  |                     |           | <b>1 758</b> |
| Centrales thermiques: activité principale      | 1 647               |              |                 |                           |                  |            |            |                 |           |             |              |             |            |                 |              |                              |                   |                        |             |                  |                     |           | 1 647        |
| Centrales thermiques: autoproduction           | 111                 |              |                 |                           |                  |            |            |                 |           |             |              |             |            |                 |              |                              |                   |                        |             |                  |                     |           | 111          |
| Raffineries                                    | 1 056               |              |                 | 1 056                     | 5,3              | 25         | 34         | 29              |           | 226         | 414          | 314         |            | 8               |              |                              |                   |                        |             |                  |                     |           |              |
| production de charbon de bois                  | 176                 |              |                 |                           |                  |            |            |                 |           |             |              |             |            |                 | 176          |                              |                   |                        | 176         |                  |                     |           |              |
| <b>Echanges, transfer, restitutions</b>        | <b>10</b>           |              | <b>-105</b>     | <b>115</b>                |                  | <b>105</b> |            |                 |           |             |              |             |            | <b>10</b>       |              | <b>-72</b>                   |                   | <b>-41,9</b>           |             | <b>-29</b>       | <b>-1</b>           |           | <b>72</b>    |
| Echanges entre produits                        |                     |              | -105            | 105                       |                  | 105        |            |                 |           |             |              |             |            |                 |              | -72                          |                   | -41,9                  |             | -29              | -1                  |           | 72           |
| Produits transférés                            | 10                  |              |                 | 10                        |                  |            |            |                 |           |             |              |             |            | 10              |              |                              |                   |                        |             |                  |                     |           |              |
| Restitutions de la pétrochimie                 |                     |              |                 |                           |                  |            |            |                 |           |             |              |             |            |                 |              |                              |                   |                        |             |                  |                     |           |              |
| <b>Consommation de la branche Energie</b>      | <b>284</b>          |              | <b>4</b>        | <b>49</b>                 | <b>5,3</b>       |            |            |                 |           |             | <b>23</b>    | <b>21</b>   |            |                 | <b>165</b>   |                              |                   |                        |             |                  |                     |           | <b>66</b>    |
| <b>Pertes</b>                                  | <b>379</b>          | <b>11</b>    | <b>2</b>        |                           |                  |            |            |                 |           |             |              |             |            |                 |              |                              |                   |                        |             |                  |                     |           | <b>367</b>   |
| <b>Disponible pour consom. Finale</b>          | <b>8 231</b>        | <b>-59</b>   | <b>2</b>        | <b>4 169</b>              |                  | <b>693</b> | <b>753</b> | <b>16</b>       | <b>-2</b> | <b>0</b>    | <b>1 866</b> | <b>151</b>  | <b>541</b> | <b>153</b>      | <b>1 577</b> | <b>929</b>                   | <b>64</b>         | <b>0,43</b>            | <b>865</b>  |                  |                     |           | <b>1612</b>  |
| <b>Consommation finale non énergétique</b>     | <b>162</b>          |              |                 | <b>162</b>                |                  |            |            | <b>5</b>        |           |             |              |             |            | <b>156</b>      |              |                              |                   |                        |             |                  |                     |           |              |
| Chimie                                         |                     |              |                 |                           |                  |            |            |                 |           |             |              |             |            |                 |              |                              |                   |                        |             |                  |                     |           |              |
| Autres                                         | 162                 |              |                 | 162                       |                  |            |            | 5               |           |             |              |             |            | 156             |              |                              |                   |                        |             |                  |                     |           |              |
| <b>Consommation finale énergétique</b>         | <b>8 166</b>        |              |                 | <b>4 106</b>              |                  | <b>695</b> | <b>798</b> | <b>8</b>        | <b>4</b>  |             | <b>1 918</b> | <b>153</b>  | <b>532</b> |                 | <b>1 524</b> | <b>929</b>                   | <b>64</b>         | <b>0,43</b>            | <b>865</b>  |                  |                     |           | <b>1607</b>  |
| <b>Industrie</b>                               | <b>1 994</b>        |              |                 | <b>744</b>                |                  | <b>30</b>  |            |                 |           |             | <b>50</b>    | <b>132</b>  | <b>532</b> |                 | <b>758</b>   | <b>2,9</b>                   | <b>0,1</b>        |                        | <b>3</b>    |                  |                     |           | <b>489</b>   |
| Fabrications métalliques y compris sidérurgie  | 34                  |              |                 |                           |                  |            |            |                 |           |             |              |             |            | 6               |              |                              |                   |                        |             |                  |                     |           | 28           |
| Chimie                                         | 149                 |              |                 |                           |                  |            |            |                 |           |             |              |             |            | 80              |              |                              |                   |                        |             |                  |                     |           | 70           |
| Produits minéraux non métalliques              | 1 054               |              |                 | 532                       |                  |            |            |                 |           |             |              |             | 532        | 402             | 3            |                              |                   |                        | 3           |                  |                     |           | 118          |
| Extraction                                     | 31                  |              |                 |                           |                  |            |            |                 |           |             |              |             |            | 6               |              |                              |                   |                        |             |                  |                     |           | 24           |
| Alimentation, boisson, tabac                   | 178                 |              |                 |                           |                  |            |            |                 |           |             |              |             |            | 104             |              |                              |                   |                        |             |                  |                     |           | 75           |
| Textiles, cuir, habillement                    | 95                  |              |                 |                           |                  |            |            |                 |           |             |              |             |            | 53              | 0,1          | 0,1                          |                   |                        |             |                  |                     |           | 42           |
| Papier et imprimerie                           | 70                  |              |                 |                           |                  |            |            |                 |           |             |              |             |            | 49              |              |                              |                   |                        |             |                  |                     |           | 21           |
| Fabrications mécaniques et électriques         | 43                  |              |                 |                           |                  |            |            |                 |           |             |              |             |            |                 |              |                              |                   |                        |             |                  |                     |           | 43           |
| Autres industries                              | 339                 |              |                 | 212                       |                  | 30         |            |                 |           |             | 50           | 132         |            | 58              |              |                              |                   |                        |             |                  |                     |           | 69           |
| <b>Transport</b>                               | <b>2 618</b>        |              |                 | <b>2 297</b>              |                  | <b>10</b>  | <b>798</b> |                 | <b>4</b>  |             | <b>1486</b>  |             |            | <b>315</b>      |              |                              |                   |                        |             |                  |                     |           | <b>6</b>     |
| Ferroviales                                    | 14                  |              |                 | 10                        |                  |            |            |                 |           |             | 10           |             |            |                 |              |                              |                   |                        |             |                  |                     |           | 4            |
| Routes                                         | 2 283               |              |                 | 2 283                     |                  | 10         | 798        |                 |           |             | 1476         |             |            |                 |              |                              |                   |                        |             |                  |                     |           |              |
| Aériens                                        | 4                   |              |                 | 4                         |                  |            |            |                 | 4         |             |              |             |            |                 |              |                              |                   |                        |             |                  |                     |           |              |
| pipeline                                       | 316                 |              |                 |                           |                  |            |            |                 |           |             |              |             |            | 315             |              |                              |                   |                        |             |                  |                     |           | 2            |
| <b>Foyers domestiques, commerce, adm, etc.</b> | <b>3 555</b>        |              |                 | <b>1 065</b>              |                  | <b>655</b> |            | <b>8</b>        |           |             | <b>382</b>   | <b>21</b>   |            | <b>452</b>      | <b>926</b>   | <b>64</b>                    |                   | <b>0,43</b>            | <b>862</b>  |                  |                     |           | <b>1112</b>  |
| Foyers domestiques                             | 2 295               |              |                 | 628                       |                  | 614        |            | 8               |           |             | 6            |             |            | 235             | 904          | 60                           |                   |                        | 844         |                  |                     |           | 528          |
| commerce, adm, Hotels, etc.                    | 736                 |              |                 | 92                        |                  | 41         |            | 0               |           |             | 52           |             |            | 179             | 21           | 3,3                          |                   |                        | 18          |                  |                     |           | 443          |
| Agriculture et pêche                           | 524                 |              |                 | 345                       |                  |            | 0,00       |                 |           |             | 324          | 21          |            | 38              | 0,43         |                              |                   | 0,43                   |             |                  |                     |           | 142          |
| <b>Ecart statistique</b>                       | <b>-98</b>          | <b>-59</b>   | <b>2</b>        | <b>-99</b>                |                  | <b>-2</b>  | <b>-45</b> | <b>3</b>        | <b>-6</b> | <b>0</b>    | <b>-52</b>   | <b>-2</b>   | <b>9</b>   | <b>-3</b>       | <b>53</b>    | <b>0</b>                     |                   | <b>0</b>               | <b>0</b>    |                  |                     |           | <b>5</b>     |

## National Energy Balance 2023

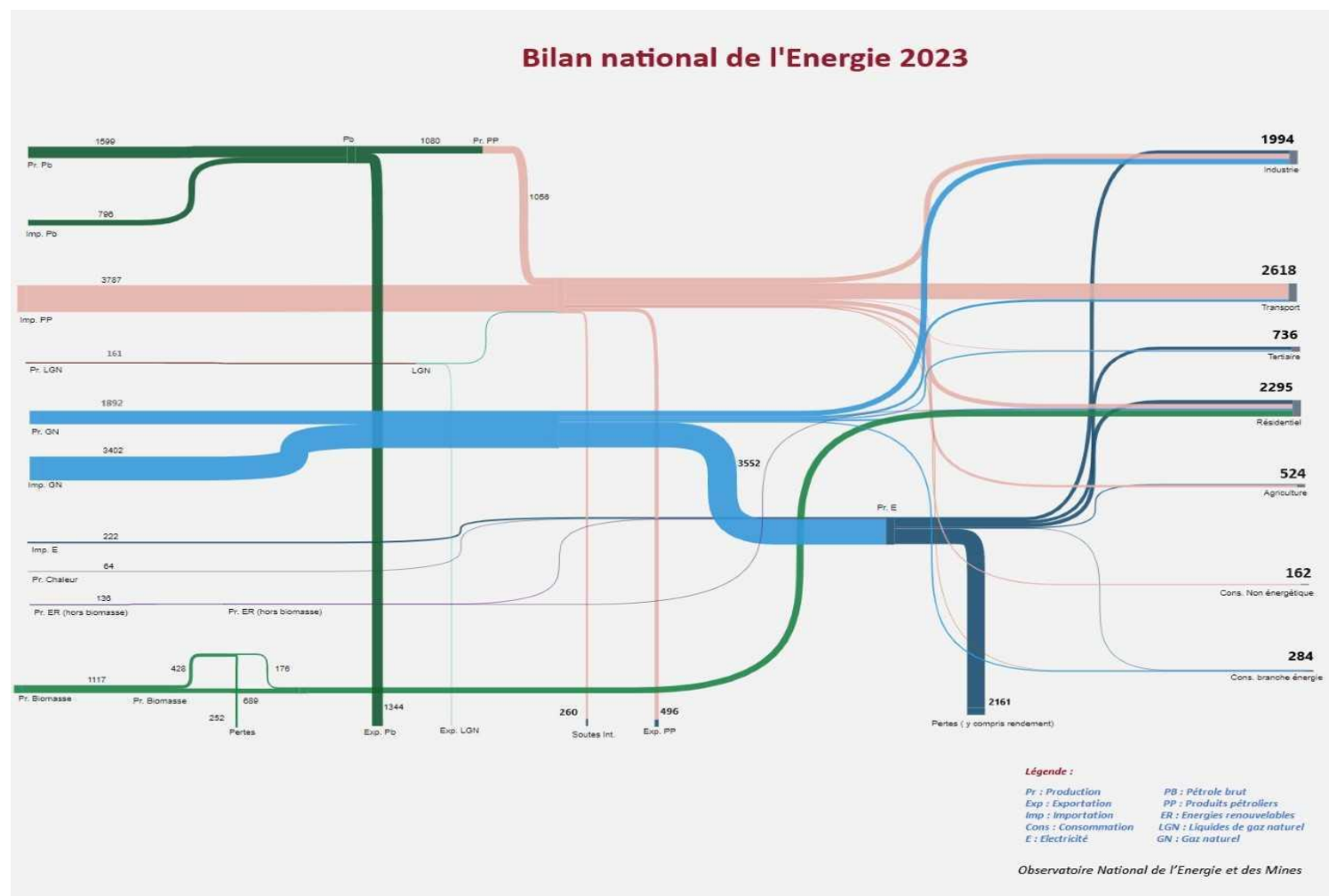
### Tunisia 2023

| in 1000 TOE                                    | Total all products | Crude oil | LGN  | Total pet. products | Refinery gas | LPG | Gasoline | Kerosene | Jet fuels | Naphtha | Gas / diesel oil | Fuel oil | PETCOKE | Other pet. products | Natural gas | Total renew. Energy | Solar Heat | Solar photovoltaic | Geothermal energy | Bio-mass | Wind energy | Hydro energy | Derived heat | Electrical energy |
|------------------------------------------------|--------------------|-----------|------|---------------------|--------------|-----|----------|----------|-----------|---------|------------------|----------|---------|---------------------|-------------|---------------------|------------|--------------------|-------------------|----------|-------------|--------------|--------------|-------------------|
|                                                | KTOE               |           |      |                     |              |     |          |          |           |         |                  |          |         |                     |             | KTOE                |            |                    |                   |          |             |              |              |                   |
| Primary production                             | 4 969              | 1 599     | 161  |                     |              |     |          |          |           |         |                  |          |         |                     | 1 892       | 1 253               | 64         | 42                 |                   | 1117     | 29          | 1            | 64           |                   |
| Imports                                        | 8 206              | 796       |      | 3787                |              | 562 | 688      |          | 256       |         | 1 484            | 132      | 527     | 138                 | 3 402       |                     |            |                    |                   |          |             |              |              | 222               |
| Stock change                                   | 8                  | -20       | 0    | 28                  |              | 0,9 | 30       | -13,3    | -4        | -8      | -3               | 15       | 13      | -3                  |             |                     |            |                    |                   |          |             |              |              |                   |
| Exports                                        | 1 894              | 1 344     | 48   | 496                 |              |     |          |          |           | 218     |                  | 277      |         |                     |             |                     |            |                    |                   |          |             |              |              | 7                 |
| Bunkers                                        | 260                |           |      | 260                 |              |     |          |          | 254       |         | 6                |          |         |                     |             |                     |            |                    |                   |          |             |              |              |                   |
| Gross inland consumption                       | 11 030             | 1 031     | 113  | 3 059               |              | 563 | 718      | -13      | -2        | -226    | 1 475            | -131     | 541     | 135                 | 5 295       | 1 253               | 64         | 42                 |                   | 1117     | 29          | 1            | 64           | 215               |
| Transformation input                           | 5 137              | 1 080     |      | 12                  |              |     |          |          |           |         | 0,4              | 11,6     |         |                     | 3 552       | 428                 |            |                    |                   | 428      |             |              | 64           |                   |
| thermal power stations: main activity          | 3 365              |           |      | 0                   |              |     |          |          |           |         | 0,1              |          |         |                     | 3 365       |                     |            |                    |                   |          |             |              |              |                   |
| thermal power stations: autoproduction         | 263                |           |      | 12                  |              |     |          |          |           |         | 0,3              | 12       |         |                     | 187         |                     |            |                    |                   |          |             |              | 64           |                   |
| Refineries                                     | 1 080              | 1 080     |      |                     |              |     |          |          |           |         |                  |          |         |                     |             |                     |            |                    |                   |          |             |              |              |                   |
| production of charcoal                         | 428                |           |      |                     |              |     |          |          |           |         |                  |          |         |                     | 428         |                     |            |                    |                   | 428      |             |              |              |                   |
| Transformation output                          | 2 991              |           |      | 1 056               | 5            | 25  | 34       | 29       |           | 226     | 414              | 314      |         | 8                   | 176         |                     |            |                    |                   | 176      |             |              |              | 1 758             |
| thermal power stations: main activity          | 1 647              |           |      |                     |              |     |          |          |           |         |                  |          |         |                     |             |                     |            |                    |                   |          |             |              |              | 1 647             |
| thermal power stations: autoproduction         | 111                |           |      |                     |              |     |          |          |           |         |                  |          |         |                     |             |                     |            |                    |                   |          |             |              |              | 111               |
| Refineries                                     | 1 056              |           |      | 1 056               | 5,3          | 25  | 34       | 29       |           | 226     | 414              | 314      |         | 8                   | 176         |                     |            |                    |                   | 176      |             |              |              |                   |
| production of charcoal                         | 176                |           |      |                     |              |     |          |          |           |         |                  |          |         |                     |             |                     |            |                    |                   |          |             |              |              |                   |
| Exchanges and transfers, returns               | 10                 |           | -105 | 115                 |              | 105 |          |          |           |         |                  |          |         | 10                  |             | -72                 |            | -41,9              |                   |          | -29         | -1           |              | 72                |
| Interproduct transfers                         |                    |           | -105 | 105                 |              | 105 |          |          |           |         |                  |          |         |                     |             | -72                 |            | -42                |                   |          | -29         | -1           |              | 72                |
| Products transferred                           | 10                 |           |      | 10                  |              |     |          |          |           |         |                  |          |         | 10                  |             |                     |            |                    |                   |          |             |              |              |                   |
| Returns from petrochem. industry               |                    |           |      |                     |              |     |          |          |           |         |                  |          |         |                     |             |                     |            |                    |                   |          |             |              |              |                   |
| Consumption of the energy branch               | 284                |           | 4    | 49                  | 5,3          |     |          |          |           |         | 23               | 21       |         |                     | 165         |                     |            |                    |                   |          |             |              |              | 66                |
| Losses                                         | 379                | 11        | 2    |                     |              |     |          |          |           |         |                  |          |         |                     |             |                     |            |                    |                   |          |             |              |              | 367               |
| Available for final consumption                | 8 231              | -59       | 2    | 4 168               |              | 693 | 753      | 16       | -2        | 0       | 1 866            | 151      | 541     | 153                 | 1 577       | 929                 | 64         | 0,43               |                   | 865      |             |              |              | 1 612             |
| Final non-energy consumption                   | 162                |           |      | 162                 |              |     |          | 5        |           |         |                  |          |         | 156                 |             |                     |            |                    |                   |          |             |              |              |                   |
| Chemical industry                              |                    |           |      |                     |              |     |          |          |           |         |                  |          |         |                     |             |                     |            |                    |                   |          |             |              |              |                   |
| Other sectors                                  | 162                |           |      | 162                 |              |     |          | 5        |           |         |                  |          |         | 156                 |             |                     |            |                    |                   |          |             |              |              |                   |
| Final energy consumption                       | 8 166              |           |      | 4 108               |              | 695 | 798      | 8        | 4         |         | 1 918            | 153      | 532     |                     | 1 524       | 929                 | 64         | 0,43               |                   | 865      |             |              |              | 1 607             |
| Industry                                       | 1 994              |           |      | 744                 |              | 30  |          |          |           |         | 50               | 132      | 532     |                     | 758         | 2,9                 | 0,1        |                    |                   | 3        |             |              |              | 489               |
| Metal industry including iron & steel industry | 34                 |           |      |                     |              |     |          |          |           |         |                  |          |         |                     | 6           |                     |            |                    |                   |          |             |              |              | 28                |
| Chemical industry                              | 149                |           |      |                     |              |     |          |          |           |         |                  |          |         |                     | 80          |                     |            |                    |                   |          |             |              |              | 70                |
| Non_Metallic Mineral products                  | 1 054              |           |      | 532                 |              |     |          |          |           |         |                  |          | 532     |                     | 402         | 3                   |            |                    |                   | 3        |             |              |              | 118               |
| Ore-extraction industry                        | 31                 |           |      |                     |              |     |          |          |           |         |                  |          |         |                     | 6           |                     |            |                    |                   |          |             |              |              | 24                |
| Food, drink & tobacco industry                 | 178                |           |      |                     |              |     |          |          |           |         |                  |          |         |                     | 104         |                     |            |                    |                   |          |             |              |              | 75                |
| Textile, leather & clothing industry           | 95                 |           |      |                     |              |     |          |          |           |         |                  |          |         |                     | 53          | 0,1                 | 0,1        |                    |                   |          |             |              |              | 42                |
| Paper and printing                             | 70                 |           |      |                     |              |     |          |          |           |         |                  |          |         |                     | 49          |                     |            |                    |                   |          |             |              |              | 21                |
| Mecanical and electrical equipments industry   | 43                 |           |      |                     |              |     |          |          |           |         |                  |          |         |                     |             |                     |            |                    |                   |          |             |              |              | 43                |
| Other industries                               | 339                |           |      | 212                 |              | 30  |          |          |           |         | 50               | 132      |         |                     | 58          |                     |            |                    |                   |          |             |              |              | 69                |
| Transport                                      | 2 618              |           |      | 2 297               |              | 10  | 798      |          | 4         |         | 1486             |          |         |                     | 315         |                     |            |                    |                   |          |             |              |              | 6                 |
| Railways                                       | 14                 |           |      | 10                  |              |     |          |          |           |         | 10               |          |         |                     |             |                     |            |                    |                   |          |             |              |              | 4                 |
| Road transport                                 | 2 283              |           |      | 2 283               |              | 10  | 798      |          |           |         | 1476             |          |         |                     |             |                     |            |                    |                   |          |             |              |              |                   |
| Air transport                                  | 4                  |           |      | 4                   |              |     |          |          | 4         |         |                  |          |         |                     |             |                     |            |                    |                   |          |             |              |              |                   |
| pipeline                                       | 316                |           |      |                     |              |     |          |          |           |         |                  |          |         |                     | 315         |                     |            |                    |                   |          |             |              |              | 2                 |
| Households, commerce, pub. auth., etc.         | 3 555              |           |      | 1 065               |              | 655 |          | 8        |           |         | 382              | 21       |         |                     | 452         | 926                 | 64         | 0,426              |                   | 862      |             |              |              | 1112              |
| Households                                     | 2 295              |           |      | 628                 |              | 614 |          | 8        |           |         | 6                |          |         |                     | 235         | 904                 | 60         |                    |                   | 844      |             |              |              | 528               |
| commerce, adm., Hotels, etc.                   | 736                |           |      | 92                  |              | 41  |          | 0        |           |         | 52               |          |         |                     | 179         | 21                  | 3          |                    |                   | 18       |             |              |              | 443               |
| Agriculture and peach                          | 524                |           |      | 345                 |              |     |          | 0        |           |         | 324              | 21       |         |                     | 38          | 0,43                |            | 0,43               |                   |          |             |              |              | 142               |
| Statistical difference                         | -98                | -59       | 2    | -99                 |              | -2  | -45      | 3        | -6        | 0       | -52              | -2       | 9       | -3                  | 53          | 0                   |            | 0                  |                   | 0        |             |              |              | 5                 |

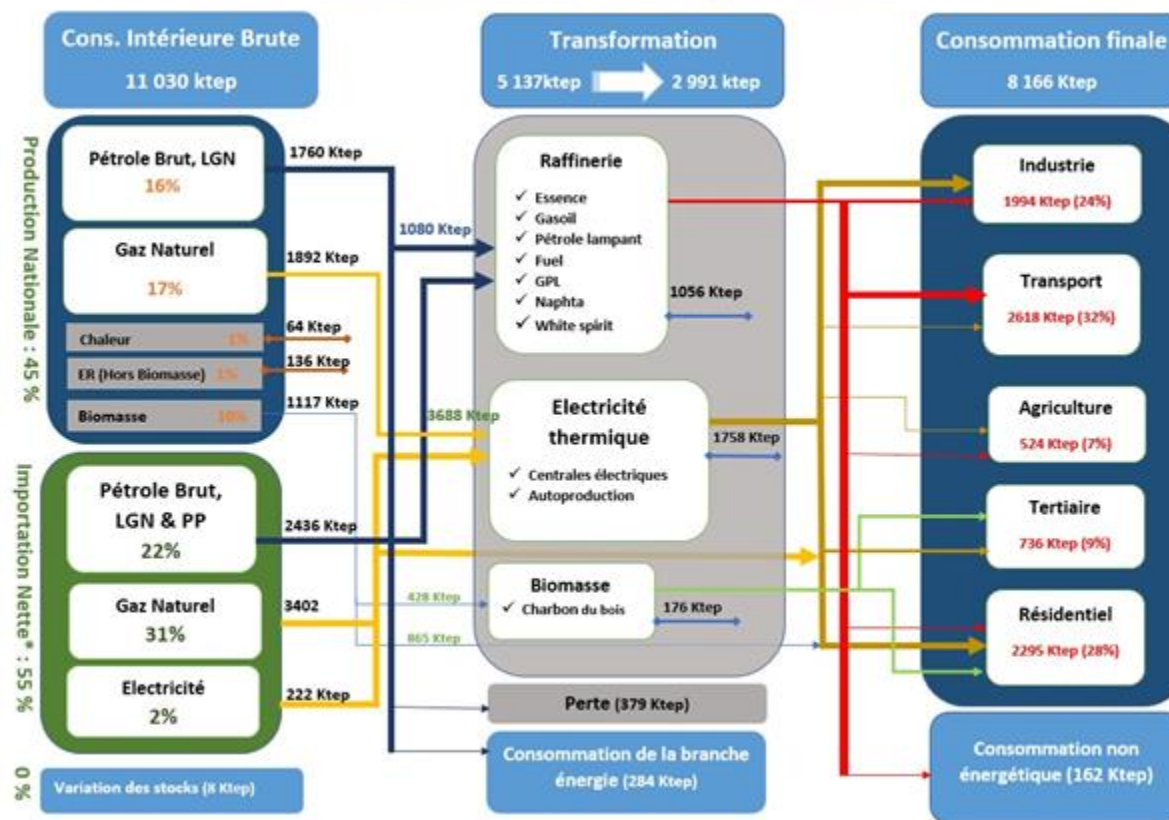
الميزان الوطني للطاقة لسنة 2023

تونس 2023

| بالآلاف طن.م.م | جميع المواد<br>الطاقة                     | نظ خام | سوائل الغاز<br>الطبيعي | مجموع المشتقات<br>التقطية | غاز المسافة | غاز البترول<br>المسيل | البترول<br>البنزين | بترول<br>البنزين | كبريتان<br>البنزين | نظفة  | غازات<br>أخرى | فحم<br>البترول | منتجات<br>نظفية<br>أخرى | غاز طبيعي | مجموع الطاقات<br>المتجددة | الطاقة الشمسية<br>الحرارية | الطاقة الشمسية<br>الفولطية | الطاقة الجوفية | الكتلة الحيوية | طاقة الرياح | الطاقة<br>الكهرمائية | الحرارة | الكهرباء |
|----------------|-------------------------------------------|--------|------------------------|---------------------------|-------------|-----------------------|--------------------|------------------|--------------------|-------|---------------|----------------|-------------------------|-----------|---------------------------|----------------------------|----------------------------|----------------|----------------|-------------|----------------------|---------|----------|
|                | أطنون                                     | 4 969  | 1 599                  | 161                       | 3 059       | 563                   | 718                | -13              | -2                 | -226  | 1 475         | -131           | 541                     | 135       | 5 295                     | 1 253                      | 64                         | 42             | 1 117          | 29          | 1                    | 64      | 222      |
|                | استيراد                                   | 8 206  | 796                    | 28                        | 3 787       | 562                   | 688                | 0,9              | -13,3              | -4    | 256           | 138            | 527                     | 132       | 3 402                     | 1 892                      |                            |                |                |             |                      |         |          |
|                | تغيرات في المخزون                         | 8      | -20                    | 0                         | 28          |                       |                    |                  |                    |       | -8            | 13             | 15                      | -3        |                           |                            |                            |                |                |             |                      |         |          |
|                | صناعات                                    | 1 894  | 1 344                  | 48                        | 496         |                       |                    |                  |                    |       |               | 277            |                         |           |                           |                            |                            |                |                |             |                      |         | 7        |
|                | التقل الوطني                              | 260    |                        |                           | 260         |                       |                    |                  |                    |       |               | 6              |                         |           |                           |                            |                            |                |                |             |                      |         |          |
|                | الاستهلاك الداخلي الخام                   | 11 030 | 1 031                  | 113                       | 3 059       | 563                   | 718                | -13              | -2                 | -226  | 1 475         | -131           | 541                     | 135       | 5 295                     | 1 253                      | 64                         | 42             | 1 117          | 29          | 1                    | 64      | 215      |
|                | التحويلات (الاستهلاك)                     | 5 137  | 1 080                  |                           | 12          |                       |                    |                  |                    |       | 0             | 11,6           |                         |           | 3 552                     | 428                        |                            |                |                |             |                      |         | 64       |
|                | محطات توليد الكهرباء : نشاط رئيسي         | 3 365  |                        |                           | 0           |                       |                    |                  |                    |       | 0             |                |                         |           | 3 365                     |                            |                            |                |                |             |                      |         |          |
|                | محطات التوليد الذاتي للكهرباء             | 263    |                        |                           | 12          |                       |                    |                  |                    |       | 0,3           | 12             |                         |           | 187                       |                            |                            |                |                |             |                      |         | 64       |
|                | معامل تكرير النفط                         | 1 080  | 1 080                  |                           |             |                       |                    |                  |                    |       |               |                |                         |           |                           | 428                        |                            |                |                |             |                      |         |          |
|                | الناتج الفحم                              | 428    |                        |                           |             |                       |                    |                  |                    |       |               |                |                         |           |                           | 428                        |                            |                |                |             |                      |         |          |
|                | التحويلات (الناتج)                        | 2 991  |                        |                           | 1 056       | 5,3                   | 25                 | 34               | 29                 | 226   | 414           | 314            | 8                       |           | 176                       | 176                        |                            |                |                |             |                      |         | 1758     |
|                | محطات توليد الكهرباء : نشاط رئيسي         | 1 647  |                        |                           |             |                       |                    |                  |                    |       |               |                |                         |           |                           |                            |                            |                |                |             |                      |         | 1647     |
|                | محطات التوليد الذاتي للكهرباء             | 111    |                        |                           |             |                       |                    |                  |                    |       |               |                |                         |           |                           |                            |                            |                |                |             |                      |         | 111      |
|                | معامل تكرير النفط                         | 1 056  |                        |                           |             |                       |                    |                  |                    |       |               |                |                         |           |                           |                            |                            |                |                |             |                      |         |          |
|                | الناتج الفحم                              | 176    |                        |                           |             |                       |                    |                  |                    |       |               |                |                         |           |                           |                            |                            |                |                |             |                      |         |          |
|                | تبادل، تحويل، إعادة استعمال               | 10     | -105                   | 115                       | 105         | 105                   |                    |                  |                    |       |               |                |                         | 10        | -72                       | -42                        | -29                        | -1             |                |             |                      |         | 72       |
|                | التحويل بين المنتجات                      |        |                        |                           | 105         |                       |                    |                  |                    |       |               |                |                         |           |                           |                            |                            |                |                |             |                      |         | 72       |
|                | إعادة استعمال                             | 10     |                        |                           | 10          |                       |                    |                  |                    |       |               |                |                         | 10        |                           |                            |                            |                |                |             |                      |         |          |
|                | إعادة استعمال المنتجات في القطاع البترولي |        |                        |                           |             |                       |                    |                  |                    |       |               |                |                         |           |                           |                            |                            |                |                |             |                      |         |          |
|                | استهلاك قطاع الطاقة                       | 284    | 4                      | 49                        | 5,3         |                       |                    |                  |                    |       | 23            | 21             | 165                     |           |                           |                            |                            |                |                |             |                      |         | 66       |
|                | ذلف                                       | 379    | 11                     | 2                         |             |                       |                    |                  |                    |       |               |                |                         |           |                           |                            |                            |                |                |             |                      |         | 367      |
|                | المناخ للاستهلاك النهائي                  | 8 231  | -59                    | 2                         | 4 169       | 693                   | 753                | 16               | -2                 | 0     | 1 866         | 151            | 541                     | 153       | 1 577                     | 929                        | 64                         | 0,43           | 865            |             |                      |         | 1612     |
|                | الاستهلاك النهائي للمنتجات الغير طاقة     | 162    |                        |                           | 162         |                       |                    |                  |                    |       | 5             |                |                         |           | 156                       |                            |                            |                |                |             |                      |         |          |
|                | قطاع البتروليومويات : الكيمياء            | 162    |                        |                           | 162         |                       |                    |                  |                    |       | 5             |                |                         |           | 156                       |                            |                            |                |                |             |                      |         |          |
|                | قطاع البتروليومويات : المنتجات الأخرى     |        |                        |                           |             |                       |                    |                  |                    |       |               |                |                         |           |                           |                            |                            |                |                |             |                      |         |          |
|                | الاستهلاك النهائي للطاقة                  | 8 166  |                        |                           | 4 106       | 695                   | 798                | 8                | 4                  | 1 918 | 153           | 532            | 758                     |           | 1 524                     | 929                        | 64                         | 0,43           | 865            |             |                      |         | 1 607    |
|                | قطاع الصناعة                              | 1 994  |                        |                           | 744         | 30                    |                    |                  |                    |       | 50            | 132            | 532                     |           | 758                       | 2,9                        | 0,1                        |                | 3              |             |                      |         | 489      |
|                | المعادن بما في ذلك الحديد والصلب          | 34     |                        |                           |             |                       |                    |                  |                    |       |               |                |                         |           | 60                        |                            |                            |                |                |             |                      |         | 28       |
|                | الصناعات الكيماوية                        | 149    |                        |                           |             |                       |                    |                  |                    |       |               |                |                         |           | 80                        |                            |                            |                |                |             |                      |         | 70       |
|                | المواد الغير معدنية                       | 1 054  |                        |                           | 532         |                       |                    |                  |                    |       |               |                | 532                     |           | 402                       | 3                          |                            |                | 3              |             |                      |         | 118      |
|                | استغلال المحاجر                           | 31     |                        |                           |             |                       |                    |                  |                    |       |               |                |                         |           | 6                         |                            |                            |                |                |             |                      |         | 24       |
|                | الصناعات الغذائية والتبغ                  | 178    |                        |                           |             |                       |                    |                  |                    |       |               |                |                         |           | 104                       |                            |                            |                |                |             |                      |         | 75       |
|                | الدمج والجلود                             | 95     |                        |                           |             |                       |                    |                  |                    |       |               |                |                         |           | 53                        | 0,1                        |                            |                |                |             |                      |         | 42       |
|                | الورق والطباعة                            | 70     |                        |                           |             |                       |                    |                  |                    |       |               |                |                         |           | 49                        |                            |                            |                |                |             |                      |         | 21       |
|                | الصناعات الميكانيكية و الالكترونية        | 43     |                        |                           |             |                       |                    |                  |                    |       |               |                |                         |           |                           |                            |                            |                |                |             |                      |         | 43       |
|                | صناعات أخرى                               | 339    |                        |                           | 212         | 30                    |                    |                  |                    |       |               |                |                         |           | 58                        |                            |                            |                |                |             |                      |         | 69       |
|                | النقل                                     | 2 618  |                        |                           | 2 297       | 10                    | 798                | 4                |                    | 1486  |               |                |                         |           | 315                       |                            |                            |                |                |             |                      |         | 6        |
|                | النقل بالسكك الحديدية                     | 14     |                        |                           | 10          |                       |                    |                  |                    |       |               |                |                         |           |                           |                            |                            |                |                |             |                      |         | 4        |
|                | البحري                                    | 2 283  |                        |                           | 2 283       | 10                    | 798                |                  |                    |       |               |                |                         |           | 1476                      |                            |                            |                |                |             |                      |         |          |
|                | الطيران الداخلي                           | 4      |                        |                           | 4           |                       |                    |                  |                    | 4     |               |                |                         |           |                           |                            |                            |                |                |             |                      |         |          |
|                | النقل عبر الأنابيب                        | 316    |                        |                           |             |                       |                    |                  |                    |       |               |                |                         |           | 315                       |                            |                            |                |                |             |                      |         | 2        |
|                | القطاع المنزلي، التجاري، الخدمات...       | 3 555  |                        |                           | 1 065       | 655                   |                    | 8                |                    |       | 382           | 21             |                         |           | 452                       | 926                        | 64                         | 0,43           | 862            |             |                      |         | 1112     |
|                | القطاع المنزلي                            | 2 295  |                        |                           | 628         | 614                   |                    |                  |                    |       | 6             |                |                         |           | 235                       | 904                        | 60                         |                | 844            |             |                      |         | 528      |
|                | القطاع التجاري و الخدمات                  | 736    |                        |                           | 92          | 41                    |                    |                  |                    |       | 52            |                |                         |           | 179                       | 21                         | 3                          |                | 18             |             |                      |         | 443      |
|                | الزراعة و الصيد البحري                    | 524    |                        |                           | 345         |                       |                    |                  |                    |       | 324           | 21             |                         |           | 38                        | 0,43                       |                            |                |                |             |                      |         | 142      |
|                | الفروقات الإحصائية                        | -98    | -59                    | 2                         | -99         | -2                    | -45                | 3                | -6                 | 0     | -52           | -2             | 9                       | -3        | 53                        | 0                          | 0                          | 0              | 0              |             |                      |         | 5        |



## Bilan National de l'Énergie 2023



\*Importations Nettes: Importations - Exportations - Soutes internationales

Observatoire National de l'Énergie et des Mines