APPENDIX GRI STANDARS

102-8. INFORMATION ON EMPLOYEES AND OTHER WORKERS

Number of employees at year-end by type of workday and gender.

	Total		2019	2020
Jaranda Camalata	66,382 ———	Men	58,177	49,712
Jornada Completa	00,382	Women	17,241	16,670
Jasanda Dassial	12 727	Men	4,079	4,452
Jornada Parcial	13,737 ———	Women	10,471	9,285

Number of employees at year-end by type of employment contract and gender

	Total		2019	2020
Tomosomy contract	18,859 ———	Men	11,369	12,804
Temporary contract	18,839	Women	5,187	6,055
	(12(0	Men	50,887	41,359
Undefined contract	61,260 —	Women	22,525	19,901

Average number of employees by gender, type of contract and professional category

Catacani	Unlin	Unlimited		οτατγ	Toto	Total		T-4-12010
Category	Men	Women	Men	Women	Men	Women	Total 2020	Total 2019
Executives	140.6	17.1	7.3	2.0	147.9	19.1	167.0	187.1
Senior Manager	536.6	107.0	10.0	_	546.6	107.0	653.6	970.4
Manager	3,129.6	762.6	163.1	62.4	3,292.8	825.0	4,117.8	4,338.9
Senior Professional / Supervisor	2,331.5	985.1	130.7	46.1	2,462.2	1,031.1	3,493.4	4,055.1
Professional	6,859.1	2,512.3	713.7	497.9	7,572.8	3,010.2	10,583.0	6,573.8
Administratives / Support	887.2	1,269.1	169.4	360.3	1,056.7	1,629.4	2,686.1	2,457.7
Blue Collar	32,289.2	13,851.3	10,193.7	6,270.6	42,482.9	20,121.8	62,604.8	72,627.7
TOTAL	46,173.9	19,504.5	11,388.0	7,239.3	57,561.9	26,743.8	84,305.7	91,210.7

Data for 2019 can be found in the 2019 Integrated Annual Report, page 125.

Number of employees at year-end by region and gender

	2019		2020	
	2019	Men	Women	Total
Spain	42,262	25,450	17,442	42,892
United Kingdom	16,115	10,830	4,415	15,245
United States	5,306	5,174	772	5,946
Canada	722	707	76	783
Poland	6,393	4,851	1,517	6,368
Latin America	4,035	4,283	449	4,732
Rest	15,135	2,868	1,285	4,153
TOTAL	89,968	54,163	25,956	80,119

102-10 SUPPLY CHAIN

Due to the diverse nature of Ferrovial's activities, the supply chains are different for each. Around 97% of suppliers are concentrated in Construction and Services, registering the largest volumes of orders. The Global Purchase Committee, composed of the highest representatives of business purchases, coordinates this activity, looking for possible synergies and sharing best practices.

In the Construction area, the vast majority of purchases are destined for works in progress at any time. A small part goes to the offices, departments and services that support the execution of the same. The supply chain is made up of suppliers (manufacturers and distributors) and subcontractors. The specific characteristics of the construction supply chain are: high number of suppliers; degree of significant subcontracting, which varies depending on the type and size of the work and the country in which it is carried out; high percentage of local suppliers, since the sector is closely linked to the country / area in which each work is executed; very diverse supplier typology, from large multinationals with global implantation and highly technified, to small local suppliers (mainly subcontractors) for less qualified jobs; and need to adapt to the requirements of each local market. In the Services business, the supply chain includes all the main and secondary suppliers (suppliers of raw materials, industrial supplies or energy, suppliers of capital goods, machinery and finished product) as well as the subcontractors and service providers involved in the company's activities, evaluating them to ensure adequate training. In Spain, from the Procurement and Fleet department, guidelines are drawn up for the different business areas regarding contracting with third parties and all the critical suppliers involved in the provision of services and supply of products for the company are managed. In the international part, each country has its procurement procedure, based on the Global Procurement Procedure defined by the Global Procurement Committee. In the United Kingdom, the typology of the supply chain is very diverse due to the wide range of activities that are carried out.

102-38. ANNUAL TOTAL COMPENSATION RATIO

	2018	2019	2020
TOTAL Ferrovial	103.18	117.05	129.08
EE.UU.	5.79	7.39	8.59
España	32.59	26.18	29.41
Polonia	27.93	30.97	30.21
Reino Unido	23.78	21.76	25.59
Chile	15.12	15.09	16.34

102-39. PERCENTAGE INCREASE IN ANNUAL TOTAL COMPENSATION RATIO

	2018	2019	2020
TOTAL Ferrovial	20.07%	-15.91%	0.00%
USA	36.36%	-8.91%	-1.64%
Spain	3.93%	19.38%	-2.22%
Poland	2.99%	-14.75%	1.71%
United Kingdom	2.68%	7.81%	-2.26%
Chile	-15.54%	5.41%	-0.07%

102-41. PERCENTAGE OF EMPLOYEES COVERED BY COLLECTIVE BARGAINING AGREEMENTS

		Employees		
	Total Workforce	represented	% 2020	% 2019
Spain	42,892	42,702	99.6%	100.0%
United Kingdom	15,245	3,882	25.5%	26.3%
UNITED STATES	5,946	346	5.8%	1.1%
Canada	783	163	20.8%	42.2%
Poland	6,368	5,163	81.1%	81.5%
Latin America	4,732	3,168	66.9%	72.5%
Rest of the world*	4,153	1,339	32.2%	74.7%
TOTAL	80,119	56,763	70.8%	73.7%

^{*}The percentage of employees covered by collective bargaining agreements for the "rest" of the countries in 2019 has been recalculated to include Australia and exclude Latin America

201-1. DIRECT ECONOMIC VALUE GENERATED AND DISTRIBUTED

ECONOMIC VALUE GENERATED(M€)	2018	2019	2020
a) Revenues:			
Sales revenue	5,737	6,054	6341
Other operating income	2	2	3
Financial income	72	101	51
Disposals of fixed assets	95	423	0
Income from companies accounted for by the equity method	240	269	-328
TOTAL	6,146	6,849	6,067

ECONOMIC VALUE DISTRIBUTED (M€)			
b) Consumption and expenses (1)			
Consumption	985	949	1005
Other operating expenses	3,324	3,959	3815
c) Salaries and employee benefits			
Personnel expenses	945	1,027	1115
d) Financial expenses and dividends			
Dividends to shareholders	240	238	119
Treasury stock transactions (2)	280	282	259
Financial expenses	287	328	327
e) Taxes			
Corporate income tax	19	39	-28
TOTAL	6,080	6,822	6,612
ECONOMIC VALUE RETAINED (M €)	66	27	-545

⁽¹⁾ The Group's social action expenses, recorded under Other Operating Expenses, together with the Foundation's expenses, are detailed in the Community Chapter.

207-4. TAX: COUNTRY-BY-COUNTRY REPORT

The following table reflects the amounts paid by Ferrovial in 2019 in euros.

				2019 (M€)				
			Revenue(3)					
Jurisdiction(1)	Number of employees (2)	Third parties	Associated	Total	Profit before income tax (3)	Income tax (paid) (3)	Income tax (accrued) (3)	Tangible Assets (3)
Germany	1,030	48.50	0.00	48.50	5.21	-1.24	-1.21	0.09
Saudi Arabia	418	17.44	0.36	17.80	-4.65	0.00	0.00	1.91
Australia	9,183	1516.51	5.46	1521.96	-84.83	0.00	0.00	104.51
Brazil	2	1.07	0.00	1.07	0.67	-0.52	-0.24	0.00
Canada	730	459.14	2.37	461.50	326.96	-7.21	-7.40	14.81
Chile	3,920	272.28	0.96	273.25	21.71	-11.70	-16.80	78.27
Colombia	150	111.29	0.00	111.29	16.32	0.00	-3.97	5.08
United Arab Emirates	1	0.00	0.00	0.00	0.16	0.00	0.00	0.00

Foundation expenses are detailed in the Community Chapter.
(2) Capital reduction through cancellation of treasury stock. For further information, see note 5.1. See note 5.1. Shareholders' Equity of the Consolidated Financial Statements.

Slovakia	240	286.07	0.04	286.11	0.59	0.00	-0.69	10.22
Spain	36,732	3,520.11	248.91	3,769.02	647.29	-15.62	-19.80	1431.42
United States of America	5,465	2,328.22	9.52	2,337.74	-357.80	3.42	-10.15	6,008.13
France	46	67.60	0.00	67.60	10.06	-0.10	-3.09	0.53
Greece	0	0.00	0.00	0.00	0.00	0.00	0.00	0.01
India	0	0.01	0.00	0.01	-0.17	0.00	0.00	0.00
Ireland	4	0.09	20.28	20.36	18.18	-2.19	-1.54	0.00
Mauritius Islands	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Italy	2	0.31	0.00	0.31	-0.08	0.00	0.00	0.00
Luxembourg	0	3.09	0.02	3.11	2.49	0.00	0.06	0.00
Lithuania	45	35.41	0.00	35.41	-17.95	0.00	0.00	2.43
Malaysia	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Могоссо	1	0.00	0.00	0.00	2.25	0.00	0.00	0.00
Mexico	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
New Zealand	1,436	257.67	0.00	257.67	-0.77	0.00	0.34	9.34
Oman	27	1.59	0.12	1.71	3.19	0.00	0.00	0.00
Netherlands	16	158.58	30.02	188.61	-265.12	-1.40	0.00	0.00
Peru	8	0.01	0.00	0.01	-2.80	-0.04	0.00	0.14
Poland	6,292	1,738.96	0.55	1,739.52	85.87	-13.60	-39.01	582.40
Portugal	1,810	145.31	1.37	146.69	-27.34	-0.47	-1.95	312.07
Puerto Rico	197	43.51	0.52	44.03	1.45	0.15	-0.32	2.75
Dominican Republic	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Qatar	0	0.00	0.00	0.00	0.14	-0.04	0.03	0.00
United Kingdom	14,937	3,181.09	19.54	3,200.62	-934.25	1.67	-3.19	136.96
Singapore	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tunisia	1	0.00	0.00	0.00	-0.02	0.00	0.00	0.00
Total	82,693	14,193.86	340.04	14,533.90	-553.24	-48.88	-108.92	8,701.07

(1)In the Consolidated Financial Statements for the fiscal year 2019, Appendix II, the entities comprising the business group, their residence, as well as the activities they carry out are detailed. (2)Regarding the number of employees, an estimate of the total number of employees has been made on a full-time equivalent basis. The information is homogeneous across jurisdictions and does not change from year to year.

Income Tax: legal vs. effective rate by jurisdiction.

The following table reflects the qualitative explanation of the differences between the legal and effective income tax rates with respect to the jurisdictions in which Ferrovial paid income tax in 2019. Unlike the previous table, the following table only reflects the amounts paid in income tax by fully consolidated companies.

	· · · · · · · · · · · · · · · · · · ·					
2019						
	Income tax					
To all disable a	Legal tax	Effective	D:#*	Forterestine		
Jurisdiction	rate	tax rate	Difference	Explanation		
Germany	25%	23%	2%	Effective and nominal rates are aligned.		
Saudi Arabia	20%	0%	20%	Country in which losses have been generated so no tax is payable.		
Australia	30%	0%	30%	Country in which losses have been generated so no tax is payable.		
Brazil	34%	35%	-1%	Effective and nominal rate are aligned.		

⁽³⁾ The average exchange rate for the year is used for revenues, income and taxes in foreign currencies and the year-end exchange rate for tangible assets.

Canada	27%	2%	24%	The effective rate is lower than the nominal rate due to the inclusion of exempt income (dividends) in its calculation base
	270	770	500/	There are companies with profits (mainly FC Chile, SA) that are taxe on the amount accrued, and others that are in loss and do not accru current tax expense. These profits and losses are not offset for to purposes, causing the effective rate to be higher than the nomina
Chile	27%	77%	-50%	rate
Colombia	32%	24%	8%	The effective rate is lower than the nominal rate because losses no capitalized in accounting are included in the calculation basis
United Arab Emirates	0%	0%	0%	Effective and nominal rates are aligned
Slovakia	21%	117%	-96%	A company with a profit is taxed on the amount that has been accrue and another that is in loss and does not accrue current tax expense These profits and losses are not offset for tax purposes, causing th effective rate to be higher than the nominal rate
Spain	25%	3%	22%	The effective rate is lower than the statutory rate because it include tax-exempt capital gains in its calculation base
United States of America	21%*	-3%	24%	Despite the losses generated in the year, current tax is recorded for project that is outside the tax consolidation (Denver Airport) and fo
France	32%	31%	1%	Effective and nominal rates are aligned
Greece	29%	0%	29%	A tax loss is incurred and no current tax is recorded
India	30%	0%	30%	Despite the losses generated in the year, current tax is recorded fo
Ireland	12.50%	8%	5%	The effective rate is lower than the statutory rate due to the application of international double taxation tax credits
Mauritius Islands	15%	0%	15%	Country in which no activity has been carried ou
Italy	27.90%	0%	28%	A tax loss is incurred and therefore no current tax is generated
Luxembourg	15.00%	0%	15%	A tax loss is incurred and no current tax is recorded
Lithuania	25.00%	-2%	27%	A credit to be recovered for corporate income tax is recorded
Malaysia	24%	0%	24%	Country in which no activity has been developed
Morocco	30%	0%	30%	Country in which losses have been generated and therefore no tax i payable
Mexico	30%	0%	30%	Country in which no activity has been developed
New Zealand	28%	44%	-16%	There are positive permanent differences that make the effective rat higher than the nominal rate
Oman	15%	0%	15%	The effective rate is lower than the nominal rate due to the inclusion in its calculation base of losses from previous years
Netherlands	25%**	0%	25%	A tax loss is incurred and no current tax provision is recorded
Peru	29.50%	0%	30%	Country in which losses have been generated and therefore no tax i payable
	100	.==.		The effective rate is much higher than the nominal rate due to the inclusion in its calculation base of non-deductible expenses that
Poland	19%	45%	-26%	constitute permanent difference. Despite the pre-tax loss, a current tax expense is generated due t
Portugal	23%	-7%	30%	the limitation on the tax deductibility of financial expenses and th limitation on the use of tax losse
Puerto Rico	29%	22%	7%	Effective and nominal rates are aligned
Dominican Republic	10%	-25%	35%	A credit to be recovered for corporate income tax is recorded in th accounting record
Qatar	19.00%	0%	19%	Despite the overall losses generated in the year, current tax is recorder for companies that generate tax payable
United Kingdom	27%	0%	27%	Country in which losses have been generated and therefore no ta payable is generated
Singapore	17%	0%	17%	Country in which no activity has been carried ou
				Country in which losses have been generated so that no tax payable i

^{*} The federal/national tax rate is taken into consideration. ** The first 200,000 euros are taxed at a 20% tax rate.

301-1. MATERIALS USED BY WEIGHT OR VOLUME

	2018	2019	2020
Paper (kg)	616,444	706,053	325,575
Wood (m3)	48,131	31,861	14,832
Bitumen (t)	268,994	250,806	182,067
Concrete (t)	6,858,266	5,951,699	6,145,987
Corrugated steel (t)	162,558	179.861	173,370

301-2. RECYCLED MATERIALS CONSUMED

	2018	2019	2020
Total recycled material (t)	2,726,667	2,541,258	2,395,827

302-1. ENERGY CONSUMPTION WITHIN THE ORGANIZATION

		2018	2019*	2020
	Diesel	5,196,171	4,530,865	4,482,155
	Fuel	98,703	137,269	100,551
	Gasoline	464,416	585,698	644,860
	Natural Gas	260,542	304,364	238,525
Fuels used in Stationary and Mobile sources (total) (GJ)	Coal	570,558	361,701	268,802
350.003 (1510.1) (53)	Kerosene	2,192	1,995	10,538
	Propane	27,732	22,793	20,972
	LPG	6,600	6,856	5,094
	TOTAL	6,626,913	5,951,540	5,771,497
	Construction	342,664	261,596	214,178
	Corporation	4,073	4,239	3,837
Electricity Consumption from Non-	Infrastructure	61,702	61,360	18,901
Renewable Sources (GJ)	Services	315,478	188,480	130,909
	Airports	2	4	0
	TOTAL	723,920	515,679	367,825
	Construction	449,183	325,152	274,704
	Infrastructure	4,009	4,058	28,356
Electricity Consumption from Renewable	Services	227,537	438,589	469,646
Sources (GJ)	Airports	0	0	0
	Corporation	0	0	0
	TOTAL	680,730	767,799	772,706

^{*}The 2019 figure has been restated due to recalculations arising during 2020 as a result of the energy review of the businesses.

ENERGY PRODUCED (GJ)	2018	2019	2020
Electrical energy from biogas recovery	329,473	207,541	378,689
Thermal energy from biogas recovery	261,406	31,349	62,459
Electrical energy generated in Water Treatment Plants	113,433	120,155	110,829
Electrical energy generated in thermal drying plants	352,380	285,752	368,328
Energy generated in incineration plants	598,836	763,254	734,500
TOTAL	1,655,527	1,408,051	1,654,806

302-2. ENERGY CONSUMPTION OUTSIDE OF THE ORGANIZATION

		2018	2019	2020
	Coal	1,012,286	569,786	451,027
	Diesel	90,076	45,159	22,849
	Gas	457,585	260,090	179,877
Consumption of energy acquired, by primary sources (GJ)	Biomass	101,151	78,764	63,144
primary sources (es)	Waste	13,253	10,714	7,546
	Others	491,549	328,485	210,372
	TOTAL	2,165,900	1,292,998	934,815

303-1. WATER WITHDRAWAL BY SOURCE

303-5. WATER CONSUMPTION

	2018	2019*	2020
Rainwater (m3)	29,946	65,796	43,592
Wastewater (m3)	27,388	38,504	57,556
Fresh surface water (m3)	374,629	160,067	321,578
Cadagua Fresh surface water (m3)	141,545	2,414	23
Pretreated water in Cadagua (m3)	1,688,379	2,601,519	2,518,935
Supply network (m3)	3,339,185	3,268,861	2,956,215
Groundwater (m3)	233,881	338,730	184,178
Recycled / reused water (m3)	150,794	139,970	67,017
TOTAL (m3)	5,834,952	6,475,892	6,082,078

^{*}In the 2019 data, the reporting criteria has been updated to homogenize the calculation with the rest of the plants.

304-4. SPECIES APPEARING ON THE IUCN RED LIST AND NATIONAL CONSERVATION LISTS WHOSE HABITATS ARE IN AREAS AFFECTED BY THE OPERATIONS.

Species (scientific name)	Common name	IUCN Red List	Protection figure
Streptopelia turtur	Tórtola Europea	Vulnerable	
Myotis septentrionalis	Northern Long-eared Bat	Not threatened	Federally listed as endangered and state-listed as endangered in Virginia
Alasmidonta heterodon	Dwarf Wedge Mussel	Vulnerable	Placed on the United States' Endangered Species List in 1988
Ptilimnium nodosum	Harperella		Rare and endangered (Little river canyon National Park)
Glyptemys insculpta	Wood turtle/ Galápago de bosque	Endangered	
Alasmidonta Varicosa	Brook floater	Vulnerable	
Potamilus amphichaenus	Texas heelsplitter	Endangered	
Macrochelys temminckii	Alligator snapping turtle	Vulnerable	
Dipodomys nitraoides nitraoides	Tipton kangaroo rat	Vulnerable	
Ammospermophilus nelsoni	San Joaquin antelope squirrel	Endangered	
Vulpes macrotis mutica	San Joaquin kit fox	Endangered	
Gambelia sila	Blunt Nose Lepoard Lizard	Endangered	
Hieraaetus fasciatus	Aguila Bonelli	Least concern	Declining stocks, special surveillance measures on construction site
Chioglossa lusitanica	Golden-striped salamander	Vulnerable	

Rana iberica	lberian frog	Vulnerable	
Margaritifera margaritifera	Freshwater pearl mussel	Endangered	
Cedrela odorata	Spanish Cedar	Vulnerable	Regional closure
Anacardium excelsum	Caracolí		Regional closure
Lecythis tuyrana	Coco Cuna	Vulnerable	Regional closure
Pseudophryne australis	Red crowned toadlet	Vulnerable	
Apium repens	Creeping Marshwort/ Apio rastrero	Vulnerable	
Mustela lutreola	European mink	Critically endangered	
Testudo graeca	Common Tortoise	Vulnerable	
Otis tarda	Great Bustard	Vulnerable	
Neophron percnopterus	Egyptian vulture	Endangered	
Oxyura leucocephala	White-headed duck	Endangered	
Elephas maximus	Asian elephant	Endangered	

305-1. DIRECT (SCOPE 1) GHG EMISSIONS (TCO2 EQ)

BY BUSINESS	2009 (base-year)	2018	2019	2020
Budimex	27,744	77,094	64,373	55,237
Cadagua	18,669	599	695	467
Ferrovial Construction	61,287	81,326	85,681	90,193
Webber	55,532	40,664	41,572	46,632
Ferrovial Corporation	375	260	219	151
Cintra	6,024	2,220	2,053	2,018
Amey	252,999	216,716	233,669	231,706
Broadspectrum	98,015	62,539	42,177	38,292
Ferrovial Services	452,448	350,891	444,391	352,793
Transchile	41	30	17	13
TOTAL tCO2 eq	973,135	832,339	914,847	817,503

BY SOURCE	2009 (base-year)	2018	2019*	2020
Refrigerants	185	136	128	136
Stationary	258,406	287,157	292,637	293,795
Heating	3,942	5,356	7,591	8,677
Machinery	254,464	281,801	285,046	285,118
Mobile	384,578	307,211	271,227	261,123
Diffuse	329,965	237,834	350,855	262,449
TOTAL tCO2 eq	973,135	832,339	914,847	817,503

^{*}The 2019 figure has been restated due to recalculations during 2020.

Biogenic CO2 (tCO2/eq)	2009 (base-year)	2018	2019	2020
Construction	768	51,935	54,678	52,390
Services	729,776	736,842	733,912	941,046
TOTAL	730,544	788,777	788,590	993,436

305-2. ENERGY INDIRECT (SCOPE 2) GHG EMISSIONS (TCO2 EQ)

BY BUSINESS	2009 (base-year)	2018	2019	2020
Budimex	19,921	18,446	15,953	16,726
Cadagua	44,552	11,138	5,920	2,095
Ferrovial Construction	13,647	10,723	10,180	8,851
Webber	10,023	6,112	3,050	3,187
Ferrovial Corporation	521	345	360	365
Cintra	20,006	7,640	7,563	1,936
Amey	14,291	2,524	2,108	85
Broadspectrum	27,946	22,126	21,328	19,112
Ferrovial Services	15,049	12,376	2,070	274
Transchile	4	0	1	0
TOTAL tCO2 eq	165,959	91,430	68,533	52,632

GHG EMISSIONS (SCOPE 1 + SCOPE 2) (TCO2 EQ/M€)

BY BUSINESS	2009 (base-year)	2018	2019	2020
Construction	46.22	47.59	43.20	43.07
Corporate	10.43	175.56	46.87	72.86
Infrastructure	60.26	17.36	15.61	10.12
Services	230.75	98.36	105.04	108.35
Airports	6.29	4.69	2.60	2.00
Relative emissions (tCO2 eq/ M€)	162.36	74.13	75.55	72.01

305-3. OTHER INDIRECT GHG EMISSIONS (SCOPE 3)

The activities, products and services included in Scope 3 are as follows:

- Purchased goods and services: include emissions related to the life cycle of materials purchased by Ferrovial that have been used in products or services that the company offers. This is limited to emissions derived from the purchase of paper, wood, water and other relevant materials (concrete and asphalt) described in indicator 301-1. Data from subcontractors are not included.
- Capital goods: Includes all upstream emissions (i.e., cradle to gate) from the production of capital goods purchased or acquired by the company in the year, based on the information contained in the Consolidated Financial Statements.
- Fuel and energy related activities: this section includes the energy required to produce the fuels and electricity consumed by the company and the loss of electricity in transportation.
- Upstream transportation and distribution: includes emissions from the transportation and distribution of the main products acquired during the year.
- Waste generated in operations: Emissions in this section are related to waste generated by the company's activity that have been reported in 2019.
- Business travel: Includes emissions associated with business travel: train, plane and cabs reported by the main travel agency with which the group works in Spain.
- Employee commuting: Includes emissions from employee commuting from their homes to their workplaces at the head offices in Spain.
- Investments: Investments include emissions related to investments in British airports and toll roads over which the Group does not have operational control. All airports carry out independent external verification of their emissions. At the date of publication of this report, data for 2020 is not available, so emissions for 2019 have been considered.
- Use of sold products: Ferrovial calculates emissions from the use of land transport infrastructures managed by Cintra.
- End of life treatment of sold products: This category includes exclusively emissions from the disposal of waste generated at the end of the useful life of products sold by Ferrovial in the reporting year. Only emissions derived from products (wood, paper, asphalt and concrete) reported in the Purchased goods and services category have been taken into consideration.
- Upstream leased assets: Includes emissions related to the electricity consumption of those client buildings where Amey carries out maintenance and cleaning and manages consumption.

	2012 (base-year)	2018	2019	2020
Business travel	6,606	8,334	7,232	1,796
Capital Goods	569,407	314,611	118,081	411,535
Employee commuting	792	1,821	1,763	1,645
End of life treatment of sold products	57,368	40,708	31,667	23,152
Fuel and energy related activities	191,927	178,902	136,217	121,965
Purchased goods and services	1,756,724	1,114,191	1,102,148	1,021,375
Upstream leased	1,405	0	0	0
Upstream transportation and distribution	560,420	498,210	477,374	475,720
Use of sold product	478,824	436,067	499,904	209,022
Waste generated in operations	191,948	140,808	141,389	125,990
Investments	1,364,386	995,582	864,782	774,570
TOTAL	5,179,806	3,729,233	3,380,558	3,166,769

305-5. REDUCTION OF GHG EMISSIONS

	2018	2019*	2020
AVOIDED EMISSIONS FROM TRIAGE AND BIOGAS CAPTURE ACTIVITIES			
GHG avoided by triage activity (t CO2eq)	659,059	899,577	827,682
GHG avoided by biogas capture (t CO2eq)	815,778	778,721	872,055
GHG avoided from biogas capture at treatment plants (t CO2eq)	420,360	422,724	398,678
AVOIDED EMISSIONS FROM ENERGY GENERATION			
In landfills (t CO2eq)	29,626	18,760	35,490
In water treatment plants (t CO2eq)	39,511	34,429	45,533
At waste incineration plants (t CO2eq)	47,087	54,191	47,567
AVOIDED EMISSIONS FROM THE PURCHASE OF ELECTRICITY FROM RENEWABLE SOURCES			
Electricity purchased from third parties (t CO2eq)	51,107	55,891	62,184
TOTAL	2,062,528	2,264,293	2,289,190

^{*}Data for 2019 has been recalculated to homogenize it with the conversion factors used in 2020.

305-7. NITROGEN OXIDES (NOX), SULFUR OXIDES (SOX), AND OTHER SIGNIFICANT AIR EMISSIONS

	NOx (Tn)	CO (t)	COVNM (t)	SOx (t)	Particles (t)
Emissions from boilers	66.25	26.00	5.88	76.54	15.10
Emissions caused by motor vehicles	966.72	2,234	278.53	0	117.21
Emissions caused by electricity	44.02	17.09	0.34	68.93	3.75
	NOx (g/Kg)	CO (g/Kg)	COVNM (g/Kg)	SOx (g/kg)	Particles (g/Kg)
Emissions caused by mobile equipment used in construction works	1,372.86	313.67	97.24	0	110.88

Data for 2019 can be found in the 2019 Integrated Annual Report, page 127.

306-2. WASTE BY TYPE AND DISPOSAL METHOD

	2018	2019	2020
Construction and demolition waste produced (m3)	2,344,504	1,466,767	7,569,434
Total excavation soil (m3)	19,363,051	21,648,346	21,291,070
Reused topsoil (m3)	922,936	2,894,515	1,576,854

Material sent to landfill outside the construction site (m3)	528,749	762,077	931,948
Material reused on site (m3)	14,336,346	12,059,463	15,889,312
Material sent to another construction site or authorized landfill (m3)	3,575,020	5,932,290	2,892,956
Non-hazardous waste produced (t)* (m3)	450,707	442,691	357,901
Total hazardous waste produced (t)* (t)	18,419	37,973	20,002

^{*}There has been a change in reporting criteria from reporting waste managed to reporting waste produced to avoid confusion for the reader.

CRE8. TYPE AND NUMBER OF SUSTAINABILITY CERTIFICATIONS, RATINGS AND LABELING SYSTEMS FOR NEW CONSTRUCTION, MANAGEMENT, OCCUPANCY AND RECONSTRUCTION.

Sustainable building certifications obtained in Spain and Poland

Description	Area	Class
Fractal Rivas Hotel Building	Spain	BREEAM GOOD
Claudio Coello office refurbishment	Spain	LEED
Plataf Logist Marchamalo 2f-2	Spain	LEED
Puerto Seco UTE	Spain	BREEAM VERY GOOD
58 Vdas. Paseo De La Habana	Spain	BREEAM GOOD
Office Building Las Tablas	Spain	LEED Platino y WELL Platino
Acond. Office Building Velázquez 88 Madrid	Spain	LEED Platino
Office Building Citrus Pozuelo	Spain	LEED Platino
C.I.T. Metro De Madrid	Spain	VERDE
Nave B Pulsar in Torija	Spain	LEED Silver
Nave Pulsar in Torija	Spain	LEED Silver
Office Building Las Tablas	Spain	LEED Gold
Power & Control Bldg.	Castilla La Mancha	В
Warehouse B Pulsar In Torija	Castilla La Mancha	A
Warehouse Pulsar In Torija	Castilla La Mancha	0
26 Single-Family Dwellings. R. Conquistadores Badajoz	Extremadura	A
Rectorate CEU Valencia	Valencia	В
Commercial and office building IKEA Poznań	Poland	BREEAM
Construction of the Monopolis complex in Łódź	Poland	BREEAM

401-1. NEW EMPLOYEE HIRES AND EMPLOYEE TURNOVER

Throughout 2020, the total number of new hires was 33,616 (30,305 in 2019), which corresponds to a total hiring rate of 41.96% (33.68 in 2019), with respect to the headcount at year-end. The breakdown by country, gender and age is as follows::

		<30	30 - 45	>45	Subtotal	TOTAL
Sacia	Men	2,165	2,460	1,821	6,446	16.661
Spain	Women	2,261	2,713	3,021	7,995	14,441
Haitad Viandam	Men	646	750	398	1,794	2 / 07
United Kingdom	Women	248	267	178	693	2,487
LICA	Men	1,649	1,962	1,583	5,194	F 07/
USA	Women	196	315	171	682	5,876
Canada	Men	111	191	356	658	721
	Women	11	29	23	63	/21

Poland	Men	261	336	166	763	967
Polana	Women	111	80	13	204	707
Latam	Men	1,665	2,431	1,655	5,751	4 072
Latam	Women	114	159	48	321	6,072
Rest of countries	Men	581	740	624	1,945	2.052
Rest of countries	Women	276	352	479	1,107	3,052
	Men	7,078	8,870	6,603	22,551	
TOTAL	Women	3,217	3,915	3,933	11,065	33,616
	Subtotal	10,295	12,785	10,536		

The voluntary and involuntary turnover rate for 2020, broken down by professional category, age and gender, is as follows

			Volu	ntary					Involu	ıntary*					То	tal			
		Men			Women			Men			Women			Men			Women		Total by category
	<30	30-45	>45	<30	30-45	>45	<30	30-45	>45	<30	30-45	>45	<30	30-45	>45	<30	30-45	>45	
Executives	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.02
Senior Manager	0.00	0.02	0.03	0.00	0.01	0.01	0.00	0.01	0.03	0.00	0.00	0.01	0.00	0.03	0.05	0.00	0.01	0.01	0.11
Manager	0.02	0.17	0.12	0.01	0.04	0.01	0.00	0.04	0.05	0.00	0.01	0.01	0.02	0.21	0.17	0.01	0.06	0.02	0.49
Senior Professional / Supervisor	0.02	0.13	0.11	0.02	0.05	0.02	0.01	0.07	0.07	0.00	0.03	0.02	0.03	0.20	0.17	0.02	0.08	0.03	0.54
Professional	0.22	0.35	0.31	0.09	0.12	0.05	0.05	0.12	0.09	0.02	0.03	0.02	0.27	0.47	0.41	0.11	0.15	0.06	1.47
Administratives / Support	0.05	0.03	0.01	0.06	0.05	0.04	0.05	0.03	0.02	0.03	0.03	0.03	0.10	0.07	0.03	0.09	0.08	0.08	0.45
Blue Collar	1.59	1.87	1.26	0.67	0.46	0.54	1.93	2.97	2.44	0.18	0.29	0.30	3.52	4.84	3.69	0.85	0.76	0.85	14.50
Subtotal by age	1.90	2.58	1.84	0.85	0.74	0.67	2.04	3.24	2.69	0.24	0.40	0.39	3.94	5.82	4.54	1.08	1.14	1.06	
Subtotal by gender		6.32			2.26			7.98			1.03			14.30			3.28		17.58
Total			8.	57					9.	01					17.	58			

^{*} The total number of involuntary departures in 2020 was 7,593 (5,059 in 2019).

 $Note: turn over \ data \ are \ given \ as \ ratios \ only, as \ they \ reliably \ represent \ the \ variations \ in \ head count \ during \ the \ year.$

403-1. WORKER REPRESENTATION ON FORMAL WORKER-COMPANY HEALTH AND SAFETY COMMITTEES.

	2018	2019	2020
Percentage of employees represented in Health and Safety Committees	70.2	70.3	67.5

403-8 WORKERS COVERED BY AN OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM.

	2018	2019	2020
Workers covered by an occupational health and safety management system (%)	94	92	93

403-9. INJURIES DUE TO OCCUPATIONAL ACCIDENTS

403-10 OCCUPATIONAL DISEASES AND ILLNESSES

	2018	2019	2020
Frequency rate	12.2	10.3	9.18
Frequency rate (including contractors)	10.0	7.7	7.21
Total recordable frequency rate	2.66	2,32	1.96
Total recordable frequency rate (including contractors)	2,18	1,75	1.55
Severity rate	0.29	0.25	0.26
Absenteeism rate	5.66	5.54	7.13
Occupational Disease Frequency Rate	0.44	0.39	0.26
Absenteeism hours (mill.hours)	9.77	9.52	10.85

Number of employee fatalities	5	5	2
Number of contractor fatalities	3	9	3

Frequency rate = number of accidents with sick leave*1,000,000/No. hours worked
Total recordable frequency rate = total recordable accidents*200,000/No. hours worked
Severity rate = number of lost days*1,000,000/no. hours worked
Note: accident rate data are given as ratios only, as they are a reliable representation of the company's health and safety performance.

404-1 AVERAGE TOTAL TRAINING HOURS AND AVERAGE NUMBER OF TRAINING HOURS PER YEAR PER EMPLOYEE

							2020					
2018	2019		Execu tives	Senior Manager	Manager	Senior Professio nal/ Super visor	Profess ional	Admin / Support	Blue Collar	Subtotal	Hours per employee and catego- ry 2020	Horas por división 2020
24.242	10/52	Men	532	714	669	2,363	370	163	34	4,845	16.9	10.0
34,342	19,453	Women	58	738	617	2,089	313	541	9	4,365	22.0	19.0
21.007	1////	Men	77	338	1,132	813	1,545	30	1,021	4,954	15.1	1/ 1
oll Roads	14,446	Women	8	176	243	525	539	274	102	1,865	12.0	14.1
1.0/.1	2.510	Men	12	148	151	21	-	-	-	332	10.4	12.9
1,941	2,318	Women	5	119	56	38	15	65	-	298	17.5	12.9
102 /7/	200,000	Men	1,691	10,486	40,306	26,956	31,420	5,738	23,008	139,605	9.5	10.7
193,470	200,800	Women	204	1,680	10,446	11,313	15,744	7,148	463	46,997	16.4	10.7
(0/ 105	((0.700	Men	834	3,453	14,147	25,362	28,528	2,082	294,329	368,735	9.5	8.4
000,195	048,/30	Women	234	1,327	7,594	10,346	8,380	6,705	114,607	149,191	6.6	8.4
		Men	3,146	15,138	56,405	55,515	61,863	8,012	318,391	518,470	9.6	9.0
		Women	507	4,038	18,955	24,310	24,991	14,733	115,181	202,716	7.8	9.0
857,041	885,947				721,	186						9.0
	34,342 21,087 1,941 193,476 606,195	34,342 19,453 - 21,087 14,446 - 1,941 2,518 - 193,476 200,800 - 606,195 648,730 -	Men Women	Secutives Secutives Secutives Secutives	Men 532 tives Sentior tives 34,342 19,453 Men 532 714 Women 58 738 738 21,087 14,446 Men 77 338 Women 8 176 1,941 2,518 Men 12 148 Women 5 119 193,476 200,800 Men 1,691 10,486 Women 204 1,680 606,195 648,730 Men 834 3,453 Women 234 1,327 Men 3,146 15,138 Women 507 4,038	34,342 19,458 Men tives Senior tives Monager Monager 34,342 19,454 Men 532 714 669 21,087 14,446 Men 77 338 1,132 Women 8 176 243 1,941 2,518 Men 12 148 151 Women 5 119 56 193,476 200,800 Men 1,691 10,486 40,306 Women 204 1,680 10,446 606,195 648,730 Men 834 3,453 14,147 Women 234 1,327 7,594 Men 3,146 15,138 56,405 Women 507 4,038 18,955	Profession Senior Manager Visor Super Supe	2018 2019 Execut fives Senior Manager Senior Professional/ Super Profescional/ Super Professional/ Super Professional/ Super Profession	Normal N	No. Profession Profession	Note Profession Professio	Note Note

405-1. DIVERSITY IN GOVERNING BODIES AND EMPLOYEES

						2020				
		Executives	Senior Manager	Manager	Senior Professional / Supervisor	Professional	Administratives / Support	Blue Collar	Subtotal	TOTAL
· · ·	Men	49	41	35	107	16	3	35	286	/0/
Corporation	Women	6	20	27	92	12	24	17	198	484
T.II.D. I	Men	=	37	54	48	42	6	141	328	483
Toll Roads	Women	=	7	15	32	37	19	45	155	
	Men	1	11	14	6	-	=	-	32	
Airports	Women	=	3	1	5	3	5	-	17	49
C	Men	70	290	1,722	1,372	2,660	527	7,996	14,637	17/00
Construction	Women	5	29	388	509	1,194	531	206	2,862	17,499
. .	Men	23	127	1,288	1,391	3,842	374	31,836	38,880	(1.404
Services	Women	5	31	346	519	1,402	868	19,554	22,724	61,604
TOTAL	Men	143	506	3,113	2,924	6,560	910	40,008	54,163	00.110
TOTAL	Women	16	90	777	1,157	2,648	1,447	19,822	25,956	80,119

Data for 2019 can be found in the 2019 Integrated Annual Report, page 129.

405-2 RATIO OF BASIC SALARY AND REMUNERATION OF WOMEN VS. MEN

Gender pay gap 2020 (expressed in local currency).

	J 1	•	•					
Country	Gender	% of empleados	Median salary	Average salary	% gender pay gap (median salary) 2020	% gender pay gap (average salary) 2020	% gender pay gap (median salary) 2019	% gender pay gap (average salary) 2019
Caria.	Men	40.5%	23,945 €	27,861 €	17200/	1F FO0/	14 020/	1E EO0/
Spain	Women	59.5%	28,986 €	33,006 €	17.39%	15.59%	16.93%	15.50%
United	Men	29.0%	£22,494	£30,724	32.61%	24.56%	28.95%	25.60%
Kingdom	Women	71.0%	£33,379	£40,725	32.0170	24.3070	20.7370	23.00%
USA and	Men	12.3%	\$61,227	\$69,424	-2.00%	3.12%	-1.70%	-1.76%
Canada	Women	87.7%	\$60,026	\$71,662	-2.00%	3.12 70	-1.70 70	-1.70 70
Poland	Men	23.8%	83,310 zł	106,757 zł	-5.69%	10.27%	10.65%	12.55%
Folund	Women	76.2%	78,824 zł	118,970 zł	-3.0770	10.27 70	10.0576	12.5570
Chile	Men	8.1%	13,076,366 CLP	16,380,451 CLP	-6.35%	-8.33%	1.19%	3.23%
Cinte	Women	91.9%	12,295,759 CLP	15,120,235 CLP	-0.3370	-0.5570	1.17 70	3,2370
Portugal	Men	50.0%	10,135 €	11,548 €	13.41% 17.68%	8.16%	11.90%	
Portugal	Women	50.0%	11,705 €	14,029 €		17.0070	0.1070	11.9070

Average salaries (base salary + salary supplements) by professional category (expressed in local currency):

Country	Professional Category	Gender	% employees	Average salary
	Executives/Senior Manager/Manager	Women	19.7%	75,795 €
	Executives/ Seriioi Piariager/Piariager	Men	80.3%	103,095€
	Copies Desfessionals /Supervisess	Women	34.1%	43,033 €
	Senior Professionals/Supervisors	Men	65.9%	50,071 €
	Professionals	Women	27.1%	34,495€
	Professionals	Men	72.9%	43,727 €
Ci-	A location (Comment	Women	43.8%	30,680€
Spain	Administratives/Support	Men	56.2%	32,623€
	Blue Collars	Women	41.7%	26,535 €
	Blue Collars	Men	58.3%	28,888€
	TOTAL 2020	Women	40.5%	27,861 €
	TOTAL 2020	Men	59.5%	33,006 €
	TOTAL 2010	Women	38.9%	27,464 €
	TOTAL 2019	Men	61.1%	32,503 €

	Executives/Senior Manager/Manager	Women	18.3%	£82,360
		Men	81.7%	£90,609
	Senior Professionals/Supervisors	Women	22.7%	£40,941
	Seriioi i Toressionats/ Supervisors	Men	77.3%	£47,657
	Professionals	Women	25.8%	£35,193
	i ioressioriais	Men	74.2%	£41,512
United Kingdom	Administratives/Support	Women	69.7%	£23,075
Officed Kingdom	Administratives/ Support	Men	30.3%	£24,695
	Blue Collars	Women	28.6%	£22,015
	Dide Collais	Men	71.4%	£27,286
	TOTAL 2020	Women	29.0%	£30,724
	TOTAL 2020	Men	71.0%	£40,725
	TOTAL 2010	Women	27.1%	£26,354
	TOTAL 2019	Men	72.9%	£35,422
	5 /C M /M	Women	27.7%	\$138,617
	Executives/Senior Manager/Manager	Men	72.3%	\$192,068
	C . D	Women	18.8%	\$95,648
	Senior Professionals/Supervisors	Men	81.3%	\$118,280
	Desfectionals	Women	18.5%	\$75,199
	Professionals	Men	81.5%	\$88,308
UCA 16 1	A.L	Women	61.5%	\$53,773
USA and Canada	Administratives/Support	Men	38.5%	\$76,797
	Di C II	Women	6.8%	\$52,421
	Blue Collars	Men	93.2%	\$59,743
		Women	12.3%	\$69,424
	TOTAL 2020	Men	87.7%	\$71,662
		Women	13.1%	\$67,475
	TOTAL 2019	Men	86.9%	\$66,311
		Women	18.0%	174,538 zł
	Executives/Senior Manager/Manager	Men	82.0%	200,796 zł
	6	Women	38.9%	135,054 zł
	Senior Professionals/Supervisors	Men	61.1%	158,949 zł
	D. 6	Women	46.7%	84,429 zł
	Professionals	Men	53.3%	89,822 zł
D	A	Women	71.5%	61,127 zł
Poland	Administratives/Support	Men	28.5%	71,093 zł
	Pl. C.II	Women	1.3%	46,485 zł
	Blue Collars	Men	98.7%	60,506 zł
		Women	23.8%	106,757 zł
	TOTAL 2020	Men	76.2%	118,970 zł
	TOTAL 2010	Women	22.6%	101,465 zł
	TOTAL 2019	Men	77.4%	116,029 zł

	Executives/Senior Manager/Manager	Women	23.3%	50,849,773 CLP
		Men	76.7%	72,902,798 CLP
	Senior Professionals/Supervisors	Women	17.0%	28,451,819 CLP
		Men	83.0%	36,453,011 CLP
	Professionals	Women	20.2%	19,548,974 CLP
	Tolessionals	Men	79.8%	24,425,478 CLP
Chile	Administratives/Support	Women	40.9%	12,908,606 CLP
Cinte	Administratives/ Support	Men	59.1%	14,208,108 CLP
	Blue Collars	Women	5.9%	10,571,875 CLP
	Dide Collars	Men	94.1%	11,725,925 CLP
	TOTAL 2020	Women	8.1%	16,380,451 CLP
	101AL 2020	Men	91.9%	15,120,235 CLP
	TOTAL 2019	Women	10.0%	14,349,130 CLP
	101AL 2017	Men	90.0%	14,828,112 CLP
	Executives/Senior Manager/Manager	Women	31.6%	60,862€
		Men	68.4%	73,182 €
	Senior Professionals/Supervisors	Women	36.4%	39,161 €
	Seriioi Professionalis/ Supervisors	Men	63.6%	50,085€
	Professionals	Women	23.8%	19,041 €
	1 Totessionals	Men	76.2%	20,499 €
Portugal	Administratives/Support	Women	58.3%	16,013 €
Fortugut	Administratives/ Support	Men	41.7%	16,853€
	Blue Collars	Women	54.1%	10,266 €
	Dide Collais	Men	45.9%	10,705€
	TOTAL 2020	Women	50.0%	11,548 €
	101AL 2020	Men	50.0%	14,029 €
	TOTAL 2019	Women	47.3%	9,343 €
	TOTAL 2017	Men	52.7%	10,605€

 $Average \ salaries \ (base \ salary + salary \ supplements) \ by \ age \ group \ (expressed \ in \ local \ currency):$

Country	Age group	Gender	% employees	Average salary
	0-30	Women	42.6%	23,973 €
	0-30	Men	57.4%	24,835 €
	30-45	Women	37.8%	28,999€
Ci-	30-45	Men	62.2%	31,240 €
Spain	. 4.5	Women	42.0%	27,854€
	>45	Men	58.0%	35,778 €
	TOTAL 2020	Women	40.5%	27,861 €
		Men	59.5%	33,006 €
	0-30	Women	31.9%	£39,980
	0-30	Men	68.1%	£40,138
	30-45	Women	31.0%	£33,801
11-i4- d V: d	30-45	Men	69.0%	£35,635
United Kingdom	>45	Women	26.8%	£39,852
	743	Men	73.2%	£38,707
	TOTAL 2020	Women	29.0%	£30,724
	TOTAL 2020	Men	71.0%	£40,725

	0-30 -	Women	12.5%	\$62,649
		Men	87.5%	\$56,641
	30-45	Women	15.3%	\$69,899
USA and Canada		Men	84.7%	\$77,894
OSA uno cunuou	>45	Women	9.6%	\$75,012
	/ -	Men	90.4%	\$76,979
	TOTAL 2020	Women	12.3%	\$69,424
	101AL 2020	Men	87.7%	\$71,662
	0.30	Women	36.6%	74,861 zł
	0-30	Men	63.4%	72,677 zł
	20 / 5	Women	25.6%	110,944 zł
Delegal	30-45	Men	74.4%	122,801 zł
Poland		Women	10.7%	150,294 zł
	>45 —	Men	89.3%	104,699 zł
		Women	23.8%	106,757 zł
	TOTAL 2020	Men	76.2%	118,970 zł
	0.30	Women	10.1%	12,831,361 CLP
	0-30	Men	89.9%	11,566,074 CLP
	20.75	Women	7.9%	19,776,287 CLP
CLU	30-45 -	Men	92.1%	15,230,930 CLP
Chile		Women	6.6%	14,115,065 CLP
	>45 -	Men	93.4%	17,964,317 CLP
	TOTAL 2020	Women	8.1%	16,380,451 CLP
	TOTAL 2020 -	Men	91.9%	15,120,235 CLP
	0.30	Women	40.4%	10,342 €
	0-30	Men	59.6%	10,971 €
	20.75	Women	44.9%	11,459 €
	30-45	Men	55.1%	12,287 €
Portugal		Women	55.5%	13,360 €
	>45 -	Men	44.5%	14,350 €
	TOTAL 2020	Women	50.0%	11,548 €
	TOTAL 2020	Men	50.0%	14,029 €

 $In 2020, information \ on \ average \ salaries \ by \ age \ group, gender \ and \ country \ will \ be \ reported \ for \ the \ first \ time, as \ computer \ systems \ have \ been \ adapted \ for \ their \ collection.$