



Sibelga

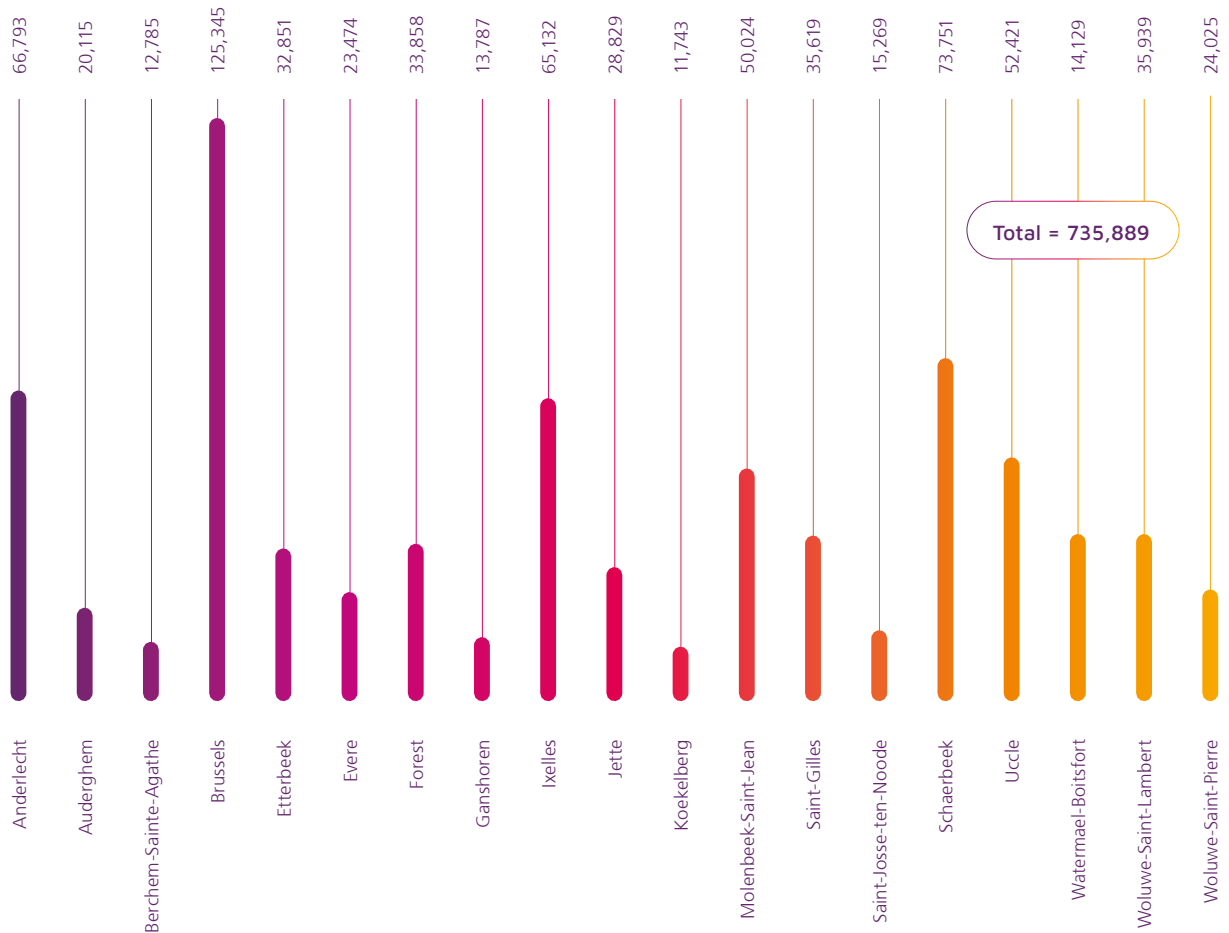
Statistics 2022

Electricity

Supply points

	2022	2021	2020
Number of supply points	735,889	732,244	727,172
Inactive supply points	57,330	59,568	58,788
Active supply points	678,559	672,676	668,384

Number of supply points per municipality*



* From MIG6 onwards, the meter reading is done on the Service Delivery Points.

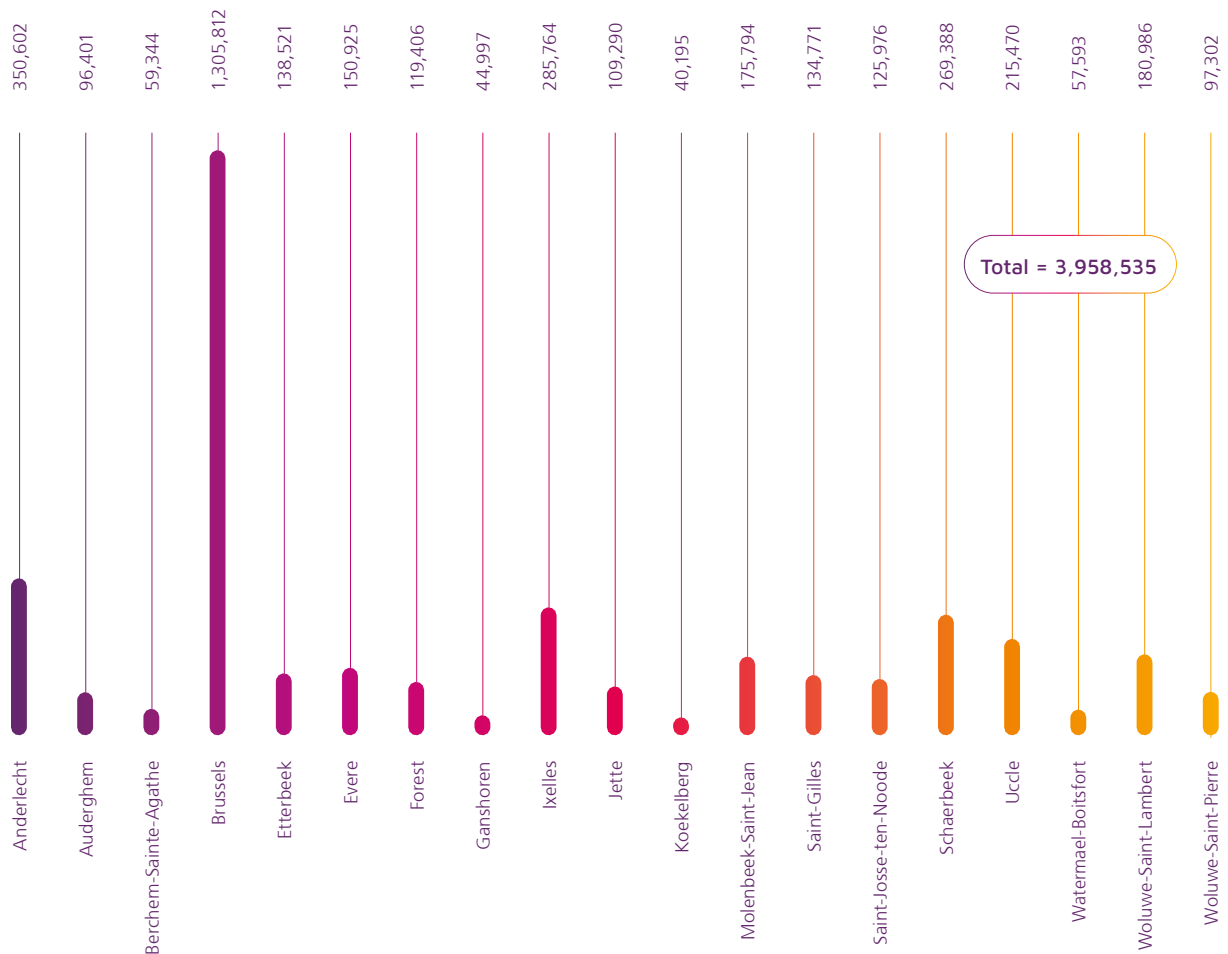
Transmission

	2022	2021	2020
Electricity transmitted* (MWh)	3,958,535	4,125,938	4,129,682
Electricity injected** (MWh)	4,133,915	4,212,811	4,238,309
Loss rate (%)	3,03%	3,03%	3,03%

* The amount of electricity transmitted on the distribution networks and billed to suppliers.

** The amount of electricity measured at the grid entry point and the energy produced and injected into the grid.

Electricity transmitted per municipality (MWh)



Billing

	2022	2021	2020
Grid Fee* (euros)	218,780,582.05	213,558,843.39	210,039,243.06

* A fee charged to suppliers for the use of the electricity distribution networks.

Network infrastructure

	2022	2021	2020
Number of meters	729,147*	724,044	721,223
<i>electromechanical meters</i>	673,422*	680,544	685,683
<i>electronic meters</i>	14,010*	14,109	14,110
<i>smart meters</i>	41,715*	29,391	21,430
Number of low voltage connections (with and without meter)	215,980	215,768	216,408
Number of low voltage cabinets and underground junction boxes	5,849	5,810	5,794
Number of "network" high voltage substations	3,043	3,049	3,063
Number of "customer" high-voltage substations	2,719	2,735	2,754
Number of distribution substations and dispersion substations (high voltage)	80	81	86
Number of supply points (interface with Elia)	46	46	46

* situation as at 31/01/2023

Network length

	2022	2021	2020
Network length (km)	6,458.6	6,420.6	6,428.1
High voltage (100% underground)	2,163.0	2,172.5	2,191.8
Low voltage	4,295.6	4,248.1	4,236.3
<i>Underground</i>	4,278.0	4,230.4	4,218.5
<i>Overhead</i>	17.7	17.7	17.8

Network reliability

	2022	2021	2020
Annual peak (maximum power demand)	730.1 Wednesday 26 January	746.3 Wednesday 10 February	765.6 Friday 24 January
High-voltage network			
Fault frequency per 100 km of cable	4.9	5.2	5.5
Number of incidents* with customer disconnection	135	151	138
Average duration of downtime**	0:10:42	0:11:29	0:10:27
<i>Due to incidents on the distribution network (Sibelga)</i>	0:07:54	0:08:00	0:09:01
<i>Due to incidents on the transmission network (Elia)</i>	0:02:48	0:03:29	0:01:25
<i>As a result of incidents related to SGA assets (excluding third party networks and caused by third parties)</i>	0:05:46	0:06:08	0:07:22
Average recovery time***	0:42:51	0:40:32	0:35:25
Low voltage network			
Number of supply interruptions (excluding meter incidents)	1,942	2,177	2,073
Average duration of downtime**	0:12:22	0:12:34	0:12:16
****	0:09:23	0:10:29	0:10:10
Average recovery time***	2:29:15	2:20:23	2:25:06

* Interruption of more than 3 minutes affecting all or part of the network.

** Average annual interruption per network user.

*** Average interruption per substation affected by an incident.

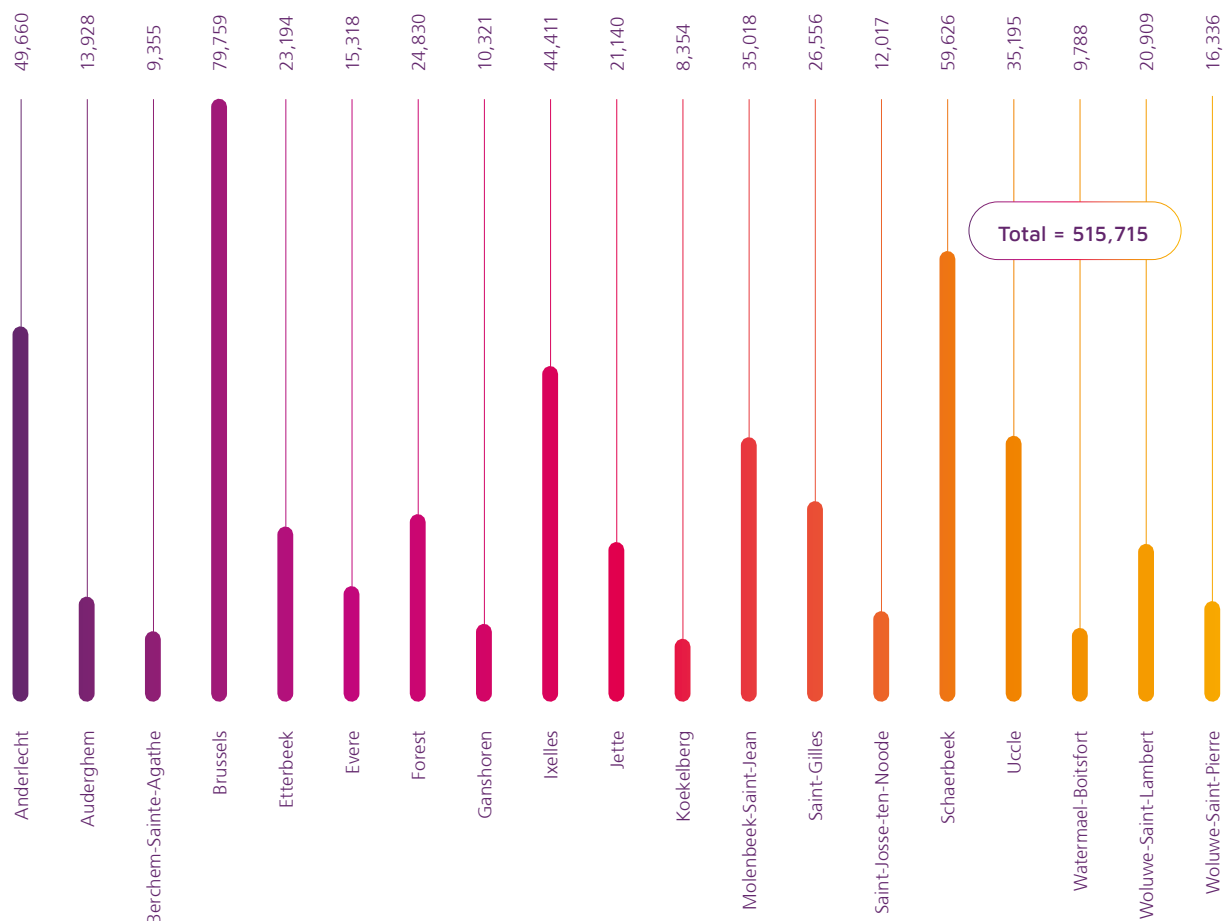
**** See KPI Incentive Regulation

Gas

Supply points

	2022	2021	2020
Number of supply points	515,715	514,723	513,554
Inactive supply points	80,385	80,136	79,435
Active supply points	435,330	434,587	434,119

Number of supply points per municipality



Transmission

	2022	2021	2020
Gas transmitted* (MWh)	9,265,161	10,281,384	9,388,738
Gas injected** (MWh)	8,475,783	10,550,553	9,075,767

* Quantity of gas transmitted on the distribution networks and invoiced to suppliers.

** Quantity of gas measured at the network entry point.

Gas transmitted per municipality (MWh)



Billing

	2022	2021	2020
Grid Fee* (euros)	105,902,233.99	111,621,638.85	103,787,668.93

* A fee charged to suppliers for the use of gas distribution networks.

Network infrastructure

	2022	2021	2020
Number of meters	508,453	507,789	507,454
Number of connections	191,933	191,957	191,546
<i>Medium pressure</i>	2,867	2,863	2,856
"Network" connections	478	473	471
"Customer" connections	2,389	2,390	2,385
<i>Low pressure</i>	189,066	189,094	188,690
Number of "network" substations	478	473	471
Number of "customer" pressure reduction lines	1,906	1,911	1,914
Number of receiving stations (interface with Fluxys)	7	7	7
Number of bleeders	9	9	9

Network length

	2022	2021	2020
Pipeline length (km)	2,934.8	2,932.0	2,929.6
Medium pressure pipes	627.7	626.6	626.3
<i>Steel</i>	563.3	562.9	563.0
<i>PE (polyethylene)</i>	64.4	63.7	63.3
Low pressure pipes	2,307.2	2,305.4	2,303.3
<i>Steel</i>	1,050.6	1,051.3	1,052.3
<i>PE (polyethylene)</i>	1,227.4	1,225.0	1,221.8
<i>Nodular cast iron</i>	29.1	29.1	29.1

Gas network safety

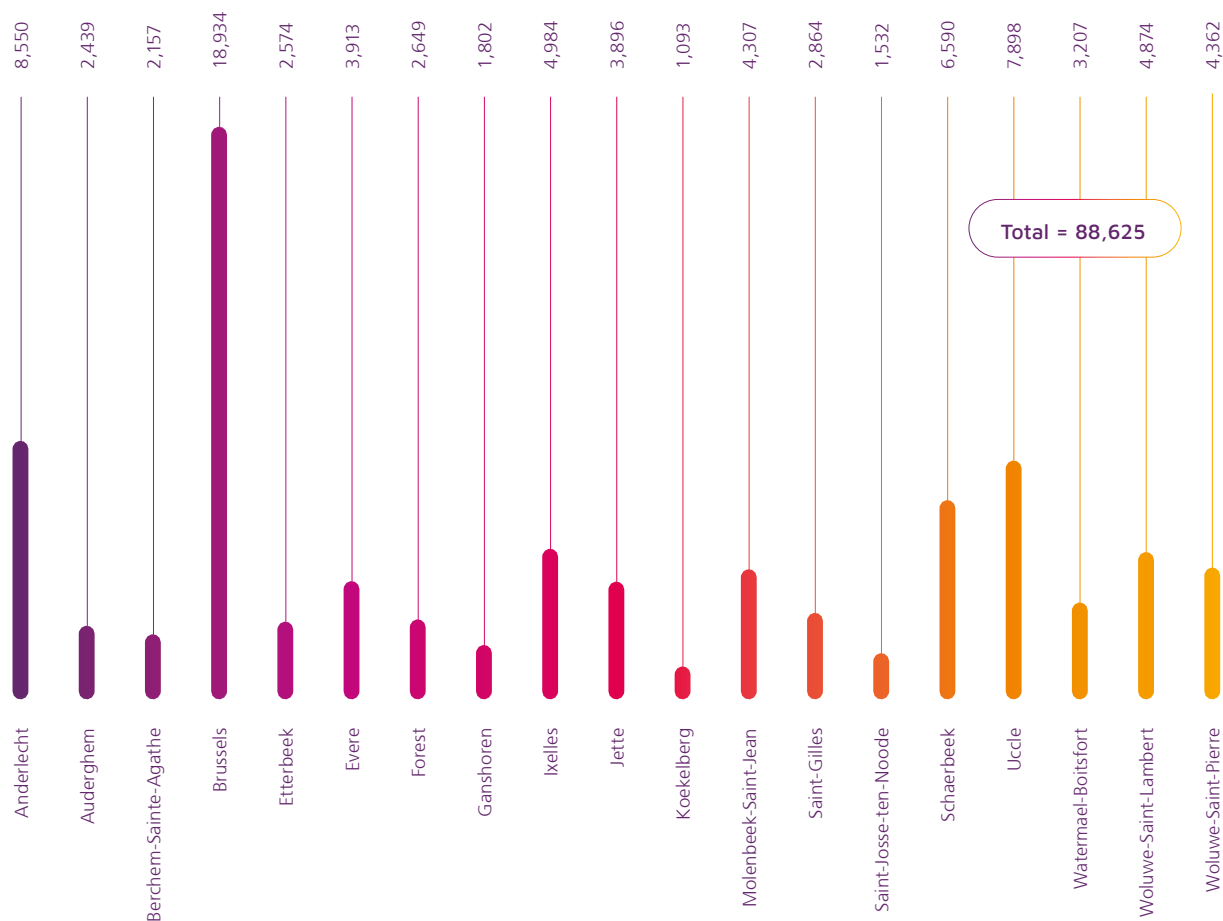
	2022	2021	2020
Number of emergency responses to "gas smell" calls	3,269	3,440	3,362
Number of connection leaks (detected by third-party call and systematic monitoring)	442	536	455
Number of pipe leaks (detected by third-party call and systematic monitoring)	44	48	32
Leaks in pipes or connections due to third-party attack	39	52	55
Number of serious incidents reported to the FPS Economy and Energy – Safety Division	6	1	4

Public Lighting

Supply points

	2022	2021	2020
Number of luminaires on municipal roads	88,625	87,476	86,590
Number of new luminaires	3,290	3,488	3,190
Installed electrical power (kW)	10,905	11,136	11,261
Total consumption (kWh) (handled by Sibelga)	45,092,647	46,587,944	47,554,450
Number of troubleshootings	8,109	8,910	7,688
Number of lamps replaced following a troubleshooting	4,229	4,801	4,284
Number of lamps replaced during routine maintenance	23,865	21,939	20,121

Number of luminaires per municipality



Decentralised energy production

Cogeneration in partnership

Facility	Initial commissioning	Renovation	Electrical power (kW)	Thermal power (kW)	Number of engines	Net electricity production (kWh)		
						2022	2021	2020
Quai des Usines (turboexpander) (Sibelga)	2000	2023	5,168	3,350	2	520,158	11,993,437	16,203,195
Arts et Métiers	2000	2011	606	723	1	0	711,859	811,780
Villas de Ganshoren	2000	2011 2021	606 199	723 382	1	789,695	1,571,121	2,129,528
Vlaams Parlement	2003	-	341	476	1	0	0	0
ULB Solbosch	2002	2013	3,033	4,068	3	8,671,963	12,137,081	9,424,524
Essegheem I	2006	2015	139	207	1	396,007	434,866	408,294
Essegheem II	2006	2015	139	207	1	518,708	692,435	640,842
Cinquantenaire	2014	-	1,270	1,624	2	5,307,915	6,818,205	6,423,083
Parc Forum	2014	-	637	792	1	2,489,488	3,008,042	2,767,625
Les Mouettes	2014	-	200	267	1	761,482	795,198	741,154
Boetendael	2017	-	199	286	1	655,987	951,020	842,728
Magnanerie	2017	-	139	207	1	447,614	675,565	541,228
Archives du Royaume	2021	-	986	1,227	2	5,569,560	-	-
Jean Vives	2021	-	199	347	1	975,138	614,309	-
Parc Schuman	2021	-	199	415	1	1,036,707	298,438	-
Gerfauts	2021	-	140	261	1	530,149	232,056	-
Saint-Exupéry	2021	-	199	347	1	923,794	768,389	-
TOTAL			13,255	14,804	22	29,594,365	41,702,021	40,933,981

Green certificates from cogeneration

	2022	2021	2020
Number of green certificates (Brugel)	24,295	22,401	21,220
CO ₂ savings (tonnes)*	5,272	5,722	6,199
Natural gas savings (kWhi)	24,295,000	26,367,200	28,568,000
Natural gas savings (Nm ³)	2,635,890	2,860,714	3,099,490

* Calculated on the basis of green certificates + «Quai des Usines» turboexpander.

RenoClick

Energy accounting

	2022	2021	2020
Number of sites monitored with the Scan application	2,721	2,518	2,118
Number of EAN	22,283	19,602	19,062
Number of meters	35,038	32,292	28,169
Number of customers identified	122	122	121

Central purchasing

	2022	2021	2020
Number of EAN	9,928	7,050	9,416
<i>Gas</i>	2,787	1,950	2,668
<i>Electricity</i>	7,141	5,100	6,748
Energy purchased (estimate)			
<i>Gas (MWh)</i>	462,000	433,000	408,980
<i>Electricity (MWh)</i>	172,000	170,000	177,785

Energy efficiency work

	2022	2021	2020
Number of worksites	15	14	10
Estimated cost (excluding VAT) of work carried out*	2,581,338	3,573,000	2,964,000
Number of studies commissioned to produce specifications	14	18	19

* handled by the public authorities

Solar energy & Roofs

	2022	2021	2020
Number of public buildings equipped with panels (formerly SolarClick)	n/a	9	35
Panel area (m2)	n/a	2,080	15,718
Installed capacity (kWp)	n/a	442	3,340.11
Annual production generated (kWh)**	9,250,605	392,923	2,810,635
Annual CO ₂ savings (tonnes)**	4,814	155.09	1,108.79

** production and savings generated by all 116 installations equipped with solar panels under the former SolarClick programme

Social measures

	2022	2021	2020
Protected supply points			
Electricity	5,367	2,171	2,225
Gas	3,996	1,675	1,770
Winter supply points (including EOC)			
Electricity	422	324	1,839
Gas	339	242	1,450
Power limiters			
Number of active power limiters at 31/12	6,484	19,553	27,106
Number of power limiters installed or replaced	0	8,107	11,390
<i>Protected and winter</i>	0	79	95
<i>Unprotected</i>	0	8,028	11,295
Number of limiters removed	15,628	10,174	11,600

Meter readings

	Number of meters to be read			Number of meters read*			Number of meters read by customers**		
	2022	2021	2020	2022	2021	2020	2022	2021	2020
Annual readings	1,176,673	1,193,390	1,182,302	1,027,907	1,029,830	948,526	63,470	65,557	132,008
Monthly readings (total)	2,006	2,354	3,244	1,947	2,328	2,658	-	-	-

* Readings recorded by the meter readers, not including readings reported by customers.

** Readings communicated by customers (via telephone, via the website, etc.)

Meter connection and disconnection

	2022	2021	2020
Number of supply connections	23,232	27,295	25,277
Number of supply disconnections	14,976	31,825	16,621

Human resources

Sibelga group workforce (including BNO and Metrix subsidiaries)

	2022		2021		2020	
Active staff + total workforce at 31/12 (FTE*)	1,097.99		1,080.60		1,058.76	
Excluding long-term absences	1,055.76		1,038.27		1,028.34	
Active staff + total workforce at 31/12 (HC**)						
By gender	1,139		1,119		1,099	
<i>Men</i>	855	75.07%	843	75.34%	819	74.52%
<i>Women</i>	284	24.93%	276	24.66%	280	25.48%
By function	1,139		1,119		1,099	
<i>Managers</i>	253	22.21%	252	22.52%	232	21.11%
<i>Employees</i>	886	77.79%	867	77.48%	867	78.89%
By age	1,139		1,119		1,099	
< 25 years	35	3.13%	27	2.41%	34	3.09%
25 to 34 years	241	21.54%	250	22.34%	246	22.38%
35 to 44 years	315	28.15%	305	27.26%	303	27.57%
45 to 54 years	361	32.26%	355	31.72%	338	30.76%
≥ 55 years	187	16.71%	182	16.26%	178	16.20%
By seniority	1,139		1,119		1,099	
0 - 5 years	390	34.85%	361	32.26%	348	31.67%
6 - 10 years	114	10.19%	130	11.62%	143	13.01%
11 - 15 years	194	17.34%	205	18.32%	211	19.20%
16 - 20 years	176	15.73%	153	13.67%	138	12.56%
21 - 25 years	77	6.88%	95	8.49%	114	10.37%
26 - 30 years	119	10.63%	104	9.29%	84	7.64%
31 - 35 years	48	4.29%	57	5.09%	46	4.19%
> 35 years	21	1.88%	14	1.25%	15	1.36%
By contract	1,139		1,119		1,099	
<i>Open-ended</i>	1,044	91.66%	1,039	92.85%	1,006	91.54%
<i>Fixed term</i>	95	8.34%	80	7.15%	93	8.46%

* FTE = Full Time Equivalent (work ratio taken into account).

** HC = Head Count (number of persons employed regardless of the work ratio).

Safety at work

STAFF ACCIDENTS WITH INCAPACITY FOR WORK

	2022	2021	2020
Frequency rate	9.58	6.9	8.28
Severity rate	0.36	0.15	0.15



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