


2021

## ESG SUMMARY DATA



**MOMENTIVE**<sup>®</sup>  
SOLUTIONS FOR A SUSTAINABLE WORLD<sup>™</sup>

[2020 - 2021 Sustainability Report](#)  
[2019 Sustainability Report](#)  
[ESG Commitment](#)  
[CDP Disclosures](#)



# 2021 ESG SUMMARY DATA


GENERAL				
TOPIC	METRIC	2019	2020	2021
COMPANY	Total Employees	4,600	5,100*	5,000*
	NetSales(millions)	2,300	2,300	2,680
	Number of manufacturing sites	17	17	15

\*Includes KCC-Silicones.





# 2021 ESG SUMMARY DATA

ENVIRONMENTAL				
TOPIC	METRIC	2019	2020	2021
GENERAL ENVIRONMENT	ISO 14001 Certified Sites - # (%)	50%	50%	50%
	Environmental Management Policy	<a href="#">Safety and Sustainability Policy</a>		
EMISSIONS AND CLIMATE CHANGE	Scope 1 (Direct CO2) GHG Emissions (metric tons)	244,827	249,001	237,448
	Scope 2 (Indirect CO2) GHG Emissions (metric tons)	170,328	166,438	166,749
	Total CO2 Emissions, Scope 1 & 2 (metric tons)	415,156	415,439	404,197
	Scope 3 Emissions from Business Travel	1405	-	615
	Environmental Goals	 <b>Planet</b> <b>Reducing our impact through operational excellence in our sites and supply chain</b> Reducing greenhouse gas, energy & waste by <b>25%</b> . Obtaining <b>50%</b> of electricity from renewables. Reducing water consumption by <b>10%</b> . Achieving a <b>Platinum EcoVadis</b> supply chain score by 2025.  <small>*2025 Sustainability goals are using 2019 as the baseline year</small>		
	SOx Emissions (tons), US data	2126	2084	2042
	NOx Emissions (tons), US data	270000	271599	261233
	Sustainability Policies	<a href="#">Momentive's Sustainability Policies and Expectations</a>		
	CDP Climate Change Disclosure	<a href="#">Momentive CDP Responses</a>		
	CDP Climate Change Score	B-	B	C



# 2021 ESG SUMMARY DATA



ENVIRONMENTAL				
TOPIC	METRIC	2019	2020	2021
ENERGY	Total Direct Energy Consumption (Scope 1) (Million Gigajoules)	4.34	4.42	4.21
	Total Indirect Energy Consumption (Scope 2) (Million Gigajoules)	1.64	1.6	1.56
	Total Energy Consumption (Million Gigajoules)	5.98	6.02	5.77
	Total Direct Energy Intensity (Scope 1) (Gigajoules/metric tons produced)	4.87	5.05	4.55
	Total Indirect Energy Intensity (Scope 2) (Gigajoules/metric tons produced)	1.84	1.83	1.73
	Total Energy Intensity (gigajoules/metric tons produced)	6.71	6.88	6.28
RENEWABLE ENERGY	Renewable Electricity (Million Gigajoules)	221	216	218
	Renewable Electricity Percent of Total Electricity	17%	17%	18%
	Renewable Energy Goal	50% electricity from renewable sources by 2025		
WATER	Water Withdrawn (thousand m3)	32,000	28,500	32,300
	Water Intensity (m3/metric ton production)	0.036	0.033	0.036
	Water sourced from regions with high or extremely high baseline water stress (thousand m3)	173	164	201
	CDP Water Disclosure	CDP Water Response		
	CDP Water Score	B-	B	B-
WASTE	Waste Generated (metric tonn)	104,000	96,000	91,500
	Waste Intensity (kg waste/kg production)	0.12	0.11	0.10
	Waste Reduction Goal	25% reduction in waste by 2025 (2019 baseline)		



# 2021 ESG SUMMARY DATA

SOCIAL				
TOPIC	METRIC	2019	2020	2021
WORKFORCE	Women in Workforce	17.9%	18%	18.4%
	Women in Management	16.70%	17.60%	17.90%
TOPIC	METRIC	2019	2020	2021
OCCUPATIONAL HEALTH AND SAFETY	Occupational Injury and Illness rate <sup>1</sup>	0.67	0.55	0.47
	No. significant occupational safety incidents <sup>2</sup>	1	0	1
	No. fire, process safety or env. incidents <sup>3</sup>	16	14	8
	Accident frequency rate <sup>4</sup>	0.67	0.55	0.47
	Accident severity rate <sup>5</sup>	0.3	0.27	0.18
	Sites covered by employee health & safety risk assessment <sup>6</sup>	100%	100%	100%
	ISO 45001/OHSAS 18001 certified manufacturing sites <sup>7</sup>	16%	16%	16%
	Health and Safety Policy	<a href="#">Global environmental, Health, and Safety Policy</a>		
HUMAN RIGHTS	Human Rights Policy	<a href="#">Employee Code of Conduct</a>		
		<a href="#">Human Trafficking Statement</a>		



# 2021 ESG SUMMARY DATA

PRODUCT		2019	2020	2021
TOPIC	METRIC			
SUSTAINABLE INNOVATION	R&D expenses (R&D cost to sales)	2.70%	2.90%	2.90%
	Sustainability improved new product sales	-	~50%	79%
SUPPLY CHAIN	Supplier Guidelines/Code of Conduct	<a href="#">Supplier Guidelines/Code of Conduct</a>		
	Training rate of commodity managers on sustainable procurement	-	-	100%
	New contracts with targeted suppliers include references to our Supplier Code of Conduct	-	-	100%
	Assessment of targeted suppliers for ESG risks	-	-	30%
GOVERNANCE				
ETHICS	Business Ethics Policy	<a href="#">Code of Conduct</a>		
BOARD OF DIRECTORS	Size of the Board	7	7	7
GOVERNANCE	Total Executives	11	11	11
	Female Executives - # (%)	2	2	2
	Sustainability Disclosures Independently Verified/Assured	Yes	Yes	Yes
	UN Global Compact Signatory			Yes



- 1 – Safety - Standard OSHA rate definition for legacy Momentive sites worldwide. Legacy Momentive sites do not include Legacy KCC.  
 2 – Safety - Significant incidents as defined in MS15 – Incident Management Standard for legacy Momentive sites worldwide (i.e., fatality or amputation)  
 3 – Safety - Total of Major incidents as defined in MS15 – Incident Management Standard for legacy Momentive sites worldwide  
 4 – Safety - Standard OSHA rate definition for legacy Momentive sites worldwide  
 5 – Safety - Industry standard Day Away from Work rate for legacy Momentive sites worldwide  
 6 – Safety - Legacy Momentive Manufacturing sites as defined in MS-SAF01 – Safety Risk Assessment Standard worldwide  
 7 – Safety - % of Legacy Momentive Manufacturing sites certified to ISO 45001/OSHA 18001 worldwide

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