

2.409.636

Comment

With our new 2030 target decided this year, we will shift the base year to 2020 next year.

Scope 3 category 3: Fuel-and-energy-related activities (not included in Scope 1 or 2)

Base year start

Januar 1, 2017

Base year end

Dezember 31, 2017

Base year emissions (metric tons CO₂e)

790.242

Comment

With our new 2030 target decided this year, we will shift the base year to 2020 next year.

Scope 3 category 4: Upstream transportation and distribution

Base year start

Januar 1, 2017

Base year end

Dezember 31, 2017

Base year emissions (metric tons CO₂e)

756.299

Comment

With our new 2030 target decided this year, we will shift the base year to 2020 next year.

Scope 3 category 5: Waste generated in operations

Base year start

Januar 1, 2017

Base year end

Dezember 31, 2017

Base year emissions (metric tons CO₂e)

60.014

Comment

With our new 2030 target decided this year, we will shift the base year to 2020 next year.

Scope 3 category 6: Business travel

Base year start

Januar 1, 2017

Base year end

Dezember 31, 2017

Base year emissions (metric tons CO₂e)

103.502

Comment

With our new 2030 target decided this year, we will shift the base year to 2020 next year.

Scope 3 category 7: Employee commuting

Base year start

Januar 1, 2017

Base year end

Dezember 31, 2017

Base year emissions (metric tons CO₂e)

627.817

Comment

With our new 2030 target decided this year, we will shift the base year to 2020 next year.

Scope 3 category 8: Upstream leased assets

Base year start

Januar 1, 2017

Base year end

Dezember 31, 2017

Base year emissions (metric tons CO₂e)

0

Comment

Category not relevant with respect to DT scope 3 emissions but may get relevant in future.

Scope 3 category 9: Downstream transportation and distribution

Base year start

Januar 1, 2017

Base year end

Dezember 31, 2017

Base year emissions (metric tons CO₂e)

405.372

Comment

With our new 2030 target decided this year, we will shift the base year to 2020 next year.

Scope 3 category 10: Processing of sold products

Base year start

Januar 1, 2017

Base year end

Dezember 31, 2017

Base year emissions (metric tons CO₂e)

0

Comment

Category not relevant with respect to DT scope 3 emissions.

Scope 3 category 11: Use of sold products

Base year start

Januar 1, 2017

Base year end

Dezember 31, 2017

Base year emissions (metric tons CO₂e)

4.472.831

Comment

With our new 2030 target decided this year, we will shift the base year to 2020 next year. Indirect use phase emissions from devices not bought from DT will then be excluded from the base line, according to SBTi.

Scope 3 category 12: End of life treatment of sold products

Base year start

Januar 1, 2017

Base year end

Dezember 31, 2017

Base year emissions (metric tons CO₂e)

31.974

Comment

With our new 2030 target decided this year, we will shift the base year to 2020 next year.

Scope 3 category 13: Downstream leased assets

Base year start

Januar 1, 2017

Base year end

Dezember 31, 2017

Base year emissions (metric tons CO₂e)

1.044.356

Comment

With our new 2030 target decided this year, we will shift the base year to 2020 next year.

Scope 3 category 14: Franchises

Base year start

Januar 1, 2017

Base year end

Dezember 31, 2017

Base year emissions (metric tons CO₂e)

0

Comment

Category not relevant with respect to DT scope 3 emissions.

Scope 3 category 15: Investments

Base year start

Januar 1, 2022

Base year end

Dezember 31, 2022

Base year emissions (metric tons CO₂e)

32.616

Comment

Category not relevant with respect to DT scope 3 emissions, but is included within our scope 3 calculations in between.

As we reported emissions from investments for the first time in 2022, 2022 is set as the base year for scope 3 category 15

Scope 3: Other (upstream)

Base year start

Januar 1, 2017

Base year end

Dezember 31, 2017

Base year emissions (metric tons CO₂e)

0

Comment

Category not relevant with respect to DT scope 3 emissions.

Scope 3: Other (downstream)

Base year start

Januar 1, 2017

Base year end

Dezember 31, 2017

Base year emissions (metric tons CO₂e)

0

Comment

Category not relevant with respect to DT scope 3 emissions.

C5.3

(C5.3) Select the name of the standard, protocol, or methodology you have used to collect activity data and calculate emissions.

The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)

The Greenhouse Gas Protocol: Scope 2 Guidance

The Greenhouse Gas Protocol: Corporate Value Chain (Scope 3) Standard

C6. Emissions data

C6.1

(C6.1) What were your organization's gross global Scope 1 emissions in metric tons CO₂e?

Reporting year

Gross global Scope 1 emissions (metric tons CO₂e)

212.044

Comment

C6.2

(C6.2) Describe your organization's approach to reporting Scope 2 emissions.

Row 1

Scope 2, location-based

We are reporting a Scope 2, location-based figure

Scope 2, market-based

We are reporting a Scope 2, market-based figure

Comment

Market based scope 2 emissions based on specific electricity emissions factor (provider factor) per DT company. If no supplier factors are available, the country-related residual factor is used (based on the RE-DISS project of the European Commission). If there is no residual factor available either, the IEA factor is used (same as with the location-based method).

C6.3

(C6.3) What were your organization's gross global Scope 2 emissions in metric tons CO₂e?

Reporting year

Scope 2, location-based

4.232.913

Scope 2, market-based (if applicable)

21.019

Comment

Total electricity consumption is covered from renewable sources. The Scope 2, market-based emissions represents emissions from district heating and cooling.

C6.4

(C6.4) Are there any sources (e.g. facilities, specific GHGs, activities, geographies, etc.) of Scope 1, Scope 2 or Scope 3 emissions that are within your selected reporting boundary which are not included in your disclosure?

Yes

C6.4a

(C6.4a) Provide details of the sources of Scope 1, Scope 2, or Scope 3 emissions that are within your selected reporting boundary which are not included in your disclosure.

Source of excluded emissions

DT GBS Italia, DT GBS Belgium, Satellic NV Belgium, DT North America, DT Nordic, T -Systems Polska, DT GBS Turkey

Scope(s) or Scope 3 category(ies)

Scope 1

Scope 2 (location-based)

Scope 2 (market-based)

Relevance of Scope 1 emissions from this source

Emissions are not relevant

Relevance of location-based Scope 2 emissions from this source

Emissions are not relevant

Relevance of market-based Scope 2 emissions from this source

Emissions are not relevant

Relevance of Scope 3 emissions from this source

Date of completion of acquisition or merger

Estimated percentage of total Scope 1+2 emissions this excluded source represents

1

Estimated percentage of total Scope 3 emissions this excluded source represents

Explain why this source is excluded

Companies out of scope represent a number of small facilities with fewer employees. The emissions from these units therefore have no significant impact on the overall emissions of DT and can be considered as not relevant. The share in scope 1 and 2 emissions from all excluded units together is below 1% of the reported group wide scope 1 and 2 emissions.

Explain how you estimated the percentage of emissions this excluded source represents

The estimated percentage of emissions excluded from Scope 1 & 2 is calculated as share of revenues of companies included in Scope 1 & 2 and total revenues of all companies within DT.

C6.5

(C6.5) Account for your organization's gross global Scope 3 emissions, disclosing and explaining any exclusions.

Purchased goods and services

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO₂e)

3.903.545

Emissions calculation methodology

Supplier-specific method

Spend-based method

Average spend-based method

Percentage of emissions calculated using data obtained from suppliers or value chain partners

48

Please explain

In 2018 DT changed the methodology of calculating the scope 3 emissions from purchased goods and services for end-user devices and logistics. We evaluated the supplier answers in these categories for last year. We took the answers from relevant suppliers in these categories with reliable scope 3 emission data. Based on these answers we built an emission factor in g emissions per €. For end-user devices we added a 15% premium to this value as we assume that we get better discounts (means more emissions per €). The emission factors per € are multiplied with the respective emission factor per category. Depending on the quality of CDP supply chain data we are expanding the scope of our new scope 3 calculation approach. In 2020 we have been able to additionally apply this approach to financial services, food & catering and to facility services.

To calculate emissions from other purchased goods and services for the purchasing categories for which we are (due to data availability and/or data quality) not able to work with the CDP data, we are using sector-specific emission factors per € out of the Ecoinvent data base. We multiply the respective emission factors with the purchasing order volume in the relevant procurement categories.

Capital goods

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO₂e)

3.897.133

Emissions calculation methodology

Supplier-specific method

Spend-based method

Average spend-based method

Percentage of emissions calculated using data obtained from suppliers or value chain partners

49

Please explain

In 2018 DT changed the methodology of calculating the scope 3 emissions from capital goods for network infrastructure, IT HW and vehicles. We evaluated the supplier answers in these categories for last year. We took the answers from relevant suppliers in these categories with reliable scope 3 emission data. Based on these answers we built an emission factor in g emissions per €. For vehicles and IT HW we added a 15% premium to this value as we assume that we get better discounts than private customers (means more emissions per €).

To calculate emissions from other capital goods for the purchasing categories, for which we are (due to data availability and/or data quality) not able to work with the CDP data, we are using sector-specific emission factors per € out of the Ecoinvent data base. We multiply the respective emission factors with the purchasing order volume in the relevant procurement categories.

Fuel-and-energy-related activities (not included in Scope 1 or 2)

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO₂e)

546.771

Emissions calculation methodology

Fuel-based method

Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

Please explain

Emissions were calculated by SGS based on our energy consumption by using emission factors from the Ecoinvent data base (v 3) and the guideline from the German transports and logistics association (DSLVL).

Upstream transportation and distribution

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO₂e)

996.482

Emissions calculation methodology

Average spend-based method

Percentage of emissions calculated using data obtained from suppliers or value chain partners

48

Please explain

DT's CCF calculation approach considers in this category GHG emissions caused by the upstream transportation of purchased goods and capital goods including purchased end devices. Emissions are calculated based on estimations on the share of product/service costs related to transports. We assume a share of 5% for products and 1.5% for services. The respective share of the procurement volume is multiplied by the weighted average emissions factor from our logistic service providers.

Waste generated in operations

Evaluation status

Not relevant, calculated

Emissions in reporting year (metric tons CO₂e)

58.027

Emissions calculation methodology

Waste-type-specific method

Percentage of emissions calculated using data obtained from suppliers or value chain partners

100

Please explain

The calculation takes the total mass of generated waste in the reporting year into account as well as the annual generation of wastewater. Ecoinvent datasets for waste treatment were used for the emission calculation.

Business travel

Evaluation status

Not relevant, calculated

Emissions in reporting year (metric tons CO₂e)

28.726

Emissions calculation methodology

Distance-based method

Percentage of emissions calculated using data obtained from suppliers or value chain partners

100

Please explain

Actual data of business travel are tracked, and transport specific emission factors have been used to calculate GHG emissions. The applied emission factors for the different modes of travel are taken from the Ecoinvent database. The emissions from hotel stays are also included in the provided figure.

Employee commuting

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO₂e)

218.567

Emissions calculation methodology

Distance-based method

Percentage of emissions calculated using data obtained from suppliers or value chain partners

22

Please explain

Through groupwide employee attitude survey in 2021, nearly 48,000 employees gave indication about distance from home to work and mode of transportation. Results were used for extrapolation of all employees. In the results the emissions from weekly commuting (only for Germany) are included. Home office is also included in the figures, as it plays due to covid 19 an increasingly important role.

Upstream leased assets

Evaluation status

Not relevant, explanation provided

Please explain

There are no upstream leased assets under financial control of DT's German operations, that are not considered in the category purchased goods and services.

Downstream transportation and distribution

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO₂e)

325.900

Emissions calculation methodology

Other, please specify

Calculation from customer shop visits (number of customers * average distance in km * emission factor modal split)

Percentage of emissions calculated using data obtained from suppliers or value chain partners

20

Please explain

The emission calculation for Germany and Europe is based on the number of shop visitors, The average way to the shop and the emission factor for modal split per km. The results for 3 countries have been upscaled using the number customers.

Processing of sold products

Evaluation status

Not relevant, explanation provided

Please explain

DT as a service company does not produce any intermediate products for further processing.

Use of sold products

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO₂e)

1.347.915

Emissions calculation methodology

Other, please specify

Estimated average emissions per customer based on used devices, their electricity consumption, use patterns and relevant grid mix factor for electricity

Percentage of emissions calculated using data obtained from suppliers or value chain partners

56

Please explain

Direct and indirect use phase emissions were calculated by identifying product specific energy consumptions (from literature and own calculated product carbon footprints of services and their related use phase emissions) and the average energy mix in the respective countries. The number of devices per device category (e.g. smartphone or router etc.) is multiplied with the average annual electricity consumption (based on average product use) for the respective device category per country, multiplied by the average product lifetime (e.g 3 years) and the country specific electricity grid mix factor.

Use of sold products was differentiated into direct and indirect use phase emissions according to GHG protocol. Direct use emissions are accounted for sold products in the reporting year.

Indirect use phase emissions for the use of third party products to access DT services are according to SBTi requirements no longer part of the reported scope 3 use phase emissions. These indirect use phase emissions reached 2.6 mio. tons of carbon emissions in 2022.

End of life treatment of sold products

Evaluation status

Not relevant, calculated

Emissions in reporting year (metric tons CO₂e)

39.575

Emissions calculation methodology

Average product method

Percentage of emissions calculated using data obtained from suppliers or value chain partners

14

Please explain

DT's emission calculation covers average end of life emissions for each sold end user device, which stem mainly from internal and external Product Carbon Footprint studies. The number of devices is multiplied with the average end of life emissions per device.

Downstream leased assets

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO₂e)

891.667

Emissions calculation methodology

Average product method

Percentage of emissions calculated using data obtained from suppliers or value chain partners

94

Please explain

Amount of leased assets (especially routers and TV set top boxes) to end-customers were multiplied with the corresponding energy consumption of the products used and the average respective country specific emission factor for electricity. Same energy consumption data was applied as in category 11 use of sold products. Only the use phase emissions were taken into account.

All downstream leased assets which have been leased in the reporting year to end-customers were taken into account for the calculation.

For own T-branded devices LCAs have been performed.

Franchises

Evaluation status

Not relevant, explanation provided

Please explain

Emissions from franchises do not play an important role for DT. The total space DT uses in Germany is 8.9 million square meters. Own shops use less than 0.5% of this space. Emissions from buildings in Germany account for around 0.2 mio t CO₂e or around 15% of our total scope 1 and 2 emissions. The number of franchises is significantly lower than the number of T-Shops operated by DT. Beside this the average size of franchises shops is also below the size of the shops operated by DT. As a result, emissions from franchises represent below 0.1 % of our emissions and can be excluded from the calculation (also taken into consideration that high efforts are necessary to access the exact data).

Investments

Evaluation status

Not relevant, calculated

Emissions in reporting year (metric tons CO₂e)

32.616

Emissions calculation methodology

Asset-specific method

Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

Please explain

We calculated the carbon emissions from our biggest financial asset (share in BT) according to their published scope 1&2 emissions multiplied with our percentage of ownership.

Other (upstream)

Evaluation status

Not relevant, explanation provided

Please explain

All upstream GHG emissions according to GHG protocol has been accounted within existing 8 upstream categories.

Other (downstream)

Evaluation status

Not relevant, explanation provided

Please explain

All downstream GHG emissions according to GHG protocol has been accounted within existing 7 downstream categories.

C6.7

(C6.7) Are carbon dioxide emissions from biogenic carbon relevant to your organization?

No

C6.10

(C6.10) Describe your gross global combined Scope 1 and 2 emissions for the reporting year in metric tons CO₂e per unit currency total revenue and provide any additional intensity metrics that are appropriate to your business operations.

Intensity figure

0,0000020409

Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO₂e)

233.062

Metric denominator

unit total revenue

Metric denominator: Unit total

114.196.666.897

Scope 2 figure used

Market-based

% change from previous year

10

Direction of change

Decreased

Reason(s) for change

Other emissions reduction activities

Change in revenue

Please explain

Mainly driven by emission reduction activities DT reduced the scope 1 & 2 carbon emissions 2022 by 13,518 tons (from 246,580 tons to 233,062 tons) of carbon emissions or 5.5% against last year.

On the other hand DT revenues increased by 5% from 108,794 mio. € to 114,197 mio. €. The combination of these two effects enabled an overall reduction of our scope 1 & 2 emission intensity by 10% from 0.0000022665 to 0,0000020409.

Intensity figure

0,00162

Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO2e)

233.062

Metric denominator

Other, please specify

IP data volume in terabytes

Metric denominator: Unit total

143.881.975

Scope 2 figure used

Market-based

% change from previous year

15,2

Direction of change

Decreased

Reason(s) for change

Other emissions reduction activities

Change in output

Please explain

Mainly driven by emission reduction activities DT reduced the scope 1 & 2 carbon emissions 2022 by 13,518 tons (from 246,580 tons to 233,062 tons) of carbon emissions or 5.5% against last year.

On the other hand the data volume transported through our telecommunication networks increased by 11.4 % from 129,137,608 terrabytes to 143,881,975 terrabytes. the combination of these two effects enabled a decrease of the carbon emission intensity per terrabyte by 15.2 % from 0.00191 tons of carbon emission to 0.00162 tons of carbon emissions.

C7. Emissions breakdowns

C7.1

(C7.1) Does your organization break down its Scope 1 emissions by greenhouse gas type?

Yes

C7.1a

(C7.1a) Break down your total gross global Scope 1 emissions by greenhouse gas type and provide the source of each used greenhouse warming potential (GWP).

Greenhouse gas	Scope 1 emissions (metric tons of CO ₂ e)	GWP Reference
CO ₂	211.569,24	IPCC Fifth Assessment Report (AR5 – 100 year)
CH ₄	110,58	IPCC Fifth Assessment Report (AR5 – 100 year)
N ₂ O	363,84	IPCC Fifth Assessment Report (AR5 – 100 year)

C7.2

(C7.2) Break down your total gross global Scope 1 emissions by country/area/region.

Country/area/region	Scope 1 emissions (metric tons CO ₂ e)
Germany	108.541,59
Austria	1.681,59
Croatia	6.399,97
Czechia	2.109,79
Greece	14.390,67
Hungary	12.892,46
North Macedonia	1.030,64
Montenegro	694,99
Netherlands	262,02
Poland	1.856,02
Romania	941,52

Slovakia	6.544,09
Spain	375,21
United Kingdom of Great Britain and Northern Ireland	0
United States of America	53.818,89
Mexico	103,86
Denmark	24,92
France	52,96
Switzerland	225,25
Russian Federation	0,49
China	0
Singapore	0
Brazil	96,81
India	0

C7.3

(C7.3) Indicate which gross global Scope 1 emissions breakdowns you are able to provide.

By activity

C7.3c

(C7.3c) Break down your total gross global Scope 1 emissions by business activity.

Activity	Scope 1 emissions (metric tons CO2e)
Fixed Network N01	3.157,26
Mobile Network N02	20.053,76

Data Center N03	1.297,26
Mobility Fleet N06	122.196,24
Buildings (incl. IT equipment) N07	65.339,22

C7.5

(C7.5) Break down your total gross global Scope 2 emissions by country/area/region.

Country/area/region	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
Germany	722.019,42	13.395,83
Austria	25.459,8	392,27
Croatia	20.106,17	382,93
Greece	158.450,38	67,55
Hungary	38.551,4	3.160,65
North Macedonia	20.640,83	261,98
Montenegro	8.659,56	0
Netherlands	8.609,58	38,25
Poland	151.246,2	1.172,72
Romania	30.644,55	0
Slovakia	14.640,08	908,12
Spain	2.154,39	16,6
United Kingdom of Great Britain and Northern Ireland	285,88	0
United States of America	2.956.880,13	0
Mexico	241,86	0

Denmark	2,2	0
France	40,25	0
Switzerland	195,92	0
Russian Federation	148,31	0
China	167,56	0
Singapore	30,71	0
Brazil	960,62	0
India	1.732,25	0
Czechia	71.044,77	1.221,62

C7.6

(C7.6) Indicate which gross global Scope 2 emissions breakdowns you are able to provide.

By activity

C7.6c

(C7.6c) Break down your total gross global Scope 2 emissions by business activity.

Activity	Scope 2, location-based (metric tons CO ₂ e)	Scope 2, market-based (metric tons CO ₂ e)
Fixed network N01	491.284,72	0
Mobile Network N02	3.253.353,07	0
Data Center N03	233.750,5	5,6
Mobility Fleet N06	1.039,79	0
Buildings (incl. IT equipment) N07	253.484,74	21.012,92

C7.7

(C7.7) Is your organization able to break down your emissions data for any of the subsidiaries included in your CDP response?

Yes

C7.7a

(C7.7a) Break down your gross Scope 1 and Scope 2 emissions by subsidiary.

Subsidiary name

T-Mobile US

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

53.819

Scope 2, location-based emissions (metric tons CO₂e)

2.952.580

Scope 2, market-based emissions (metric tons CO₂e)

0

Comment

Subsidiary name

DT IT & Telecommunications Slovakia

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

221

Scope 2, location-based emissions (metric tons CO₂e)

130

Scope 2, market-based emissions (metric tons CO₂e)

0

Comment

Subsidiary name

DT Systems Solutions Hungary

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

648

Scope 2, location-based emissions (metric tons CO₂e)

566

Scope 2, market-based emissions (metric tons CO₂e)

97

Comment

Subsidiary name

Software Daten Service

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

0

Scope 2, location-based emissions (metric tons CO₂e)

44

Scope 2, market-based emissions (metric tons CO₂e)

15

Comment

Subsidiary name

T-Systems Austria

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

373

Scope 2, location-based emissions (metric tons CO₂e)

1.775

Scope 2, market-based emissions (metric tons CO₂e)

58

Comment

Subsidiary name

T-Systems Brasil

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

97

Scope 2, location-based emissions (metric tons CO₂e)

961

Scope 2, market-based emissions (metric tons CO2e)

0

Comment

Subsidiary name

T-Systems China

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

0

Scope 2, location-based emissions (metric tons CO₂e)

147

Scope 2, market-based emissions (metric tons CO₂e)

0

Comment

Subsidiary name

T-Systems France

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

53

Scope 2, location-based emissions (metric tons CO₂e)

40

Scope 2, market-based emissions (metric tons CO₂e)

0

Comment

Subsidiary name

T-Systems Iberia

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

366

Scope 2, location-based emissions (metric tons CO₂e)

2.119

Scope 2, market-based emissions (metric tons CO₂e)

0

Comment

Subsidiary name

T-Systems India

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

0

Scope 2, location-based emissions (metric tons CO₂e)

1.386

Scope 2, market-based emissions (metric tons CO₂e)

0

Comment

Subsidiary name

T-Systems Mexico

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

104

Scope 2, location-based emissions (metric tons CO₂e)

242

Scope 2, market-based emissions (metric tons CO₂e)

0

Comment

Subsidiary name

T-Systems Netherlands

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

262

Scope 2, location-based emissions (metric tons CO₂e)

8.610

Scope 2, market-based emissions (metric tons CO₂e)

38

Comment

Subsidiary name

T-Systems Nordic

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

25

Scope 2, location-based emissions (metric tons CO₂e)

2

Scope 2, market-based emissions (metric tons CO₂e)

0

Comment

Subsidiary name

T-Systems North America

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

0

Scope 2, location-based emissions (metric tons CO₂e)

4.300

Scope 2, market-based emissions (metric tons CO₂e)

0

Comment

Subsidiary name

T-Systems RUS

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

0

Scope 2, location-based emissions (metric tons CO₂e)

33

Scope 2, market-based emissions (metric tons CO₂e)

0

Comment

Due to the war in Ukraine, the subsidiary ceased operations in the first quarter of 2022.

Subsidiary name

T-Systems Switzerland

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO2e)

225

Scope 2, location-based emissions (metric tons CO2e)

196

Scope 2, market-based emissions (metric tons CO2e)

0

Comment

Subsidiary name

T-Systems Singapore

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

0

Scope 2, location-based emissions (metric tons CO₂e)

31

Scope 2, market-based emissions (metric tons CO₂e)

0

Comment

Subsidiary name

DT Systems Solutions Slovakia

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

392

Scope 2, location-based emissions (metric tons CO₂e)

195

Scope 2, market-based emissions (metric tons CO₂e)

0

Comment

Subsidiary name

T-Systems UK

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

0

Scope 2, location-based emissions (metric tons CO₂e)

286

Scope 2, market-based emissions (metric tons CO₂e)

0

Comment

Subsidiary name

DT Group in Germany

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

108.542

Scope 2, location-based emissions (metric tons CO₂e)

722.019

Scope 2, market-based emissions (metric tons CO₂e)

13.396

Comment

DT Group in Germany includes subsidiaries operating in Germany. Due to the large number of companies, are reported as DT Group Germany.

Subsidiary name

DT GBS China (HK)

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

0

Scope 2, location-based emissions (metric tons CO₂e)

20

Scope 2, market-based emissions (metric tons CO₂e)

0

Comment

Subsidiary name

DT GBS Iberia

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

9

Scope 2, location-based emissions (metric tons CO₂e)

35

Scope 2, market-based emissions (metric tons CO₂e)

17

Comment

Subsidiary name

DTGBS RUS

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

0

Scope 2, location-based emissions (metric tons CO₂e)

1

Scope 2, market-based emissions (metric tons CO₂e)

0

Comment

Due to the war in Ukraine, the subsidiary ceased operations in the first quarter of 2022.

Subsidiary name

DT IT & TC Hungary

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

507

Scope 2, location-based emissions (metric tons CO₂e)

443

Scope 2, market-based emissions (metric tons CO₂e)

76

Comment

Subsidiary name

DT IT RUS

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

0,49

Scope 2, location-based emissions (metric tons CO₂e)

114

Scope 2, market-based emissions (metric tons CO₂e)

0

Comment

Due to the war in Ukraine, the subsidiary ceased operations in the first quarter of 2022.

Subsidiary name

Cosmote Group Greece

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

11.194

Scope 2, location-based emissions (metric tons CO₂e)

83.721

Scope 2, market-based emissions (metric tons CO₂e)

0

Comment

The data are reported within the Cosmote group and include the following subsidiaries: Cosmote Technical Service, Cosmote s.a., Germanos s.a., Cosmote E-Value

Subsidiary name

Crnogorski Telekom

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

695

Scope 2, location-based emissions (metric tons CO₂e)

8.660

Scope 2, market-based emissions (metric tons CO₂e)

0

Comment

Subsidiary name

DTSE Czech Republic

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

5

Scope 2, location-based emissions (metric tons CO₂e)

43

Scope 2, market-based emissions (metric tons CO₂e)

0

Comment

Subsidiary name

DTSE Romania

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

0

Scope 2, location-based emissions (metric tons CO₂e)

42

Scope 2, market-based emissions (metric tons CO₂e)

0

Comment

Subsidiary name

DTSE Slovakia

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

9

Scope 2, location-based emissions (metric tons CO₂e)

60

Scope 2, market-based emissions (metric tons CO₂e)

0

Comment

Subsidiary name

Magyar Telekom Hungary

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

11.737

Scope 2, location-based emissions (metric tons CO₂e)

37.543

Scope 2, market-based emissions (metric tons CO2e)

2.988

Comment

Subsidiary name

Makedonski Telekom

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

1.031

Scope 2, location-based emissions (metric tons CO₂e)

20.641

Scope 2, market-based emissions (metric tons CO₂e)

262

Comment

Subsidiary name

OTE

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

3.196

Scope 2, location-based emissions (metric tons CO₂e)

74.730

Scope 2, market-based emissions (metric tons CO₂e)

68

Comment

The data are reported within the OTE group and include the following subsidiaries: OTE s.a. and OTE Globe

Subsidiary name

Slovak Telekom

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

5.897

Scope 2, location-based emissions (metric tons CO₂e)

14.067

Scope 2, market-based emissions (metric tons CO₂e)

774

Comment

Subsidiary name

Telekom Romania Mobile

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

790

Scope 2, location-based emissions (metric tons CO₂e)

27.465

Scope 2, market-based emissions (metric tons CO₂e)

0

Comment

Subsidiary name

T-HT Hrvatski Telekom

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

6.400

Scope 2, location-based emissions (metric tons CO₂e)

20.106

Scope 2, market-based emissions (metric tons CO₂e)

383

Comment

Subsidiary name

T-Mobile Austria

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

1.309

Scope 2, location-based emissions (metric tons CO₂e)

23.641

Scope 2, market-based emissions (metric tons CO₂e)

319

Comment

Subsidiary name

T-Mobile Czech Republic

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

2.105

Scope 2, location-based emissions (metric tons CO₂e)

71.002

Scope 2, market-based emissions (metric tons CO₂e)

1.222

Comment

Subsidiary name

T-Mobile Polska

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

1.856

Scope 2, location-based emissions (metric tons CO₂e)

151.246

Scope 2, market-based emissions (metric tons CO₂e)

1.173

Comment

Subsidiary name

DT Digital Labs

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

0

Scope 2, location-based emissions (metric tons CO₂e)

346

Scope 2, market-based emissions (metric tons CO₂e)

0

Comment

Subsidiary name

GTS Romania

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO2e)

152

Scope 2, location-based emissions (metric tons CO2e)

3.137

Scope 2, market-based emissions (metric tons CO2e)

0

Comment

Subsidiary name

DTCloud Services

Primary activity

Telecommunications services

Select the unique identifier(s) you are able to provide for this subsidiary

No unique identifier

ISIN code – bond

ISIN code – equity

CUSIP number

Ticker symbol

SEDOL code

LEI number

Other unique identifier

Scope 1 emissions (metric tons CO₂e)

25

Scope 2, location-based emissions (metric tons CO₂e)

188

Scope 2, market-based emissions (metric tons CO₂e)

134

Comment

C7.9

(C7.9) How do your gross global emissions (Scope 1 and 2 combined) for the reporting year compare to those of the previous reporting year?

Decreased

C7.9a

(C7.9a) Identify the reasons for any change in your gross global emissions (Scope 1 and 2 combined), and for each of them specify how your emissions compare to the previous year.

	Change in emissions (metric tons CO ₂ e)	Direction of change in emissions	Emissions value (percentage)	Please explain calculation
Change in renewable energy consumption	381	Increased	0,15	The renewable energy consumption last years decreased by 19 Gwh from 12,281 to 12,262 Gwh. The calculated effect is an increase of carbon emissions by 381 tons. $381 \text{ tons} / 246,581 \text{ tons} * 100\% = 0.15\%$.
Other emissions reduction activities	40.734	Decreased	16,5	Emission reductions by emission reduction activities reported in our ESG data collection system have reached 765.15 GWh in electricity consumption and 110.82 Gwh in fossil fuels. Emission reductions from from emission reduction measures including fleet electrification, reduction in the number of fleet vehicles and building optimizations as well as network energy efficiency gains reached 40,734 tons of carbon emissions in 2022. $40,734 \text{ tons} / 246,581 \text{ tons} * 100\% = 16.5\%$.
Divestment	1.805,33	Decreased	0,73	Subsidiaries T-Systems Malaysia and T-Mobile Netherlands were been sold at the end of 2021. Change of emissions compared with emissions 2021 (1,805.33 tCO ₂ e). $1,805.33 \text{ tons} / 246,581 \text{ tons} * 100\% = 0.73\%$.
Acquisitions	0	No change	0	No relevant acquisitions in 2022.
Mergers	0	No change	0	No relevant mergers in 2022.
Change in output	28.075	Increased	11,4	The data volume transported through DT networks increased in 2022 by 11.4% from 129,137,608 to 143,881,975 terabyte. Based on the scope 1&2 emissions of

				246,279 metric tons of CO ₂ e emissions in 2021, the increase by change of output was 28,075 tons. $28,075 \text{ tons} / 246,581 \text{ tons} * 100\% = 11.4\%$.
Change in methodology	0	No change	0	No change in the methodology in 2022.
Change in boundary	564,95	Increased	0,23	From 2022 subsidiaries GTS Telecom s.r.l. and Orbit are newly included (569.03 tCO ₂ e) and DT GBS Russia, IT Systems Russia and IT Solutions Russia were excluded (4.08 tCO ₂ e) after the first quarter of 2022. Change of emissions compared with emissions 2021 (564.95 tCO ₂ e). $564.95 \text{ tons} / 246581 \text{ tons} * 100\% = 0.23\%$.
Change in physical operating conditions	0	No change	0	No relevant change in physical operating conditions in 2022.
Unidentified	0	No change	0	No unidentified changes in 2022.
Other	0		0	No other changes in 2022.

C7.9b

(C7.9b) Are your emissions performance calculations in C7.9 and C7.9a based on a location-based Scope 2 emissions figure or a market-based Scope 2 emissions figure?

Market-based

C8. Energy

C8.1

(C8.1) What percentage of your total operational spend in the reporting year was on energy?

More than 0% but less than or equal to 5%

C8.2

(C8.2) Select which energy-related activities your organization has undertaken.

	Indicate whether your organization undertook this energy-related activity in the reporting year
Consumption of fuel (excluding feedstocks)	Yes
Consumption of purchased or acquired electricity	Yes
Consumption of purchased or acquired heat	Yes
Consumption of purchased or acquired steam	No
Consumption of purchased or acquired cooling	Yes
Generation of electricity, heat, steam, or cooling	Yes

C8.2a

(C8.2a) Report your organization's energy consumption totals (excluding feedstocks) in MWh.

	Heating value	MWh from renewable sources	MWh from non-renewable sources	Total (renewable and non-renewable) MWh
Consumption of fuel (excluding feedstock)	LHV (lower heating value)	2.742,32	890.917,08	893.659,4
Consumption of purchased or acquired electricity		12.251.375,11	0	12.251.375,11
Consumption of purchased or acquired heat		0	99.957,3	99.957,3
Consumption of purchased or acquired cooling		3.899	0	3.899

Consumption of self-generated non-fuel renewable energy		4.432		4.432
Total energy consumption		12.262.448,43	990.874,38	13.253.322,81

C8.2b

(C8.2b) Select the applications of your organization's consumption of fuel.

	Indicate whether your organization undertakes this fuel application
Consumption of fuel for the generation of electricity	Yes
Consumption of fuel for the generation of heat	Yes
Consumption of fuel for the generation of steam	No
Consumption of fuel for the generation of cooling	Yes
Consumption of fuel for co-generation or tri-generation	Yes

C8.2c

(C8.2c) State how much fuel in MWh your organization has consumed (excluding feedstocks) by fuel type.

Sustainable biomass

Heating value

Unable to confirm heating value

Total fuel MWh consumed by the organization

0

MWh fuel consumed for self-generation of electricity

0

MWh fuel consumed for self-generation of heat

0

MWh fuel consumed for self-generation of cooling

0

MWh fuel consumed for self- cogeneration or self-trigeneration

0

Comment

Other biomass

Heating value

Unable to confirm heating value

Total fuel MWh consumed by the organization

0

MWh fuel consumed for self-generation of electricity

0

MWh fuel consumed for self-generation of heat

0

MWh fuel consumed for self-generation of cooling

0

MWh fuel consumed for self- cogeneration or self-trigeneration

0

Comment

Other renewable fuels (e.g. renewable hydrogen)

Heating value

LHV

Total fuel MWh consumed by the organization

2.742,32

MWh fuel consumed for self-generation of electricity

0

MWh fuel consumed for self-generation of heat

2.587,4

MWh fuel consumed for self-generation of cooling

0

MWh fuel consumed for self- cogeneration or self-trigeneration

0

Comment

In the category "Other renewable fuels" we have included the consumption of biogas (2587.40 MWh) and Ethanol used as fuel for vehicle cars (154.92 MWh).

Coal

Heating value

Unable to confirm heating value

Total fuel MWh consumed by the organization

0

MWh fuel consumed for self-generation of electricity

0

MWh fuel consumed for self-generation of heat

0

MWh fuel consumed for self-generation of cooling

0

MWh fuel consumed for self- cogeneration or self-trigeneration

0

Comment

Oil

Heating value

LHV

Total fuel MWh consumed by the organization

41.769,51

MWh fuel consumed for self-generation of electricity

0

MWh fuel consumed for self-generation of heat

41.769,51

MWh fuel consumed for self-generation of cooling

0

MWh fuel consumed for self- cogeneration or self-trigeneration

0

Comment

In the category "Heating oil" we have included only the consumption of Heating oil (41,769.51 MWh).

Gas

Heating value

LHV

Total fuel MWh consumed by the organization

285.919,53

MWh fuel consumed for self-generation of electricity

0

MWh fuel consumed for self-generation of heat

281.091,86

MWh fuel consumed for self-generation of cooling

0

MWh fuel consumed for self- cogeneration or self-trigeneration

0

Comment

In the category "Gas" we have included the consumption of Natural gas (281,091.86 MWh) used for heating and also Natural gas used as fuel for vehicle cars (4,827.67 MWh).

Other non-renewable fuels (e.g. non-renewable hydrogen)

Heating value

LHV

Total fuel MWh consumed by the organization

563.131,05

MWh fuel consumed for self-generation of electricity

77.218,27

MWh fuel consumed for self-generation of heat

5.113,97

MWh fuel consumed for self-generation of cooling

0

MWh fuel consumed for self- cogeneration or self-trigeneration

0

Comment

In the category "Other non-renewable fuels" we have included the consumption of Propan-Butan (5113.97 MWh) used for generation of heat, Diesel (77,125.67 MWh), Gasoline (92.60 MWh) used for generation of electricity and Diesel (318,303.28 MWh), Gasoline (162,495.53 MWh) used as fleet fuel.

Total fuel

Heating value

LHV

Total fuel MWh consumed by the organization

893.562,41

MWh fuel consumed for self-generation of electricity

77.218,27

MWh fuel consumed for self-generation of heat

330.562,74

MWh fuel consumed for self-generation of cooling

0

MWh fuel consumed for self- cogeneration or self-trigeneration

0

Comment

The total value of fuel consumed by the organization was 893562.41 MWh = 77,218.27 MWh (electricity) + 330,562.74 MWh (heat) + 485,781.40 MWh (fleet fuel).

C8.2d

(C8.2d) Provide details on the electricity, heat, steam, and cooling your organization has generated and consumed in the reporting year.

	Total Gross generation (MWh)	Generation that is consumed by the organization (MWh)	Gross generation from renewable sources (MWh)	Generation from renewable sources that is consumed by the organization (MWh)
Electricity	4.488,74	4.354	4.488,74	4.354
Heat	78	78	78	78
Steam	0	0	0	0
Cooling	3.899	3.899	3.899	3.899

C8.2g

(C8.2g) Provide a breakdown by country/area of your non-fuel energy consumption in the reporting year.

Country/area

Austria

Consumption of purchased electricity (MWh)

208.896,07

Consumption of self-generated electricity (MWh)

30

Is this electricity consumption excluded from your RE100 commitment?

No

Consumption of purchased heat, steam, and cooling (MWh)

2.728,98

Consumption of self-generated heat, steam, and cooling (MWh)

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

211.655,05

Country/area

Brazil

Consumption of purchased electricity (MWh)

10.285

Consumption of self-generated electricity (MWh)

0

Is this electricity consumption excluded from your RE100 commitment?

No

Consumption of purchased heat, steam, and cooling (MWh)

0

Consumption of self-generated heat, steam, and cooling (MWh)

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

10.285

Country/area

Switzerland

Consumption of purchased electricity (MWh)

7.900

Consumption of self-generated electricity (MWh)

0

Is this electricity consumption excluded from your RE100 commitment?

No

Consumption of purchased heat, steam, and cooling (MWh)

0

Consumption of self-generated heat, steam, and cooling (MWh)

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

7.900

Country/area

China

Consumption of purchased electricity (MWh)

270,12

Consumption of self-generated electricity (MWh)

0

Is this electricity consumption excluded from your RE100 commitment?

No

Consumption of purchased heat, steam, and cooling (MWh)

0

Consumption of self-generated heat, steam, and cooling (MWh)

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

270,12

Country/area

Czechia

Consumption of purchased electricity (MWh)

169.720,83

Consumption of self-generated electricity (MWh)

4

Is this electricity consumption excluded from your RE100 commitment?

No

Consumption of purchased heat, steam, and cooling (MWh)

4.600

Consumption of self-generated heat, steam, and cooling (MWh)

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

174.324,83

Country/area

Germany

Consumption of purchased electricity (MWh)

2.266.145,16

Consumption of self-generated electricity (MWh)

2.390,83

Is this electricity consumption excluded from your RE100 commitment?

No

Consumption of purchased heat, steam, and cooling (MWh)

69.386,9

Consumption of self-generated heat, steam, and cooling (MWh)

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

2.337.922,89

Country/area

Denmark

Consumption of purchased electricity (MWh)

23,25

Consumption of self-generated electricity (MWh)

0

Is this electricity consumption excluded from your RE100 commitment?

No

Consumption of purchased heat, steam, and cooling (MWh)

0

Consumption of self-generated heat, steam, and cooling (MWh)

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

23,25

Country/area

Spain

Consumption of purchased electricity (MWh)

8.988

Consumption of self-generated electricity (MWh)

64

Is this electricity consumption excluded from your RE100 commitment?

No

Consumption of purchased heat, steam, and cooling (MWh)

3.985

Consumption of self-generated heat, steam, and cooling (MWh)

64

Total non-fuel energy consumption (MWh) [Auto-calculated]

13.101

Country/area

France

Consumption of purchased electricity (MWh)

783,17

Consumption of self-generated electricity (MWh)

0

Is this electricity consumption excluded from your RE100 commitment?

No

Consumption of purchased heat, steam, and cooling (MWh)

0

Consumption of self-generated heat, steam, and cooling (MWh)

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

783,17

Country/area

United Kingdom of Great Britain and Northern Ireland

Consumption of purchased electricity (MWh)

1.463,78

Consumption of self-generated electricity (MWh)

0

Is this electricity consumption excluded from your RE100 commitment?

No

Consumption of purchased heat, steam, and cooling (MWh)

0

Consumption of self-generated heat, steam, and cooling (MWh)

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

1.463,78

Country/area

Greece

Consumption of purchased electricity (MWh)

423.370,27

Consumption of self-generated electricity (MWh)

219,5

Is this electricity consumption excluded from your RE100 commitment?

No

Consumption of purchased heat, steam, and cooling (MWh)

349,89

Consumption of self-generated heat, steam, and cooling (MWh)

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

423.939,66

Country/area

Croatia