City Network

Report for environmental aspects 2021 based on 2020's consumption

Table of Contents

Summary of significant environmental aspects

The following environmental aspects have ended up above the average value when assessing the impact of all environmental aspects on the environment.

Environmental aspect	Poäng
Business trips	24
Purchase	16
Energy	15
Waste	13

Calculation of the significant environmental aspects

The significant environmental aspects are calculated as follows:

- Amount of consumption
- Impact on the environment
- External driving forces
- Internal opportunity to influence

A more comprehensive description of the above parts is described in the routine environmental management. Impact on the environment has been assessed on the basis of the environmental investigation carried out in 2020. Since a couple of environmental aspects have been merged, it has been used with the greatest impact. during the development of the environmental aspects for 2020.

The aspects that are valued are the following:

Business trips
- Air travel
- Train travel
- Car travel

Energy consumption
- In Sweden
- For other offices abroad where it is not part of the rent

Purchase
- Equipment for the offices such as electronics, furniture, consumables, etc.

- Hardware for the data centers located abroad

- Coffee, tea and fruit etc.

Waste
- Household waste

- Electronic scrap

Chemicals

- For cleaning

- For the diesel generator

Cold and extinguishing media

- To cool down the servers

- To extinguish any fire

Noise
- Diesel generator

Water
- Calculated per person

Business trips
The following trips were made in 2020

By plane	Round trips per year	Carbon dioxide emissions tons
Stockholm	16	4,21
London	1	0,55
By train		
Malmö	2	0,002
Within Stockholm approx. 40 km	20	0,001
By car		
Stockholm	7	4,59
Kallinge	8	0,32
Car sharing Stockholm approx. 20 km	26 one way	0,03
Amount		**9,7**

Amount	Measurement	Points
Negligible amount	<10 kg/liter/MWh	1
Small quantity	>10-100 kg/liter/MWh	2
Average amount	>100-1000 kg/liter/MWh	3
Big amount	>1 – 10 ton/m^3 /MWh	**4**
Very large amount	>10 – 100 ton/m^3 /MWh	5
Extremely_large amount	>100 ton/m^3 /MWh	6

Valuation business trips	
Points amount	4
Impact	9
Amount	13
Drivers	4
Opportunity to influence	7
Amount	24

Energy consumption

A large part of the energy purchased is eco-labeled. In cases where the halls are rented, City Network has set environmental requirements.

Electricity supplier	Facility	Annual consumption KWh
Affärsverken	Karlskrona	1 195 918
Affärsverken 16 rack	(Estimation)	517 120
Affärsverken kontorsel	(Estimation)	30 000
Interxion	Sweden	737 835
Digiplex	Sweden	155 851
Interxion	Germany (estimation)	570 000
Interexion	London (estimation)	100 000
Equinix	Dubai (estimation)	80 000
Colorcrossing	Buffalo (estimation)	66 000
Interxion	Danmark (estimation)	10 000
Amount		3 462 724

City Network conumes 2 538 866 KWh = 2 539 MWh per år

Amount	Measurement	Points
Negligible amount	<10 kg/liter/MWh	1
Small quantity	>10-100 kg/liter/MWh	2
Average amount	>100-1000 kg/liter/MWh	3
Big amount	>1 – 10 ton/m ^{3} /MWh	**4**
Very large amount	>10 – 100 ton/m ^{3} /MWh	5
Extremely_large amount	>100 ton/m ^{3} /MWh	6

Valuation energy	
Points amount	4
Impact	5
Amount	9
Drivers	2
Opportunity to influence	4
Amount	15

Purchase

City Network's purchases consist in part of furniture, computers and consumables for the offices. It is difficult to estimate the amount for this. Furniture that is of good quality lasts for several years, while for natural reasons more consumables are used.

Fruit, coffee and tea are available for the staff

In addition to this, City Network also rents data centers abroad, but installs the hardware itself and takes back used equipment to decommission it in Sweden.

There is a procurement policy that is used in cases where it is reasonable. For smaller purchases, priority is given to eco-labeled products.

The amount of purchases is difficult to calculate but is assessed as an average

Amount	Measurement	Points
Negligible amount	<10 kg/liter/MWh	1
Small quantity	>10-100 kg/liter/MWh	2
Average amount	>100-1000 kg/liter/MWh	**3**
Big amount	>1 – 10 ton/m ^{3} /MWh	4
Very large amount	>10 – 100 ton/m ^{3} /MWh	5
Extremely_large amount	>100 ton/m ^{3} /MWh	6

Valuation purchase	
Points amount	3
Impact	4
Amount	7
Drivers	2
Opportunity to influence	7
Amount	16

Waste

City Network's other waste consists of household waste such as combustible, compost, metal, glass, paper and cardboard. Other waste is electronic scrap, a few batteries, toner and lamps. All waste is sorted and disposed of according to the municipality's requirements. Stena takes care of the electronic scrap. Quantity during the year is difficult to calculate, but it is estimated to be around average

Amount	Measurement	Points
Negligible amount	<10 kg/liter/MWh	1
Small quantity	>10-100 kg/liter/MWh	2
Average amount	>100-1000 kg/liter/MWh	**3**
Big amount	>1 – 10 ton/m³ /MWh	4
Very large amount	>10 – 100 ton/m³ /MWh	5
Extremely_large amount	>100 ton/m³ /MWh	6

Valuation waste	
Points amount	3
Impact	5
Amount	8
Drivers	2
Opportunity to influence	3
Amount	13

Chemicals

City Network disposes of about 30 liters of chemicals per year. All new chemicals purchased are eco-labeled whenever possible. Spare units with diesel are generally not consumed.

Amount	Measurement	Points
Negligible amount	<10 kg/liter/MWh	1
Small quantity	>10-100 kg/liter/MWh	**2**
Average amount	>100-1000 kg/liter/MWh	3
Big amount	>1 – 10 ton/m^3/MWh	4
Very large amount	>10 – 100 ton/m^3/MWh	5
Extremely_large amount	>100 ton/m^3/MWh	6

Valuation chemicals	
Points amount	2
Impact	2
Amount	4
Drivers	
Opportunity to influence	
Amount	

Cold and extinguishing media

City Network använder både cold and extinguishing media.

Cold media are divided into:
R407C 22,7 kg
R 410 A 38 kg

Extinguishing media:
FM-200 210 kg

For other countries, the service is included in the rent

Amount	Measurement	Points
Negligible amount	<10 kg/liter/MWh	1
Small quantity	>10-100 kg/liter/MWh	2
Average amount	>100-1000 kg/liter/MWh	**3**
Big amount	>1 – 10 ton/m^3 /MWh	4
Very large amount	>10 – 100 ton/m^3 /MWh	5
Extremely_large amount	>100 ton/m^3 /MWh	6

Valuation cold and extinguishing media	
Points amount	3
Impact	1
Amount	4
Drivers	
Opportunity to influence	
Amount	

Noise

City Network does not cause any major noise. The diesel tank in the yard can cause some noise, but no complaints have been received.

Amount	Measurement	Points
Negligible amount	<10 kg/liter/MWh	**1**
Small quantity	>10-100 kg/liter/MWh	2
Average amount	>100-1000 kg/liter/MWh	3
Big amount	>1 – 10 ton/m ^{3} /MWh	4
Very large amount	>10 – 100 ton/m ^{3} /MWh	5
Extremely_large amount	>100 ton/m ^{3} /MWh	6

Valuation noise	
Points amount	1
Impact	0
Amount	1
Drivers	
Opportunity to influence	
Amount	

Water

City Network disposes of 655,650 liters of water per year according to calculations from Appendix 3 in the environmental investigation. The number of employees today is 47 people

Amount	Measurement	Points
Negligible amount	<10 kg/liter/MWh	1
Small quantity	>10-100 kg/liter/MWh	2
Average amount	>100-1000 kg/liter/MWh	3
Big amount	>1 – 10 ton/m³ /MWh	**4**
Very large amount	>10 – 100 ton/m³ /MWh	5
Extremely_large amount	>100 ton/m³ /MWh	6

Valuation water	
Points amount	4
Impact	1
Amount	5
Drivers	
Opportunity to influence	
Amount	