## Environmental data – Reykjavik Energy Group 2015-2018

The following table provides an overview of greenhouse gas emissions of the Reykjavik Energy Group in 2015 to 2018, as well as other information on environmental data like energy consumption, waste and other performance figures.

| Greenhouse gas emissions   LCO <sub>2</sub> eq   52.102   43.903   40.386   43.509     Scope 1'   LCO <sub>2</sub> eq   52.102   43.903   0   0   0     Scope 2'   -   1,113   1,110   1,107   54.509   54.512   54.554   54.568     Mitgation by land restoration   tCO <sub>2</sub> eq   72.009   45.5012   41.554   54.568     Thare of welland reclamation via Voltencides/giving   tCO <sub>2</sub> eq   67.124   40.198   56.571   39.199     Carbon intensity or unit of revenue   tCO <sub>2</sub> eq/SK bn   1,777   1,087   944   963     Carbon intensity per unit of produced electricity   GO-2eq/Wh   9.8   8.3   7.5   7.4     Carbon intensity per unit of forduced electricity   g CO-2eq/Wh   9.8   8.3   7.5   7.4     Carbon intensity per unit of distributed electricity   g CO-2eq/Wh   9.8   8.3   7.5   7.4     Carbon intensity per unit of distributed hot water   g CO-2eq/Wh   0.8   0.7   0.9     Velighted averanesity for tot water   g CO-2eq/Wh <th>KEY PERFORMANCE INDICATOR</th> <th>UNIT</th> <th>2015</th> <th>2016</th> <th>2017</th> <th>2018</th>  | KEY PERFORMANCE INDICATOR                            | UNIT                       | 2015        | 2016        | 2017        | 2018        |
|---|--|----------------------------|-------------|-------------|-------------|-------------|
| Scope 1   t CO:eq   52.00   43.003   40.366   43.509     Scope 3'   18.794   0   0   0     CARBON FOOTPRINT   t CO:eq   71.13   1.110   1.159   1.077     CARBON FOOTPRINT   t CO:eq   72.009   45.012   41.545   44.845     Mitgation by Inder restoration   t CO:eq   77.768   4.815   4.847   5.337     Carbon intensity carbon intensity for unit of revenue   t CO:eq (%Rk bn<br>t CO:eq/%Rk bn   1.787   1.087   944   963     Carbon intensity per unit of produced electricity<br>carbon intensity per unit of forduced electricity<br>electricity and distributed electricity<br>electricity electricity<br>electricity an   |  |                            |             |             |             |             |
| Scope 3 <sup>+</sup> -   18,794   0   0   0     Scope 3 <sup>+</sup> -   113   110   1,159   1,077     CARBON FOOTPRINT   t COpeq   72,009   45,012   44,545   44,874   5,337     There of welland reclamation via Vollendission from carl fleat   COpeq   67,724   40,198   36,671   39,199     Carbon intensity per unit of revenue   COpe q/ISK bn   1,787   1,087   944   963     Carbon intensity per unit of revenue   COpe q/ISK bn   1,787   1,087   944   963     Carbon intensity per unit of revenue   COpe q/ISK bn   1,787   1,087   944   963     Carbon intensity per unit of roduced electricity   g Cope q/KWh   9.8   8.3   7.5   7.4     Carbon intensity per unit of distributed electricity   g Cope q/KWh   10.8   9.3   8.5   8.6     Carbon intensity per unit of distributed hot water   g Cope q/KWh   0.8   0.8   0.7   0.9   0.9     Carbon intensity per unit of distributed hot water   g Cope q/KWh   0.8  | -  | t COper                    | 52 102      | 43 903      | 40 386      | 43 509      |
| Scope 3'-111311101.1591.077CARBON FOOTPRINTt CO:eq72.00945.01241.54544.586Mingaton by land restorationt CO:eq72.00945.01241.54544.586Three of welland reclamation via Vollendisijódurt CO:eq005000Carbon intensity carbon emissions from car fieldt CO:eq7.1240.19836.67139.199Carbon intensity per unit of revenueCO:eq/Hous.9256856.357Carbon intensity per unit of produced electricity90.2e/employee1.07871.08794.436.837.57.4Carbon intensity per unit of produced electricity90.2e/eq/Wh1.089.338.58.66Carbon intensity per unit of produced electricity90.2e/eq/Wh1.089.338.58.66Carbon intensity per unit of distributed electricity90.2e/eq/Wh1.089.338.58.66Carbon intensity per unit of distributed electricity90.2e/eq/Wh1.089.338.58.66Carbon intensity per unit of distributed electricity90.2e/eq/Wh8.89.39.59.4Total carbon intensity per unit of distributed electricity90.2e/eq/Wh8.89.39.59.4Resultity pollutants of the electricity system (Index)90.2e/eq/Wh8.89.39.59.4Total carbon intensity per unit of distributed electricity90.2e/eq/Wh8.89.39.59.4Resultity pollutants of the electricit  | · ·  | 1 002eq<br>-               |             |             |             |             |
| CABEON FOOTPRINT   t. CO:eq   72.009   44.012   44.545   64.574     Mitigation by land restoration   t. CO:eq   4.768   -4.815   -4.815   -4.815   -4.815   -5.387     Thare of wataind reclamation via Voltendissiódur fund by offsetting carbon emissions from carl fleet   t. CO:eq   67.124   40.198   36.671   39.199     Carbon forbrint reduced by mitigation projects   t. CO:eq/ISK bn   1.787   1.087   9.46   9.63   5.7     Carbon intensity per unit of revenue   CO:eq/ISK bn   1.787   1.087   9.8   8.3   7.5   7.4     Carbon intensity per unit of produced electricity   g CO:eq/RWh   9.8   8.8.3   7.5   7.4     Carbon intensity per unit of forduced for view of g CO:eq/RWh   9.8   8.8.3   7.5   7.4     Carbon intensity per unit of distributed electricity   g CO:eq/RWh   9.8   8.8.3   7.5   7.4     Carbon intensity per unit of distributed electricity   g CO:eq/RWh   4.8   0.8   0.7   0.9     Total carbon intensity of produced (ON/veitur)   g CO:eq/RWh   4.8  |  |                            |             | -           |             | -           |
| Mitigation by land restorationt COrea-4.768-4.815-4.815-4.817Three of velamination strom car fleett COrea000500Carbon intensity per unit of revenuet COre q/ISK bn1.7871.087-4.81830.193Carbon intensity per unit of premisest COre q/ISK bn1.7871.087-944963Carbon intensity per unit of premisest COre q/ISK bn1.7871.087-944963Carbon intensity per unit of produced electricityg COreq/Wh9.83.7574Carbon intensity per unit of produced electricityg COreq/Wh9.83.7574Carbon intensity per unit of produced electricityg COreq/Wh9.83.7574Carbon intensity per unit of produced electricityg COreq/Wh1.089.033.858.83Carbon intensity per unit of distributed ble chricityg COreq/Wh1.089.033.653.65Carbon intensity per unit of distributed ble chricityg COreq/Wh1.863.653.653.65Total carbon intensity of not waterg COreq/Wh1.613.653.653.653.65Resulting pollutions for the electricity and user structure (NVPM)3.65,35,213.67,85,213.70,27,5123Total carbon intensity of not waterKWh2.59,47692.63,65,2913.87,841,213.70,27,5123Total carbon intensity of not waterKWh3.5,718,9493.64,365,2913.27,84,000There of New alfanceKWh3.63,650,201 </td <td>· ·</td> <td>t CO2ea</td> <td></td> <td></td> <td></td> <td></td>   | · ·  | t CO2ea                    |             |             |             |             |
| There of weifand reclamation via Vollendiesjödur<br>(nud by offsteining cachor emissions from art filt<br>and by offsteining cachor emissions from art filt<br>(Do-eq/ISK bn<br>Carbon intensity per unit of revenue   t CO-eq<br>(CO-eq/ISK bn<br>(CO-eq/ISK bn<br>(CO-eq/ISK bn<br>(CO-eq/ISK bn)   1.787   1.087   944   963     Carbon intensity per unit of revenue   (CO-eq/ISK bn<br>(CO-eq/ISK bn)   1.787   1.087   944   963     Carbon intensity per unit of premises   "0"   92   58   53   57     Carbon intensity per unit of premises   "0"   92   58   53   57     Carbon intensity per unit of of preduced electricity   g CO-eq/KWh   9.8   8.8.3   7.5   7.4     Carbon intensity per unit of distributed electricity   g CO-eq/KWh   9.8   8.8.3   7.5   7.4     Veliphied average of carbon intensity for holt water<br>(Veliur Ulitities)   g CO-eq/KWh   8.8   8.0.7   0.9     Total carbon intensity of produced (ONVelut)<br>and distributed holt water   g CO-eq/KWh   8.8   8.7   4.4   3.9     Total carbon intensity of produced (ONVelut)<br>(Not tarbon intensity of produced (ONVelut)<br>and distributed Network   2.5   4.4   3.9   4.1   |  |                            |             |             |             |             |
| fund by offsetting carbon emissions from car field   fCO:eq   0   |  | •                          |             |             |             |             |
| Carbon intensity   Carbon intensity per unit of revenue   fCO <sub>2</sub> eq/ISK bn   1,787   1,087   944   963     Carbon intensity per unit of premises   fCO <sub>2</sub> eq/ISK bn   1,787   1,087   944   963     Carbon intensity per unit of premises   m <sup>3</sup> 92   58   53   57     Carbon intensity per unit of produced electricity   g CO <sub>2</sub> eq/kWh   9.8   8.3   7.5   7.4     Carbon intensity per unit of produced electricity   g CO <sub>2</sub> eq/kWh   1.0   1.0   1.0   1.2     Total carbon intensity per unit of produced   g CO <sub>2</sub> eq/kWh   1.8   9.3   8.5   8.66     electricity and distributed electricity   g CO <sub>2</sub> eq/kWh   0.8   0.8   0.7   0.9     Total carbon intensity of produced (ONVetur)   g CO <sub>2</sub> eq/kWh   0.8   0.8   0.7   0.9     Total carbon intensity of produced (ONVetur)   g CO <sub>2</sub> eq/kWh   0.8   0.8   0.7   0.9     Total carbon intensity of produced (ONVetur)   g CO <sub>2</sub> eq/kWh   0.8   0.8   0.7   0.9     Total carbon intensity of produced (ONVetur)<   |  | t CO <sub>2</sub> eq       | 0           | 0           | 0           | 500         |
| Carbon intensity per unit of revenue   ICO: eq/ISK bn<br>ICO: | Carbon footprint reduced by mitigation projects      | t CO2eq                    | 67,124      | 40,198      | 36,671      | 39,199      |
| Carbon intensity per unit of premises   ICO-eq/thous.<br>9<br>Co.se/employee   92<br>So.se/employee   58   53   57     Carbon intensity per unit of produced electricity   g Co.se/kWh   9.8   8.3   7.5   7.4     Carbon intensity per unit of distributed electricity   g Co.se/kWh   1.0   1.0   1.2     Carbon intensity per unit of distributed electricity   g Co.se/kWh   1.0.8   9.3   8.5   8.6     Weighted average of carbon intensity for hot water<br>(Veitru Utilities)   g Co.se/kWh   0.8   0.0   0.9     Carbon intensity of produced (ONVeitur)<br>and distributed (Veitury hot water   g Co.se/kWh   5.2   4.4   3.9   4.1     Resulting politionants of the electricity system (Indexs<br>from Orkustofnum) <sup>4.5</sup> 15.7   46.03   477.1   477.1     There of fossil fuel   kWh   355,718,949   356,365,291   387,841,221   370,275,123     There of fossil fuel   kWh   2.56,718,947   326,365,291   327,844,000   322,416,800   327,484,000     There of fossil fuel   kWh   3.10,743,000   319,432,000   322,416,800   327,844,000 <t< td=""><td>Carbon intensity</td><td></td><td></td><td></td><td></td><td></td></t<>  | Carbon intensity                                     |                            |             |             |             |             |
| Carbon intensity per employee   m³   92   35   35   35     Carbon intensity per unit of produced electricity   g Co.eq/kWh   9.8   8.3   7.5   7.4     Carbon intensity per unit of produced electricity   g Co.eq/kWh   9.8   8.3   7.5   7.4     Carbon intensity per unit of produced electricity   g Co.eq/kWh   10.8   9.3   8.5   8.6     Weighted average of carbon intensity for hot water   g Co.eq/kWh   4.4   3.6   3.2   3.2     Carbon intensity of produced (ON/vietur) and distributed electricity system (Indexes from Orkuschun) <sup>4.5</sup> g Co.eq/kWh   6.8   0.7   0.9     Total carbon intensity of produced (ON/vietur) and distributed (Veitur) thot water   g Co.eq/kWh   5.2   4.4   3.9   4.1     Resulting pollutants of the electricity system (Indexes from Orkuschun) <sup>4.5</sup> -   157.7   460.3   477.1   477.1     There of fossif fuel   kWh   325,718,949   356,365,291   337,841,221   370,275,123     There of lossif fuel   kWh   42,381,403   342,296,00   32,784,000   32,784,000   32,7   | Carbon intensity per unit of revenue                 | tCO <sub>2</sub> eq/ISK bn | 1,787       | 1,087       | 944         | 963         |
| Construction   Construction   Construction     Carbon intensity per unit of produced electricity   g CO_ceq/kWh   1.0   1.0   1.0     Total carbon intensity per unit of groduced electricity   g CO_ceq/kWh   10.8   9.3   8.5   8.6     Weighted average of carbon intensity for hot water   g CO_ceq/kWh   0.8   0.8   0.7   0.9     Total carbon intensity of produced (ONVeitur) and distributed (veitur) hot water   g CO_ceq/kWh   0.8   0.8   0.7   0.9     Total carbon intensity of produced (ONVeitur) and distributed (veitur) hot water   g CO_ceq/kWh   0.8   0.8   0.7   0.9     Total carbon intensity of produced (ONVeitur) and distributed (veitur) hot water   g CO_ceq/kWh   0.8   0.8   0.7   0.9     Total carbon intensity of produced (ONVeitur) and of the electricity system (Indexes   -   157.7   460.3   477.1   477.1     Total carbon intensity of non water   kWh   2,557.18,949   356,356.291   387,841,221   370,275,123   370,475,123   370,475,123   370,475,123   370,475,123   370,475,123   370,475,123   370,410,4000   0  | Carbon intensity per unit of premises                |                            | 92          | 58          | 53          | 57          |
| Carbon intensity per unit of distributed electricity9 C0.2eq/kWh1.01.01.01.01.0Total carbon intensity per unit of produced<br>electricity and distributed electricity9 C0.2eq/kWh10.89.38.58.6Weighted average of carbon intensity for hot water<br>Carbon intensity of produced (ON/veitur)<br>and distributed (Veitur) hot water9 C0.2eq/kWh0.80.80.70.9Total carbon intensity of produced (ON/veitur)<br>and distributed (Veitur) hot water9 C0.2eq/kWh0.80.80.70.9Total energy consumption<br>tom Orkustofnun) <sup>4.5</sup> KWh355.718.949356.355.291387.841.221370.275.123There of lossi fuel<br>Vehiced fieldetKWh310.743.000319.432.000332.416.800327.684.001.74There of lossi fuel<br>Percentage of renewable energy%99999999Electricid Guaranties of origin (GOS) own use<br>Weif ut utilitiesKWh310.743.000319.432.000000There of Newer (cancelled GOS)<br>Wastewater-88.53.42136.659.28.0000000There of Neykjavik Fibre Networks and<br>wastewater-88.53.42136.659.28.0000000There of old waterm <sup>3</sup> 88.53.42136.659.28.0000000There of Neykjavik Fibre Networks and<br>wastewater-88.653.42136.659.28.000000There of Neykjavik Fibre Networks-38.653.42136.659.28.000 </td <td>Carbon intensity per employee</td> <td>g<br/>CO₂e/employee</td> <td>157</td> <td>91</td> <td>82</td> <td>82</td>  | Carbon intensity per employee                        | g<br>CO₂e/employee         | 157         | 91          | 82          | 82          |
| Total carbon intensity per unit of produced<br>electricity and distributed electricity   g CO <sub>2</sub> eq/kWh   10.8   9.3   8.5   8.6     Weighted average of carbon intensity for hot water<br>(Veitur Utilities)   g CO <sub>2</sub> eq/kWh   4.4   3.6   3.2   3.2     Carbon intensity per unit of distributed hot water<br>(Veitur Utilities)   g CO <sub>2</sub> eq/kWh   0.8   0.8   0.7   0.9     Total carbon intensity of produced (ON/Veitur)<br>and distributed (Veitur) hot water<br>from Orkustofnun) <sup>4.5</sup> g CO <sub>2</sub> eq/kWh   5.2   4.4   3.9   4.11     Resulting pollutants of the electricity system (Indexes<br>from Orkustofnun) <sup>4.5</sup> 157.7   460.3   477.1   477.1     There of fossil fuel   kWh   2,594,769   2,703,691   2,633,321   2,442,123     Vehicle fleet   liters   212,666   221,614   215,846   200,174     There of locsil fuel   kWh   310,743,000   319,432,000   332,416,800   327,684,000     Percentage of renewable energy   %   9   9   9   9   9     Percentage of renewable energy   %   56,528,000   0   0   0   | Carbon intensity per unit of produced electricity    | g CO <sub>2</sub> eq/kWh   | 9.8         | 8.3         | 7.5         | 7.4         |
| $\begin{array}{ c c c c c } \textbf{electricity and distributed leterticity } g C02eq/kWh & 10.8 & 9.3 & 6.3 & 6.3 \\ Weighted average of carbon intensity for hot water g C02eq/kWh & 4.4 & 3.6 & 3.2 \\ Carbon intensity per unit of distributed hot water g C02eq/kWh & 0.8 & 0.8 & 0.7 & 0.9 \\ \textbf{GC02eq/kWh & 5.2 & 4.4 & 3.9 & 4.1 \\ \end{titued linessity per unit of distributed hot water g C02eq/kWh & 5.2 & 4.4 & 3.9 \\ \end{titued linessity per unit of distributed hot water g C02eq/kWh & 5.2 & 4.4 & 3.9 \\ \end{titued linessity pollutants of the electricity system (Indexs for orhustoriun)^{4.5 } & 56.365.291 & 387.841.221 & 370.275.123 \\ titued linessity per unit of observation hot water & 5.5 & 5.5 \\ \end{titued linessity per unit of observation hot water & 5.5 & 5.5 & 5.5 \\ \end{titued linessity per unit of observation hot water & 5.5$  | Carbon intensity per unit of distributed electricity | g CO2eq/kWh                | 1.0         | 1.0         | 1.0         | 1.2         |
| (Veitur Utilities)   Image of the starbule data water   g CO2eq/kWn   4.4   3.6   3.2   3.2     Carbon intensity per unit of distributed tot water   g CO2eq/kWh   0.8   0.8   0.7   0.9     Total carbon intensity of produced (ON/veitur)<br>and distributed (veitur) hot water   g CO2eq/kWh   5.2   4.4   3.9   4.1     Resulting pollutants of the electricity system (Indexes<br>from Orkustofnun) <sup>1.5</sup> G Co2eq/kWh   5.2   4.4   3.9   4.77.1     Energy use   -   157.7   460.3   387.841.221   370.275.123     There of fossil fuel   KWh   355,718.949   356.365.291   387.841.221   370.275.123     Vehicle fleet   liters   212.686   221.614   215.846   200.174     There of electricity   KWh   310.743.000   319.432.000   332.416.800   327.684.000     Percentage of renewable energy   KWh   310.743.000   319.432.000   332.416.800   327.684.000     There of N Power (cancelled GoOs)   -   0   0   0   0   0   0     Ther  |  | g CO₂eq/kWh                | 10.8        | 9.3         | 8.5         | 8.6         |
| Total carbon intensity of produced (ON/Veitur)<br>and distributed (veitur) hot water<br>Resulting pollutants of the electricity system (indexes<br>from Orkustofnun) <sup>4,5</sup> g CO2eq/kWh5.24.43.94.1Resulting pollutants of the electricity system (indexes<br>from Orkustofnun) <sup>4,5</sup> 157.7460.3477.1477.1Energy use55,718,949356,365,291387,841,221370,275,123Total energy consumptionkWh2,594,7692,703,6912,833,3212,2442,123Vehicle fleetliters212,686221,614215,846200,174There of lossil fuelkWh310,743,000319,432,000352,791,10040,149,000Percentage of renewable energy%999999Percentage of renewable energy%9999999Electrical Guaranties of origin (GoOs) own usekWh119,152,6100000There of NP ower (cancelled GoOs)-00000000There of Veitur Ultilities-835,00   |  | g CO₂eq/kWh                | 4.4         | 3.6         | 3.2         | 3.2         |
| and distributed (Veitur) hot water   9 C0260kWn   5.2   7.4   6.3   7.4     Resulting pollutang of the electricity system (Indexes<br>from Orkustofrun) <sup>5.5</sup> -   157.7   460.3   477.1   477.1     Energy use   -   555,718,949   356,365,291   387,841,221   370,275,123     There of fossil fuel   kWh   2,594,769   2,703,691   2,463,321   2,442,123     Vehicle fleet   liters   212,686   221,614   215,840   322,4168,000   328,416,800   326,480,000   326,416,800   326,480,000   326,416,800 <td>Carbon intensity per unit of distributed hot water</td> <td>g CO2eq/kWh</td> <td>0.8</td> <td>0.8</td> <td>0.7</td> <td>0.9</td>   | Carbon intensity per unit of distributed hot water   | g CO2eq/kWh                | 0.8         | 0.8         | 0.7         | 0.9         |
| from Orkustofnun) <sup>4,5</sup> Free Proprint   10/.1   400.3   417.1     Energy use   Total energy consumption   kWh   355,718,949   356,365,291   387,841,221   370,275,123     There of fossil fuel   kWh   2,594,769   2,703,691   2,633,321   2,442,123     Vehicle fleet   liters   212,686   221,614   215,846   200,174     There of electricity   kWh   310,743,000   319,432,000   332,416,800   327,684,000     There of hot water   kWh   42,381,180   34,229,600   52,791,100   40,149,000     Percentage of renewable energy   %   99   99   99   99   99   99   99   99   99   99   99   99   99   99   99   99   90      |  | g CO₂eq/kWh                | 5.2         | 4.4         | 3.9         | 4.1         |
| Total energy consumption   kWh   355,718,949   356,365,291   387,841,221   370,275,123     There of fossil fuel   kWh   2,594,769   2,703,691   2,633,321   2,442,123     Vehicle fleet   liters   212,686   221,614   215,846   200,174     There of electricity   kWh   310,743,000   319,432,000   332,416,800   322,684,000     There of hot water   kWh   42,381,180   34,229,600   52,791,100   40,149,000     Percentage of renewable energy   %   99   99   99   99   99     Electrical Guaranties of origin (GoOs) own use   kWh   119,152,610   0   0   0     There of Neykjavik Energy 's waterworks and wastewater   -   18,598,000   0   0   0   0     There of losses in distribution system (DSOs)   -   42,791,610   0   0   0   0   0     Hot and cold-water   -   835,000   0   0   0   0   0   0   0   0   0   0 <td< td=""><td></td><td>-</td><td>157.7</td><td>460.3</td><td>477.1</td><td>477.1</td></td<>  |  | -                          | 157.7       | 460.3       | 477.1       | 477.1       |
| There of tossil fuel   kWh   2,594,769   2,703,691   2,633,321   2,442,123     Vehicle fleet   liters   212,686   221,614   215,846   200,174     There of electricity   kWh   310,743,000   319,432,000   332,416,800   327,684,000     There of hot water   kWh   42,381,180   34,229,600   52,791,100   40,149,000     Percentage of renewable energy   %   99   90   90   0 </td <td>Energy use</td> <td></td> <td></td> <td></td> <td></td> <td></td>  | Energy use   |                            |             |             |             |             |
| Vehicle fleet   liters   212,686   221,614   215,846   200,174     There of electricity   kWh   310,743,000   319,432,000   332,416,800   327,684,000     There of hot water   kWh   42,381,180   34,229,600   52,791,100   40,149,000     Percentage of renewable energy   %   99   90   0 </td <td>Total energy consumption</td> <td>kWh</td> <td>355,718,949</td> <td>356,365,291</td> <td>387,841,221</td> <td>370,275,123</td>  | Total energy consumption                             | kWh                        | 355,718,949 | 356,365,291 | 387,841,221 | 370,275,123 |
| There of electricity   kWh   310,743,000   319,432,000   332,416,800   327,684,000     There of hot water   kWh   42,381,180   34,229,600   52,791,100   40,149,000     Percentage of renewable energy   %   99   99   99   99     Electrical Guaranties of origin (GoOs) own use   kWh   119,152,610   0   0   0     There of Never (cancelled GoOs)   -   0   0   0   0   0     There of Reykjavik Energy's waterworks and wastewater   -   56,928,000   0   0   0   0     There of Veitur Utilities   -   56,928,000   0<  | There of fossil fuel                                 | kWh                        | 2,594,769   | 2,703,691   | 2,633,321   | 2,442,123   |
| There of hot water   kWh   42,381,180   34,229,600   52,791,100   40,149,000     Percentage of renewable energy   %   99   99   99   99     Electrical Guaranties of origin (GoOs) own use   kWh   119,152,610   0   0   0     There of NPower (cancelled GoOs)   -   0   0   0   0     There of Neykjavik Energy 's waterworks and wastewater   -   56,928,000   0   0   0     There of Veitur Utilities   -   56,928,000   0   0   0   0     There of Neykjavik Fibre Networks   -   835,000   0   0   0   0     There of losses in distribution system (DSOs)   -   42,791,610   0   0   0   0     Hot and cold water   -   38,853,421   36,650,707   41,479,644   45,375,587     There of cold water   -   737,064   591,183   910,191   692,227     Waste   -   737,064   591,183   910,191   692,227     Waste  | Vehicle fleet  | liters                     | 212,686     | 221,614     | 215,846     | 200,174     |
| Percentage of renewable energy   %   99   90  | There of electricity                                 | kWh                        | 310,743,000 | 319,432,000 | 332,416,800 | 327,684,000 |
| Electrical Guaranties of origin (GoOs) own use   kWh   119,152,610   0   0   0     There of ON Power (cancelled GoOs)   -   0   | There of hot water                                   | kWh                        | 42,381,180  | 34,229,600  | 52,791,100  | 40,149,000  |
| There of ON Power (cancelled GOS)   -   0   0   0   0     There of Reykjavik Energy 's waterworks and wastewater   -   18,598,000   0   0   0     There of Veitur Utilities   -   56,928,000   0   0   0   0     There of Reykjavik Fibre Networks   -   835,000   0   0   0   0     There of losses in distribution system (DSOs)   -   42,791,610     | Percentage of renewable energy                       | %                          | 99          | 99          | 99          | 99          |
| There of Reykjavik Energy 's waterworks and wastewater   -   18,598,000   0   0   0     There of Veitur Utilities   -   56,928,000   0   0   0     There of Reykjavik Fibre Networks   -   835,000   0   0   0     There of Reykjavik Fibre Networks   -   835,000   0   0   0     There of Iosses in distribution system (DSOs)   -   42,791,610   0   0   0     Hot and cold water   -   38,853,421   36,650,707   41,479,644   45,375,587     There of cold water   -   38,116,357   36,059,524   40,569,453   44,683,360     There of hot water   -   737,064   591,183   910,191   692,227     Waste   -   737,064   591,183   910,191   692,227     Vorksite waste generated annually   kg   1,025,500   1,412,800   1,778,000   1,660,400     Worksite waste   -   939,900   1,336,000   1,665,730   1,584,270     Office waste   -   50,  | Electrical Guaranties of origin (GoOs) own use       | kWh                        | 119,152,610 | 0           | 0           | 0           |
| wastewater   -   18,998,000     | There of ON Power (cancelled GoOs)                   | -                          | 0           | 0           | 0           | 0           |
| There of Reykjavik Fibre Networks   -   835,000   0   0   0     There of losses in distribution system (DSOs)   -   42,791,610   0   0   0   0     Hot and cold water   -   -   38,853,421   36,650,707   41,479,644   45,375,587     There of cold water   -   38,116,357   36,059,524   40,569,453   44,683,360     There of hot water   -   737,064   591,183   910,191   692,227     Waste   -   737,064   591,183   910,191   692,227     Office waste generated annually   kg   1,025,500   1,412,800   1,778,000   1,660,400     Worksite waste   -   939,900   1,336,000   1,665,730   1,584,270     Office waste   -   50,440   44,670   62,000   42,910     Organic waste   -   26,100   20,200   25,800   27,000     Hazardous waste   -   9,100   11,900   24,400   6,400   |  | -                          | 18,598,000  | 0           | 0           | 0           |
| There of losses in distribution system (DSOs)   -   442,791,610   0   0   0     Hot and cold water   -  | There of Veitur Utilities                            | -                          | 56,928,000  | 0           | 0           | 0           |
| Hot and cold waterTotal hot and cold-water consumptionm³38,853,42136,650,70741,479,64445,375,587There of cold water-38,116,35736,059,52440,569,45344,683,360There of hot water-737,064591,183910,191692,227WasteTotal waste generated annuallykg1,025,5001,412,8001,778,0001,660,400Worksite waste-939,9001,336,0001,665,7301,584,270Office waste-50,44044,67062,00042,910Organic waste-26,10020,20025,80027,000Hazardous waste-9,10011,90024,4006,400  | There of Reykjavik Fibre Networks                    | -                          | 835,000     | 0           | 0           | 0           |
| Total hot and cold-water consumptionm³38,853,42136,650,70741,479,64445,375,587There of cold water-38,116,35736,059,52440,569,45344,683,360There of hot water-737,064591,183910,191692,227WasteTotal waste generated annuallykg1,025,5001,412,8001,778,0001,660,400Worksite waste-939,9001,336,0001,665,7301,584,270Office waste-50,44044,67062,00042,910Organic waste-26,10020,20025,80027,000Hazardous waste-9,10011,90024,4006,400  | There of losses in distribution system (DSOs)        | -                          | 42,791,610  | 0           | 0           | 0           |
| There of cold water-38,116,35736,059,52440,569,45344,683,360There of hot water-737,064591,183910,191692,227WasteTotal waste generated annuallykg1,025,5001,412,8001,778,0001,660,400Worksite waste-939,9001,336,0001,665,7301,584,270Office waste-50,44044,67062,00042,910Organic waste-26,10020,20025,80027,000Hazardous waste-9,10011,90024,4006,400  | Hot and cold water                                   |                            |             |             |             |             |
| There of hot water-737,064591,183910,191692,227WasteTotal waste generated annuallykg1,025,5001,412,8001,778,0001,660,400Worksite waste-939,9001,336,0001,665,7301,584,270Office waste-50,44044,67062,00042,910Organic waste-26,10020,20025,80027,000Hazardous waste-9,10011,90024,4006,400  | Total hot and cold-water consumption                 | m <sup>3</sup>             | 38,853,421  | 36,650,707  | 41,479,644  | 45,375,587  |
| Waste   Kg   1,025,500   1,412,800   1,778,000   1,660,400     Worksite waste   -   939,900   1,336,000   1,665,730   1,584,270     Office waste   -   50,440   44,670   62,000   42,910     Organic waste   -   26,100   20,200   25,800   27,000     Hazardous waste   -   9,100   11,900   24,400   6,400  | There of cold water                                  | •                          | 38,116,357  | 36,059,524  | 40,569,453  | 44,683,360  |
| Total waste generated annuallykg1,025,5001,412,8001,778,0001,660,400Worksite waste-939,9001,336,0001,665,7301,584,270Office waste-50,44044,67062,00042,910Organic waste-26,10020,20025,80027,000Hazardous waste-9,10011,90024,4006,400  | There of hot water                                   | -                          | 737,064     | 591,183     | 910,191     | 692,227     |
| Worksite waste-939,9001,336,0001,665,7301,584,270Office waste-50,44044,67062,00042,910Organic waste-26,10020,20025,80027,000Hazardous waste-9,10011,90024,4006,400  | Waste  |                            |             |             |             |             |
| Worksite waste-939,9001,336,0001,665,7301,584,270Office waste-50,44044,67062,00042,910Organic waste-26,10020,20025,80027,000Hazardous waste-9,10011,90024,4006,400  | Total waste generated annually                       | kg                         | 1,025,500   | 1,412,800   | 1,778,000   | 1,660,400   |
| Office waste-50,44044,67062,00042,910Organic waste-26,10020,20025,80027,000Hazardous waste-9,10011,90024,4006,400   |  | -                          |             |             |             |             |
| Hazardous waste   -   9,100   11,900   24,400   6,400   | Office waste   | -                          | 50,440      | 44,670      | 62,000      |             |
|   | Organic waste  | -                          | 26,100      | 20,200      | 25,800      | 27,000      |
| Categorized waste   kg   951,140   1,301,860   1,640,030   1,515,580  | Hazardous waste                                      | -                          | 9,100       | 11,900      | 24,400      | 6,400       |
|   | Categorized waste                                    | kg                         | 951,140     | 1,301,860   | 1,640,030   | 1,515,580   |

| kg<br>%<br>kg        | 74,400<br>93%   | 111,000<br>92%   | 138,000<br>92%   | 145,000<br>91%   |
|----------------------|---|--|--|--|
|                      |   |  | 92%  | 91%  |
| ka                   |   |  |  |  |
| ng                   | 812,400   | 1,139,000  | 1,473,000  | 1,320,000  |
| kg                   | 204,040   | 261,870  | 280,530  | 334,18   |
| %                    | 19.9%   | 18.5%  | 15.8%  | 20.1%  |
| %                    | 0.9%  | 0.8%   | 1.4%   | 0.4%   |
| %                    | 79.2%   | 80.6%  | 82.8%  | 79.5%  |
|                      |   |  |  |  |
| #sheets              | 588,213   | 631,379  | 457,203  | 425,652  |
| -                    |   | -  |  | 270,687  |
| -                    | -   | -  |  | 154,965  |
| #sheets              | 998,248   | 717,698  |  | 564,933  |
|                      |   |  |  | 270,942  |
|                      | ,   | ,  | ,  |  |
| ICK                  | 1 202 222   | 1 200 642  | 1 9/1 200  | 1,711,524  |
|                      |   |  |  | 46.3   |
|                      |   |  |  | 40.3   |
|                      |   |  |  | 780  |
|                      | 700   |  |  |  |
|                      | -   |  | -  | 30   |
| 111~                 |   |  |  | 120,548,000  |
| -                    |   |  |  | 28,348,000   |
| -                    |   |  |  | 39,269,000   |
| -                    |   |  |  | 52,931,000   |
| KVVN                 |   |  |  | 8,844,911,10   |
| -                    |   |  |  | 3,506,531,00   |
| -                    |   |  |  | 2,273,675,10   |
| -                    |   |  |  | 3,064,705,00   |
|                      |   |  |  | 2,005,959,00   |
| #cars                |   |  |  | 19   |
| -                    |   |  | -  | 29   |
| -                    |   |  |  | (  |
| -                    |   |  |  | (  |
| -                    |   |  |  | 25   |
| -                    | 0   | 0  | 0  | Ę  |
|                      |   |  |  |  |
|                      |   |  |  |  |
| t CO2eq              | 52,102  | 43,902   | 40,386   | 43,509   |
| t CO2eq              | 51,562  | 43,339   | 39,834   | 43,001   |
| t CO2eq              | 540   | 564  | 552  | 508  |
| litres               | 212,686   | 221,614  | 215,846  | 200,174  |
| m <sup>3</sup>       | 8,968   | 12,282   | 18,934   | 17,348   |
| litres               | 26,635  | 22,686   | 16,192   | 13,48  |
| litres               | 177,083   | 186,646  | 180,720  | 169,34   |
|                      |   |  |  |  |
| t CO <sub>2</sub> eq | 18,794  | 0  | 0  | (  |
|                      |   |  |  |  |
| t CO₂eq              | 1 113   | 1 110  | 1 159  | 1,077  |
| -                    |   |  |  | 347  |
| -                    |   |  |  | 74   |
|                      |   |  |  | 12   |
|                      |   |  |  |  |
|                      | 651   | 639  | 597  | 53   |
|                      |   |  |  |  |
| t CO2eq              | -4,768  | -4,815   | -4,874   | -5,38  |
| -                    | -1,202  | -1,249   | -1,268   | -1,27  |
| -                    | -3,626  | -3,626   | -3,626   | -3,62  |
| -                    | 60  | 60   | 20   | 2  |
|                      |   |  |  |  |
|                      | %   %   %   %   %   #sheets   -   #sheets   #envelopes   ISK   ISK   ISK   ISK   10003000000000000000000000000000000000 | % 19.9%   % 0.9%   % 79.2%   #sheets 588,213   - -   - -   *sheets 998,248   #envelopes 512,439   //////////////////////////////////// | %   19.9%   18.5%     %   0.9%   0.8%     %   79.2%   80.6%     %   79.2%   80.6%     %   588,213   631,379     -   -   -     *   -   -     *   -   -     #sheets   998,248   717,698     #envelopes   12,00,643   1,300,643     ISK   1,202,332   1,300,643     SK   1,202,332   1,45,000     %   2,51,692,500   8,248,59,200     .   2,815,027,500 <t< td=""><td>%   19.9%   18.5%   15.8%     %   0.9%   0.8%   1.4%     %   0.9%   0.8%   1.4%     %   79.2%   80.6%   82.8%     #sheets   588,213   631,379   457,203     -   -   268,750   268,750     -   -   188,453     #sheets   998,248   717,698   614,885     #envelopes   512,432   1,300,643   1,841,388     ISK   1,202,332   1,300,643   1,841,388     ISK bn   40.3   4114   44.0     #   458   495   000     fousand m<sup>3</sup>   780   780   780     %   -   12   233     m³   113,913,000   112,151,000   27,129,000     .   48,857,000   8,848,200   8,492,211,000     .   3,249,250,000   3,411,110,00   3,473,297,000     e   2,167,915,02   2,085,24,000   2,457,897,000     <th< td=""></th<></td></t<> | %   19.9%   18.5%   15.8%     %   0.9%   0.8%   1.4%     %   0.9%   0.8%   1.4%     %   79.2%   80.6%   82.8%     #sheets   588,213   631,379   457,203     -   -   268,750   268,750     -   -   188,453     #sheets   998,248   717,698   614,885     #envelopes   512,432   1,300,643   1,841,388     ISK   1,202,332   1,300,643   1,841,388     ISK bn   40.3   4114   44.0     #   458   495   000     fousand m <sup>3</sup> 780   780   780     %   -   12   233     m³   113,913,000   112,151,000   27,129,000     .   48,857,000   8,848,200   8,492,211,000     .   3,249,250,000   3,411,110,00   3,473,297,000     e   2,167,915,02   2,085,24,000   2,457,897,000 <th< td=""></th<> |

<sup>1</sup>Scope 1 or direct emissions from the Reykjavik Energy Group's operations. The emissions are from the geothermal power plants of ON Power, Reykjavik Energy's subsidiary, due to the production of electricity and hot water, as well as Veitur Utilities' pipeline system and from the car fleet of the Group.

<sup>2</sup> Scope 2, indirect emissions from purchased electricity and heating for own use. Scope 2, Indirect emissions of the Reykjavik Energy Group are zero. The reason for this is that the companies / subsidiaries produce electricity for the national grid and emission due to electrical productions are already counted for in Scope 1. In order to prevent double counting, no emissions are counted in Scope 2. GoOs were annulled for Reykjavik Energy Group in 2016 and 2017, but not for Veitur Utilities, Reykjavik Energy mother company and Reykjavik Fibre Networks 2015.

<sup>3</sup>Scope 3, indirect emissions from waste as well as emission from employees commuting to and from work and their air travel.

<sup>4</sup>Electrical Guaranties of origin (GoOs) in Iceland on Orkustofnun's web, <u>https://orkustofnun,is/yfirflokkur/raforkunotandinn/uppruni-raforku/</u>

<sup>5</sup>Electrical Guarantees of origin (GoOs) in Iceland for 2018 will be issued in the first half of 2019 and therefore the same values are used for 2017 and 2018.

<sup>6</sup>European Energy Certificate System – Guarantee of Origin.

<sup>7</sup>Based on 223 working days per year, and that employee's passenger cars emit on average 127 g CO<sub>2</sub>/km in 2018 (down from 128 gr CO<sub>2</sub>/km in earlier years.

<sup>8</sup>Land reclamation: Sequestration of 2.75 t CO<sub>2</sub>e per hectare per year. Forestry: Sequestration of 4.4 t CO<sub>2</sub>e per hectare per year and 2,000 trees per hectare. Reclaimed wetlands: As a result of reclaiming wetlands emissions is reduced by 20 t CO<sub>2</sub>e per hectare per year.