

Statement on principal adverse impacts of investment decisions on sustainability factors

Table 1

Financial market participant Mandatum Fund Management S.A. Luxembourg (LEI 5493002HIZQQVP6JNL03)

Summary

Mandatum Fund Management S.A. Luxembourg (LEI 5493002HIZQQVP6JNL03) considers principal adverse impacts ("PAI") of its investment decisions on sustainability factors in accordance with Article 4(1) of the Sustainable Finance Disclosure Regulation (EU) 2019/2088 ("SFDR"). This statement on principal adverse impacts on sustainability factors covers the reference period from 1 January to 31 December 2024 and is reviewed annually by 30 June. The present statement is the first statement on principal adverse impacts on sustainability factors of Mandatum Fund Management S.A. Luxembourg.

For the previous reporting period, Mandatum Asset Management Ltd, ("MAM") and its subsidiaries Mandatum AM AIFM Ltd ("MAM AIFM") and Mandatum Fund Management S.A., and MAM's sister company Mandatum Life Insurance Company ("Mandatum Life"), (hereinafter the parent entity Mandatum plc and its subsidiaries together referred to as "Mandatum") published a consolidated statement on principal adverse impacts on sustainability factors. Majority of the assets of the afore mentioned companies are managed by MAM. The historical comparison to the previous reporting period is not feasible due to a change in reporting scope. In the previous reporting period, MAM, as the asset manager for Mandatum AM AIFM Ltd, Mandatum Fund Management S.A., and Mandatum Life, released a single principal adverse impact statement covering all investment decisions made by these four entities. For this reporting period, a separate statement has been issued for each of the four companies.

At Mandatum, PAIs are taken into account in alignment with the Responsible Investment Policy, which is reviewed and approved by relevant Mandatum Group companies' boards of directors annually. According to the Responsible Investment Policy, Mandatum aims to consider and mitigate the principal adverse impacts of its investment decisions to the environment, climate, society, employees, respect for human rights, and anti-corruption and anti-bribery ("sustainability factors"). This means that Mandatum has incorporated sustainability into its investment operations, and its investment decisions take into account not only financial aspects, but also sustainability factors, as well as the related risks. The Responsible Investment Policy also describes Mandatum's commitments to responsible investment, incorporation of a sustainability analysis into the investment processes, exclusion policies, and engagement activities.

In addition, MAM's Engagement Principles are applied to Mandatum's investments. When investing in equities of exchange-listed companies in the European Economic Area, active engagement is conducted by participating and voting in general meetings, collaborative engagement and by contacts with the management of investee companies. Similar engagement activites can also be applied when investing in unlisted companies, investment funds, and in debt capital instruments, if applicable.

Mandatum considers nine (9) mandatory "climate and other environment-related" indicators and five (5) mandatory indicators for "social and employee, respect for human rights, anti-corruption and anti-bribery matters" applicable to its investments in investee companies. In relation to investee companies, Mandatum considers also one (1) additional "climate and other environment-related" indicator and one (1) additional indicator for "social and employee,



respect for human rights, anti-corruption and anti-bribery matters". In addition, Mandatum considers two (2) mandatory indicators applicable to investments in sovereigns and supranationals and two (2) mandatory indicators applicable to investments in real estate assets.

Mandatum considers PAIs by monitoring and measuring PAIs as well as taking actions in relation thereto. The consideration is subject to data availability and quality, which Mandatum continuously aims to improve.

Mandatum's approach to identifying and prioritization of PAIs, as well as Mandatum's engagement policies, reference to international standards, and the availability of the historical comparison are addressed at the end of the table.

Description of the principal adverse impacts on sustainability factors

Mandatum considers nine (9) mandatory climate and other environment-related indicators and five (5) mandatory indicators for social and employee, respect for human rights, anti-corruption and anti-bribery matters applicable to investments in investee companies as well as two (2) mandatory indicators applicable to investments in sovereigns and supranationals and two (2) mandatory indicators applicable to investments in real estate assets as set out in Table 1.

In relation to investee companies, Mandatum considers also one (1) additional climate and other environment-related indicator as set out in Table 2 and one (1) additional indicator for social and employee, respect for human rights, anti-corruption and anti-bribery matters as set out in Table 3.



		Indic	ators applicabl	e to investment	s in investee companies	
	ustainability icator	Metric	Impact 2024	Impact 2023	Explanation ¹	Actions taken, and actions planned and targets set for the next reference period
					NT-RELATED INDICATOR	
Greenhouse gas emissions	1. GHG emissions	Scope 1 GHG emissions	67 569.67 tCO2e	N/A	Scope 1, Scope 2, Scope 3 and total GHG emissions on	In 2024, Mandatum committed to achieving net zero emissions from its
		Scope 2 GHG emissions	21 990.71 tCO2e	N/A	this statement have been calculated according to the definition (1) in the Annex I	investments by 2050 by joining the Net Zero Asset Managers (NZAM) in- itiative, a global coalition of asset
		Scope 3 GHG emissions	937 873.92 tCO2e	N/A	to the Commission Delegated Regulation (EU) 2022/1288 ("SFDR RTS")	managers promoting sustainable investment and addressing climate change.
		Total GHG emissions	1 027 434.30 tCO2e	N/A	and in accordance with the formula (1) set out in the said Annex. To take into account variation in Mandatum's positions, Scope 1, Scope 2 and Scope 3 emissions are calculated quarterly, with the annual	Mandatum will continue to report the GHG emissions of its selected direct equity and fixed income investment products and work to reduce the GHG intensity of its investments over time. The GHG emissions of selected in-
					quarterly, with the annual value derived from the average of the four quarters as recommended in the	vestment products are determined annually and are monitored separately

¹The historical comparison to the previous reporting period is not feasible due to a change in reporting scope. In the previous reporting period, MAM, as the asset manager for Mandatum AM AIFM Ltd, Mandatum Fund Management S.A., and Mandatum Life, released a single principal adverse impact statement covering all investment decisions made by these four entities. For this reporting period, a separate statement has been issued for each of the four companies.



			C1::C::	f :
			Clarifications on the ESAs'	for investment baskets or funds and
			draft RTS under SFDR	other applicable assets.
			dated on 2 June 2022. Total	
			annual GHG emissions is	By 2030, Mandatum aims to phase out
			the sum of quarterly Scope	investments in companies generating
			1, Scope 3, and Scope 3	over 5% of their revenue from coal.
			averages.	
			C	By 2040, Mandatum plans to phase
			The selected indicator was	out investments in companies generat-
			derived from data provided	ing over 5% of their revenue from oil.
			by two different third-party	ing over 570 of their revenue from on.
			•	Mandatum will continue to angage
			data providers.	Mandatum will continue to engage
				with its service providers to ensure
			The data providers for	data quality and reliability.
			Scope 1, Scope 2, and	
			Scope 3 calculations	
			combine data that consists	
			of estimates together with	
			companies' directly	
			disclosed figures.	
			C	
			Data coverages for Scope 1,	
			Scope 2, and Scope 3	
			emission calculations are	
			97.63 %, 97.63%, and	
			97.63%, respectively.	
			37.03%, respectively.	
			Mandatum aims to analyse	
			Mandatum aims to analyse	
			the difference between	
			comparable reporting	
			periods in Mandatum Fund	
			Management S.A.'s next	
			statement which is due by	
			30 June 2026.	
	•	•		



2. Carbon	Carbon	458.89	N/A	The carbon footprint on this	
footprint	footprint	tCO2e per		statement has been calcu-	
_	_	million EUR		lated according to the defi-	
		invested		nition (1) in the Annex I to	
				the SFDR RTS and in ac-	
				cordance with the formula	
				(2) set out in the said An-	
				nex. To take into account	
				variation in Mandatum's	
				positions, carbon footprint is	
				calculated quarterly, with	
				the annual value derived	
				from the average of the four	
				quarters as recommended in	
				the Clarifications on the	
				ESAs' draft RTS under	
				SFDR dated on 2 June 2022.	
				The data sources and cover-	
				age described for GHG	
				emissions also apply to the	
				calculation of carbon foot-	
				print.	
				Mandatum aims to analyse	
				the difference between	
				comparable reporting	
				periods in Mandatum Fund	
				Management S.A.'s next	
				statement which is due by	
				30 June 2026.	
3. GHG	GHG intensity	1 220.21	N/A	GHG intensity of investee	
intensity of	of investee	tCO2e per		companies on this statement	
	companies				



investee	million EUR	has been calculated accord-	
companies	of revenue	ing to the definition (1) in	
		Annex I to the SFDR RTS	
		and in accordance with the	
		formula (3) set out in the	
		said Annex. To take into	
		account variation in	
		Mandatum's positions,	
		GHG intensity is calculated	
		quarterly, with the annual	
		value derived from the	
		average of the four quarters	
		as recommended in the	
		Clarifications on the ESAs'	
		draft RTS under SFDR	
		dated on 2 June 2022.	
		The selected indicator was	
		derived from data provided	
		by two different third-party	
		data providers.	
		The data coverage for the	
		selected indicator was	
		97.27% of the total current	
		value of all applicable in-	
		vestments.	
		Mandatum aims to analyse	
		the difference between	
		comparable reporting	
		periods in Mandatum Fund	
		Management S.A.'s next	



				statement which is due by 30 June 2026.	
4. Exposure to companies active in the fossil fuel sector	Share of investments in companies active in the fossil fuel sector	2,07%	N/A	The share of investments in companies active in the fossil fuel sector on this statement has been calculated according to the definition (5) in the Annex I to the SFDR RTS.	Mandatum monitored its direct equity and fixed income investments' exposure to the fossil fuel sector. New investments in the fossil fuel sector were made with prudence and consideration and portfolio exposures were monitored closely.
				The share of investments was calculated by dividing the total current value of investments where the selected indicator (company is active in the fossil fuel sector) is present with the total current value of all applicable investments in the investee company asset category. To take into account variation in Mandatum's positions, the selected indicator is calculated quarterly, with the annual value derived from the average of the four quarters as recommended in the Clarifications on the ESAs' draft RTS under SFDR dated on 2 June 2022.	In relation to direct fixed income and equity products disclosing under art. 8/9, Mandatum did not make new investments in companies that derive over 5% of revenue from mining of coal or whose share of revenue from coal mining subcontracting or distribution of coal exceeds 40%, and in addition, Mandatum did not make new investments in companies whose share of revenues from coal-based energy production exceeds 40% unless the company had a clear strategy to transition to a more sustainable business model. Further, in relation to direct fixed income and equity products disclosing under art. 8/9, Mandatum did not make new investments in companies that derive more than 45% of revenue from exploration, extraction, production or refining and processing of fossil oil or the



				The colored indicator	and dustion of food! all board
				The selected indicator was	production of fossil oil-based energy,
				derived from data provided	unless the company had a clear
				by a third-party data pro-	strategy to transition to a more
				vider.	sustainable business model.
					T
				The data coverage for the	Investments in transitioning
				selected indicator was	companies in the coal and oil sector
				96.35% of the total current	are not allowed for products
				value of all applicable in-	disclosing under art. 9.
				vestments.	
					Mandatum's goal is to phase out coal
				Mandatum aims to analyse	(i.e. companies that derive more than
				the difference between	5% of their revenue from coal) from
				comparable reporting	its direct equity and fixed income in-
				periods in Mandatum Fund	vestment portfolio by 2030 and oil
				Management S.A.'s next	(i.e. companies that derive more than
				statement which is due by	5% of their revenue from oil) by 2040.
				30 June 2026.	
5. Share of	Share of non-	59.17%	N/A	The share of non-renewable	Mandatum collected the data on the
non-renewable	renewable			energy consumption and	share of non-renewable energy con-
energy	energy			non-renewable energy	sumption and production to gain
consumption	consumption			production of investee	insight into the principal adverse
and production	and non-			companies from non-	impacts of the investee companies.
	renewable			renewable energy sources	
	energy			compared to renewable	
	production of			energy sources has been cal-	
	investee			culated according to defini-	
	companies			tion (6) and (7) in Annex I	
	from non-			to the SFDR RTS, with for-	
	renewable			mulas (5) and (6) set out in	
	energy sources			the ESA's Final Report on	
	compared to			draft RTS under SFDR	
	renewable			dated 4 December 2023.	
	energy sources,				



	expressed as a percentage of total energy sources			The data on energy consumption and production was provided a third-party data provider. The data coverage for the	
				selected indicator was 91.77% of the total current value of all applicable investments.	
				Mandatum aims to analyse the difference between comparable reporting periods in Mandatum Fund Management S.A.'s next	
				statement which is due by 30 June 2026.	
6. Energy consumption intensity per high impact climate sector	Energy consumption in GWh per million EUR of revenue of investee companies, per high impact climate sector	A. Agriculture, forestry and fishing: 0.000 B. Mining and quarrying: 0.004 C. Manufacturing: 0.061	N/A	The energy consumption in GWh per million EUR of revenue of investee companies, per high impact climate sector was calculated by dividing investee companies' total energy consumption per high impact climate sector with the total revenue in millions of euros for each of the high climate impact	Mandatum collected the data on energy consumption intensity per high impact climate sector to gain understanding of the principal adverse impacts of the investee companies.
		D. Electricity, gas, steam and air conditioning supply: 0.159		sectors. The selected indicator was derived from data provided	



					by a third-party data pro-	
			E Water ave		• • • •	
			E. Water sup-		vider.	
			ply; sewer-		TT1 1	
			age, waste		The data coverage for the	
			management		selected indicator was	
			and remedia-		97.75% of the total current	
			tion activi-		value of all applicable in-	
			ties: 0.000		vestments.	
					Mandatum aims to analyse	
			F. Construc-		the difference between	
			tion: 0.004		comparable reporting	
					periods in Mandatum Fund	
			G. Wholesale		Management S.A.'s next	
			and retail		statement which is due by	
			trade; repair		30 June 2026.	
			of motor ve-			
			hicles and			
			motorcycles:			
			0.001			
			H. Transpor-			
			tation and			
			storage:			
			0.005			
			0.003			
			L. Real estate			
			activities:			
Dia diamania	7 A -4::4:	Cl C	0.030	NT/A	The share of increase in the same of the s	Man datama ann an dùta dùna t
Biodiversity	7. Activities	Share of	0.21%	N/A	The share of investments in	Mandatum screened its direct equity
	negatively	investments in			investee companies with	and fixed income investments for
	affecting	investee			sites/operations located in or	possible breaches (including verified,
	biodiversity-	companies with			near to biodiversity-	past and suspected involvement)
	sensitive areas	sites/operations			sensitive areas where	against international norms and
		located in or			activities of those investee	standards, including those related to



	1	T	1	Т	T	
		near to biodiversity- sensitive areas where activities of those investee companies negatively affect those areas			companies negatively affect those areas on this statement has been calculated according to definitions (18) and (19) in Annex I to the SFDR RTS. The selected indicator was derived from data provided by a third-party data provider. The data coverage for the selected indicator was 96.35% of the total current value of all applicable investments. Mandatum aims to analyse the difference between comparable reporting periods in Mandatum Fund Management S.A.'s next statement which is due by 30 June 2026.	the environment and the incidents' effect on biodiversity. If a breach was detected, Mandatum aimed to e.g., engage with the company directly or via collaborative enagegment or divest the investment, depending on the severity of the incident and how the company had responded to it. The evaluation was done on a case by case basis. Mandatum aims to improve the assessment of biodiversity impacts and dependencies across its investments. To support this goal, a biodiversity roadmap was developed in 2024 and will continue to be refined in the coming years.
Water	8. Emissions to water	Tonnes of emissions to water generated by investee companies per million EUR invested, expressed as a weighted average	0.0009	N/A	Tonnes of emissions to water generated by investee companies per million EUR invested has been calculated according to definitions (18) and (19) in the Annex I to the SFDR RTS and in accordance with the formula provided on page 10 of the Q&A on the SFDR Dele-	Mandatum screened its direct equity and fixed income investments for possible breaches (including verified, past and suspected involvement) against international norms and standards, including those related to the environment and the incidents' effect on water quality. If a breach was detected Mandatum aimed to e.g., engage with the company directly or via collaborative enagegment or divest



					gated Regulation (Commission Delegated Regulation (EU) 2022/1288) dated on 17 November 2022. The data on each company's emissions to water was provided by a third-party data provider. The data coverage for the selected indicator was 91.45% of the total current value of all applicable investments. Mandatum aims to analyse the difference between comparable reporting periods in Mandatum Fund Management S.A.'s next statement which is due by 30 June 2026.	the investment, depending on the severity of the incident and how the company had responded to it. The evaluation was done on a case by case basis.
Waste	9. Hazardous waste and radioactive waste ratio	Tonnes of hazardous waste and radioactive waste generated by investee companies per million EUR invested, expressed as a weighted average	0.34	N/A	Tonnes of hazardous waste and radioactive waste generated by investee companies per million EUR invested on this statement has been calculated according to definitions (14), (15) and (16) in the Annex I to the SFDR RTS and in accordance with the formula provided on page 10 of the Q&A on the SFDR RTS dated 17 November 2022.	Mandatum screened its direct equity and fixed income investments for possible breaches (including verified, past and suspected involvement) against international norms and standards, including those related to the environment. If a breach was detected Mandatum aimed to e.g. engage with the company directly or via collaborative enagegment or divest the investment, depending on the severity of the incident and how the company had responded to it. The



		evaluation was done on a case by case
	The data on each company's	basis.
	hazardous and radioactive	
	waste was provided by a	
	third-party data provider.	
	The data coverage for the	
	selected indicator was	
	91.77% of the total current	
	value of all applicable in-	
	vestments.	
	Mandatum aims to analyse	
	the difference between	
	comparable reporting	
	periods in Mandatum Fund	
	Management S.A.'s next	
	statement which is due by	
	30 June 2026.	



MATTERS Social and	10.	Share of	0.71%	N/A	The share of investments in	Mandatum screened its direct equity
employee	Violations of	investments in			investee companies that	and fixed income investments for
matters	UN Global	investee			have been involved in	possible breaches (including verified,
	Compact	companies that			violations of the UNGC	past and suspected involvement)
	principles	have been			principles or OECD	against the UN Global Compact
	and	involved in			Guidelines for Multinational	principles and Organisation for
	Organisation	violations of			Enterprises on Mandatum's	Economic Cooperation and
	for	the UNGC			PAI statement has been cal-	Development (OECD) Guidelines for
	Economic	principles or			culated according to the def-	Multinational Enterprises.
	Cooperation	OECD			inition (22) in Annex I to	
	and	Guidelines for			the SFDR RTS.	If abuses or breaches related to these
	Development	Multinational				standards were observed in an
	(OECD)	Enterprises			The selected indicator was	investee company, Mandatum aimed
	Guidelines				derived from data provided	to investigate the incident and take
	for				by a third-party data pro-	measures on a case-by-case basis.
	Multinational				vider. The data coverage for	Depending on the severity, nature, and
	Enterprises				the selected indicator was	extent of the breach, portfolio
					96.35% of the total current	management measures consisted of
					value of all applicable in-	direct dialogue with the investee
					vestments.	company's executive management, an
						engagement action or, as a last resort,
					Mandatum aims to analyse	divestment if the investee company
					the difference between	did not respond to the engagement
					comparable reporting	efforts and did not take measures to
					periods in Mandatum Fund	prevent the abuse or breach within a
					Management S.A.'s next	reasonable time frame.
					statement which is due by	
					30 June 2026.	
	11. Lack of	Share of	45.83%	N/A	The share of investments in	Mandatum monitored the good
	processes	investments in			investee companies without	governance practices of its (direct)



and	investee			policies to monitor	investee companies and aimed to
compliance	companies			compliance with the UNGC	engage with the companies if there
mechanisms	without			<u>*</u>	
				principles or OECD	were a reason to suspect a lack of
to monitor	policies to			Guidelines for Multinational	good governance
compliance	monitor			Enterprises or grievance	processes/compliance mechanisms.
with UN	compliance			/complaints handling	
Global	with the UNGC			mechanisms to address	
Compact	principles or			violations of the UNGC	
principles	OECD			principles or OECD	
and OECD	Guidelines for			Guidelines for Multinational	
Guidelines	Multinational			Enterprises on this	
for	Enterprises or			statement has been calcu-	
Multinational	grievance			lated according to the defi-	
Enterprises	/complaints			nition (22) in Annex I to the	
_	handling			SFDR RTS.	
	mechanisms to				
	address			The selected indicator was	
	violations of			derived from data provided	
	the UNGC			by a third-party data pro-	
	principles or			vider. The data coverage for	
	OECD			the selected indicator was	
	Guidelines for			96.35% of the total current	
	Multinational			value of all applicable in-	
	Enterprises			vestments.	
	Litterprises			vestificities.	
				Mandatum aims to analyse	
				the difference between	
				comparable reporting	
				periods in Mandatum Fund	
				Management S.A.'s next	
				statement which is due by	
10	<u> </u>	20.650/	NT/A	30 June 2026.	3 6 1 7 11 7 13 1 1
12.	Average	20.65%	N/A	The average unadjusted	Mandatum collected the data on
Unadjusted	unadjusted			gender pay gap of investee	unadjusted gender pay gap to gain



	,	,	,	1	,
gender pay gap	gender pay gap of investee companies			companies on this statement has been calculated according to the definition (23) in Annex I to the SFDR RTS by taking a weighted average of the unadjusted gender pay gaps of all applicable investee companies. The unadjusted gender pay gap data for all companies is provided by a third-party data provider. The data coverage for the unadjusted gender pay gap was 90.67% of the total current value of all applicable investments. Mandatum aims to analyse the difference between comparable reporting periods in Mandatum Fund Management S.A.'s next	understanding of the principal adverse impacts of the investee companies.
				statement which is due by 30 June 2026.	
13. Board gender diversity	Average ratio of female to male board members in investee companies, expressed as a percentage of	33.31%	N/A	The average ratio of female to male board members in investee companies, expressed as a percentage of all board members on this statement has been calculated according to the definition (24) in the Annex I to the SFDR RTS by taking an	Mandatum collected the data on board gender diversity to gain understanding of the principal adverse impacts of the investee companies.



	11.1				
	all board			average ratio of female to	
	members			male board members in	
				investee companies.	
				The female to male board member data for all companies is provided by a third-party data provider. The	
				data coverage for the board	
				gender diversity was	
				96.35% of the total current	
				value of all applicable investments.	
				vestments.	
				Mandatum aims to analyse	
				the difference between	
				comparable reporting	
				periods in Mandatum Fund	
				Management S.A.'s next	
				statement which is due by	
				30 June 2026.	
14. Exposure	Share of	0.00%	N/A	The selected indicator was	In direct equity and fixed income
to	investments in			derived from data provided	SFDR Article 8 and 9 products, there
controversial	investee			by a third-party data pro-	is a zero tolerance for investments in
weapons	companies			vider. The data coverage for	companies that derive revenue from
(anti-	involved in the			the selected indicator was	controversial weapons defined in the
personnel	manufacture or			96.35% of the total current	SFDR RTS.
mines,	selling of			value of all applicable in-	
cluster	controversial			vestments.	
munitions,	weapons				
chemical				Mandatum aims to analyse	
weapons and				the difference between	
biological				comparable reporting	
weapons)				periods in Mandatum Fund	

		Management S.A.'s next	
		statement which is due by	
		30 June 2026.	



Indicators applicable to investments in sovereigns and supranationals

Adverse sustainability indicator		Metric	Impact 2024	Impact 2024 Impact 2023	Explanation ²	Actions taken, and actions planned and targets set for the next reference period
Environmental	1. GHG intensity	GHG intensity of investee countries	1.13 tCO2e per million EUR of Gross Domestic Product	N/A	GHG intensity of investee countries has been calculated in accordance with the formula (4) set out in Annex I to the SFDR RTS. At the time of preparing this statement, countries' GHG emissions for the year 2024 were not yet available, and thus the calculation is based on 2023 data. The countries' emission data as well as GDP data is based on the European Commission's EDGAR database ³ . To take into account variation in Mandatum's positions, the attributed emissions are calculated quarterly, with the annual value	Mandatum collected GHG intensity data of investee countries to gain understanding of the principal adverse impacts of the investments in sovereigns and supranationals.

² The historical comparison to the previous reporting period is not feasible due to a change in reporting scope. In the previous reporting period, Mandatum Asset Management, as the asset manager for Mandatum AM AIFM Ltd, Mandatum Fund Management S.A., and Mandatum Life, released a single principal adverse impact statement covering all investment decisions made by these four entities. For this reporting period, a separate statement has been issued for each of the four companies.

³ EDGAR (Emissions Database for Global Atmospheric Research) Community GHG Database (a collaboration between the European Commission, Joint Research Centre (JRC), the International Energy Agency (IEA), and comprising IEA-EDGAR CO2, EDGAR CH4, EDGAR N2O, EDGAR F-GASES version EDGAR_2024_GHG (2024) European Commission. EDGAR report webpage: https://edgar.jrc.ec.europa.eu/report_2024; EDGAR_2024_GHG website: https://edgar.jrc.ec.europa.eu/dataset_ghg2024.



Indicators applicable to investments in sovereigns and supranationals

Adverse	sustainability	Metric	Impact 2024	Impact 2023	Explanation ²	Actions taken, and actions planned
indicator			•	P		and targets set for the next reference period
Social	2. Investee	Number of	N/A	N/A	derived from the average of the four quarters. Following a careful assess-	Mandatum is committed to
Social	countries subject to social violations	investee countries subject to social violations (absolute number and relative number divided by all investee countries), as referred to in international treaties and conventions, United Nations principles and, where applicable, national law			ment, Mandatum has stated that there is no binary data available in relation to investee countries subject to social violations. However, Mandatum continues to actively monitor data availability.	compliance with relevant sanctions laws in the jurisdictions in which it operates. Regarding investments, Mandatum has implemented screening procedures for both new and existing investments. Mandatum does not invest in companies or sovereign bonds which are subject to these types of sanctions. In addition, all new and existing investments are continuously screened for AML and adverse media events, such as information regarding anti-bribery and corruption violations. New investments to Russia and Belarus were excluded in the 2023 update of Mandatum's Responsible Investment Policy. Exclusion covers companies organized within Russia or Belarus and Russian or Belarusian sovereign bonds. Mandatum aims to develop its methodologies to gather data in relation to investee countries subject to social violations.



Adverse sustainability indicator		Metric	Impact 2024	Impact 2023	Explanation	Actions taken, and actions planned and targets set for the next reference period	
Fossil fuels	1. Exposure to fossil fuels through real estate assets	Share of investments in real estate assets involved in the extraction, storage, transport or manufacture of fossil fuels	N/A	N/A	Mandatum Fund Management S.A. Luxembourg did not make any investments in real estate assets.	Mandatum Fund Management S.A. Luxembourg did not make any investments in real estate assets.	
Energy efficiency	2. Exposure to energy-inefficient real estate assets	Share of investments in energy-inefficient real estate assets	N/A	N/A	Mandatum Fund Management S.A. Luxembourg did not make any investments in real estate assets.	Mandatum Fund Management S.A. Luxembourg did not make any investments in real estate assets.	

Other indicators for principal adverse impacts on sustainability factors				
Table 2 Additional climate and other environment-related indicators				
CLIMATE AND OTHER ENVIRONMENT-RELATED INDICATORS				



Adverse sustainability indicator	Adverse impact on sustainability factors (qualitative or quantitative)	Metric	Impact 2024	Impact 2023	Explanation ⁴	Actions taken, and actions planned and targets set for the next reference period
	,	Indic	ators applicabl	e to investment	s in investee companies	
Water, waste and material emissions	9. Investments in companies producing chemicals	Share of investments in investee companies the activities of which fall under Division 20.2 of Annex I to Regulation (EC) No 1893/2006	1.10%	N/A	The share of investments in investee companies the activities of which fall under Division 20.2 of Annex I to Regulation (EC) No 1893/2006 on this statement was calculated by dividing the total current value of investments where the selected indicator is present with the total current value of all applicable investments in the investee company asset category. The selected indicator was derived from data provided by a third-party data provider. The data coverage for the selected indicator was 96.35% of the total current	Mandatum collected the data to gain insight into the principal adverse impacts of the investee companies.

⁴ The historical comparison to the previous reporting period is not feasible due to a change in reporting scope. In the previous reporting period, MAM, as the asset manager for Mandatum AM AIFM Ltd, Mandatum Fund Management S.A., and Mandatum Life, released a single principal adverse impact statement covering all investment decisions made by these four entities. For this reporting period, a separate statement has been issued for each of the four companies.



	value of all applicable investments.
	Mandatum aims to analyse the difference between comparable reporting periods in Mandatum Fund Management S.A.'s next statement which is due by 30 June 2026.



 $Table\ 3$ Additional indicators for social and employee, respect for human rights, anti-corruption and anti-bribery matters

INDICATORS FOR SOCIAL AND EMPLOYEE, RESPECT FOR HUMAN RIGHTS, ANTI-CORRUPTION AND ANTI-BRIBERY **MATTERS** Explanation⁵ Adverse Metric **Impact 2024 Impact 2023** Actions taken, and actions planned Adverse and targets set for the next sustainability impact on impact sustainability reference period factors (qualitative or quantitative) Indicators applicable to investments in investee companies 9.15% Mandatum collected the data on share 15. Lack of Share of N/A The share of investements in Anticorruption and anti-corruption entities without policies on of investments in entities without investments in anti-bribery and antianti-corruption and antipolicies on anti-corruption and antientities without policies on bribery consistent with the United bribery policies bribery consistent with the anti-corruption **United Nations Convention** Nations Convention against against Corruption on this Corruption. and antibribery statement was calculated by dividing the total current Mandatum also engaged directly and consistent with participated in collaborative engagethe United value of investments where the selected indicator is prement activities in relation to anti-cor-**Nations** Convention sent with the total current ruption and anti-bribery matters. against value of all applicable investments in the investee Corruption company asset category. The selected indicator was derived from data provided

⁵ The historical comparison to the previous reporting period is not feasible due to a change in reporting scope. In the previous reporting period, MAM, as the asset manager for Mandatum AM AIFM Ltd, Mandatum Fund Management S.A., and Mandatum Life, released a single principal adverse impact statement covering all investment decisions made by these four entities. For this reporting period, a separate statement has been issued for each of the four companies.



by a third-party data provider. The data coverage for the selected indicator was 83.98% of the total current value of all applicable investments.
Mandatum aims to analyse the difference between comparable reporting periods in Mandatum Fund Management S.A.'s next statement which is due by 30 June 2026.



Description of policies to identify and prioritise principal adverse impacts on sustainability factors

Mandatum's Responsible Investment Policy is reviewed, updated and approved annually. The latest policy was approved by relevant Mandatum Group companies' boards of directors in May 2025.

Mandatum aims to consider and mitigate the adverse impacts of its investment operations to the environment, climate, society, employees, respect for human rights, and anti-corruption and anti-bribery (hereinafter sustainability factors). Therefore, Mandatum has incorporated sustainability into its investment operations, and the company's investment decisions take into account not only financial aspects, but also sustainability factors, as well as the related risks (hereinafter sustainability risks).

Mandatum's personnel adhere by its Responsible Investment Policy. The policy is intended as a guide for portfolio managers and for those participating in investment operations to take sustainability risks and factors into account in their day-to-day activities. The policy outlines the minimum level of measures taken to mitigate sustainability risks and adverse sustainability impacts. Stricter rules and engagement procedures can be applied to certain products or portfolios.

Mandatum's asset manager MAM has a dedicated ESG team whose primary responsibility is to support investment functions on matters related to responsible investment. The team also monitors adherence to the Responsible Investment Policy and assists portfolio management when required. In addition, MAM has appointed a Head of Responsible Investments, who has overall responsibility for coordinating responsible investment across Mandatum.

All investment professionals are required to account for sustainability factors when selecting and monitoring investment objects. Portfolio managers and analysts are in the best position to understand the sustainability aspects of investee companies and business partners they are monitoring and to engage in a dialogue with management to influence matters. As part of their investment market monitoring, portfolio managers and analysts also look at how sustainability issues are incorporated in investor information and investment product offerings.

Mandatum conducted a double materiality assessment according to the Corporate Sustainability Reporting Directive (EU) 2022/2464 ("CSRD") in H2/2023. The assessment included also principal adverse impacts to further specify the methodologies to select the indicators and how those methodologies consider the probability of occurrence and the severity of those principal adverse impacts, including their potentially irremediable character. In addition, any associated margin of error within the methodologies will be assessed.

Mandatum has identified sensitive areas of business that are monitored through external service providers and internal company analysis. These sensitive areas include breaches of international norms and standards, non-compliance with sanctions laws, and involvement in sensitive industries. All direct fixed income and equity investments undergo monitoring, with their sustainability risks assessed based on these criteria. Additionally, indirect investments focusing on products with ESG characteristics are also subject to monitoring.

In selecting and monitoring investment products managed by external funds, asset managers, and cooperation partners, Mandatum focuses its sustainability analysis on evaluating the investment process, resources, and reporting capabilities of these partners. ESG information is sourced from public databases and provided by external managers.



Mandatum relies on data received from investee companies, public sources, and third-party data providers. As described in the explanation columns in Tables 1, 2, and 3 related to specific indicators, the data coverage in PAI indicator calculations varies across different indicators.

Engagement policies

Mandatum Fund Management S.A.'s assets are managed by MAM, whose Engagement Principles are applied for Mandatum's investments. MAM's Engagement Principles describe its activities as an asset manager when investing in equities of exchange-listed companies in the European Economic Area. Active engagement can take place by participating and voting in general meetings, collaborative engagement, and by maintaining contact with the management of target companies.

Where applicable, these Engagement Principles are also applied when investing in unlisted companies, investment funds, and debt capital instruments.

The Engagement Principles do not explicitly address adverse impacts or outline how they will be adapted if there is no reduction in principal adverse impacts over multiple reporting periods. Mandatum aims to extend the direct scope of MAM's Engagement Principles as of 2025 to better reflect its updated, broader consideration of principal adverse impacts in the group. This amendment aims to incorporate the inclusion of considerations regarding adverse impacts and adaptation mechanisms into the Engagement Principles.

References to international standards

Mandatum has identified sensitive areas of business that are monitored both through external service providers and through company analysis. The sensitive areas include breaches of international norms and standards, non-compliance with requirements under sanctions laws as well as involvement in sensitive industries. All direct equity and fixed income investments are monitored, and their sustainability risks are assessed based on these criteria. Mandatum evaluates the alignment of its investments with international norms and standards primarily using ISS ESG, Sustainalytics, Refinitiv, and The Upright Project, depending on data availability and quality. For investment products primarily investing in unlisted loans of private companies, such as Mandatum's loan strategies, the data coverage by Sustainalytics and ISS ESG is considered limited. The Upright Project and Refinitiv are utilized to supplement these data gaps.

Norm-based research (ISS ESG), ESG Risk Ratings (Sustainalytics), and adverse media screening (Refinitiv) rely on publicly available data, which is inherently retrospective. These tools are used to analyze how investee companies manage risks associated with their business sectors, assess their adherence to international standards, and evaluate their preparedness for future requirements, such as national climate goals.

Norm-based research: The investments are monitored based on international norms and standards laid down in international conventions, such as the UN Global Compact, the OECD Guidelines for Multinational Enterprises, the ILO Tripartite Declaration of Principles concerning Multinational Enterprises and Social Policy, the Guiding Principles on Business and Human Rights: Implementing the United Nations 'Protect, Respect and Remedy' Framework, and the Paris Agreement on Climate Change. If abuses or breaches related to these standards and conventions are observed in an investee company, the incident is investigated, and measures are taken on a case-by-case basis. Depending on the severity, nature, and extent of the breach, portfolio management measures may consist of direct dialogue with the investee company's executive management, an engagement action or, as a last resort, divestment if the investee company does not respond to the engagement efforts and does not take measures to prevent the abuse or breach within a reasonable time frame. Specifically,



regarding the Paris Agreement on Climate Change, Mandatum monitors companies that lobby against climate action and have not been able to reduce their emissions. Mandatum's portfolio did not include these types of companies in the reference period.

Sanction screening: Mandatum is committed to compliance with relevant sanctions laws in the jurisdictions in which it operates. Regarding investments, Mandatum has implemented screening procedures for both new and existing investments. To ensure compliance with the requirements under sanctions laws, Mandatum screens its investment portfolio and investment counterparties against applicable sanctions lists, both before making an investment and on an ongoing basis. Mandatum does not invest in companies or sovereign bonds which are subject to these types of sanctions.

Sensitive industries screening: Certain industries are considered to carry more sustainability risks and cause more adverse sustainability impacts than others. Such risks include, for example, reputational risk, climate risks, and regulatory risks. Investments in industry sectors identified as sensitive are monitored regularly to identify potential sustainability risks and quantify them.

Industries identified as sensitive include the manufacture or production of the following products or services, as well as the subcontracting or distribution of those products: adult entertainment, tobacco, gambling, military equipment, controversial weapons, coal and oil. In addition to industry specific monitoring, Mandatum follows legally required exclusions (e.g., those required by domestic/international law, bans, treaties, or embargoes).

Historical comparison

The historical comparison to the previous reporting period is not feasible due to a change in reporting scope. In the previous reporting period, MAM, as the asset manager for Mandatum AM AIFM Ltd, Mandatum Fund Management S.A., and Mandatum Life, released a single principal adverse impact statement covering all investment decisions made by these four entities. For this reporting period, a separate statement has been issued for each of the four companies.

Mandatum Fund Management S.A. aims to analyse the difference between comparable reporting periods in its next statement which is due by 30 June 2026.