

## GRI content index

Our 2019 Integrated Reports follow the GRI Sustainability Reporting Standards issued by the Global Reporting Initiative (GRI). This supplement provides details of our compliance with these GRI standards.

For our 2019 Integrated Reports, we follow the GRI Sustainability Reporting Standards in accordance with the 'core' option. This means that we need to comply with several General Disclosures. Furthermore, we need to comply with at least one topic-specific Standard Disclosure per material theme. For more information about the GRI Sustainability Reporting Standards, refer to the GRI website at [www.globalreporting.org](http://www.globalreporting.org).

For assurance purposes, GRI compliance has been assessed as part of the external audit procedures for the Integrated Reports (IR). See the 'Assurance Report of the Independent Auditor' in the 2019 Integrated Report based on US GAAP on page 185 and the 'Assurance Report of the Independent Auditor' in the 2019 Integrated Report based on IFRS on page 207.

GRI Standard	Disclosure	Reference	Page # in IR based on US GAAP (if applicable)	Page # in IR based on IFRS (if applicable)	
<b>Organizational profile</b>					
<b>GRI 102: General Disclosures 2016</b>	102-1	Name of the organization	Cover page		
			Who we are and what we do - Our company	10	10
	102-2	Activities, brands, products, and services	Who we are and what we do - Our products and services	13	13
	102-3	Location of headquarters	Other appendices - Appendix - ASML worldwide contact information	220	234
	102-4	Location of operations	Who we are and what we do - Our company	10	10
			Leadership and governance - Corporate governance - Other information on governance	128	128
			Exhibit index - Exhibit 8.1 - List of main subsidiaries (IR based on US GAAP)	232	
			Consolidated Financial Statements - Notes to the Consolidated Financial Statements - Note 27 Subsidiaries and Associates (IR based on IFRS)		189
	102-5	Ownership and legal form	Leadership and governance - Corporate governance	122	122
	102-6	Markets served	Who we are and what we do - Our markets	15	15
			Consolidated Financial Statements - Notes to the Consolidated Financial Statements - Note 3 Segment disclosure	146	146
	102-7	Scale of the organization	What we achieved in 2019 - Our people - Employee engagement	34	34
			CFO financial review - Financial performance	63	63
			Non-financial statements - Non-financial indicators - Our people	190	212
			Consolidated Financial Statements - Consolidated Statements of Operations (IR based on US GAAP)	136	
Consolidated Financial Statements - Consolidated Statement of Profit or Loss (IR based on IFRS)				136	
102-8	Information on employees and other workers	Non-financial statements - Non-financial indicators - Our people	190		
102-9	Supply chain	What we achieved in 2019 - Our supply chain - Our supply chain	44	44	
		What we achieved in 2019 - Our supply chain - Responsible supply chain	45	45	
		Non-financial statements - Non-financial indicators - Our supply chain	190	218	

GRI Standard	Disclosure	Reference	Page # in IR based on US GAAP (if applicable)	Page # in IR based on IFRS (if applicable)
102-10	Significant changes to the organization and its supply chain	Who we are and what we do - Our company	10	10
		Non-financial statements - About the non-financial information - Reporting scope	187	209
		Non-financial statements - Non-financial indicators - Our supply chain	190	219
102-11	Precautionary Principle or approach	How we manage risk - Business risk and continuity	75	75
102-12	External initiatives	What we achieved in 2019 - Materiality: assessing our impact	22	22
		What we achieved in 2019 - Technology and innovation ecosystem - Investments in R&D partners	27	27
		What we achieved in 2019 - Technology and innovation ecosystem - Product safety	27	27
		What we achieved in 2019 - Our people - Labor relations	37	37
		What we achieved in 2019 - Our supply chain - Responsible supply chain	45	45
		How we manage risk - Business ethics and compliance - Business ethics	85	85
102-13	Membership of associations	What we achieved in 2019 - Technology and innovation ecosystem - Supporting startups and scaleups	28	28
		What we achieved in 2019 - Our supply chain - Responsible supply chain	45	45
		How we manage risk - Business ethics and compliance - Business ethics	85	85
		Non-financial statements - Stakeholder engagement	201	223
<b>Strategy</b>				
102-14	Statement from senior decision-maker	2019 at a glance - Interview with our CEO	6	6
<b>Ethics and integrity</b>				
102-16	Values, principles, standards, and norms of behavior	How we manage risk - Business ethics and compliance - Business ethics	85	85
<b>Governance</b>				
102-18	Governance structure	What we achieved in 2019 - Materiality: assessing our impact - Results of our materiality assessment	22	22
		How we manage risk - Business risk and continuity	75	75
		Leadership and governance - Corporate governance	122	122
<b>Stakeholder engagement</b>				
102-40	List of stakeholder groups	What we achieved in 2019 - Materiality: assessing our impact	22	22
		Non-financial statements - Stakeholder engagement	201	223
102-41	Collective bargaining agreements	Non-financial statements - Non-financial indicators - Our people	190	212
102-42	Identifying and selecting stakeholders	What we achieved in 2019 - Materiality: assessing our impact	22	22
		Non-financial statements - Stakeholder engagement	201	223
102-43	Approach to stakeholder engagement	What we achieved in 2019 - Materiality: assessing our impact	22	22
		Non-financial statements - Stakeholder engagement	201	223
102-44	Key topics and concerns raised	Non-financial statements - Stakeholder engagement	201	223

GRI Standard	Disclosure	Reference	Page # in IR based on US GAAP (if applicable)	Page # in IR based on IFRS (if applicable)
<b>Reporting practice</b>				
102-45	Entities included in the consolidated financial statements	Exhibit index - Exhibit 8.1 - List of main subsidiaries (IR based on US GAAP) Consolidated Financial Statements - Notes to the Consolidated Financial Statements - Note 27 Subsidiaries and Associates (IR based on IFRS)	231	189
102-46	Defining report content and topic Boundaries	What we achieved in 2019 - Materiality: assessing our impact Non-Financial Statements - About the Non-financial information	22 187	22 209
102-47	List of material topics	What we achieved in 2019 - Materiality: assessing our impact	22	22
102-48	Restatements of information	Non-financial statements - About the non-financial information	187	209
102-49	Changes in reporting	What we achieved in 2019 - Materiality: assessing our impact Non-financial statements - About the non-financial information	22 187	22 209
102-50	Reporting cycle	Non-financial statements - About the non-financial information	187	209
102-51	Date of most recent report	Non-financial statements - About the non-financial information	187	209
102-52	Reporting cycle	Non-financial statements - About the non-financial information	187	209
102-53	Contact point for questions regarding the report	Other appendices - Appendix - ASML worldwide contact information	220	234
102-54	Claims of reporting in accordance with the GRI Standards	Non-financial statements - About the non-financial information	187	209
102-55	GRI content index	This document		
102-56	External assurance	Non-financial statements - Assurance Report of the Independent Auditor	185	207

GRI Standard	Disclosure	Reference	Page # in IR US GAAP	Page # in IR IFRS	Omission
<b>MATERIAL THEMES</b>					
<b>People</b>					
<b>GRI 103: Management Approach 2016</b>	103-1	Explanation of the material topic and its Boundary	What we achieved in 2019 - Materiality: assessing our impact - How we manage sustainability	22	22
			What we achieved in 2019 - Our people - Employee engagement	34	34
			What we achieved in 2019 - Our people - Strong employer brand	36	36
			What we achieved in 2019 - Our people - Promoting diversity and inclusion	36	36
	103-2	The management approach and its components	What we achieved in 2019 - Materiality: assessing our impact - Results of our materiality assessment	22	22
			What we achieved in 2019 - Our people - Employee engagement	34	34
			What we achieved in 2019 - Our people - Strong employer brand	36	36
			What we achieved in 2019 - Our people - Promoting diversity and inclusion	36	36
			What we achieved in 2019 - Our people - Our people KPIs	41	41
103-3	Evaluation of the management approach	What we achieved in 2019 - Materiality: assessing our impact - Results of our materiality assessment	22	22	
<b>GRI 401: Employment 2016</b>	401-1	New employee hires and employee turnover	Non-financial statements - Non-financial indicators - Our people	190	212
<b>GRI 404: Training and Education 2016</b>	404-1	Average hours of training per year per employee	Non-financial statements - Non-financial indicators - Our people	190	212
<b>GRI 405: Diversity and Equal Opportunity 2016</b>	405-1	Diversity of governance bodies and employees	Non-financial statements - Non-financial indicators - Our people	190	212
<b>Circular economy</b>					
<b>GRI 103: Management Approach 2016</b>	103-1	Explanation of the material topic and its Boundary	What we achieved in 2019 - Materiality: assessing our impact - How we manage sustainability	22	22
			What we achieved in 2019 - Our operations - Circular economy	50	50
	103-2	The management approach and its components	What we achieved in 2019 - Materiality: assessing our impact - Results of our materiality assessment	22	22
			What we achieved in 2019 - Our operations - Reduce waste	50	50
			What we achieved in 2019 - Our operations - Reuse of parts and materials	52	52
			What we achieved in 2019 - Our operations - Lifetime extension of mature products	52	52
			What we achieved in 2019 - Our operations - Circular economy KPIs	54	54
	103-3	Evaluation of the management approach	What we achieved in 2019 - Materiality: assessing our impact - Results of our materiality assessment	22	22
	<b>GRI 306: Effluents and Waste</b>	306-2	Waste by type and disposal method	Non-financial statements - Non-financial indicators - Our operations - Circular economy	190

GRI Standard	Disclosure	Reference	Page # in IR US GAAP	Page # in IR IFRS	Omission
<b>MATERIAL THEMES</b>					
<b>Climate and energy</b>					
<b>GRI 103: Management Approach 2016</b>	103-1	Explanation of the material topic and its Boundary	What we achieved in 2019 - Materiality: assessing our impact - How we manage sustainability	22	22
			What we achieved in 2019 - Our operations - Climate & energy	55	55
	103-2	The management approach and its components	What we achieved in 2019 - Materiality: assessing our impact - Results of our materiality assessment	22	22
			What we achieved in 2019 - Our operations - Climate & energy	55	55
			What we achieved in 2019 - Our operations - CO2 emissions	58	58
			What we achieved in 2019 - Our operations - Climate and energy KPIs	60	60
103-3	Evaluation of the management approach	What we achieved in 2019 - Materiality: assessing our impact - Results of our materiality assessment	22	22	
<b>GRI 302: Energy 2016</b>	302-1	Energy consumption within the organization	Non-financial statements - Non-financial indicators - Our operations - Climate and Energy	190	220
	302-4	Reduction energy consumption	What we achieved in 2019 - Our operations - Climate and energy KPIs	60	60
<b>GRI 305: Emissions 2016</b>	305-1	Direct (Scope 1) GHG emissions	What we achieved in 2019 - Our operations - Climate and energy KPIs	60	60
	305-2	Energy indirect (Scope 2) GHG emissions	What we achieved in 2019 - Our operations - Climate and energy KPIs	60	60
	305-4	GHG emissions intensity	Non-financial statements - Non-financial indicators - Our operations - Climate and Energy	190	220
<b>Responsible Supply Chain</b>					
<b>GRI 103: Management Approach 2016</b>	103-1	Explanation of the material topic and its Boundary	What we achieved in 2019 - Materiality: assessing our impact - How we manage sustainability	22	22
			What we achieved in 2019 - Our supply chain - Responsible supply chain	45	45
	103-2	The management approach and its components	What we achieved in 2019 - Materiality: assessing our impact - Results of our materiality assessment	22	22
			What we achieved in 2019 - Our supply chain - Responsible supply chain	45	45
			What we achieved in 2019 - Our supply chain - Our supply chain KPIs	47	47
	103-3	Evaluation of the management approach	What we achieved in 2019 - Materiality: assessing our impact - Results of our materiality assessment	22	22
<b>GRI 204: Procurement Practices</b>	204-1	Proportion of spending on local suppliers	Non-financial statements - Non-financial indicators - Our supply chain	190	218
<b>GRI 308: Supplier Environmental Assessment</b>	308-2	Negative environmental impacts in the supply chain and actions taken	Non-financial statements - Non-financial indicators - Our supply chain	190	218
<b>GRI 414: Supplier Social Assessment</b>	414-2	Negative social impacts in the supply chain and actions taken	Non-financial statements - Non-financial indicators - Our supply chain	190	218

GRI Standard	Disclosure	Reference	Page # in IR US GAAP	Page # in IR IFRS	Omission	
<b>MATERIAL THEMES</b>						
<b>Innovation ecosystem</b>						
<b>GRI 103: Management Approach 2016</b>	103-1	Explanation of the material topic and its Boundary	What we achieved in 2019 - Materiality: assessing our impact - How we manage sustainability	22	22	
			What we achieved in 2019 - Technology and innovation ecosystem - Investments in R&D partners	27	27	
			What we achieved in 2019 - Technology and innovation ecosystem - Supporting startups and scaleups	28	28	
	103-2	The management approach and its components	What we achieved in 2019 - Materiality: assessing our impact - Results of our materiality assessment	22	22	
			What we achieved in 2019 - Technology and innovation ecosystem - Investments in R&D partners	27	27	
			What we achieved in 2019 - Technology and innovation ecosystem - Supporting startups and scaleups	28	28	
			What we achieved in 2019 - Technology and innovation ecosystem - Technology and innovation ecosystem KPIs	30	30	
	103-3	Evaluation of the management approach	What we achieved in 2019 - Materiality: assessing our impact - Results of our materiality assessment	22	22	
	<b>Own indicators</b>	Own indicator	Investment in R&D partners (in billion €)	What we achieved in 2019 - Technology and innovation ecosystem - Technology and innovation ecosystem KPIs	30	30
Number of R&D partner agencies			What we achieved in 2019 - Technology and innovation ecosystem - Technology and innovation ecosystem KPIs	30	30	
Startups reached Star level from total startups supported (in %)			What we achieved in 2019 - Technology and innovation ecosystem - Technology and innovation ecosystem KPIs	30	30	
Number of scale up companies supported (in #)			What we achieved in 2019 - Technology and innovation ecosystem - Technology and innovation ecosystem KPIs	30	30	