	Material Aspects	Unit	2019	2020	2021	2022
	Energy consumption within the organization Total energy consumption within the organization Total non-remeable energy consumption	MWh	2,040,424	2,052,529	2,034,529	2,027,0
	Total non-renewable consumption Total renewable consumption Total energy consumption within the organization from non-renewable source	MWh MWh	565,676	632,877	648,802	1,130,
	- Fuel oil - Netural gas	MWh MWh	312,561 5,303	337,162 19,219	358,328 23,207	91,6 21,3
	- Reused oil - Gasoline	MWh MWh	87,989 1,197	62,580 1,356	32,404 1,049	1,6
	- Dissel - Bituminous Coal	MWh	300,959 345,614	276,071 303,623	267,942 279,421	283,2 305,5
	- LPG Electricity and steam purchased for consumption, from non-renewable source	MWh	50,392	82,427	70,364	69,5
	Electricity consumption from grid Electricity consumption from third party	MWh	323,884 10,924	312,711 6,640	305,173 8,284	316)
	Steam consumption from non-renewable sources Electricity and ateam purchased for consumption from renewable sources	MWh	34,925	37,863	39,555	63,0
	Steam consumption from renewable sources Total energy consumption within the organization from renewable sources	MWh	0	0	0	18,
	- Biogas - Concentrated slop	MWh	185,689 74,952	174,999 141,309	174,593 133,899	207,9
	- Technical alcohol - Wood Chip	MWh MWh	15,134 280,103	17,953 275,218	42,571 224,508	20) 420;
	- Rice Husk - Biofuets	MWh	9,522 167	9,744 13,505	52,595 16,757	72,1 13,1
	Self-generated electricity from renewable sources - Solar energy	MWh	109	149	3,881	13)
	Energy sold ⁽¹⁾ - Electricity sold from renewable sources	MWh	47,344	42,629	48,073	55,
	- Condensate sold from non-renewable sources Frame intensity - Reverant Resistense	MWh MJ/hL	231.74	101 232.44	43 241.35	22
IRI303-3	Energy intensity - Food Business Water Withdrawal	MJ/ kg	6.93	8.14	8.16	
	Total volume of water withdrawn - Surface water (Freshwater ≤ 1000 mg/t. Total Dissolved Solids)	Megalitera Megalitera	24,081 18,233	24,867 16,170	25,231 16,780	25, 17,
	Surface water (Other water > 1000 mg/L Total Dissolved Solids) Total surface water withdrawn	Megalters Megalters	18.233	734 16.904	568 17.348	16
	Ground water (Freshwater S 1000 mg/L Total Dissolved Solids) Ground water (Other water > 1000 mg/L Total Dissolved Solids)	Megalters Megalters	4,249	5,670	5,676	4,
	- Total ground water withdrawn	Megalters Megalters	4,249	5,670	5,676	4
	- Seawater (Other water > 1000 mg/ L Total Dissolved Solids)	Megalters	0	0	0	
	- Total seawater withdrawn - Produced water (Freshwater ≤ 1000 mg/L Total Dissolved Solids)	Megalters Megalters	0	0	0	
	Produced water (Other water > 1000 mg/ L Total Dissolved Solids) Total produced water withdrawn	Megalters Megalters	0	0	0	
	- Third-party water (Freshwater S 1000 mg/L Total Dissolved Solids) - Third-party water (Other water > 1000 mg/L Total Dissolved Solids)	Megalters Megalters	1,465	2,130 163	2,019	2
	- Total third-party water withdrawn Total volume of water withdrawn in water stressed areas	Megalters Megalters	1,599	2,293 13,298	2,207 12,462	13
	- Surface water (Freshwater ≤ 1000 mg/L Total Dissolved Solids) - Surface water (Other water > 1000 mg/L Total Dissolved Solids)	Megalitera Megalitera	9,638	8,885	8,284	9
	- Total surface water withdrawn - Ground water (Freshwater ≤ 1000 mg/L Total Dissolved Solids)	Megalters Megalters	9,638 2,640	8,888 3,393	8,334 3,181	3
	- Ground water (Other water > 1000 mg/ L Total Dissolved Solids)	Megalters	0	0	0	
	- Total ground water withdrawn - Seawater (Freshwater ≤ 1000 mg/L Total Dissolved Solids)	Megaltera Megaltera	2,640	3,393	3,181	3
	- Seawater (Other water > 1000 mg/ L Total Dissolved Solids) - Total rainwater withdrawn	Megalters Megalters	0	0	0	
	Produced water (Freshwater ≤ 1000 mg/L Total Dissolved Solids) Produced water (Other water > 1000 mg/L Total Dissolved Solids)	Megaltera Megaltera	0	0	0	
	- Total produced water withdrawn	Megalters Megalters	0 443	1,017	947	
	Third-party water (Freshwater S 1000 mg/L Total Dissolved Solids) Third-party water (Other water > 1000 mg/L Total Dissolved Solids) Total third-party water withdrawn	Megalters Megalters	0 443	1,017	947	
	- Third-party water that is surface water	Megalters	443	1,017	947	
	- Third-party water that is ground water - Third-party water that is seawater	Megaliters Megaliters	0	0	0	
3-4	- Third-party water that is produced water Water Discharge	Megaliters	٥	٩	٥	
	Total volume of water discharge - Surface water	Megalters Megalters	11,040 8,313	12,199 9,524	11,327 8,251	10
	- Ground water - Seawater	Megalters Megalters	21	33	0 47	
	- Third-party water Total volume of freshwater discharge (5 1000 mg/L Total Dissolved Solids)	Megalters Megalters	2,706 5,305	2,642 4,272	3,029 5,471	5
	Total volume of other water discharge (> 1000 mg/L Total Dissolved Solidal Total volume of freshwater discharge in water stressed areas (\$ 1000 mg/L	Megalters Megalters	5,735 2,689	7,927 1,263	5,856 2,120	1
33-5	Total volume of other water discharge in water shessed areas (> 1000 mg/l Water Consumption	Megalters	3,604	4,971	3,467	3
	Total water consumption Total water consumption in non-water stressed areas	Megalitera Megalitera	12,932 2,900	12,745 713	14,548 4,206	13
	Total water consumption in water stressed areas	Megalters Megalters	10,032	12,035	10,342	- 11
	Change in water storage indicates increase in storage volume Water Internally			(80)		
	Water Intensity - Beverage Business Water Intensity - Food Business Net Water Consumption	hL/hL hL/kg	4.05 0.21	3.98 0.23	4.77 0.26	
SI	Total Net Water Consumption	Megalitera	15,896	20,845	20,833	2
	Total municipal water supplies (or from other water utilities) Withdrawal: Surface water (lakes, rivers, etc.)	Megalters Megalters	1,599 18,233	2,293 16,904	2,207 17,348	18
	Withdrawal: Groundwater Discharge: Water returned to the source of extraction at similar or higher quality (Surface water and Groundwater). ⁽¹⁾	Megalters	4,249	5,670	5,676	- 4
			5 183	4.022	4 708	
25-1	Gross direct (Scope 1) GHC emissions	Megalters	5,163	4,022	4,398	
	Gross direct (Scope 1) GHG emissions Gross direct (Scope 1) GHG emissions Direct (Scope 1) GHG emissions	Metric tons CO ₂ e Metric tons CO ₂ e	5,183 1,335,633 945,054	4,022 1,309,649 906,081	4,395 1,218,876 800,393	1,194
	Gross direct (Scope 1) GHG emissions Gross direct (Scope 1) GHG emissions Direct (Scope 1) GHG emissions		1,335,633	1,300,640	1,218,876	1,194
	Gross direct (Scope 1) GHG emissions Gross direct (Scope 1) GHG emissions	Metric tons CO ₂ e Metric tons CO ₂ e	1,335,633 945,054	1,300,640	1,218,876 800,393	1,194 742 452
25-2	Gross derct (Scope 1) GHG emissions Direct (Scope 1) GHG emissions Direct (Scope 1) GHG emissions Direct (Scope 1) GHG emissions Emergy Indexet (Scope 2) GHG emissions Emergy Indexet (Scope 2) GHG emissions Location-based	Metric tons CO ₂ e	1,335,633 945,064 390,569	1,309,640 906,081 394,559	1,218,876 800,393 418,453 175,516 174,889	1,194 742 452
95-2	Gross direct (Seque 1) Gril Cembasions Olean direct (Seque 1) Gril Cembasions Design (Seque 1) Gril Cembasions Design (Seque 1) Gril Cembasions Eurogy indexed (Seque 2) Gril Cembasions Eurogy indexed (Seque 2) Gril Cembasions Location-Seaded Marcel Seaded Other Indexed (Seque 2) Gril Cembasions (Control-Seaded Debt (Seque 2) Gril Cembasions Other Seaded (Seque 2) Gril Cembasions (Indexed Seaded Debt (Seque 2) Gri	Metric tons CO ₂ e	1,335,633 945,064 390,569 105,090 105,730 896,810 712,865	1,303,645 905,031 394,059 180,985 180,371 741,679 500,034	1,218,876 800,393 416,493 175,518 174,893 1,407,457 850,109	1,194 742 462 19 1,330 1,024
25-2	Gross dentil (Signey) (MIS cambones Gross dentil (Signey) (MIS cambones Gross feeth (Signey) (MIS cambones Gross (Feeth) (MIS ca	Metric tons CO ₂ e	1,335,633 945,064 390,569 195,730 896,810 712,995 NA 102,465	1,309,649 906,031 394,509 180,905 180,371 741,679 500,634 NA 99,238	1,218,876 800,393 410,453 175,518 174,899 5,407,457 850,199 28,054 91,984	1,1949 742 452 128 139 1,004 46 63
25-2	Gene shared (Supple) (1965 createurs Gene shared (Supple) 1965 createurs Christian (Supple) (1965 createurs Christian (Su	Metric tons CO ₂ e	1,335,633 945,054 390,569 195,056 195,730 956,916 712,885 NA NA	1,300,640 905,081 394,509 180,905 180,371 741,679 500,834 NA 92,235 NA 30,142	1,218,876 800,303 418,483 175,516 174,809 1,407,407 800,004 91,904 71,517	1,194 742 452 19 1,336 1,024 45 53
25-2	Cours shared below (1 GHZ characters Cours shared below (1 GHZ characters Despect (2), common Engine (2), common Engine (Metric tons CO ₂ e Metric tons CO ₃ e Metric tons CO ₂ e Metric tons CO ₂ e Metric tons CO ₃ e	1,335,633 945,064 390,569 195,730 896,810 712,995 NA 102,465	1,300,649 500,031 394,599 100,995 100,371 741,679 500,534 N/A 99,235 N/A 30,142 N/A 7,160	1,218,876 800,303 410,403 175,516 174,509 1,407,407 880,109 20,004 91,504 91,504 NA 7,576	1,194 742 452 19 19 1,339 1,024 46 83
25-2	Construction Control (Construction Construction Construct	Matric tens CO _p e Matric tens CO _p e	1,338,633 945,046 950,569 195,596 195,700 826,816 712,885 NAS NAS NAS NAS NAS NAS NAS NAS	1,202,645 500,001 394,599 100,995 100,371 741,679 508,834 NA 92,235 NA 30,142 NA 7,100 6,070 6,070	1,216,876 803,393 410,493 175,516 174,899 5,497,497 800,109 20,004 91,984 71,517 1,517 1,706 42,913 1,706	1,1949 742 452 19 1,024 45 63 53 4 4 8 3 34
25-3	Grows share (Johny I) (Self simulations Grows share (Johny I) (Self simulations Chee) (Johns II) (100 minutum Chee) (Johns II) (100 minutum Chee) (Johns III) (100 minutum Chee) (Johns III) (100 minutum Chee) (Johns III) (Johns III) (Johns III) Chee) (Johns III) (Johns III) (Johns III) Chee) (Johns III) (Johns III) (Johns III) Chee) (Johns III) (Johns III) Chee) (Johns III) (Johns III) Chee) (Johns IIII) Chee) (Johns IIIII) Chee) (Johns IIIII) Chee) (Johns IIIIIII) Chee) (Johns IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Metric tons CO _{pt}	1,338,633 945,084 390,969 188,086 199,730 98,816 712,885 NA 102,486 NA NA NA	1,309,640 506,001 304,509 180,905 180,905 180,975 244,979 508,934 NA 92,235 NA 92,235 NA 7,100 8,700	1,216,076 800,303 410,403 175,516 177,516 177,516 1800,100 28,004 91,004 77,517 3,640 NA 7,076 42,913	1,194 742 452 12 19 1,330 1,024 45 45 45 45 45 45 45 45 45 45 45 45 45
25-2	Construction (Construction Construction Cons	Matric tons CO ₂ e	1,335,633 945,054 390,569 100,056 100,730 925,919 NA NA NA NA NA NA NA	1,309,640 505,001 304,509 100,305 100,305 100,371 744,679 505,034 NA 99,235 NA 99,235 NA 10,42 NA 10,42 10,40 1	1218,076 800,303 410,403 173,516 174,509 1,407,407 800,109 20,004 71,517 3,640 NA 7,076 1,094	1,194 742 452 199 199 1,336 1,024 453 443 453 453 454
25-3	Construction (Service) (Service) Service (Service) (Service) Service) (Service) (Service) Service) (Service) (Service) Service) (Service) (Service) Service) (Service) (Service) (Service) Service) (Service) (Service) (Service) Service) (Service) (Service) (Service) (Service) Service) (Service)	Maric tens CQ. Meric tens CQ.	1,336,633 941,054 390,569 160,090 160,090 160,730 992,840 712,860 NUA 102,486 NUA NUA NUA NUA NUA NUA NUA NUA	1,309,649 900,003 304,009 180,009 180,371 744,879 90,334 NA NA NA NA NA NA NA NA NA NA NA NA NA	1,216,876 600,303 410,403 410,403 1770,516 1770,516 1770,516 1770,516 20,004 91,504 91,504 71,517 3,649 NA 7,507 42,913 1,703 1,703 220,717 23,077	4 1,1949 452 452 192 1,004 454 454 454 454 454 454 454 454 454
25-3	Grant share Delays () Giff constants Grant share Delays () Giff constants Grant () Giff constants G	Matric tens CO ₂ : Metric tens CO ₂ : Metric tens CO ₂ : Metric tens CO ₃ : Metric tens CO ₄ : Metric tens CO ₃ : Metric tens CO ₄ : Metric tens C	1,335,633 946,054 300,059 150,750 150,750 150,750 150,750 150,750 150,450 150,	1,309,649 800,031 394,009 800,031 394,009 800,031 394,009 800,031 394,009 816,000 816,	1,218,876 800,393 418,453 1175,518 1176	4 1,194 452 452 452 452 452 452 452 452 452 45
365-3	Construction (Service) (Service) Service (Service) (Service) Service) (Service) (Service) Service) (Service) (Service) Service) (Service) (Service) Service) (Service) (Service) (Service) Service) (Service) (Service) (Service) Service) (Service) (Service) (Service) (Service) Service) (Service)	Mariet teams COpe Mariet teams COpe Mariet teams COpe Mariet teams COpe Mariet teams COP Ma	1,336,533 940,064 300,000 160,066 160,066 160,066 160,772 966,859 171,066 190,0	1,306,649 500,0031 304,000 100,0031 100,000 100,007 10	1,218,07 (0.03.00) (0.03.0	4 1,194 452 452 452 452 452 452 452 452 452 45
365-3	Construction (Construction Construction Cons	Mariot turns COpe Mariot turns	1,33,43 94,064 36,060 160,060 160,060 160,060 160,770 98,859 171,060 100,460 1	1,305,649 500,5031 304,000 100,301 100,301 100,371 100,301 100,371 100,374 100	1,718,719 100,303 113,505 113,505 113,505 114,603 114,	4 4 452 453 453 453 453 453 453 453 453 453 453
365-3	Construction (Construction Construction Cons	Matric tons COp. Marris tons Marri	1,236,650 390,060 100,060 1	1305,60 100,001 100,001 100,001 100,001 100,001 746,001 746,001 100	1,218,371 80,371 175,080 175,0	4 4 5 1,304 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
365-3	Construction (Construction Construction Cons	Marie two CDs	\$2,004.50 \$10,00	13,00,60 100,001 100,0	\$2,000 mm (1,000 mm) (4 4 52 5.59 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
365-3	Construction (Construction Construction Cons	Marint team COpin Marint team	\$2,954.50 \$40,054 \$40,054 \$40,054 \$40,055 \$	1,000,601 304,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 100,	\$2,76,874 \$0,375 \$1,75,435 \$1,75,435 \$1,75,435 \$1,75,435 \$2,000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
205-3	Construction (Security Construction Construction (Security Construction Construction (Security Construction C	Marie two CDs	\$3,000 and \$1,000 and	1300.66 500.001 100.005 100.001 100.005 100.00	\$2,000 mm (1,000 mm) (4 4 53 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
205-3	Construction (Construction Construction Cons	Maric tens CQs Maric	\$256,500 \$45,5	1300.66 900.00 1 100.	\$256.00 (100.00) \$250.0	4 4 4 52 2 4 4 5 2 2 4 5 2 5 2 5 2 5 2 5
205-3	Construction (Construction Construction Cons	Maries team COpin Maries team	1,234,623 946,064 946,064 950,060 100,060 100,700 1	15,000,660 SOC.081 SOC	\$2,000 PM (\$10,000	4 4 4 52 2 4 4 5 2 2 4 5 2 5 2 5 2 5 2 5
205-3	Construction (Construction Construction Cons	Maries team COpe Maries two Marie	\$2,000,000 \$10	1300.66 900.00 1 100.	175,048 600,303 400,403 175,040 175,04	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
205-3	Construction (Construction Construction Cons	Merinic times COpin Marini times Marini	\$2,000,000 \$60	15,000,666 600,001 1500,000 1500,	1.756.878 600.303 618.603 175.504 175.504 175.504 175.504 175.507 175.	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
06-3	Construction (Construction Construction Cons	Maries team COpin Maries two	1.286,522 300,004 300,000 1	1,300,646 SOC.081 SOC.	1716.00 (100.00) (100	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
205-3	Construction (Sept. 1) (Self Communication Construction C	Marinis trans COpi Marinis trans Marinis trans Mar	\$20,000 100,00	State Stat	177,078 100,000 1170,	1,154,00
06-3	Construction (Construction Construction Cons	Merric tens CQui Maris tens CQ	\$2,000 \$2	13,000,668 (600,601) 100,001 (100,601) 100,001 (100,601) 100,001 (100,001) 100,001 (1.716.076 600.300 401.400 1175.500 1176	1,154,00
06-3	Count shared being 10 Get immension Count shared being 10 Get immension Fagger CD, remission Engine CD, remission CD,	Meric tens CQu Maris tens	\$2,000 \$2	United U	1.756.878 600.303 618.603 175.504 175.504 175.504 175.504 175.504 175.507 175.	1,194,194,194,194,194,194,194,194,194,19
06-3	Construction (Construction Construction Cons	Marini time CO2 Marini time CO3 Marini time CO3 Marini time Marini	\$2,000,000 \$100,000	United U	\$2,000 to \$1,000	1,194,194,194,194,194,194,194,194,194,19
06-3	Construction (Construction Construction Cons	Marinis trans COpi Marinis trans Marinis trans	\$2,000 \$2	United U	175,200 175,20	1,194,194,194,194,194,194,194,194,194,19
06-3	Count shared being 10 Get innestees Count shared being 10 Get innestees Story and the County of County of County Story and County of County of County Story and County Story an	Marini tens CQs Marini tens Ma	\$2,000 \$2	United U	\$2,000 to \$1,000	1,194,194,194,194,194,194,194,194,194,19
06-3	Construction Depth of 1905 constants Construction Construction Depth of 1905 construction Depth of 1905 construction Congregation Congrega	Marinis trans COpi Marinis trans Marinis trans Mar	\$2,000 pt 100,000 pt 100,00	Date	\$2,000 to \$1,000	1,194,194,194,194,194,194,194,194,194,19
352 353 353 353 353 353 353 353 353 353	Count share the Count share th	Service times COpin Marine times	\$2,000 \$2	United U	175,019 175,01	1,194,194,194,194,194,194,194,194,194,19
06-3	Construction (Construction Construction Cons	Meric time CQu Maris time Maris	\$2,000 per 100	United U	178,500 408,403 178,500 178,50	4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
352 353 353 353 353 353 353 353 353 353	Construction (Construction Construction Cons	Mentils there COpie Marins there Marins th	\$2,000 \$2	Date	\$2,000 P. \$2,000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
352 353 353 353 353 353 353 353 353 353	Construction (Construction Construction Cons	Service times COpie Marine times Mar	\$2,000 \$2	Under Unde	\$2,000 to \$1,000	4 4 4 4 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
352 353 353 353 353 353 353 353 353 353	Count shared being to God consulation Count shared being to God consulation County and the County of County of County County through County County County Shared County Co	Meric time CQs Marin time Ma	\$2,000 \$2,	United U	178,348 600,303 618,603 178,304 178,304 178,304 178,304 178,304 178,307 178,304 178,307 178,30	4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
352 353 353 353 353 353 353 353 353 353	Construction (Sept 1) 400 measures Construction (Sept 1) 400 measures Engine Co, memors Engine Co, memors	Marinis towar COpie Marini	\$2,000 10,	DRAME DRAME	\$2,000 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
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300-3	Construction (Sept 1) 400 measures Construction (Sept 1) 400 measures Engine Co, memors Engine Co, memors	Marinis towar COpie Marini	\$2,000 \$2,	DRAME DRAME	\$2,000 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	1 10 10 10 10 10 10 10 10 10 10 10 10 10
300-3	Construction Control C	Medicis tows COpin March tows Ma	\$2,000 \$2	Date	\$2,000 177,200	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
300-3	Construction Depart of Special Sections 2000 Section	Service times COpin Marine times Marine	\$1,000,000 \$100,000	Date	175,019 175,01	1.56 A 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
300-3	Count shared being to God consulters County shared they are to God consulters County share	Service times COpie Maries times M	\$2,000 \$2	United U	178.00 (100.00) (100.	4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5