

## Corrigendum: Clean Energy Transitions in North Africa

Issued: 21 October 2020

Link to report: <https://www.iea.org/reports/clean-energy-transitions-in-north-africa# covid-19-context>

On page 92, a row was missing ("Other sources" in the "Electricity generation mix" section), which caused incorrect data for the other indicators.

Replace this table

Energy data: Morocco						CAAGR	
	2000	2005	2010	2015	2018	2000-10	2010-18
Population (million)	29	30	32	35	36	1.2%	1.4%
GDP (billion USD 2015 prices and PPPs)	140	177	226	275	299	4.9%	3.5%
GDP per capita PPP (USD 2015 prices and PPPs)	4 850	5 821	6 998	7 942	8 289	3.7%	2.1%
<b>Total energy supply (TES) (Mtoe)</b>	<b>11</b>	<b>15</b>	<b>17</b>	<b>20</b>	<b>21</b>	<b>4.5%</b>	<b>2.4%</b>
<b>TFC (Mtoe)</b>	<b>9</b>	<b>11</b>	<b>13</b>	<b>15</b>	<b>16</b>	<b>4.5%</b>	<b>2.6%</b>
<i>By sector</i>							
Industry	2.2	2.5	2.9	3.1	3.3	2.8%	1.6%
Transport	2.7	3.3	4.5	5.3	6.0	5.2%	3.7%
Residential	2.1	3.0	3.3	3.8	4.0	4.6%	2.6%
Commerce and public services	0.8	1.3	1.1	1.2	1.3	3.8%	1.8%
Other*	0.5	0.7	0.9	1.1	1.2	6.4%	4.1%
Non-energy use	0.3	0.4	0.5	0.5	0.4	6.3%	-2.3%
<i>By fuel</i>							
Coal, peat and oil shale	0.5	0.0	0.0	0.0	0.0	-27.5%	-0.8%
Primary and secondary oil	5.7	7.5	9.6	11.1	12.1	5.4%	2.9%
Natural gas	0.0	0.0	0.0	0.1	0.1	1.7%	4.9%
Biofuels and waste	1.2	2.1	1.5	1.3	1.3	2.2%	-1.9%
Electricity	1.1	1.5	2.0	2.6	2.8	6.3%	4.1%
<b>Electricity generation mix (TWh)</b>	<b>12.9</b>	<b>19.3</b>	<b>23.7</b>	<b>30.8</b>	<b>35.5</b>	<b>6.3%</b>	<b>5.2%</b>
Coal, peat and oil shale	8.8	12.7	10.9	17.1	21.3	2.2%	8.8%
Primary and secondary oil	3.3	3.4	5.7	2.2	1.3	5.7%	-17.0%
Natural gas	-	2.0	3.0	5.8	5.2	n.a.	7.3%
Hydro	0.7	1.0	3.5	1.9	1.7	17.1%	-8.6%
Solar thermal	-	-	-	-	-	n.a.	n.a.
Solar PV, tide, wind, etc.	0.1	0.2	0.7	2.5	4.8	26.3%	28.1%
<b>Energy consumption per capita (toe per capita)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1.3</b>	<b>1.3</b>	<b>n.a.</b>	<b>n.a.</b>
<b>Energy intensity of economy (toe per 2015 USD PPP)</b>	<b>0.4</b>	<b>0.5</b>	<b>0.5</b>	<b>0.6</b>	<b>0.6</b>	<b>3.3%</b>	<b>1.0%</b>
<b>CO<sub>2</sub> emissions from fuel combustion (MtCO<sub>2</sub>)</b>	<b>79</b>	<b>84</b>	<b>75</b>	<b>71</b>	<b>69</b>	<b>-0.5%</b>	<b>-1.0%</b>
<b>CO<sub>2</sub> emissions per capita (tCO<sub>2</sub> per capita)</b>	<b>30</b>	<b>39</b>	<b>46</b>	<b>55</b>	<b>59</b>	<b>4.6%</b>	<b>3.0%</b>
<b>CO<sub>2</sub> emissions per GDP (kg CO<sub>2</sub> per USD 2015 prices and PPPs)</b>	<b>1.0</b>	<b>1.3</b>	<b>1.4</b>	<b>1.6</b>	<b>1.6</b>	<b>3.4%</b>	<b>1.6%</b>
<b>CO<sub>2</sub> emissions intensity of electricity production as an index of world in 2000</b>	<b>212</b>	<b>221</b>	<b>205</b>	<b>201</b>	<b>197</b>	<b>-0.3%</b>	<b>-0.5%</b>
World							
Africa	100	101	98	94	89	-0.2%	-1.2%
Morocco	124	120	117	113	108	-0.6%	-1.0%
	157	157	129	131	118	-1.9%	-1.2%

With this one:

Energy data: Morocco						CAAGR	
	2000	2005	2010	2015	2018	2000-10	2010-18
Population (million)	29	30	32	35	36	1.2%	1.4%
GDP (billion USD 2015 prices and PPPs)	140	177	226	275	299	4.9%	3.5%
GDP per capita PPP (USD 2015 prices and PPPs)	4 850	5 821	6 998	7 942	8 289	3.7%	2.1%
Total energy supply (TES) (Mtoe)	11	15	17	20	21	4.5%	2.4%
TFC (Mtoe)	9	11	13	15	16	4.5%	2.6%
<i>By sector</i>							
Industry	2.2	2.5	2.9	3.1	3.3	2.8%	1.6%
Transport	2.7	3.3	4.5	5.3	6.0	5.2%	3.7%
Residential	2.1	3.0	3.3	3.8	4.0	4.6%	2.6%
Commerce and public services	0.8	1.3	1.1	1.2	1.3	3.8%	1.8%
Other*	0.5	0.7	0.9	1.1	1.2	6.4%	4.1%
Non-energy use	0.3	0.4	0.5	0.5	0.4	6.3%	-2.3%
<i>By fuel</i>							
Coal, peat and oil shale	0.5	0.0	0.0	0.0	0.0	-27.5%	-0.8%
Primary and secondary oil	5.7	7.5	9.6	11.1	12.1	5.4%	2.9%
Natural gas	0.0	0.0	0.0	0.1	0.1	1.7%	4.9%
Biofuels and waste	1.2	2.1	1.5	1.3	1.3	2.2%	-1.9%
Electricity	1.1	1.5	2.0	2.6	2.8	6.3%	4.1%
<b>Electricity generation mix (TWh)</b>	<b>12.9</b>	<b>19.3</b>	<b>23.7</b>	<b>30.8</b>	<b>35.5</b>	<b>6.3%</b>	<b>5.2%</b>
Coal, peat and oil shale	8.8	12.7	10.9	17.1	21.3	2.2%	8.8%
Primary and secondary oil	3.3	3.4	5.7	2.2	1.3	5.7%	-17.0%
Natural gas	-	2.0	3.0	5.8	5.2	n.a.	7.3%
Hydro	0.7	1.0	3.5	1.9	1.7	17.1%	-8.6%
Solar thermal	-	-	-	-	-	n.a.	n.a.
Solar PV, tide, wind, etc.	0.1	0.2	0.7	2.5	4.8	26.3%	28.1%
Other sources	-	-	-	1.3	1.3	n.a.	n.a.
Energy consumption per capita (toe per capita)	0.4	0.5	0.5	0.6	0.6	3.3%	1.0%
Energy intensity of economy (toe per 2015 USD PPP)	79	84	75	71	69	-0.5%	-1.0%
CO <sub>2</sub> emissions from fuel combustion (MtCO <sub>2</sub> )	30	39	46	55	59	4.6%	3.0%
CO <sub>2</sub> emissions per capita (tCO <sub>2</sub> per capita)	1.0	1.3	1.4	1.6	1.6	3.4%	1.6%
CO <sub>2</sub> emissions per GDP (kg CO <sub>2</sub> per USD 2015 prices and PPPs)	212	221	205	201	197	-0.3%	-0.5%
CO <sub>2</sub> emissions intensity of electricity production as an index of world in 2000							
World	100	101	98	94	89	-0.2%	-1.2%
Africa	124	120	117	113	108	-0.6%	-1.0%
Morocco	157	157	129	131	118	-1.9%	-1.2%

On page 93, in the table

Energy Data: **Algeria** Tunisia.

**Algeria** Tunisia.

A row was missing ("Other sources" in the "Electricity generation mix" section), which caused incorrect data for the other indicators.

Replace this table

Energy data: <b>Algeria</b>						CAAGR	
	2000	2005	2010	2015	2018	2000-10	2010-18
Population (million)	10	10	11	11	12	0.9%	1.1%
GDP (billion USD 2015 prices and PPPs)	78	95	119	130	137	4.2%	1.8%
GDP per capita PPP (USD 2015 prices and PPPs)	8 081	9 397	11 151	11 599	11 849	3.3%	0.8%
Total energy supply (TES) (Mtoe)	7	8	10	11	11	3.5%	1.4%
TFC (Mtoe)	6	7	7	8	8	3.0%	1.6%
<i>By sector</i>							
Industry	1.6	2.0	2.0	2.2	2.2	2.5%	0.9%
Transport	1.3	1.5	2.3	2.2	2.6	5.7%	1.1%
Residential	1.5	1.9	1.8	2.1	2.2	1.7%	2.1%
Commerce and public services	0.5	0.6	0.6	0.6	0.7	2.0%	2.0%
Other*	0.4	0.4	0.4	0.5	0.5	1.0%	2.9%
Non-energy use	0.2	0.3	0.2	0.3	0.3	1.5%	4.6%
<i>By fuel</i>							
Coal, peat and oil shale	0.0	-	-	-	-	-100%	n.a.
Primary and secondary oil	3.3	4.0	3.9	4.3	4.5	1.5%	2.0%
Natural gas	0.6	0.8	1.5	1.3	1.6	9.3%	0.6%
Biofuels and waste	0.8	0.9	0.9	0.9	0.9	1.4%	-0.1%
Electricity	0.8	1.0	1.2	1.3	1.4	4.2%	2.5%
<b>Electricity generation mix (TWh)</b>	<b>10.6</b>	<b>12.7</b>	<b>16.4</b>	<b>19.7</b>	<b>21.0</b>	<b>4.4%</b>	<b>3.2%</b>
Coal, peat and oil shale	-	-	-	-	-	n.a.	n.a.
Primary and secondary oil	1.2	0.2	0.0	0.9	0.0	-43.6%	36.1%
Natural gas	9.3	12.3	15.7	18.0	20.0	5.4%	3.1%
Hydro	0.1	0.1	0.1	0.1	0.0	-2.4%	-12.9%
Solar thermal	-	-	-	-	-	n.a.	n.a.
Solar PV, tide, wind, etc.	0.0	0.0	0.1	0.5	0.6	19.8%	20.6%
<b>Energy consumption per capita (toe per capita)</b>	<b>-</b>	<b>-</b>	<b>0.5</b>	<b>0.2</b>	<b>0.3</b>	<b>n.a.</b>	<b>n.a.</b>
<b>Energy intensity of economy (toe per 2015 USD PPP)</b>	<b>0.8</b>	<b>0.8</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>2.5%</b>	<b>0.3%</b>
<b>CO<sub>2</sub> emissions from fuel combustion (MtCO<sub>2</sub>)</b>	<b>93</b>	<b>88</b>	<b>87</b>	<b>84</b>	<b>84</b>	<b>-0.7%</b>	<b>-0.4%</b>
<b>CO<sub>2</sub> emissions per capita (tCO<sub>2</sub> per capita)</b>	<b>18</b>	<b>19</b>	<b>23</b>	<b>26</b>	<b>26</b>	<b>2.8%</b>	<b>1.5%</b>
<b>CO<sub>2</sub> emissions per GDP (kg CO<sub>2</sub> per USD 2015 prices and PPPs)</b>	<b>1.8</b>	<b>1.9</b>	<b>2.2</b>	<b>2.3</b>	<b>2.3</b>	<b>1.9%</b>	<b>0.4%</b>
<b>CO<sub>2</sub> emissions intensity of electricity production as an index of world in 2000</b>	<b>225</b>	<b>205</b>	<b>196</b>	<b>198</b>	<b>191</b>	<b>-1.4%</b>	<b>-0.3%</b>
World							
Africa	100	101	98	94	89	-0.2%	-1.2%
<b>Algeria</b>	<b>124</b>	<b>120</b>	<b>117</b>	<b>113</b>	<b>108</b>	<b>-0.6%</b>	<b>-1.0%</b>
	108	88	90	87	80	-1.8%	-1.5%

With this one:

Energy data: Tunisia						CAAGR	
	2000	2005	2010	2015	2018	2000-10	2010-18
Population (million)	10	10	11	11	12	0.9%	1.1%
GDP (billion USD 2015 prices and PPPs)	78	95	119	130	137	4.2%	1.8%
GDP per capita PPP (USD 2015 prices and PPPs)	8 081	9 397	11 151	11 599	11 849	3.3%	0.8%
Total energy supply (TES) (Mtoe)	7	8	10	11	11	3.5%	1.4%
TFC (Mtoe)	6	7	7	8	8	3.0%	1.6%
<i>By sector</i>							
Industry	1.6	2.0	2.0	2.2	2.2	2.5%	0.9%
Transport	1.3	1.5	2.3	2.2	2.6	5.7%	1.1%
Residential	1.5	1.9	1.8	2.1	2.2	1.7%	2.1%
Commerce and public services	0.5	0.6	0.6	0.6	0.7	2.0%	2.0%
Other*	0.4	0.4	0.4	0.5	0.5	1.0%	2.9%
Non-energy use	0.2	0.3	0.2	0.3	0.3	1.5%	4.6%
<i>By fuel</i>							
Coal, peat and oil shale	0.0	-	-	-	-	-100%	n.a.
Primary and secondary oil	3.3	4.0	3.9	4.3	4.5	1.5%	2.0%
Natural gas	0.6	0.8	1.5	1.3	1.6	9.3%	0.6%
Biofuels and waste	0.8	0.9	0.9	0.9	0.9	1.4%	-0.1%
Electricity	0.8	1.0	1.2	1.3	1.4	4.2%	2.5%
<b>Electricity generation mix (TWh)</b>	<b>10.6</b>	<b>12.7</b>	<b>16.4</b>	<b>19.7</b>	<b>21.0</b>	<b>4.4%</b>	<b>3.2%</b>
Coal, peat and oil shale	-	-	-	-	-	n.a.	n.a.
Primary and secondary oil	1.2	0.2	0.0	0.9	0.0	-43.6%	36.1%
Natural gas	9.3	12.3	15.7	18.0	20.0	5.4%	3.1%
Hydro	0.1	0.1	0.1	0.1	0.0	-2.4%	-12.9%
Solar thermal	-	-	-	-	-	n.a.	n.a.
Solar PV, tide, wind, etc.	0.0	0.0	0.1	0.5	0.6	19.8%	20.6%
Other sources	-	-	0.5	0.2	0.3	n.a.	-6.3%
Energy consumption per capita (toe per capita)	0.8	0.8	1.0	1.0	1.0	2.5%	0.3%
Energy intensity of economy (toe per 2015 USD PPP)	93	88	87	84	84	-0.7%	-0.4%
CO <sub>2</sub> emissions from fuel combustion (MtCO <sub>2</sub> )	18	19	23	26	26	2.8%	1.5%
CO <sub>2</sub> emissions per capita (tCO <sub>2</sub> per capita)	1.8	1.9	2.2	2.3	2.3	1.9%	0.4%
CO <sub>2</sub> emissions per GDP (kg CO <sub>2</sub> per USD 2015 prices and PPPs)	225	205	196	198	191	-1.4%	-0.3%
CO <sub>2</sub> emissions intensity of electricity production as an index of world in 2000							
World	100	101	98	94	89	-0.2%	-1.2%
Africa	124	120	117	113	108	-0.6%	-1.0%
Tunisia	108	88	90	87	80	-1.8%	-1.5%