

## Progress report CO<sub>2</sub>-emission reduction ICT Group N.V. H1-2018

ICT stands for green





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#### History

| Version | Date       | Author            | Description     |  |
|---------|------------|-------------------|-----------------|--|
| 1.0     | 22-08-2018 | M.K. van Eesteren | Initial version |  |

| Ref. | Date       | Version | Author            | Description                                    |
|------|------------|---------|-------------------|--|
| 1    | 14-08-2018 | 3.0     | Mark van Eesteren | ICT Group N.V Organizational Boundary<br>2018  |
| 2    | 26-07-2018 | 3.4     | Mark van Eesteren | ICT Group N.V CO₂ reduction plan 2017-<br>2020 |

#### Summary

| КРІ  | Actuals H1-<br>2018 | Expectation – based on $CO_2$ reduction plan 2017 – | Remark if extra reduction measures are necessary?   |
|--|---------------------|---|---|
| Total CO₂-emission in<br>tons per FTE                                | 2,32                | 2,35  | Not applicable.   |
| CO emission Mobility in<br>tons per FTE                              | 2,20                | 2,02  | We will start a Mobility project in 2017.<br>Investigate if all employees can make use of<br>a public transport card  |
| CO₂ emission Buildings<br>in tons per FTE                            | 0,12                | 0,34  | Not applicable.   |
| CO₂ gr/km (actual) -<br>WTW  | 163                 | 156   | The step-by-step decrease of the norm<br>emission is already planned. The<br>communication that electric vehicles can be<br>leased is enhanced.   |
| Decrease in number of<br>km per lease car                            | 9%<br>decrease      | 5% decrease   | Not applicable.   |
| Number of public<br>transport kilometres vs.<br>lease car kilometres | 0,6%                | 2%  | We will start a Mobility project in 2017.<br>Investigate if all employees can make use of<br>a public transport card  |
| Number of electric vehicles  | 12                  | 70  | The communication that electric vehicles can be leased is enhanced.   |
| Optimise climate<br>installations on each<br>office                  | 1 office            | 2-3 offices per year                                | In the period 2018-2020 we have to increase<br>the number of offices for which the climate<br>installations will be optimised.  |
| Installation of smart<br>meters                                      | 3 offices           | 90% offices   | Communication with lessors for the<br>installation is started. Furthermore, the<br>installation of the smart meters by electricity<br>network companies is based on a pre-<br>determined time plan. |
| Generate 10% of our<br>energy consumption on<br>our own by 2020      | -                   | -   | In H2-2018 the business case to install solar<br>panels on the Barendrecht Office will be<br>investigated.  |



# ICT 7<sup>L</sup>

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#### **1** Introduction

#### ICT Group profile

ICT Group N.V. (hereafter: "ICT") is a leading industrial technology solutions and services providers offering high quality technological solutions in the information and communication technology areas within various functional domains, especially within Automotive, Logistics, Machine & Systems, Industrial Automation, Energy and Healthcare. ICT is active within the Netherlands, Belgium, France, Bulgaria and the United States.

The ICT solutions offered to clients involve software development, solutions on project basis, the secondment of experienced and highly educated staff as well as services to maintain IT systems.

#### Corporate social responsibility

For ICT sustainability is a natural and inevitable part of our daily work. In our day-to-day business we pay attention to the sustainable use of energy and materials. We separately collect our waste, and products we use are recycled as much as possible. Within ICT mobility has a very important share in the total CO<sub>2</sub> emissions. Therefore, ICT has started initiatives to make it possible to drive electric. Also, charging stations are or will be placed at the offices to extend the possibility electric driving and promote this.

Furthermore, within our Energy unit we touch on corporate social responsibility cases in our day-to-day business as the Energy unit is servicing energy management systems from an IT perspective.

#### Active sustainability policy

Related to corporate social responsibility ICT is executing an active sustainability policy. Part of this is the participation in the 'SKAO CO<sub>2</sub> prestatieladder'.

#### 1.1 Responsible

For the sustainability policies the end responsibility is by the Chief Financial Officer (CFO) of ICT Group N.V.

#### 1.2 Historical base year

Based on ICT's energy management program the  $CO_2$  Footprint is calculated at least twice a year. The reduction measures are part of the energy management program and described in the reduction plan 2017-2020.

On a semi-annual basis the progress of implementing the reduction measures relative to the reduction targets is reported. The main focus in this report is with the  $CO_2$  reduction measures. The  $CO_2$  footprint is part of this rapport. ICT Automatisering Nederland B.V. is currently certified for level 4 of the  $CO_2$  performance ladder with as base year 2016. The 2017 audit on ICT Group N.V. level for certification on level 4 is currently ongoing. The period in which the  $CO_2$  reduction measures must be realised is 2017 to 2020.

#### 1.3 Organizational Boundary

In paragraph 6.3 of the ' $CO_2$  prestatieladder' manual is recorded that the organizational boundary should be chosen as such that no C-providers are amongst the A-providers. ICT has chosen for the 'control approach'. Under the control approach, a company accounts for 100 percent of the GHG emissions from operations over which it has control. It does not account for GHG emissions from operations in which it owns an interest but has no control. Control can be defined in either financial or operational terms. When using the control approach to consolidate GHG emissions, companies shall choose between either the operational or financial control criteria which are defined below:

**Financial control.** The company has financial control over the operation if the form has the ability to direct the financial and operating policies of the latter with a view to gaining economic benefits from its activities.





**Operational control.** A company has operational control over an operation if the former or one of its subsidiaries has the full authority to introduce and implement its operating policies at the operation.

For a detailed description of the organizational boundary of ICT Group N.V. see the document 'Organisational boundary 2018'.





#### 1.4 Exclusions and verification

In paragraph 7.3 of NEN ISO 14064-1 a number of aspects are recorded which do not count for ICT. This contains the following aspects:

| f | a description of how $CO_2$ emissions from the combustion of biomass are treated in the GHG inventory (4.2.2)  | Biomass is irrelevant within ICT                     |
|---|--|--|
| g | if quantified, GHG removals, quantified in tonnes of $CO_2$ (4.2.2)  | This is not relevant for ICT                         |
| h | explanation for the exclusion of any GHG sources or sinks from the quantification (4.3.1)                      | This is not relevant for ICT                         |
| k | explanation of any change to the base year or other historical GHG data,<br>and any recalculation of the base. | This is not relevant, because 2016 is the base year. |
| m | explanation of any change to quantification methodologies previously used (4.3.3)                              | This is not relevant, because 2016 is the base year. |
| n | Reference to, or documentation of GHG emissions or removal factors used (4.3.5)                                | This is not relevant for ICT                         |

All other demands with respect to ISO 14064-1 are included in this rapport and all data is verified by the responsible  $CO_2$  manager.

#### 1.5 Changes in 2018 compared to 2017

In 2018 the ICT Group N.V. organisation is extended with NedMobiel B.V. and InTraffic B.V. NedMobiel B.V. has one office in Breda and InTraffic has two offices in Nieuwegein. The financial figures of NedMobiel are consolidated in the ICT Group N.V. accounts starting from 1 January 2018. The financial figures of InTraffic are consolidated as from 22 March 2018.

As InTraffic has a  $CO_2$  performance ladder certificate on level 5 ICT has investigated whether InTraffic can still report for the  $CO_2$  performance ladder on their own based on the AC analysis as part of the organizational boundary analysis. Based on the AC analysis as recorded in the organization boundary 2018 document it is concluded that InTraffic does not below to 80% largest suppliers of ICT Group. Therefore, InTraffic can report the  $CO_2$  performance ladder on his own.

#### 1.6 Changes based on version 3.0 CO<sub>2</sub> performance ladder manual

As following from the introduction of the new conversion factors for the year 2015 and business travel with public transport in 2016 the CO₂ emissions are calculated again retrospectively as from the base year 2011 with respect to ICT Automatisering Nederland B.V.

The conversion factors which are currently applicable are recorded in the Exsion consolidation tool in which all ICT Group N.V. entities has to report their energy consumption with respect to scope 1, scope 2 and scope 3 (currently, only commuting travel)  $CO_2$  emissions and in the ICT 'Smart Trackers' tool.





#### Table – historic CO<sub>2</sub> emissions

| Year                                   | H1-2011<br>ICT B.V. <sup>1</sup> | H2-2011<br>ICT B.V. | H1-2012<br>ICT B.V. | H2-2012<br>ICT B.V. | H1-2013<br>ICT B.V. | H2-2013<br>ICT B.V. | H1-2014<br>ICT B.V. | H2-2014<br>ICT B.V. |
|--|----------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| CO <sub>2</sub> -<br>emission<br>Old   | 1951                             | 1951                | 1880                | 1868                | 1798                | 1866                | 1863                | 1826                |
| CO <sub>2</sub><br>emission<br>New     | 1.992                            | 1.992               | 1.913               | 1.899               | 1.825               | 1.889               | 1.890               | 1.846               |
| CO <sub>2</sub> -<br>emission<br>total | - 3.984<br>asion                 |                     | 3.813               |                     | 3.714               |                     | 3.73                | 37                  |

| Year                                   | H1-2015<br>ICT B.V. | H2-2015<br>ICT B.V. | H1-2016<br>ICT B.V. | H2-2016<br>ICT B.V. | 2016<br>ICT N.V. | 2017<br>ICT B.V. | 2017<br>ICT N.V. |
|--|---------------------|---------------------|---------------------|---------------------|------------------|------------------|------------------|
| CO <sub>2</sub> -<br>emission<br>Old   | -                   | -                   | -                   | -                   | -                | -                | -                |
| CO <sub>2</sub><br>emission<br>New     | 1.670               | 1.720               | 1.697               | 1.852               | -                | -                | -                |
| CO <sub>2</sub> -<br>emission<br>total | 3.39                | 91                  | 3.5                 | 548                 | 4.220            | 3.738            | 4.579            |

| Year                                   | H1-2018<br>ICT N.V. | H2-2018<br>ICT N.V. |
|--|---------------------|---------------------|
| CO <sub>2</sub> -<br>emission<br>Old   | -                   | -                   |
| CO <sub>2</sub><br>emission<br>New     | 2.380               |                     |
| CO <sub>2</sub> -<br>emission<br>total | 2.38                | 30                  |

In all  $CO_2$  emission calculations the  $CO_2$  emissions are based on version 3.0 of the performance ladder manual and the related conversions.



<sup>&</sup>lt;sup>1</sup> ICT B.V. is abbreviation for ICT Automatisering Nederland B.V.



#### 2 Reduction measures 2017-2020

For the period 2017-2020 the following reduction measures are recorded on ICT Group N.V. level. The reduction measures per subsidiary are recorded in the reduction measures plan 2017-2020.

| Nr.         | Name   | Disclosure  | Execution   | Execution period | Payback<br>period in years | Measurement<br>type | Status                              |
|-------------|--|---|---|------------------|----------------------------|---------------------|-------------------------------------|
| 1 Buildings | Reduce installed power indoor lighting<br>– conventional lightning                             | On a natural moment – e.g. defect lightning – replace conventional lightning (TL8) by energy efficient lamps TL5 (with adapter)   | When lamps should be replaced they must be replace<br>by TL5 lamps.   | 2017-2020        | < 5 years                  | Policy measure      | Running                             |
| 2 Buildings | Reduce installed power indoor<br>lightning – HF TL to LED (day/night<br>and presence sensors)  | On a natural moment – by refurbishment or a new building – placement of<br>the most energy efficient lamps and fittings (LED). Also investigate if<br>sensors (day/light and/or presence) can be placed   | Investigate/install LED (incl. sensors) in case of new<br>buildings or refurbishments.  | 2017-2020        | < 5 years                  | Policy measure      | Running                             |
| 3 Buildings | Optimise climate installation (warming and cooling)  | Optimise climate installations. Every five-year an investigation must be<br>performed to conclude whether a climate installation is well tuned. In first<br>place the turn on/off or ventilations (outside work time) and the shutdown of<br>ventilations | For every office we have to investigate if the climate installation should be optimised.  | 2017-2018        | < 5 years                  | Policy measure      | Running                             |
| 4 Buildings | Continuous stimulation of change in<br>behaviour via continuous campaigns<br>and communication | We have to create awareness by the personnel to prevent that lighting,<br>cooling and ventilations are unnecessary turned on. We have to create this<br>awareness by a continuous campaign to the employees.  | Record actions in communication plan. Create<br>awareness during business unit and group meetings   | 2017-2020        | Between 1 and<br>2 years   | Policy measure      | Open                                |
| 5 Buildings | Own energy generation (electricity) –<br>at least 10%  | Consider if on natural moments solar panels can be placed to generate own<br>energy   | Investigate possibilities for the Deventer location.<br>Afterwards, select solar panel supplier and request<br>government subsidy.  | 2018             | Between 10-15<br>years     | Policy measure      | Open                                |
| 6 Buildings | Registration and monitoring energy<br>consumption – registration of energy<br>consumption data | Monitoring – organise the periodically measurement of energy consumption<br>data of all locations, analyse the results per entity and office and take<br>actions if necessary.  | Register and analyse periodically the energy invoices<br>and measurement data with Smart Meters. Make<br>comparisons based on KPI's and take actions based<br>on the actual energy consumption. | 2017-2018        | Between 10-15<br>years.    | Policy measure      | Running                             |
| 7 Buildings | Purchase green power (guarantees or<br>origin)   | If grey power is purchased compensate this with the purchase of<br>guarantees of origin   | Grey power is compensated in 2017 on ICT<br>Automatisering Nederland B.V. level. For 2018 we<br>have purchased green power for all ICT Group N.V.<br>offices                                    | Yearly           | Negative                   | Policy measure      | Closed for 2017<br>Running for 2018 |
| 8 Building  | Optimise setting ventilation   | Based on EED it is concluded that it is possible that the ventilation is on<br>during hours in which this is not necessary  | We plan that a climate and ventilation optimization investigation will be performed   | 2017-2018        | 51,5 years                 | Policy measure      | Running                             |





| Nr.         | Name   | Disclosure  | Execution  | Execution period | Payback<br>period in years | Measurement<br>type | Status  |
|-------------|--|---|--|------------------|----------------------------|---------------------|---------|
| 9 Buildings | Shut down IT equipment if possible                               | Investigate if (ICT) equipment is turned on during hours/periods in which this is not necessary. For example coffee machines, pc's and monitors   | Check per office which equipment is installed and if<br>these can be turned off during hours/periods in which<br>this is not necessary   | 2017-2020        | < 5 years                  | Policy measure      | Open    |
| 10 Mobility | Shaping the norm emission of lease cars by a step-by-step basis  | The emission for lease cars will be decreased step-by-step to 95 gram/km.<br>This is based on the ANWB list for energy efficient cars.  | The emission norm is adjusted on a semi-annual<br>basis. In addition we promote the leasing of electric<br>vehicles and will start a Mobility project with Athion to<br>investigate which triggers can be used to reduce the<br>use of the (lease) cars.   | 2017-2020        | < 1 year                   | Policy measure      | Running |
| 11 Mobility | Reducing use of lease cars                                       | Reduce number of car kilometres and relative number of lease cars.<br>Stimulate use of public transport, skype meetings etc.  | Introduction and promotion use of<br>1. OV Business card<br>2. Skype<br>3. Working at home<br>4. Carpooling.<br>In addition we promote the leasing of electric vehicles<br>and will start a Mobilty project with Athlon to<br>investigate which triggers can be used to reduce the<br>use of the (lease) cars. | 2017-2020        | < 1 year                   | Policy measure      | Running |
| 12 Mobility | Campaign and activities to stimulate<br>energy-efficient driving | Mobility project to stimulate energy efficient us of various means of<br>transport. In addition electric driving is heavily stimulated and various<br>campaigns for a right tyres tension are started. This to promote energy<br>efficient driving. | The following campaigns has performed or will be<br>performed:<br>1. Athlon Mobility project.<br>2. Stimulate electric vehicles.<br>3. Promote a right tyres tension   | 2017-2020        | < 1 year                   | Policy measure      | Running |





#### 2.1 CO<sub>2</sub> reduction projects

Our target on ICT Group N.V. level is  $CO_2$  of reduction of 11% in 2020 compared to 2016. The  $CO_2$  emission equivalent of this reduction percentage is 1.652 ton  $CO_2$ . See the table below for the H1-2018 of the reduction activities.

| Nr. | Туре      | Activity   | KPI  | 2018  | Unit              | 2018 target reduction plan   | H1-2018 actual   | 2020 target in %<br>relative to 2016<br>conform reduction<br>plan   |
|-----|-----------|--|--|---|-------------------|--|--|---|
| 1   | Buildings | On a natural moment – e.g. defect lightning<br>– replace conventional lightning (TL8) by<br>energy efficient lamps TL5 (with adapter)  | Replace lightning<br>(TL8) by energy<br>efficient lamps TL 5<br>(with adapter)                               | 1 Office  | Percentage        | On a natural moment  | n/a  | n/a   |
|     |           | On a natural moment – by refurbishment or<br>a new building – placement of the most<br>energy efficient lamps and fittings (LED)   | a. Install LED by<br>every<br>refurbishment or<br>new building   | 1 Office  | GJ                | 35   | Estimated<br>29  | 83%   |
| 2 1 | Dunungs   | Also investigate if sensors (day/light and/or<br>presence) can be placed   | b. By every change<br>of an ICT office the<br>energy label has to<br>be better than the<br>current office.   | 1 Office  | Label type        | 1 office (new Maastricht<br>office)  | 1 office (new Maastricht has energy label)             | 100%  |
| 3   | Buildings | Optimise climate installations. Every five-<br>year an investigation must be performed to<br>conclude whether a climate installation is<br>well tuned. In first place the turn on/off or<br>ventilations (outside work time) and the<br>shutdown of ventilations | Check the climate<br>installations for<br>each office every<br>five years                                    | 2-3 offices a year<br>since ICT has 11<br>offices on a<br>continuous basis<br>(Gorinchem is closed<br>and Apeldoorn will be<br>closed)    | Percentage        | 2-3 offices per year   | 0 offices (offers are requested to optimise 2 offices) | Not reached   |
| 4   | Buildings | We have to create awareness by the<br>personnel to prevent that lighting, cooling<br>and ventilations are unnecessarily turned<br>on. We have to create this awareness by a<br>continuous campaign to the employees.   | Regular updates<br>via the progress<br>reports about our<br>electricity<br>consumption per<br>m <sup>2</sup> | 89 GJ reduction in<br>2018 (ICT<br>Automatisering B.V<br>offices, Improve and<br>BMA). This is 24.722<br>kWh. Per m2 this is<br>2,49 kWh. | kWh/m2            | 2,49 kWh reduction per<br>m²   | 1,07 kWh increase per m²                               | Not reached. Is mainly<br>due to Oosterhout<br>office, refer to<br>paragraph 2.1 for<br>further explanation |
| 5   | Buildings | Consider if on natural moments solar<br>panels can be placed to generate own<br>energy.  | Investigate if for at<br>least one office<br>solar panels can be<br>installed                                | 11 Offices  | Number of offices | Investigate for the<br>Barendrecht office<br>if solar panels can be<br>installed | -  | Not reached   |



## ICT 7<sup>L</sup>

| Nr. | Туре      | Activity   | KPI  | 2018   | Unit  | 2018 target reduction plan                | H1-2018 actual   | 2020 target in %<br>relative to 2016<br>conform reduction<br>plan |
|-----|-----------|--|--|--|---|---|--|---|
| 6   | Buildings | Monitoring – organise the periodically<br>measurement of energy consumption data<br>of all locations, analyse the results per<br>entity and office and take actions if<br>necessary. | Number of offices<br>with smart meters                                       | 11 Offices   | Number of offices                                   | 90% offices have smart meters             | 3 offices have smart meters  | 27%, is behind schedule.  |
| 7   | Buildings | If grey power is purchased compensate<br>this with the purchase of guarantees of<br>origin   | Compensate grey<br>electricity   | 9 Offices + rental<br>houses with grey<br>electricity  | Percentage  | 100% compensation<br>(850,000 kWh)        | 100% compensation (H1-2018: 394.403 kWh)   | ls on schedule  |
| 8   | Buildings | Optimise setting ventilation. Based on EED<br>it is concluded that it is possible that the<br>ventilation is on during hours in which this<br>is not necessary.                      | Check the<br>ventilations for<br>each office every<br>five years             | 2-3 offices a year<br>since ICT has 11<br>offices on a<br>continuous basis<br>(Gorinchem is closed<br>and Apeldoorn will be<br>closed) | Percentage  | 2-3 offices per year                      | 0 offices (offers are requested to optimise 2 offices)   | Not reached   |
| 9   | Buildings | Investigate if (ICT) equipment is turned on<br>during hours/periods in which this is not<br>necessary. For example coffee machines,<br>pc's and monitors                             | Investigate all ICT<br>offices   | 11 Offices   | Percentage  | Purchase of sustainable<br>ICT equipment  | PC's and monitors will adequately go into energy efficient stand if the monitors are not used. | Is on schedule  |
| 10a | Mobility  | The emission for lease cars will be<br>decreased step-by-step to 95 gram/km.<br>This is based on the ANWB list for energy<br>efficient cars.   | a. Step-by-step<br>decrease in lease<br>arrangement to 95<br>gram/km in 2019 | 97 gram/km   | gr/km (CO2)   | 97  | 98   | Is behind schedule  |
| 10b | Mobility  | Increase the number of full electric cars to a zero-emission lease car park in 2026  | b. Number of full<br>electric vehicles                                       | 30% of lease car<br>park in 2020   | Number  | 70 (10% lease car park)                   | 12 full electric lease cars  | Is behind schedule  |
| 11a | Mobility  | Decreasing the number of car kilometres<br>and relative number of lease cars   | a. Decrease<br>relative number of<br>lease cars                              | Decrease of 2% ratio<br>lease cars vs total<br>number of<br>employees in %   | Decrease in<br>%                                    | 58% (2017 YTD: 60%)                       | 2% decrease  | Is on schedule  |
|     |           |  | b. Decrease<br>number of car<br>kilometres                                   | Decrease of 5% car<br>kilometres per FTE<br>per year to 20%<br>decrease in 2020<br>compared to 2016                                    | Decrease in<br>%                                    | 9.760 (H1-2017: 10.685)                   | 9% decrease  | Is above schedule   |
| 11b | Mobility  | Introduction public transport cards.<br>Relative number of public transport<br>kilometres vs. lease car kilometres   | Increase use of public transport   | 1% of lease car<br>kilometres in 2017<br>5% of lease car<br>kilometres in 2020.  | Number of<br>kilometres<br>with public<br>transport | 400.000 >> 2% number<br>of car kilometres | H1-2018: 60.645 >> 0,6% number of car<br>kilometres  | Is behind schedule  |





| Nr. | Туре                | Activity   | KPI         | 2018 | Unit        | 2018 target reduction plan     | H1-2018 actual                            | 2020 target in %<br>relative to 2016<br>conform reduction<br>plan |
|-----|---------------------|--|-------------|------|-------------|--------------------------------|---|---|
| 12  | Mobility            | Mobility project will be started to<br>investigate incentives who stimulate<br>economic driving and a sustainable<br>transport choice. | gr/km (CO2) | 151  | gr/km (CO2) | 151                            | 163                                       | Is behind schedule  |
|     |                     |  |             |      |             |                                |   |   |
|     | Scope1 +<br>Scope 2 | Totaal aan CO₂-emissie van ICT<br>(gebouwen en vervoer)  |             | 4,70 | CO2 ton/FTE | 4,70 (/- 7,4% vs base<br>year) | 4,65 (-/- 8,3% vs base year) <sup>2</sup> | Reached   |

<sup>2</sup> CO<sub>2</sub> emission is 2,32 ton per FTE over the period 1 January until 30 June 2018. The emission of 4,65 CO<sub>2</sub> ton is extrapolated for the whole year 2018. Base year CO<sub>2</sub> emission per FTE was 5,07 ton.



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#### **3 Disclosure projects**

#### 3.1 Reduce installed power indoor lighting (1)

On a natural moment replace defect lamps by TL5 lamps. In H1-2018 there were no natural moments to place new power indoor lighting.

### 3.2 On a natural moment – by refurbishment or a new building – placement of the most energy efficient lamps and fittings (LED) (2a)

During H1-2018 we did not had a large refurbishment or a new building in which it was needed to place the most energy efficient lamps and fittings. In the Deventer office we had a small refurbishment. The Deventer office already have energy-efficient lamps and fittings.

#### 3.3 Change ICT office (2b)

In July 2018 we moved to another Maastricht office which has the EPU label A.

#### 3.4 Investigate and optimise climate installations (3)

In H1-2018 an investigation is performed to optimise the climate installations of the Oosterhout and Eindhoven offices. The investigation and execution of optimising the climate installations of these offices will be continued in H2-2018.

### 3.5 We have to create awareness by the personnel to prevent that lighting, cooling and ventilations are unnecessarily remained on (4)

On a regular basis a tour through the offices is made to investigate whether lightning, computers and monitors are turned on. If this is the fact 'notes' will be added to the specific working places. The turning off of lighting, computer and monitors is added to the clean desk policy.

#### 3.6 Consideration if own energy can be generated (5)

The investigation if solar panels can be placed on the roof of the Barendrecht office is performed in H1-2018. Also the possibility for the SDE+ subsidy will be further investigated.

It is possible to install 180 solar panels on the Barendrecht office with a power of 40.500 kWh and a pay-back time of 7 to 8 years. The 40.500 kWh is between 25 and 30% of what our energy consumption is for the Deventer office (2017: 153.000 kWh). In H2-2018 we will investigate whether the business case to place solar panels is solid.

#### 3.7 Registration and monitoring energy consumption (6)

A number of ICT offices already has a smart meter on which on a monthly basis the energy consumption numbers can be read. Furthermore, all offices has to report their energy consumption on a quarterly basis in the sustainability reporting tool Exsion.

The following offices has a smart meter:

- Barendrecht.
- Deventer, only loading pole.
- Dreumel (Raster).
- Eindhoven.

Requests for a smart meter are running for the Groningen, Oosterhout, Maastricht and Houten offices.



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#### 3.8 Compensate grey power with purchase green power (7)

For the offices Deventer, Eindhoven, Maastricht, Houten, Sofia, Dreumel and Baarn grey power is consumed. Furthermore, the offices Oosterhout and Groningen are consuming European green energy which does not count as green energy under the  $CO_2$  performance ladder and the electricity loaded by full electric vehicles counts as grey power. This grey power is compensated with the purchase of green power via guarantees of origin. Over 2018 850.000 kWh of green power is purchased which is sufficient to compensate the 394.403 kWh of grey power over the first half year of 2018.

#### 3.9 Optimise ventilation setting (8)

See paragraph 3.4.

### 3.10 Investigate if (ICT) equipment is turned on during hours/periods in which this is not necessary (9)

See paragraph 3.5.

#### 3.11 Decreasing the norm emission of lease cars on a step-by-step basis (10)

As from April 2016 ICT Automatisering Nederland B.V. has a new lease arrangement for all employees which is based on the norm emissions for the most energy efficient following from the ANBW list with the 10 most energy efficient cars. The average norm emission is decreased on semi-annual to annual basis.

| Norm energy-efficient cars | (1-10-2016) |         | (1-4-2   | 2017)   | (1-10-2017) |         |  |
|----------------------------|-------------|---------|----------|---------|-------------|---------|--|
| (ANWB)                     | gr/l        | km      | gr/l     | km 🦾    | gr/km       |         |  |
| Depends on lease tariff    | Standard    | Maximum | Standard | Maximum | Standard    | Maximum |  |
| Gasoline (average norm)    | 112         | 128     | 112      | 128     | 112         | 127     |  |
| Diesel (average norm)      | 102         | 109     | 102      | 109     | 98          | 109     |  |

In H1-2018 we did not adjust the norm emission of lease cars as new European  $CO_2$  emission tests are currently performed which will result in new  $CO_2$  emission norms. We expect that by the end of 2018 a new  $CO_2$  emission norms can be set.

The driving of an electric vehicle is heavily promoted for example in an electric driving week. The number of full electric lease cars as at 30 June 2018 is 12 electric cars. This is far behind our target that 10% of the lease park is full-electric.

#### 3.12 Decrease the number of car kilometres and stimulate use of public transport (11)

See paragraph 3.13. Furthermore, employees are able to use an OV business card to come to the offices or go to clients.

#### 3.13 Mobility campaigns (12)

#### 3.13.1 Mobility project to stimulate energy efficient driving

As at 1 September 2018 we will start a mobility project together with Athlon to investigate which incentives stimulates employees to drive energy efficient. Incentives which will be investigated are:

- A bonus/malus if employees drive energy efficient or not.
- Remunerations when employees are using a(n) (electric) bike or public transport.
- Drive electric.

This in combination with an investigation what employees will do if a budget is provided which employees can use for a mean of transport which is free of choice.





#### 3.13.2 Campaign CO<sub>2</sub> awareness

In H2-2018 a CO $_{\scriptscriptstyle 2}$  awareness campaign will be started together with the mobility pilot.





#### 4 CO<sub>2</sub> emission footprint ICT Group N.V.

In August 2018 the CO<sub>2</sub> Footprint over H1-2018 is determined. This CO<sub>2</sub> footprint is compared to H1-2017.

| Direct and indirect CO <sub>2</sub> -emissions (ton CO <sub>2</sub> ) | H1-2018 | H1-2017 | Increase / (reduction) in %<br>H1-2018 compared to H1-<br>2017 |
|---|---------|---------|--|
| Scope 1   | 1.825   | 1.692   | 7,9%   |
| Scope 2   | 555     | 535     | 3,7%   |
| Total   | 2.380   | 2.227   | 6,9%   |
|   |         |         |  |
| Average number of total FTE   | 1.024   | 940     | 8,9%   |
| Total emission per FTE  | 2,32    | 2,37    | -/-1,9%  |

| Buildings related emissions (ton CO <sub>2</sub> )                 | H1-2018 | H1-2017 | Increase / (reduction) in %<br>H1-2018 compared to H1-<br>2017 |
|--|---------|---------|--|
| Electricity  | 0       | 94      | -100%  |
| Heating + WKO  | 121     | 130     | -/-6,9%  |
| Total  | 121     | 224     | -/-46,0%   |
|  |         |         |  |
| Buildings related kWh  | H1-2018 | H1-2017 | Increase / (reduction) in %<br>H1-2018 compared to H1-<br>2017 |
| Number kWh (before the purchase of green power)                    | 469.437 | 349.666 | 34,2%  |
| Number m <sup>2</sup>  | 13.712  | 13.972  | -/-1,9%  |
| Number kWh per m <sup>2</sup> (before the purchase of green power) | 34,23   | 25,03   | 36,8%  |
|  |         |         |  |
| Number kWh per FTE (before the purchase of green power)            | 458,43  | 371,99  | 23,2%  |

| Mobility related emissions (ton CO <sub>2</sub> )      | H1-2018 | H1-2017 | Increase / (reduction) in %<br>H1-2018 compared to H1-<br>2017 |
|--|---------|---------|--|
| Lease cars   | 1.752   | 1.610   | 8,8%   |
| Electric vehicles (EV) (after purchase of green power) | 0       | 7       | -100%  |
| Business travel with private cars                      | 221     | 193     | 14,5%  |
| Public transport                                       | 4       | 4       | 0%   |
| Business flights                                       | 282     | 189     | 49,2%  |
| Total  | 2.259   | 2.003   | 12,8%  |
|  |         |         |  |
| Number of electric vehicles                            | 12      | 7       | 71%  |
| Public transport kilometres                            | 60.645  | 63.770  | -/-4,9%  |
|  |         |         |  |
| Norm and actual emission lease cars in gr/km           | H1-2018 | H1-2017 | Increase / (reduction) in %<br>H1-2018 compared to H1-<br>2017 |
| Average emission lease cars (norm consumption) (TTW)   | 92      | 91      | 1,1%   |
| Average emission lease cars (actual consumption) (WTW) | 163     | 160     | 1,9%   |

| Number kWh electric driving | H1-2018 | H1-2017 | Increase / (reduction) in %<br>H1-2018 compared to H1-<br>2017 |
|-----------------------------|---------|---------|--|
| Number kWh electric driving | 17.265  | 8.074   | 114%   |





#### **5** Results and conclusions

#### 5.1 Results

#### CO₂ emission per FTE:

The relative  $CO_2$  emission per FTE has decreased with 1,9%. The decrease of the relative  $CO_2$  emission per FTE is mainly due to the decrease in  $CO_2$  emissions related to electricity and gas and a stable  $CO_2$  emission per FTE related to lease cars which are compensating increased  $CO_2$  emissions related to business flights and private cars.

#### Mobility:

The lease car related  $CO_2$  emissions has increased with 8,9% compared to the H1-2017. This increase is mainly due to an increased average FTE number (+8,8%) comparing H1-2018 vs. H1-2017. The lease car related  $CO_2$  emissions are stabilizing due to changes in the lease car mix. It is a trend that ICT has less diesel lease cars in the lease cars mix.

With regard to new norm emissions ICT currently is waiting for the results of the new European CO<sub>2</sub> tests on cars to update the norm emissions. It is expected that this update will be published by the end of 2018 or begin 2019.

Another trend is that the number of business flights has increased in H1-2018 compared to H1-2017 resulting in higher CO<sub>2</sub> emission. This is due to international recruitment activities and an increasing number of flights from and to Strypes.

#### **Buildings:**

The building related  $CO_2$  emissions has decreased with 46%. This is mainly due to the fact that ICT has less offices with gas related  $CO_2$  emissions and the 100% purchase of green power for the offices which are using grey power.

#### 5.2 Conclusion

The absolute  $CO_2$  emissions has increased with 6,9% due to the increase of the number of ICT employees (+8,8%). The  $CO_2$  emissions per FTE has decreased with 1,9%. This reduction is just below the  $CO_2$  reduction target of 2%  $CO_2$  emission per FTE over 2018. The absolute  $CO_2$  emission per FTE of 2,32 ton over H1-2018 is below the targeted  $CO_2$  emission per FTE of 2,35 ton.

Currently no extra measures are needed to reach the  $CO_2$  emission reduction targets over the years 2017-2020 based on the  $CO_2$  emissions developments over the H1-2018. However on sub-targets we have to execute and/or enhance the execution of the reduction measures as the absolute  $CO_2$  emission per FTE is close to the targeted  $CO_2$  emission per FTE.

#### Mobility

The  $CO_2$  emissions on lease cars per FTE has stabilized. This is due to the fact that no new norm emissions were available due to the new European  $CO_2$  tests, the number of full electric cars is not increasing fast enough and the lease mix is changed from less diesel cars to more gasoline cars.

Based on the stabilisation of the  $CO_2$  emissions on lease cars per FTE and the number of full electric is not increasing fast enough we will start a mobility pilot in H2-2018. In this mobility pilot we want which incentives will work to move personnel from the lease car to public transport and/or e-bikes. Furthermore, we will heavily promote the full electric vehicles.

The CO<sub>2</sub> emissions related to business flights have increased significantly (49%). This is mainly due to business choices made with regard to international recruitment and more flights to Sofia. An action in the next half year is to promote energy-efficient flying as there is a list with energy-efficient flight companies.





#### Buildings

The building related absolute  $CO_2$  emissions has decreased with 46,0%. This is highly influenced by the purchase of green power for all buildings in which we consume grey power. Furthermore, we do not rent the Gorinchem office and the houses in Son en Breugel and Veldhoven anymore which were consuming gas.

In H2-2018 we will further investigate the climate installations of the Oosterhout and Eindhoven offices. This to reduce the electricity and gas consumption. Furthermore, we will actively follow up on the project to install smart meters in all offices.





#### 6 Authorisation

|  | Initials | Date       |
|--|----------|------------|
| Mark van Eesteren – Financial Controller & Sustainability Officer ICT Group N.V. |          | 22-08-2018 |
| Jan-Willem Wienbelt – Chief Financial Officer ICT<br>Group N.V.                  |          | 22-08-2018 |
|  |          |            |





Appendix A – Various insights in CO<sub>2</sub> emission developments 2011-2018







## ICT 7<sup>L</sup>



In the electricity consumption it is striking that the electricity concumption for the Eindhoven and Oosterhout offices are in comparison to the other offices. This is because the heating and cooling of the Eindhoven and Oosterhout offices are (partly) electricity based.



## ICT 7<sup>L</sup>







### Appendix B Reduction plan 2017-2020

| Nr.   | Туре          | Name  |  |   |  | Disclosure                            |  |   |                                       |  | Office I scope                                   |   |  |  |  |  |
|---|---------------|---|--|---|--|---------------------------------------|--|---|---------------------------------------|--|--|---|--|--|--|--|
| 1   | Buildings     | Reduce installed power indoor lighting -<br>conventional lightning                                  | On a natural moment - e.g. defect lighting - replace conv                            | antwril nonext - e.g. detect lighting - replice convestional lighting (TLB) by energy-efficient hange TLS (with sdapter) All IGT.   |  |                                       |  |   |                                       |  |  |   |  |  |  |  |
| 2   | Buildings     | Reduce installed power indoor lighting - HF TL to<br>LED (day/night and presence sensors)           | On a natural moment - by refurbishment or a new buildin                              | g - placement of the most en  | ergy efficient lamps and fitting       | ıs (LED). Also investigate i          | f sensors (day/light and/or preso                        | nce) can be placed.   |                                       | All ICT offices                            |  |   |  |  |  |  |
| 3   | Buildings     | Optimalise climate installation (warming and<br>cooling)  | Optimalise climate installations. Every five year an invest<br>must be investigated. | lice climate installations. Every five year an investigation must be performed to conclude whether a climate installation is well tuned. In first place the turn on/off of ventiliations (out side work times) and the shut down of ventalitations<br>e investigated. |  |                                       |  |   |                                       |  |  |   |  |  |  |  |
| 4   | Buildings     | alding: Continuous stimulation of change in behaviour via<br>continuous campaigns and communication |  |   |  |                                       |  |   | All ICT offices                       |  |  |   |  |  |  |  |
| 5 Buildings Own energy generation (electricity) - at least 10% Consider if solar panels can be placed to generate own e   |               |   |  | centrgy.  |  |                                       |  |   |                                       |  | t least 10% use of own e                         | nergy as lowest limit. Tl   | e Deventer office is an                          | interesting possiblity.                          |  |  |
| 6 Buildings Registration and monitoring energy consumption - Munitoring - organize the periodically measurement of energy consumption data of all locations; analyse the results per entity and office and take actions if necessary. |               |   |  |   |  |                                       | All ICT offices need a smar<br>Barendrecht and Raster wo | All ICT offices such a most moto pur office or floor. In addition a usergy consumption duckboard must be made based on quarter data. The<br>Bareadreakt and Reater work shop already has smart motors. Dashboard will be build by Luttmer consulting. |                                       |  |  |   |  |  |  |  |
| 7   | Buildings     | Purchase green power (guarantees of origin)   | If grey power is purchased compensate this with the pu                               | power is purchased componente this with the purchase of guarantees of origins.  |  |                                       |  |   |                                       |  | T BV offices Eindhove                            | n, Deventer and Maastr  | icht does have grey po                           | ver.   |  |  |
| 8   | Buildings     | Optimalise setting ventilation  | Based on EED it is concluded that it is possbile that the                            | on EED it is concluded that it is possibile that the ventilitation is on during hours in which this is not necessary.   |  |                                       |  |   |                                       |  |  |   |  |  |  |  |
| 9   | Buildings     | Shut down IT equipment if possible  | Investigate if (ICT) equipment is turned on during hours                             | igste if (ICT) equipment is turned on during hours/periods in which this is not necessary. For example coffee machines, pc's and monitors.  |  |                                       |  |   |                                       |  | All ICT offices                                  |   |  |  |  |  |
| 10  | Mobility      | Sharping the norm emission of lease cars by a step<br>by-step basis                                 | The emission norm for lease cars will decrease step by s                             | nission norm for lesse cars will decrease step by step to 95 gran/km. This is based on the ANWB list for energy efficient cars.   |  |                                       |  |   |                                       |  |  | Investigate the possibility ot have an uniform lease arrangement for each ICT subsidiary. |  |  |  |  |
| 11  | Mobility      | Reducing use of (lease) cars  | Reduce number of car kilometers and relative number of                               | lease cars. Stimulate use of  | public transport, skype meetin         | gs etc.                               |  |   |                                       | ICT Group and his subsidiaries             |  |   |  |  |  |  |
| 12  | Mobility      | Campaign and activities to stimulate energy-<br>efficient driving                                   | Mobilty project to stimulate energy efficient use of vari                            | ous means of transport. In a  | ddition electric driving is heavi      | ly stimulated and various c           | ampaigns for a right tyres tension                       | are started. This to promote en   | argy efficient driving.               | ICT Group and his subsidiaries             |  |   |  |  |  |  |
| Roootitative targets  |               |   |  | Total energy<br>reduction (GJ)/year   | Energie-besparing<br>(GJ)/jaar in 2016 | Energy-reduction<br>(GJ)/year in 2017 | Energie-besparing<br>(GJ)/jaar in 2018                   | Energie-besparing<br>(GJ)/jaar in 2019  | Energy-reduction<br>(GJ)/year in 2020 | Total CO2-emission<br>reduction (ton)/year | CO2-emissie<br>reductie<br>(ton)/jaar in<br>2016 | CO2-emission<br>reduction<br>(ton)/year in<br>2017  | CO2-emissie<br>reductie<br>(ton)/jaar in<br>2018 | CO2-emissie<br>reductie<br>(ton)/jaar in<br>2019 | CO2-emission<br>reduction<br>(ton)/year in<br>2020 |  |
| Target buildings  |               |   |  | 1.731   | 287                                    | 604                                   | 1.118  | 1.570   | 2.036                                 | 28   | 3  | ז   | 12   | 24   | 81   |  |
| Target mobility   |               |   |  | 5.354   | 1.217                                  | 2.582                                 | 3.974  | 5.354   | 5.354                                 | 473  | 107  | 223   | 351  | 473  | 473  |  |
| Total target  |               |   |  | 7.085   | 1.504                                  | 3.186                                 | 5.032  | 6.324   | 7.450                                 | 501  | 110  | 236   | 363  | 498  | 555  |  |
| Primary energy consu  | ption & C     | co, emissions   |  | Consemption in<br>GMycar  |  | Consemption in<br>GJIyear             |  |   | Consemption in GJIyear                | CC :<br>emissions/year                     |  | CC ;<br>emissions/year  |  |  | CC ;<br>emissions/year                             |  |
| Total primary energy consu  | mption & tot  | al CO z omissions buildings   |  | 10.997  | 10.997                                 | 10.997                                | 10.997   | 10.397  | 10.397                                | 358  | 558  | 358   | 558  | 558  | 338  |  |
| Total primary energy consu  | mption & tot  | al CO $_{2}$ emissions mobility   |  | \$9.082   | \$9.082                                | \$9.082                               | \$9.082  | 59.082  | \$9.082                               | 4.552                                      | 4.552  | 4.552   | 4.552  | 4.552  | 4.552  |  |
| Total energy consumption  | e <i>co</i> , |   |  | 50.079  | 50.079                                 | 50.079                                | 50.079   | 50.079  | 50.079                                | 4.889                                      | 4.889  | 4.889   | 4.889  | 4.889  | 4.889  |  |
| Relative targets  |               |   |  |   |  |                                       |  |   |                                       |  |  |   |  |  |  |  |
| Target buildings  |               | relative to the primary energy consumption/CO,<br>emissions of buildings                            |  | 162   | 52                                     | 52                                    | 102  | 142   | 192                                   | 62   | 12   | 22  | 42   | 72   | 242  |  |
| Target mobility   |               | relative to the primary energy consumption/CQ<br>emissions of mobility                              |  | 142   | 32                                     | 72                                    | 102  | 142   | 142                                   | 102  | 22   | 52  | 82   | 102  | 102  |  |
| Total target  |               | relative to the total energy consumption/CO,<br>emissions of buildings & mobility                   |  | 142   | 32                                     | 62                                    | 102  | 142   | 152                                   | 102  | 22   | 52  | 72   | 102  | 112  |  |





#### Appendix C Detailed overview CO<sub>2</sub> emissions H1-2018 vs. H1-2017

| Company                           | Description energy sort  | H1-2018 -<br>consumption | Unity  | Emission<br>factor | H1-2018<br>CO <sub>2</sub> emission in ton | H1-2017<br>CO <sub>2</sub> emission in ton | Difference<br>CO <sub>2</sub> emission in ton | Difference % -<br>CO <sub>2</sub> emission in ton | Scope                          |
|-----------------------------------|--|--------------------------|--------|--------------------|--|--|---|---|--------------------------------|
| ICT Group N.V company only        | Alphabet Gasoline leasecars  |                          | Liters | 2,740              |  | 1,58                                       | -1,58   | -100%   | Scope 1 leasecars              |
| ICT Group N.V company only        | Athlon Diesel leasecars  | 1.281                    | Liters | 3,230              | 4,14                                       | 3,85                                       | 0,29  | 8%  | Scope 1 leasecars              |
| ICT Group N.V company only        | Alphabet Diesel leasecars  | 1.171                    | Liters | 3,230              | 3,78                                       | -  | 3,78  | 100%  | Scope 1 leasecars              |
| ICT Group N.V company only        | Leaseauto e-mobility public in kWh (grey)                                      | 8.488                    | KWh    |                    |  | 1,85                                       | -1,85   | -100%   | Scope 2 electricity e-mobility |
| ICT Group N.V company only        | Privat car with lease with lease compensation                                  | 1.599                    | km     | 0,220              | 0,35                                       | -  | 0,35  | 100%  | Scope 2 Private cars           |
| ICT Automatisering Nederland B.V. | Athlon gasoline lease cars   | 116.656                  | Liters | 2,740              | 319,64                                     | 263,01                                     | 56,63   | 22%   | Scope 1 leasecars              |
| ICT Automatisering Nederland B.V. | Century gasoline leasecars   | 4.349                    | Liters | 2,740              | 11,92                                      | 70,52                                      | -58,60  | -83%  | Scope 1 leasecars              |
| ICT Automatisering Nederland B.V. | Alphabet gasoline leasecars  | 28.909                   | Liters | 2,740              | 79,21                                      | 26,22                                      | 52,99   | 202%  | Scope 1 leasecars              |
| ICT Automatisering Nederland B.V. | Century diesel lease cars  | 21.427                   | Liters | 3,230              | 69,21                                      | 183,37                                     | -114,16                                       | -62%  | Scope 1 leasecars              |
| ICT Automatisering Nederland B.V. | Alphabet diesel lease cars   | 54                       | Liters | 3,230              | 173,06                                     | 89,53                                      | 83,53   | 93%   | Scope 1 leasecars              |
| ICT Automatisering Nederland B.V. | Athlon diesel lease cars   | 275.553                  | Liters | 3,230              | 890,04                                     | 838,42                                     | 51,62   | 6%  | Scope 1 leasecars              |
| ICT Automatisering Nederland B.V. | Leaseauto e-mobility public in kWh (grey)                                      | 8.473                    | kWh    |                    |  | 2,85                                       | -2,85   | -100%   | Scope 2 electricity e-mobility |
| ICT Automatisering Nederland B.V. | Leaseauto e-mobility offices in kWh (green)                                    | -                        | kWh    | 100                | 2  | -  | -   | 0%  | Scope 2 electricity e-mobility |
| ICT Automatisering Nederland B.V. | Electricity usage Green - Groningen (Guarantee of Origin)                      | 10.477                   | kWh    | -                  |  |  | -   | 0%  | Scope 2 electricity            |
| ICT Automatisering Nederland B.V. | Electricity usage Green - Oosterhout (Guarantee of Origin)                     | 35.736                   | kWh    | -                  |  | 20,93                                      | -20,93  | -100%   | Scope 2 electricity            |
| ICT Automatisering Nederland B.V. | Electricity usage Green - Rental house Veldhoven (Guarantee of<br>Origin)      | 1.290                    | kWh    | ~                  |  |  |   | 0%  | Scope 2 electricity            |
| ICT Automatisering Nederland B.V. | Electricity usage Green - Gorinchem (Guarantee of Origin)                      |                          | kWh    |                    |  |  |   | 0%  | Scope 2 electricity            |
| ICT Automatisering Nederland B.V. | Electricity usage Green SMK Wind - Bergen op Zoom                              | 26.956                   | kWh    | -                  |  | -  |   | 0%  | Scope 2 electricity            |
| ICT Automatisering Nederland B.V. | Electricity usage Green - Maastricht (Guarantee of Origin)                     | 2.674                    | kWh    | (m)                |  |  |   | 0%  | Scope 2 electricity            |
| ICT Automatisering Nederland B V  | Electricity usage Green SMK Wind - Barendrecht                                 | 77.973                   | kWh    | -                  |  |  |   | 0%  | Scope 2 electricity            |
| ICT Automatisering Nederland B.V. | Electricity usage Green - Deventer (Guarantee of Origin)                       | 84.509                   | kWh    |                    |  |  |   | 0%  | Scope 2 electricity            |
| ICT Automatisering Nederland B.V. | Electricity usage Green - Rental house Son en Breugel (Guarantee<br>of Origin) |                          | KWh    |                    | -  |  |   | 0%  | Scope 2 electricity            |
| ICT Automatisering Nederland B.V. | Electricity usage Green - Eindhoven (Guarantee of Origin)                      | 71.994                   | kWh    | -                  |  |  |   | 0%  | Scope 2 electricity            |
| ICT Automatisering Nederland B.V. | Gas usage - Groningen  | 2.031                    | m3     | 1,887              | 3,83                                       | 3,98                                       | -0,15   | -4%   | Scope 1 gas                    |
| ICT Automatisering Nederland B.V. | Gas usage rental house Veldhoven   | -                        | m3     | 1,887              |  | 1,76                                       | -1,76   | -100%   | Scope 1 gas                    |
| ICT Automatisering Nederland B.V. | Gas usage - Gorinchem  |                          | m3     | 1,887              |  | 3,77                                       | -3,77   | -100%   | Scope 1 gas                    |
| ICT Automatisering Nederland B.V. | Gas usage - Bergen op Zoom   | 5.528                    | m3     | 1,887              | 10,43                                      | 12,63                                      | -2,20   | -17%  | Scope 1 gas                    |
| ICT Automatisering Nederland B.V. | Gas usage - Deventer   | 9.507                    | m3     | 1,887              | 17,94                                      | 14,00                                      | 3,94  | 28%   | Scope 1 gas                    |
| ICT Automatisering Nederland B.V. | Gas usage rental house Son en Breugel  |                          | m3     | 1,887              | 2  | 3,21                                       | -3,21   | -100%   | Scope 1 gas                    |
| ICT Automatisering Nederland B.V. | Geothermal heating Barendrecht   | 802                      | Gj     | 25,060             | 20,10                                      | 20,10                                      | 30  | 0%  | Scope 2 WKO heating            |
| ICT Automatisering Nederland B.V. | Geothermal heating Eindhoven   | 1.139                    | Gj     | 25,060             | 28,54                                      | 28,54                                      |   | 0%  | Scope 2 WKO heating            |
| ICT Automatisering Nederland B.V. | Privat car with lease with lease compensation                                  | 926.908                  | km     | 0,220              | 203,92                                     | 174,91                                     | 29,01   | 17%   | Scope 2 Private cars           |
| ICT Automatisering Nederland B.V. | Public transport (train, taxi)   | 78.761                   | km     | 0,036              | 2,84                                       | 2,31                                       | 0,53  | 23%   | Scope 2 public transport       |
| ICT Automatisering Nederland B.V. | Business Flights <700 km   | 28.988                   | km     | 0,297              | 8,61                                       | 10,45                                      | -1,84   | -18%  | Scope 2 business flights       |
| ICT Automatisering Nederland B.V. | Business Flights 700-2500 km   | 550.519                  | km     | 0,200              | 110.10                                     | 17.77                                      | 92.33   | 520%  | Scope 2 business flights       |
| ICT Automatisering Nederland B.V. | Business Flights >2500 km  | 294 094                  | km     | 0.147              | 42.02                                      | 20.40                                      | 12.05   | 4296  | Coope 2 husiness flights       |



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| Company  | Description energy sort                          | consumption | Unity  | factor | CO <sub>2</sub> emission in ton | Scope                        |
|--|--|-------------|--------|--------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|
| Improve Quality Services B.V.                    | Century Gasoline leasecars                       | 14.944      | Liters | 2,740  | 40,95                           | 44,45                           | -3,50                           | -89                             | Scope 1 leasecars            |
| Improve Quality Services B.V.                    | Century Diesel leasecars                         | 5.666       | Liters | 3,230  | 18,30                           | 23,92                           | -5,62                           | -239                            | Scope 1 leasecars            |
| Improve Quality Services B.V.                    | Century e-mobility (grey)                        | -           | kWh    | ~      | -                               | 1,92                            | -1,92                           | -100%                           | Scope 2 electricity e-mobili |
| Improve Quality Services B.V.                    | Electricity usage Baarn (guarantee of origin)    | 4.230       | kWh    | ~      |                                 | 2,23                            | -2,23                           | -100%                           | Scope 2 electricity          |
| Improve Quality Services B.V.                    | Gas usage Baam                                   | 2.538       | m3     | 1,887  | 4,79                            | 4,79                            | -                               | 09                              | Scope 1 gas                  |
| Improve Quality Services B.V.                    | Privat car with lease with lease compensation    | 36.899      | km     | 0,220  | 8,12                            | 7,49                            | 0,63                            | 89                              | Scope 2 Private cars         |
| Improve Quality Services B.V.                    | Business Flights 700                             | -           | km     | 0,297  | -                               | 1,02                            | -1,02                           | -100%                           | Scope 2 business flights     |
| Improve Quality Services B.V.                    | Business Flights 700-2500 km                     | 3.326       | km     | 0,200  | 0,67                            |                                 | 0,67                            | 100%                            | Scope 2 business flights     |
| Improve Quality Services B.V.                    | Business Flights >2500 km                        | 11.150      | km     | 0,147  | 1,64                            | 1,19                            | 0,45                            | 38%                             | Scope 2 business flights     |
| Improve Quality Services B.V.                    | Public transport (train, taxi)                   | 9.277       | km     | 0,036  | 0,33                            | 0,50                            | -0,17                           | -349                            | Scope 2 public transport     |
| Raster Beheer B.V consolidated                   | Athlon leasecars - Gasoline                      | 526         | Liters | 2,740  | 1,44                            | 1,70                            | -0,26                           | -15%                            | Scope 1 leasecars            |
| Raster Beheer B.V consolidated                   | Century diesel leasecars                         | 2.973       | Liters | 3,230  | 9,60                            | 10,81                           | -1,21                           | -119                            | Scope 1 leasecars            |
| Raster Beheer B.V consolidated                   | Athlon diesel leasecars                          | 3.816       | Liters | 3,230  | 12.32                           | 9,15                            | 3,17                            | 35%                             | Scope 1 leasecars            |
| Raster Beheer B.V consolidated                   | Electricity usage Dreumel (guarantee of origin)  | 21.281      | kWh    | -      | -                               | 6,91                            | -6,91                           | -100%                           | Scope 2 electricity          |
| Raster Beheer B.V consolidated                   | Gas usage Dreumel                                | 1.181       | m3     | 1,887  | 2.23                            | 2.98                            | -0.75                           | -25%                            | Scope 1 gas                  |
| Raster Beheer B.V consolidated                   | Privat car with lease with lease compensation    | 33.977      | km     | 0,220  | 7,47                            | 8,14                            | -0,67                           | -8%                             | Scope 2 Private cars         |
| Raster Beheer B.V consolidated                   | Business Flights 700-2500 km                     | 3.484       | km     | 0,200  | 0.70                            | 1.56                            | -0.86                           | -55%                            | Scope 2 business flights     |
| Raster Beheer B.V consolidated                   | Business Flights >2500 km                        | 13.258      | km     | 0,147  | 1,95                            | 2,60                            | -0,65                           | -25%                            | Scope 2 business flights     |
| Buro Medische Automatisering B.V<br>consolidated | Leasecars - Gasoline                             | 6.911       | Liters | 2,740  | 18,94                           | 17,59                           | 1,35                            | 89                              | Scope 1 leasecars            |
| Buro Medische Automatisering B.V<br>consolidated | Leasecars - Diesel                               | 10.787      | Liters | 3,230  | 34,84                           | 21,80                           | 13,04                           | 60%                             | Scope 1 leasecars            |
| Buro Medische Automatisering B.V<br>consolidated | Electricity usage Houten (guarantee of origin)   | 33.054      | kWh    | ~      |                                 | 17,82                           | -17,82                          | -100%                           | Scope 2 electricity          |
| Buro Medische Automatisering B.V<br>consolidated | Gas usage Houten                                 | 9.561       | m3     | 1,887  | 18,04                           | 11,74                           | 6,30                            | 54%                             | Scope 1 gas                  |
| Buro Medische Automatisering B.V<br>consolidated | Electricity usage Bellegem (guarantee of origin) | 660         | kWh    | 1.01   |                                 | 0,43                            | -0,43                           | -100%                           | Scope 2 electricity          |
| consolidated                                     | Gas usage Bellegem                               | 198         | m3     | 1,887  | 0,37                            | 0,37                            | -                               | 09                              | Scope 1 gas                  |
| consolidated<br>Buro Medische Automatisering B.V | Privat car with lease with lease compensation    |             | km     | 0,220  |                                 | 0,36                            | -0,36                           | -1009                           | Scope 2 Private cars         |
| consolidated<br>Buro Medische Automatisering B.V | Business Flights <700 km                         | 15.214      | km     | 0,297  | 4,52                            | 3,04                            | 1,48                            | 49%                             | Scope 2 business flights     |
| consolidated<br>Buro Medische Automatisering B.V | Business Flights 700-2500 km                     | 53.676      | km     | 0,200  | 10,74                           | 16,13                           | -5,39                           | -33%                            | Scope 2 business flights     |
| consolidated                                     | Public transport (train, taxi)                   | 16.279      | km     | 0,036  | 0,59                            | 1,54                            | -0,95                           | -629                            | Scope 2 public transport     |
| Strypes EOOD                                     | Electricity usage Sofia                          | 99.869      | kWh    | -      |                                 | 45,55                           | -45,55                          | -100%                           | Scope 2 electricity          |
| Strypes EOOD                                     | Gas usage Sofia                                  | 7.587       | m3     | 1,887  | 14,32                           | 21,69                           | -7,37                           | -34%                            | Scope 1 gas                  |
| Strypes EOOD                                     | Business Flights <700 km                         | -           | km     | 0,297  |                                 | 0,69                            | -0,69                           | -100%                           | Scope 2 business flights     |
| Strypes EOOD                                     | Business Flights 700-2500 km                     | 497.400     | km     | 0,200  | 99,48                           | 104,27                          | -4,79                           | -59                             | Scope 2 business flights     |
| High Tech Solutions B.V.                         | Lease Gasoline                                   | -           | km     | 2,740  | -                               | 0,50                            | -0,50                           | -100%                           | Scope 1 leasecars            |
| High Tech Solutions B.V.                         | Lease Diesel                                     |             | km     | 3,230  |                                 | 4,34                            | -4,34                           | -100%                           | Scope 1 leasecars            |
| High Tech Solutions B.V.                         | Privat car with lease with lease compensation    | -           | km     | 0,220  | -                               | 2,20                            | -2,20                           | -100%                           | Scope 2 Private cars         |
| ICT Mobile                                       | Privat car with lease with lease compensation    | 5.966       | km     | 0,220  | 1,31                            | 4                               | 1,31                            | 100%                            | Scope 2 Private cars         |
| NedMobiel  | Alphabet - Lease Gasoline                        | 1.884       | Liters | 2,74   | 5,16                            | 3                               | 5,16                            | 100%                            | 6                            |
| NedMobiel  | Alphabet -Lease Diesel                           | 18.566      | Liters | 3,23   | 59,97                           |                                 | 59,97                           | 100%                            | à                            |
| NedMobiel  | Alphabet e-mobility (grey)                       | 1.408       | kWh    | 0      |                                 |                                 |                                 | 100%                            | ò                            |
|  |  |             |        |        | 2.379,69                        | 2.227,16                        | 152,53                          | 6,85%                           | à                            |
|  | Average FTE ICT Group NV excl. InTraffic         |             |        |        | 1.024                           | 940                             | 84,00                           | 8,94%                           |                              |
|  | CO2 ton per FTE                                  |             |        |        | 2 3 24                          | 2 37                            | 0.05                            | 1 929                           |                              |

