Sustainability in Numbers

Delta Electronics (Thailand) Public Company Limited

Updated: May 2022

#### Note

Cycle: January – December 2021

Boundary: Major manufacturing sites in Thailand, India and Slovakia

Data collection standard: GRI Standard

#### **Economic Perf**

#### Worker

adicators	Material Assesses		vera	ige	Unit	2014	2015	2016	2017	2018	2019	2020	2021		
ndicators	Material Aspects	TH	sĸ	IN	Unit	2014	2015	2010	2017	2010	2019	2020	2021		
-	Production amount	٠	٠	٠	MUSD	1,170.35	1,193.11	1,211.22	1,301.89	1,460.89	1,372.87	1,814.36	2,347.		
RI 302-1	Energy consumption within the organization														
(1+2+3)	Total energy consumption within the	١.			GJ	262,891.09	280,453.81	290,372.52	296,756.25	304,727.97	300,589.09	348,413.49	401,352.		
	organization	Ι.		Ι.	MWh	73,025.30	77,903.84	80,659.03	82,432.29	84,646.66	83,496.97	96,781.52	111,486		
1	Total fuel consumption within the organization				GJ	9,101.66	9,542.80	10,355.01	12,117.07	11,537.13	11,258.97	11,174.20	13,725		
	0. 1	٠.			MWh GJ	2,528.24	2,650.78	2,876.39	3,365.85	3,204.76	3,127.49	3,103.95	3,812		
	- Gasoline	÷	•	÷		97.44	129.26	67.98	200.63	170.94	142.39	214.28	166		
	- Diesel	-		÷	GJ	3,772.95	2,728.94	2,800.48	4,263.82	4,254.61	3,766.02	3,606.35	4,816		
	- LPG	٠.	٠		GJ	6.17	3.69	6.02	5.23	-	4.43	4.44			
	- Natural Gas	·	٠	٠	GJ	5,225.10	6,680.91	7,480.53	7,647.40	7,111.58	7,346.12	7,349.14	8,741		
2	Electricity and stream purchased for consumption	ŀ			GJ	253,564.07	270,586.71	278,939.95	274,251.90	269,673.36	258,001.32	302,693.46	352,143		
					MWh	70,434.46	75,162.97	77,483.32	76,181.08	74,909.27	71,667.03	84,081.52	97,817		
	- Electricity consumption	•	•	٠	GJ	253,564.07	270,586.71	278,939.95	274,251.90	269,673.36	258,001.32	302,693.46	352,143		
3	Renewable Energy Self-Generation	١.			GJ	225.36	324.30	1,077.57	10,387.28	23,517.49	31,328.80	34,545.83	35,483		
	Renewable Energy Self-Generation	ľ	·	ľ	MWh	62.60	90.08	299.32	2,885.36	6,532.64	8,702.44	9,596.06	9,856		
	- Solar energy		•		GJ	225.36	324.30	1,077.57	10,387.28	23,517.49	31,328.80	34,545.83	35,483		
	Total Energy consumption intensity		٠	٠	MWh/MUSD	62.40	65.29	66.59	63.32	57.94	60.82	53.34	47		
	Non-renewable consumption intensity				MWh/MUSD	62.34	65.22	66.35	61.10	53.47	54.48	48.05	43		
	- Electricity intensity	•		٠	MWh/MUSD	60.18	63.00	63.97	58.52	51.28	52.20	46.34	41		
	- Total fuel consumption intensity				MWh/MUSD	2.16	2.22	2.37	2.59	2.19	2.28	1.71			
	Renewable consumption intensity (Solar)	٠	٠	٠	MWh/MUSD	0.05	0.08	0.25	2.22	4.47	6.34	5.29	4		
RI 302-4	Reduction of energy consumption														
	Total Reduction of energy consumption within the	١.			GJ	0.00	4,873.34	9,485.35	8,870.39	22,009.78	18,395.50	9,778.96	7,280		
	organization				MWh	0.00	1,353.71	2,634,82	2,464.00	6.113.83	5,109,86	2,716.38	2,022		
	- Reduction of electricity consumption	•1			GJ	0.00	4,873.34	9,485.35	8,870.39	22,009.78	18,395.50	9,778.96	7,280		
	- Reduction of electricity consumption intensity	.1			MWh/MUSD										
	(Saving energy intensity)	_				0.00	1.36	2.52	2.21	4.91	4.24	1.64	C		
RI303-3	Water withdrawal by source														
	Total water withdrawal (including rain water)	•2	•2	•2	Megaliters	296.75	342.71	340.69	372.17	380.54	356.83	368.95	430		
	Total water withdrawal (Including rain water)	-2	•2	.2	Million cubic meters	0.2968	0.3427	0.3407	0.3722	0.3805	0.3568	0.3690	0		
	Total water withdrawal (excluding rain water)	•2	•2	•2	Megaliters	296.75	342.71	340.69	372.17	377.16	350.83	364.75	42		
	Total water withdrawal (excluding rain water)	-2	•2	.2	Million cubic meters	0.2968	0.3427	0.3407	0.3722	0.3772	0.3508	0.3647			
	Total Water withdrawal Intensity (Ground+Municipal water+rain water)	•2	•2	•2	Megaliters/ MUSD	0.254	0.287	0.281	0.286	0.260	0.260	0.203	0		
	Total Water withdrawal Intensity (Ground+Municipal water+rain water)	•2	•2	•2	m³/MUSD	253.56	287.24	281.28	285.87	260.49	259.92	203.35	1		
	., , , , , , , , , , , , , , , , , , ,	-		_	Megaliters/				222.01						

Tota Sur Sur Tota Gro Gro Tota Sec Sec Tot Pro Pro Tota Thin Tota Tota Tota	at Water withdrawal Intensity (excluding rain water)  otal surface water withdrawn (Rain water)  tal surface water withdrawn (Rain water)  urface water (Freshwater ≤ 1000 mg/L Total Dissolved Solids)  otal groundwater withdrawn  tal groundwater withdrawn  tal groundwater withdrawn  coundwater (Freshwater ≤ 1000 mg/L Total Dissolved Solids)  otal seawater (Other water > 1000 mg/L Total Dissolved Solids)  otal seawater withdrawn  eawater (Freshwater ≤ 1000 mg/L Total Dissolved Solids)  otal seawater (Other water > 1000 mg/L Total Dissolved Solids)  otal produced water withdrawn  oduced water (Freshwater ≤ 1000 mg/L Total Dissolved Solids)  otal produced water withdrawn  oduced water (Freshwater ≤ 1000 mg/L Total Dissolved Solids)  otal produced water withdrawn  oduced water (Other water > 1000 mg/L Total Dissolved Solids)  otal third-party water withdrawn  tal third-party water withdrawn	TH .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2	.2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2	.2 .2 .2 .2 .2 .2 .2 .2 .2	Megaliters Millon cubic meters Megaliters Megaliters Megaliters Millon cubic meters Megaliters Megaliters Megaliters Megaliters Megaliters	253.56 0.00 0.000 0.00 0.00 21.37 0.021 21.37 0.00 0.00	287.24 0.00 0.000 0.000 0.000 18.89 0.019 18.89 0.000	281.28 0.00 0.000 0.000 0.000 20.92 0.021 20.92	285.87 0.00 0.000 0.000 0.00 22.12 0.022 22.12	258.17 3.38 0.003 3.38 0.00 24.96	255.54 6.00 0.006 6.00 0.000 24.63	201.03 4.21 0.004 4.21 0.00 15.31	18 6. 0 6 0 14.
Tota Sur Sur Tota Gro Gro Tota Sec Sec Tot Pro Pro Tota Thin Tota Tota Tota	otal surface water withdrawn (Rain water) tal surface water withdrawn (Rain water) urface water (Freshwater ≤ 1000 mg/L Total Dissolved Solids) urface water (Other water > 1000 mg/L Total Dissolved Solids)  otal groundwater withdrawn tal groundwater withdrawn coundwater (Freshwater ≤ 1000 mg/L Total Dissolved Solids)  otal seawater (Other water > 1000 mg/L Total Dissolved Solids)  otal seawater withdrawn eawater (Freshwater ≤ 1000 mg/L Total Dissolved Solids) eawater (Other water > 1000 mg/L Total Dissolved Solids)  otal produced water withdrawn oduced water (Freshwater ≤ 1000 mg/L Total Dissolved Solids) otal produced water withdrawn oduced water (Freshwater ≤ 1000 mg/L Total Dissolved Solids) oduced water (Other water > 1000 mg/L Total Dissolved Solids) oduced water (Other water > 1000 mg/L Total Dissolved Solids) oduced water (Other water > 1000 mg/L Total Dissolved Solids)	.2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2	.2 .2 .2 .2 .2 .2 .2 .2 .2	.2 .2 .2 .2 .2 .2 .2 .2	Megaliters Millon cubic meters Megaliters Megaliters Megaliters Millon cubic meters Megaliters Megaliters Megaliters Megaliters Megaliters	0.00 0.000 0.00 0.00 21.37 0.021 21.37 0.00	0.00 0.000 0.00 0.00 18.89 0.019	0.00 0.000 0.00 0.00 20.92 0.021 20.92	0.00 0.000 0.00 0.00 22.12	3.38 0.003 3.38 0.00 24.96 0.025	6.00 0.006 6.00 0.00 24.63	4.21 0.004 4.21 0.00 15.31	14
Tota Sur Tota Gro Gro Tota Sea Sea Tota Pro Pro Tota Tota Thin Tota Tota Tota Tota Tota	tal surface water withdrawn (Rain water)  urface water (Freshwater ≤ 1000 mg/L Total Dissolved Solids)  urface water (Other water > 1000 mg/L Total Dissolved Solids)  urface water (Other water > 1000 mg/L Total Dissolved Solids)  urface water withdrawn  tal groundwater withdrawn  urface water (Freshwater ≤ 1000 mg/L Total Dissolved Solids)  urface water (Other water > 1000 mg/L Total Dissolved Solids)  urface water (Freshwater ≤ 1000 mg/L Total Dissolved Solids)  urface water (Other water > 1000 mg/L Total Dissolved Solids)  urface water (Other water > 1000 mg/L Total Dissolved Solids)  urface water (Other water > 1000 mg/L Total Dissolved Solids)  urface water (Freshwater ≤ 1000 mg/L Total Dissolved Solids)  urface water (Other water > 1000 mg/L Total Dissolved Solids)  urface water (Other water > 1000 mg/L Total Dissolved Solids)  urface water (Other water > 1000 mg/L Total Dissolved Solids)  urface water (Other water > 1000 mg/L Total Dissolved Solids)  urface water (Other water > 1000 mg/L Total Dissolved Solids)	.2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2	.2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2	.2 .2 .2 .2 .2 .2 .2 .2	Million cubic meters Megaliters Megaliters Megaliters Million cubic meters Megaliters Megaliters Megaliters Megaliters	0.000 0.00 0.00 21.37 0.021 21.37 0.00	0.000 0.00 0.00 18.89 0.019	0.000 0.00 0.00 20.92 0.021 20.92	0.000 0.00 0.00 22.12 0.022	0.003 3.38 0.00 <b>24.</b> 96 0.025	0.006 6.00 0.00 24.63	0.004 4.21 0.00 15.31	14
Sur Sur Tota Gro Gro Pro Tota Tota Tota Tota Tota Tota Tota Tot	urface water (Freshwater < 1000 mg/L Total Dissolved Solids) urface water (Other water > 1000 mg/L Total Dissolved Solids)  urface water (Other water > 1000 mg/L Total Dissolved Solids)  utal groundwater withdrawn tal groundwater withdrawn  utal groundwater (Freshwater < 1000 mg/L Total Dissolved Solids)  utal seawater withdrawn  eawater (Freshwater < 1000 mg/L Total Dissolved Solids)  utal seawater (Other water > 1000 mg/L Total Dissolved Solids)  utal produced water withdrawn  oduced water (Freshwater < 1000 mg/L Total Dissolved Solids)  utal produced water withdrawn  oduced water (Other water > 1000 mg/L Total Dissolved Solids)  utal third-party water withdrawn	.2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2	.2 .2 .2 .2 .2 .2 .2 .2	.2 .2 .2 .2 .2 .2 .2	meters Megaliters Megaliters Megaliters Million cubic meters Megaliters Megaliters Megaliters Megaliters	0.00 0.00 21.37 0.021 21.37 0.00	0.00 0.00 18.89 0.019	0.00 0.00 20.92 0.021 20.92	0.00 0.00 22.12 0.022	3.38 0.00 24.96 0.025	6.00 0.00 24.63	4.21 0.00 15.31	1
Tota Gro Gro Fro Fro Fro Tota Thin Tota Tota Tota Tota Tota Tota Tota	ortal groundwater withdrawn tal groundwater withdrawn tal groundwater withdrawn toundwater (Freshwater ≤ 1000 mg/L Total Dissolved Solids) toundwater (Other water > 1000 mg/L Total Dissolved Solids) toundwater (Other water > 1000 mg/L Total Dissolved Solids) total seawater withdrawn toundwater (Freshwater ≤ 1000 mg/L Total Dissolved Solids) total seawater (Other water > 1000 mg/L Total Dissolved Solids) total produced water withdrawn toundwater (Freshwater ≤ 1000 mg/L Total Dissolved Solids) toundwater (Other water > 1000 mg/L Total Dissolved Solids) toundwater (Other water > 1000 mg/L Total Dissolved Solids) toundwater (Other water > 1000 mg/L Total Dissolved Solids)	.2 .2 .2 .2 .2 .2 .2 .2 .2 .2	.2 .2 .2 .2 .2 .2 .2 .2	.2 .2 .2 .2 .2	Megaliters Megaliters Million cubic melers Megaliters Megaliters Megaliters	0.00 21.37 0.021 21.37 0.00	0.00 18.89 0.019 18.89	0.00 20.92 0.021 20.92	0.00 22.12 0.022	0.00 24.96 0.025	0.00 24.63	0.00 15.31	1
Tota Gro Gro Tota Sea Sea Tot Pro Tota Thin Tota Tota Tota Tota Tota Tota Tota	otal groundwater withdrawn  tal groundwater withdrawn  toundwater (Freshwater ≤ 1000 mg/L Total Dissolved Solids)  toundwater (Other water > 1000 mg/L Total Dissolved Solids)  total seawater withdrawn  teawater (Freshwater ≤ 1000 mg/L Total Dissolved Solids)  teawater (Other water > 1000 mg/L Total Dissolved Solids)  total produced water withdrawn  touloud water (Freshwater ≤ 1000 mg/L Total Dissolved Solids)  touloud water (Other water > 1000 mg/L Total Dissolved Solids)  touloud water (Other water > 1000 mg/L Total Dissolved Solids)	• 2 • 2 • 2 • 2 • 2 • 2 • 2 • 2 • 2 • 2	.2 .2 .2 .2 .2 .2	•2 •2 •2 •2 •2	Megaliters Million cubic melers Megaliters Megaliters Megaliters	21.37 0.021 21.37 0.00	18.89 0.019 18.89	20.92 0.021 20.92	22.12 0.022	24.96 0.025	24.63	15.31	1
Tota Gro Gro Tot See See Tot Pro Pro Tota Thi Tota Tota Tota Tota	tal groundwater withdrawn roundwater (Freshwater ≤ 1000 mg/L Total Dissolved Solids) roundwater (Other water > 1000 mg/L Total Dissolved Solids) roundwater (Withdrawn roundwater (Freshwater ≤ 1000 mg/L Total Dissolved Solids) roundwater (Freshwater ≤ 1000 mg/L Total Dissolved Solids) roundwater (Other water > 1000 mg/L Total Dissolved Solids) rotal produced water withdrawn roduced water (Freshwater ≤ 1000 mg/L Total Dissolved Solids) roduced water (Other water > 1000 mg/L Total Dissolved Solids) rotal third-party water withdrawn	.2 .2 .2 .2 .2 .2 .2 .2	•2 •2 •2 •2 •2 •2	.2 .2 .2	Millon cubic meters Megaliters Megaliters Megaliters	0.021 21.37 0.00	0.019 18.89	0.021 20.92	0.022	0.025			
Tota Gro Gro Tot See See Tot Pro Pro Tota Thi Tota Tota Tota Tota	tal groundwater withdrawn roundwater (Freshwater ≤ 1000 mg/L Total Dissolved Solids) roundwater (Other water > 1000 mg/L Total Dissolved Solids) roundwater (Withdrawn roundwater (Freshwater ≤ 1000 mg/L Total Dissolved Solids) roundwater (Freshwater ≤ 1000 mg/L Total Dissolved Solids) roundwater (Other water > 1000 mg/L Total Dissolved Solids) rotal produced water withdrawn roduced water (Freshwater ≤ 1000 mg/L Total Dissolved Solids) roduced water (Other water > 1000 mg/L Total Dissolved Solids) rotal third-party water withdrawn	•2 •2 •2 •2 •2 •2 •2 •2	.2	•2 •2 •2	meters Megaliters Megaliters Megaliters	21.37 0.00	0.019 18.89	20.92			0.025	0.015	
Groots Gr	coundwater (Other water > 1000 mg/L Total Dissolved Solids)  otal seawater withdrawn  cawater (Freshwater ≤ 1000 mg/L Total Dissolved Solids)  cawater (Other water > 1000 mg/L Total Dissolved Solids)  otal produced water withdrawn  oduced water (Freshwater ≤ 1000 mg/L Total Dissolved Solids)  oduced water (Other water > 1000 mg/L Total Dissolved Solids)  oduced water (Other water > 1000 mg/L Total Dissolved Solids)	•2 •2 •2 •2 •2 •2	.2	•2 •2	Megaliters Megaliters	0.00			22.12				
Toto See See See See See See See See See Se	catal seawater withdrawn cawater (Freshwater ≤ 1000 mg/L Total Dissolved Solids) cawater (Other water > 1000 mg/L Total Dissolved Solids) cotal produced water withdrawn coduced water (Freshwater ≤ 1000 mg/L Total Dissolved Solids) coduced water (Other water > 1000 mg/L Total Dissolved Solids) cotal third-party water withdrawn	.2 .2 .2 .2 .2	•2 •2 •2	•2	Megaliters		0.00			24.96	24.63	15.31	1
Sec	eawater (Freshwater ≤ 1000 mg/L Total Dissolved Solids) eawater (Other water > 1000 mg/L Total Dissolved Solids) otal produced water withdrawn oduced water (Freshwater ≤ 1000 mg/L Total Dissolved Solids) oduced water (Other water > 1000 mg/L Total Dissolved Solids) otal third-party water withdrawn	.2	•2	•2	-	0.00		0.00	0.00	0.00	0.00	0.00	
Sec	eawater (Freshwater ≤ 1000 mg/L Total Dissolved Solids) eawater (Other water > 1000 mg/L Total Dissolved Solids) otal produced water withdrawn oduced water (Freshwater ≤ 1000 mg/L Total Dissolved Solids) oduced water (Other water > 1000 mg/L Total Dissolved Solids) otal third-party water withdrawn	•2 •2 •2	•2	_	Megaliters		0.00	0.00	0.00	0.00	0.00	0.00	
Tota Tota Tota Tota Tota Tota Tota Tota	eawater (Other water > 1000 mg/L Total Dissolved Solids)  otal produced water withdrawn oduced water (Freshwater ≤ 1000 mg/L Total Dissolved Solids) oduced water (Other water > 1000 mg/L Total Dissolved Solids) otal third-party water withdrawn	•2 •2 •2	•2	_		0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Tot Pro Pro Tota Thi Thi To rain Tota To	otal produced water withdrawn oduced water (Freshwater ≤ 1000 mg/L Total Dissolved Solids) oduced water (Other water > 1000 mg/L Total Dissolved Solids) otal third-party water withdrawn	•2	•2	-		0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Pro Pro Tota Tota Thir To rain Tota Tota Tota Tota	oduced water (Freshwater ≤ 1000 mg/L Total Dissolved Solids) oduced water (Other water > 1000 mg/L Total Dissolved Solids) otal third-party water withdrawn	•2		.2	Megaliters								
Pro Tota Tota Thir To rain Tota To rain Tota	oduced water (Other water > 1000 mg/L Total Dissolved Solids) otal third-party water withdrawn	•2	• 2		ŭ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Tota Tota Thir To rain Tota To rain Tota	otal third-party water withdrawn	_	_	_	Megaliters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Tota Thir Thir Tota Tota Tota Tota Tota		2 2	_	-	Megaliters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Thin To rain Tota To rain Tota To rain Tota	tal third-party water withdrawn	• 2,0	•2,3	•2,3	megamers	275.38	323.83	319.78	350.05	352.20	326.20	349.44	40
Thir To rain Tota To rain Tota		• 2,3	•2,3	.2,3	Million cubic meters	0.275	0.324	0.320	0.350	0.352	0.326	0.349	
To rain Tota To rain Tota	ird-party water (Freshwater ≤ 1000 mg/L Total Dissolved Solids)	• 2,3	• 2,3	•2,3	Megaliters	275.38	323.83	319.78	349.43	352.20	319.92	281.84	35
rain Tota To rain Tota	ird-party water (Other water > 1000 mg/L Total Dissolved Solids)	• 2,3	•2,3	•2,3	Megaliters	0.00	0.00	0.00	0.62	0.00	6.28	67.60	5
Tota To rain Tota	otal water withdrawal in water stressed areas (including	.2	.2	.2	Megaliters								
To rain Tota	in water)	•	•	•	Ĭ	11.82	11.70	13.83	12.30	13.21	13.29	10.37	31
rain Tota	tal water withdrawal in water stressed areas (including rain water)	•2	•2	•2	Million cubic meters	0.012	0.012	0.014	0.012	0.013	0.013	0.010	
Tota	otal water withdrawal in water stressed areas (excluding in water)	•2	•2	•2	Megaliters	11.82	11.70	13.83	12.30	13.21	13.29	10.37	30
	tal water withdrawal in water stressed areas (excluding rain water)	•2	.2	•2	Million cubic	0.012	0.012	0.014	0.012	0.013	0.013	0.010	
Tot		.2	•2	.2	meters Megaliters								
	otal surface water withdrawn (Rain water)				-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	urface water (Freshwater ≤ 1000 mg/L Total Dissolved Solids)	•2	_	_	ŭ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sur	urface water (Other water > 1000 mg/L Total Dissolved Solids)	•2			Megaliters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Tot	otal groundwater withdrawn	•2	•2	•2	Megaliters	8.82	8.84	11.54	11.10	12.15	11.87	8.78	
Tota	tal groundwater withdrawn	•2	•2	•2	Million cubic meters	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
	roundwater (Freshwater≤ 1000 mg/L Total Dissolved Solids)	•2	•2	•2	Megaliters	8.82	8.84	11.54	11.10	12.15	11.87	8.78	
	roundwater (Other water > 1000 mg/L Total Dissolved Solids)	•2	•2	•2	Megaliters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		.2	.2	.2	Megaliters								
	otal seawater withdrawn	.2	_		-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	eawater (Freshwater ≤ 1000 mg/L Total Dissolved Solids)	.2	_	_	Megaliters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sea	eawater (Other water > 1000 mg/L Total Dissolved Solids)		_	_	Megaliters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Tot	otal produced water withdrawn	•2			Megaliters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Pro		•2	•2	•2	Megaliters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Indicators	Material Aspects		over	age	Unit	2014	2015	2016	2017	2018	2019	2020	2021
		TH	sĸ	IN									
	Total third-party water withdrawn	•2	•2	•2	Megaliters	3.00	2.86	2.29	1.21	1.06	1.42	1.59	308.
	Total third-party water withdrawn	•2	•2	•2	Million cubic meters	0.003	0.003	0.002	0.001	0.001	0.001	0.002	0
	Third-party water (Freshwater ≤ 1000 mg/L Total Dissolved Solids)	•2	•2	•2	Megaliters	3.00	2.86	2.29	1.21	1.06	1.42	1.59	270
	Third-party water (Other water > 1000 mg/L Total Dissolved Solids)	•2	•2	•2	Megaliters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37
*	Water recycled and reused												
	Total volume of water recycled and reused by the organization.	•	•	•	Megaliters	17.10	15.98	18.43	28.91	30.47	91.46	118.12	121
	Total volume of water recycled and reused by the organization.				Million cubic meters	0.017	0.016	0.018	0.029	0.030	0.091	0.118	
	- Water reused				Megaliters	0.00	0.08	3.62	12.96	13.85	17,11	34.47	25
	- Water recycled				Megaliters	17.10	15.91	14.81	15.96	16.63	74.35	83.65	95
	Total volume of water recycled and reused as a percentage of the total water withdrawal				%	5.76%	4.66%	5.41%	7.77%	8.01%	25.63%	32.01%	28.
	- Total volume of water reused as a percentage of the total water withdrawal	٠	٠	٠	%	0.00%	0.02%	1.06%	3.48%	3.64%	4.79%	9.34%	5.
	- Total volume of water recycled as a percentage of the total water withdrawal	٠	٠	٠	%	5.76%	4.64%	4.35%	4.29%	4.37%	20.84%	22.87%	22.
RI303-4	Water Discharge												
	Total volume of water discharge in all areas	•4.6	-		Megaliters	161.42	180.70	184.65	204.48	203.89	186.78	206.79	24
	Total volume of water discharge in all areas			•47	Million cubic meters	0.161	0.181	0.185	0.204	0.204	0.187	0.207	
	Surface water	• 4.6	•4,8	•4,7	Megaliters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Groundwater	• 4.6	•4,8	•4,7	Megaliters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Seawater	• 4,6	•4,8	•4,7	Megaliters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Third-party water	• 4.6	•4,8	•4,7	Megaliters	161.42	180.70	184.65	204.48	203.89	186.78	206.79	6
	Total volume of water discharge in water stressed areas	•4.6	•4.8	•4,7	Megaliters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17
	Surface water	. 4.6	.4,8	.4,7	Megaliters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Groundwater	. 4,6	.4,8	.4,7	Megaliters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Seawater	. 4,6	.4,8	•4,7	Megaliters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Third-party water	_	_	.4,7	Megaliters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17
	Water discharge by freshwater and other water	.4,6	_		Megaliters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Total volume of freshwater discharge (≤ 1000 mg/L Total Dissolved Solids)	•4.6	.4,8	•4,7	Megaliters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Total volume of other water discharge (> 1000 mg/L Total Dissolved Solids)	•4.6	.4,8	•4,7	Megaliters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Water discharge by freshwater and other water in	.4,6	.4,8	•4,7	Megaliters								
	water stressed areas Total volume of freshwater discharge in water stressed areas	-				0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	(≤ 1000 mg/L Total Dissolved Solids) Total volume of other water discharge in water stressed areas	•4,6	-	-	Megaliters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	(> 1000 mg/L Total Dissolved Solids)	•4.6	•4.8	•4,7	Megaliters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
N 303-5	Water consumption												
	Total water consumption (including rain water)	•5	•5	•5	Megaliters Million cubic	135.34	162.01	156.04	167.69	176.65	170.06	162.17	18
	Total water consumption (including rain water)	•5	•5		meters	0.135	0.162	0.156	0.168	0.177	0.170	0.162	
	Total water consumption (excluding rain water)	•5	•5	•5	Megaliters	135.34	162.01	156.04	167.69	173.27	164.05	157.96	17

Indicators	Material Aspects		over	age	Unit	2014	2015	2016	2017	2018	2019	2020	2021		
idicators	Material Aspects	TH	sk	IN	Ollit	2014	2013	2010	2017	2010	2013	2020	2021		
	Total water consumption (excluding rain water)	.5	•5	•5	Million cubic meters	0.135	0.162	0.156	0.168	0.173	0.164	0.158	0.1		
	Total water consumption in water stressed areas	٠.	•5	•5	Megaliters	11.82	11.70	13.83	12.30	13.21	13.29	10.37	135.8		
	Total water consumption in water stressed areas	.5	•5	•5	Million cubic meters	0.012	0.012	0.014	0.012	0.013	0.013	0.010	0.:		
	Change in water storage, if water storage has been	٠.	.5	.5	Megaliters										
	identified as having a significant water-related impact		-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0		
	Total Water consumption Intensity (including rain water)	• '	•5	•5	Megaliters/ MUSD	0.116	0.136	0.129	0.129	0.121	0.124	0.089	0.0		
	Total Water consumption intensity (including rain water)	٠.	•5	•5	m³/MUSD	115.64	135.79	128.83	128.81	120.92	123.87	89.38	7		
	T. (1111)		.5	.5	Megaliters/ MUSD										
	Total Water consumption Intensity (excluding rain water)	.!	_	.5	m³/MUSD	0.116	0.136	0.129	0.129	0.119	0.119	0.087	0.0		
	Total Water consumption intensity (excluding rain water)	•	•-	•	m-/MUSD	115.64	135.79	128.83	128.81	118.60	119.50	87.06	7:		
RI 305-1	Direct (Scope 1) GHG emissions														
	Total Direct (Scope 1) GHG emissions		•	•	Tons CO2e	824.00	488.00	935.09	971.45	932.98	897.08	1,359.72	1,641.		
	THAILAND				Tons CO2e	824.00	488.00	425.09	258.45	248.65	133.72	764.48	802		
	INDIA				Tons CO2e				208.00	210.33	265.36	146.68	32		
	SLOVAKIA				Tons CO2e			509.87	504.88	474.24	498.61	448.56	510		
RI 305-2	Energy indirect (Scope 2) GHG emissions														
	Energy Indirect (Scope 2) GHG emissions	٠.	٠.	٠.	Tons CO2e	37,662.00	39,858.00	42,098.00	43,206.00	42,120.44	40,126.24	42,160.33	53,122		
	THAILAND	-	+	-	Tons CO2e	37,662.00	39,858.00	41,461.00	40,161.00	39,355.96	37,651.01	39,779.41	50.693		
	INDIA		+		Tons CO2e	37,002.00	30,000,00	41,401.00	2,348.00	2,224.48	2,057.23	1,779.91	1,892		
	SLOVAKIA	_	+		Tons CO2e			636.61	678.71	539.64	418.27	601.01	53		
	SEOVARIA		_		10113 0026			030.01	0/8./1	338.04	410.27	001.01	535		
RI 305-3	Other indirect (Scope 3) GHG emissions														
	Other indirect (Scope 3) GHG emissions	•	•	٠	Tons CO2e			36,739.00	33,254.60	65,718.59	56,309.65	95,149.07	103,911.		
	THAILAND				Tons CO2e			28,311.00	18,535.60	46,264.62	40,207.66	81,628.38	81,628		
	INDIA				Tons CO2e				4,454.00	6,675.97	4,733.99	2,046.00	3,637.		
	SLOVAKIA				Tons CO2e			8,428.00	10,265.44	12,778.14	11,367.76	11,474.69	18,646.		
RI 305-4	GHG emissions intensity														
	Total GHG emissions (Scope 1 and Scope 2) intensity	Τ.	٠.		Tons CO2e/MUSD	39.03	40.40	38.43	33.93	29.47	29.88	23.99	23.		
	THAILAND				Tons CO2e/MUSD	39.03	40.40	37.41	31.05	27.11	27.52	22.35	23		
	INDIA		+		Tons CO2e/MUSD	38.03	40.40	37.41	1.96	1.67	1.69	1.06	- (		
	SLOVAKIA		+		Tons CO2e/MUSD			1.02	0.91	0.69	0.67	0.58			
	Total Other indirect (Scope 3) GHG emissions intensity	٠.			Tons CO2e/MUSD			32.81			41.02	52.44	44		
	Total Other Indirect (acope a) and emissions intensity			•	TOTAL COZEMOSO			25.28	25.54 14.24	44.99 31.67	29.29	52.44 44.99	34		
					Torre COOLANIION			20.20	14.24	31.07					
	THAILAND				Tons CO2e/MUSD				0.40	4.57					
	THAILAND INDIA				Tons CO2e/MUSD			7.50	3.42	4.57	3.45	1.13			
	THAILAND							7.53	3.42 7.89	4.57 8.75	3.45 8.28	1.13 6.32			
SRI 305-7	THAILAND INDIA	r signi	ficar	nt ai	Tons CO2e/MUSD Tons CO2e/MUSD			7.53							
iRI 305-7	THAILAND INDIA SLOVAKIA	r signi	ficar	nt ai	Tons CO2e/MUSD Tons CO2e/MUSD		0.0525	7.53					7		
RI 305-7	THAILAND INDIA SLOVAKIA Nitrogen oxides (NOX), sulfur oxides (SOX), and other		·		Tons CO2eMUSD Tons CO2eMUSD r emissions	;	0.0525		7.89	8.75	8.28	6.32	8.98 0.02		
FRI 305-7	THAILAND INDIA SLOVAKIA  Nitrogen oxides (NOX), sulfur oxides (SOX), and othe NO <sub>X</sub> (Slovakia's data was firstly consolidated in 2019)	•	·	٠	Tons CO2eMUSD Tons CO2eMUSD  F emissions Tons/year		0.00	0.00 0.00	7.89 0.1289 0.0294	0.0548 0.0142	5.5249 0.0508	7.7836 0.0641	8.98		
FRI 305-7	THAILAND INDIA SLOVAKIA  Nitrogen oxides (NOX), sulfur oxides (SOX), and othe NO <sub>X</sub> (Slovakia's data was firstly consolidated in 2019) SO <sub>X</sub> (Slovakia's data was firstly consolidated in 2019)	•	•	•	Tons CO2eMUSD Tons CO2eMUSD F emissions Tons/year Tons/year			0.00	7.89 0.1289	8.75 0.0548	8.28 5.5249	6.32 7.7836	8.98 0.02		

ndicators	Metavial Assests			ige	Unit	2014	2015	2016	2017	2018	2019	2020	2021
idicators	Material Aspects	TH	sĸ	IN	Ollit	2014	2013	2010	2017	2010	2013	2020	2021
	Xylene+Toluene intensity	٠	٠	٠	Tons/MUSD		0.0010	0.0009	0.0012	0.0021	0.0009	0.00024	0.000
	Xylene+Toluene	٠	٠	٠	Tons/year		0.9861	0.9414	1.4504	2.9066	1.1933	0.4315	0.77
	Xylene (Slovakia's data was firstly consolidated in 2019)	•	٠	٠	Tons/year		0.6955	0.5514	0.7142	1.1950	0.5621	0.2334	0.37
	Toluene (Siovakia's data was firstly consolidated in 2019)	٠	٠	٠	Tons/year		0.2906	0.3900	0.7361	1.7116	0.6312	0.1981	0.4
	Total Volatile Organic Compounds intensity (t VOCs)	٠	٠	٠	Tons/MUSD						0.0600	0.0156	0.0
	Total Volatile Organic Compounds (t VOCs)	٠	٠	٠	Tons/year		N/A	N/A	N/A	N/A	82.43	28.30	8:
	Total suspended particulate (TSP)	٠	٠	٠	Tons/year		26.96	20.46	22.79	18.81	27.46	34.57	48
RI 306-3	Waste generated (HW - Hazardous waste, NHW - Non-hazardous waste)												
	Total waste generated (HW + NHW)	۰,	•9	٠,	Tons/year			2,987.66	3,170.62	3,391.59	3,152.78	4,110.58	4,22
	Total waste generated intensity (HW + NHW)	•9	•9	•9	Tons/MUSD			2.467	2.435	2.322	2.296	2.266	1.
	Diversion rate (Waste diverted divided by the total amount of waste)	•9	•9	•9	%			92.73%	93.66%	94.25%	94.75%	98.60%	95.
iRI306-3 (HW)	Total Hazardous waste	•9	٠,	•9	Tons/year			18.82	19.39	35.63	40.21	50.29	3
	Hazardous waste intensity	•9	• 9	•9	Tons/MUSD			0.016	0.015	0.024	0.029	0.028	0
RI306-4 (HW)	Waste diverted from disposal	•9	•9	•9	Tons/year			18.82	19.39	35.63	27.39	35.10	1
	- Preparation for reuse	•9		•9	Tons/year			0.12	0.16	0.18	0.16	0.00	
	- Recycling	٠,	•9	٠,	Tons/year			18.70	19.23	35.45	27.23	31.17	14
	Other recovery operations (Heat recovery)	•9	•9	•9	Tons/year			0.00	0.00	0.00	0.00	3.93	
RI306-5 (HW)	Waste directed to disposal	٠,		٠,	Tons/year			0.00	0.00	0.00	12.82	15.20	2
	- Incineration (with energy recovery)	٠,	۰9	•9	Tons/year			0.00	0.00	0.00	10.65	0.00	
	- Incineration (without energy recovery	•9	•9	•9	Tons/year			0.00	0.00	0.00	0.00	0.00	
	- Landfilling (secure landfill of stabilized and/or solidified wastes)	•9	۰,	•9	Tons/year			0.00	0.00	0.00	0.00	15.20	1
	- Other disposal operations (Demulsification)	۰,	۰°	٠,	Tons/year			0.00	0.00	0.00	2.17	0.00	
iRI306-3 (NHV	Total Non-hazardous waste	۰,	۰°	٠,	Tons/year			2,968.84	3,151.23	3,355.96	3,112.57	4,060.29	4,18
	Non-hazardous waste intensity				Tons/MUSD			2.451	2.421	2.297	2.267	2.238	1.
RI306-4 (NHW)	Waste diverted from disposal	٠,			Tons/year			2,751.71	2,950.36	3,161.07	2,959.76	4,017.76	4,02
	- Preparation for reuse	•9	•9	•9	Tons/year			255.26	286.50	318.92	342.97	31.50	49
	- Recycling	•9	•9	•9	Tons/year			2,494.45	2,661.46	2,839.05	2,610.60	3,975.74	352
	- Other recovery operations	•9	•9	•9	Tons/year			2.00	2.40	3.10	6.20	10.52	
RI306-5 (NHW)	Waste directed to disposal	•9	۰9	•9	Tons/year			217.13	200.87	194.89	152.81	42.53	16
	Incineration (with energy recovery)	•9	٠,	٠,	Tons/year			5.73	4.51	5.59	9.11	0.00	:
	Incineration (without energy recovery	•9	۰9	•9	Tons/year			0.00	0.00	0.00	0.00	0.00	
	Landfilling	•9	_	•9	Tons/year			211.40	196.36	189.30	143.70	42.53	14
	Other disposal operations	.9	۰,9	.9	Tons/year			0.00	0.00	0.00	0.00	0.00	

Note:	From 2015-2020, the reporting of environmental performance was re-calculated to expand reporting scope covers DET's subsidiaries (India and Slovakia) for the full coverage of manufacturing (100 percentage coverage of manufacturing sites or 98% of consolidated sales revenue). The scope of 2015-2020 reporting were re-stated as follows:
1	- Reduction of energy consumption is covered on the sites in Thailand only.
2	-The numerical data of water withdrawal by source (GRI 303-3) and subtopics were re-calculated covering Delta's subsidiaries data according to GRI 303: water and effluents version 2018.
3	- The insufficient Total Dissolved Solids (TDS) data of raw water in 2014-2016, the total third-party water withdrawn (GRI 303-3) was re-calculated from 2017-2020.  -The volume of wastewater is assumed to be 80% of Municipal water and transfered to Third-party who provide wastewater treatment services (IEAT: Industrial Estate Authority of Thailand). The numerical data of water discharge (GRI303-4) and subtopics were re-calculated according to GRI 303: water and effluents version 2018 since 2014-2020 to indicate the exact the total volume of discharged water to third-party.
5 6	-The volume of water consumption (GRI: 303-5) was were re-calculated covering Delta's subsidiaries data according to GRI 303: water and effluents version 2018.  - Thailand sites , apart from water quality checking by Industrial Estate Authority of Thailand (IEAT) , the discharged water is also examined heavy metals concentration annually by Third Party Specialist (Environmental Resource Development Co., Ltd.) to ensure and re-check the safety and quality of water before transfer to IEAT for treatment. (The average results of water parameter for heavy metals from 2017- 2020 was demonstrated in Delta Thailand's Sustainability in Numbers 2020 page 8)
7	- India's sites applies the zero water discharge process by installation their own Sewage Treatment Plants (STP) is to reduce wastewater economically. The discharge water is annually checked the water quality by Third-party (Eko Pro Engineers Pvt. Ltd. and Devansh Testing & Research Laboratory Pvt. Ltd.) accroding to EPA-1986 Schedule-VI Part-A, General Standards for Discharge of Effluents and recycled for domestic use (please see more detail in Delta Electronics (Thailand) Public Company Ltd. 's Sustainable Development Report 2021 page 67-70 ) and examine heavy metals concentration in water after treated. (The average results of water parameter for heavy metals from 2017- 2020 was demonstrated in Delta Thailand's Sustainability in Numbers 2020 page 8)
8	-Slovakia's sewage water is transferred to the public sewerage system to be treated by third-party who provide wastewater treatment services for the local district. http://www.povs.sk/zakaznickazona/verejne-kanalizacie-a-kanalizacna-pripojka/.Thus the water quality indicators, Slovakia's site reports the highest permissible rate of wastewater discharged into public sewerage according to Slovakia's local water quality standard.
9	-The numerical data of Waste (GRI:306) and subtopics were re-calculated and re-arranged 2016-2020 according to GRI 306: waste version 2020.

-The waste data (GRI: 306-3, 306-4 and 306-5 version 2020) in 2020 was disclosed in Delta Thailand's Sustainability in Numbers 2020 page 9.

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