

**Annexure 1: Sub-pillar, pillar, WEF Nexus Index values and ranks per African nation**

| Country                  | Country code | Water-Access Sub-pillar | Water-Availability Sub-Pillar | Energy-Access Sub-Pillar | Energy-Availability Sub-Pillar | Food-Access Sub-Pillar | Food-Availability Sub-Pillar | Water Pillar | Energy Pillar | Food Pillar | WEF Nexus Index | Rank |
|--------------------------|--------------|-------------------------|-------------------------------|--------------------------|--------------------------------|------------------------|------------------------------|--------------|---------------|-------------|-----------------|------|
| Equatorial Guinea        | GNQ          | 41.8                    | 68.4                          | 56.8                     | -                              | 79.4                   | -                            | 55.1         | 56.8          | 79.4        | 63.7            | 44   |
| Seychelles               | SYC          | 78.0                    | 71.5                          | 63.2                     | -                              | 78.1                   | 14.8                         | 74.7         | 63.2          | 46.4        | 61.5            | 64   |
| Gabon                    | GAB          | 41.8                    | 74.4                          | 81.5                     | 52.9                           | 79.6                   | 25.7                         | 58.1         | 67.2          | 52.6        | 59.3            | 79   |
| Cabo Verde               | CPV          | 68.7                    | 43.4                          | 70.0                     | -                              | 81.0                   | 20.1                         | 56.0         | 70.0          | 50.6        | 58.9            | 82   |
| São Tomé and Príncipe    | STP          | 41.4                    | 88.9                          | 56.4                     | -                              | 80.9                   | 26.5                         | 65.2         | 56.4          | 53.7        | 58.4            | 85   |
| Mauritius                | MUS          | 84.2                    | 60.9                          | 69.3                     | 12.6                           | 85.4                   | 36.6                         | 72.6         | 41.0          | 61.0        | 58.2            | 89   |
| Cameroon                 | CMR          | 39.1                    | 69.5                          | 70.9                     | 50.6                           | 78.0                   | 28.4                         | 54.3         | 60.7          | 53.2        | 56.1            | 98   |
| Comoros                  | COM          | 42.1                    | 58.6                          | 74.9                     | -                              | 68.3                   | 16.4                         | 50.3         | 74.9          | 42.4        | 55.9            | 99   |
| South Africa             | ZAF          | 71.2                    | 39.6                          | 54.7                     | 60.6                           | 68.6                   | 35.9                         | 55.4         | 57.7          | 52.3        | 55.1            | 108  |
| Ghana                    | GHA          | 41.0                    | 53.2                          | 70.8                     | 50.8                           | 82.9                   | 30.8                         | 47.1         | 60.8          | 56.8        | 54.9            | 110  |
| Algeria                  | DZA          | 73.6                    | 28.7                          | 63.7                     | 53.4                           | 73.3                   | 36.4                         | 51.1         | 58.5          | 54.8        | 54.8            | 111  |
| Tunisia                  | TUN          | 78.2                    | 26.4                          | 67.4                     | 35.3                           | 74.1                   | 41.7                         | 52.3         | 51.3          | 57.9        | 53.8            | 117  |
| Egypt, Arab Rep.         | EGY          | 74.7                    | 10.1                          | 67.4                     | 54.2                           | 62.5                   | 48.3                         | 42.4         | 60.8          | 55.4        | 52.9            | 122  |
| Eswatini                 | SWZ          | 53.9                    | 38.6                          | 66.7                     | -                              | 71.9                   | 17.9                         | 46.3         | 66.7          | 44.9        | 52.6            | 124  |
| Guinea                   | GIN          | 30.3                    | 70.2                          | 57.0                     | -                              | 71.1                   | 23.4                         | 50.3         | 57.0          | 47.2        | 51.5            | 126  |
| Côte d'Ivoire            | CIV          | 38.5                    | 59.2                          | 61.0                     | 47.0                           | 73.5                   | 28.1                         | 48.9         | 54.0          | 50.8        | 51.2            | 129  |
| Libya                    | LBY          | 78.8                    | 19.6                          | 71.2                     | 54.5                           | 49.8                   | 32.2                         | 49.2         | 62.9          | 41.0        | 51.0            | 130  |
| Mali                     | MLI          | 47.4                    | 47.3                          | 49.5                     | -                              | 74.8                   | 34.5                         | 47.3         | 49.5          | 54.6        | 50.5            | 134  |
| Gambia, The              | GMB          | 44.8                    | 45.3                          | 56.6                     | -                              | 75.0                   | 23.9                         | 45.1         | 56.6          | 49.5        | 50.4            | 135  |
| Nigeria                  | NGA          | 38.2                    | 56.1                          | 62.4                     | 50.3                           | 69.2                   | 24.6                         | 47.2         | 56.3          | 46.9        | 50.1            | 136  |
| Morocco                  | MAR          | 73.6                    | 36.0                          | 69.7                     | 6.2                            | 74.8                   | 35.9                         | 54.8         | 38.0          | 55.4        | 49.4            | 139  |
| Congo, Rep.              | COG          | 31.1                    | 76.4                          | 62.5                     | 50.4                           | 63.2                   | 11.6                         | 53.8         | 56.4          | 37.4        | 49.2            | 141  |
| Lesotho                  | LSO          | 43.2                    | 46.2                          | 53.5                     | -                              | 73.3                   | 14.6                         | 44.7         | 53.5          | 43.9        | 47.4            | 144  |
| Kenya                    | KEN          | 40.0                    | 41.5                          | 69.9                     | 41.6                           | 74.1                   | 16.4                         | 40.8         | 55.8          | 45.2        | 47.3            | 145  |
| Senegal                  | SEN          | 53.9                    | 46.4                          | 56.2                     | 23.8                           | 80.4                   | 22.8                         | 50.1         | 40.0          | 51.6        | 47.3            | 146  |
| Rwanda                   | RWA          | 44.3                    | 51.1                          | 53.0                     | -                              | 66.1                   | 14.0                         | 47.7         | 53.0          | 40.1        | 46.9            | 147  |
| Angola                   | AGO          | 30.5                    | 61.2                          | 51.0                     | 50.7                           | 69.4                   | 18.4                         | 45.9         | 50.9          | 43.9        | 46.9            | 148  |
| Djibouti                 | DJI          | 59.5                    | 42.2                          | 51.2                     | -                              | 56.5                   | 20.2                         | 50.9         | 51.2          | 38.3        | 46.8            | 149  |
| Uganda                   | UGA          | 30.4                    | 55.4                          | 57.9                     | -                              | 63.2                   | 14.8                         | 42.9         | 57.9          | 39.0        | 46.6            | 150  |
| Sierra Leone             | SLE          | 21.8                    | 76.7                          | 47.1                     | -                              | 64.5                   | 22.2                         | 49.2         | 47.1          | 43.4        | 46.6            | 151  |
| Mozambique               | MOZ          | 33.9                    | 60.4                          | 54.9                     | 51.1                           | 63.8                   | 14.7                         | 47.2         | 53.0          | 39.3        | 46.5            | 152  |
| Togo                     | TGO          | 28.4                    | 51.5                          | 62.7                     | 40.2                           | 75.1                   | 19.8                         | 39.9         | 51.4          | 47.5        | 46.3            | 154  |
| Guinea-Bissau            | GNB          | 38.7                    | 60.8                          | 42.6                     | -                              | 69.4                   | 21.0                         | 49.8         | 42.6          | 45.2        | 45.8            | 155  |
| Malawi                   | MWI          | 44.0                    | 47.1                          | 48.3                     | -                              | 71.5                   | 15.7                         | 45.6         | 48.3          | 43.6        | 45.8            | 156  |
| Liberia                  | LBR          | 26.2                    | 78.3                          | 45.3                     | -                              | 61.0                   | 16.9                         | 52.3         | 45.3          | 38.9        | 45.5            | 158  |
| Zambia                   | ZMB          | 39.2                    | 56.9                          | 58.6                     | 47.5                           | 56.5                   | 14.1                         | 48.0         | 53.1          | 35.3        | 45.5            | 159  |
| Congo, Dem. Rep.         | COD          | 21.6                    | 74.0                          | 55.1                     | 49.2                           | 68.4                   | 4.3                          | 47.8         | 52.2          | 36.3        | 45.4            | 160  |
| Tanzania                 | TZA          | 33.5                    | 52.9                          | 50.8                     | 44.7                           | 68.3                   | 19.0                         | 43.2         | 47.8          | 43.7        | 44.9            | 162  |
| Ethiopia                 | ETH          | 16.0                    | 51.8                          | 68.4                     | 47.1                           | 69.3                   | 15.3                         | 33.9         | 57.7          | 42.3        | 44.7            | 163  |
| Benin                    | BEN          | 41.6                    | 51.1                          | 44.3                     | 26.5                           | 77.1                   | 25.2                         | 46.4         | 35.4          | 51.2        | 44.3            | 164  |
| Burundi                  | BDI          | 38.8                    | 50.6                          | 47.1                     | -                              | 67.0                   | 9.6                          | 44.7         | 47.1          | 38.3        | 43.4            | 165  |
| Zimbabwe                 | ZWE          | 49.7                    | 39.3                          | 55.7                     | 43.7                           | 57.3                   | 10.7                         | 44.5         | 49.7          | 34.0        | 42.7            | 167  |
| Central African Republic | CAF          | 28.5                    | 68.3                          | 50.0                     | -                              | 46.1                   | 12.2                         | 48.4         | 50.0          | 29.2        | 42.5            | 168  |
| Namibia                  | NAM          | 54.4                    | 42.8                          | 60.3                     | 16.4                           | 65.2                   | 14.4                         | 48.6         | 38.4          | 39.8        | 42.3            | 169  |
| Burkina Faso             | BFA          | 39.2                    | 41.1                          | 37.3                     | -                              | 73.7                   | 24.5                         | 40.2         | 37.3          | 49.1        | 42.2            | 170  |
| Botswana                 | BWA          | 55.2                    | 38.5                          | 48.0                     | 32.0                           | 59.9                   | 17.1                         | 46.8         | 40.0          | 38.5        | 41.8            | 171  |
| Mauritania               | MRT          | 47.3                    | 19.5                          | 42.4                     | -                              | 68.5                   | 29.5                         | 33.4         | 42.4          | 49.0        | 41.6            | 172  |
| Sudan                    | SDN          | 37.2                    | 24.5                          | 54.7                     | 50.4                           | 59.6                   | 20.8                         | 30.9         | 52.5          | 40.2        | 41.2            | 173  |
| Madagascar               | MDG          | 23.6                    | 65.3                          | 46.2                     | -                              | 49.4                   | 13.1                         | 44.5         | 46.2          | 31.3        | 40.6            | 175  |
| Niger                    | NER          | 27.7                    | 32.9                          | 35.1                     | 50.0                           | 70.8                   | 23.8                         | 30.3         | 42.6          | 47.3        | 40.1            | 176  |

|             |     |      |      |      |      |      |      |      |      |      |      |     |
|-------------|-----|------|------|------|------|------|------|------|------|------|------|-----|
| Somalia     | SOM | 11.8 | 29.1 | 54.2 | -    | 67.1 | 7.6  | 20.4 | 54.2 | 37.4 | 37.3 | 178 |
| Chad        | TCD | 18.4 | 44.2 | 39.4 | -    | 55.5 | 14.5 | 31.3 | 39.4 | 35.0 | 35.3 | 179 |
| South Sudan | SSD | 24.4 | 52.8 | 24.2 | 50.0 | 22.7 | 11.2 | 38.6 | 37.1 | 17.0 | 30.9 | 180 |
| Eritrea     | ERI | 2.3  | 29.3 | 42.1 | 38.8 | 58.5 | 2.7  | 15.8 | 40.5 | 30.6 | 29.0 | 181 |