

Sub-topic	IRO title	Impact, risk or opportunity	Value chain	Time horizon
<b>E1: Climate change mitigation</b>	Increased cost from sustainability-related changes in European building and tax legislation	Risk	Downstream	Medium term
	Increased costs and reduced sales from product and service redesign to achieve lower carbon emissions	Risk	Own operations	Long term
	Increased cost and reduced material availability from sourcing more raw materials with a lower environmental impact	Risk	Upstream	Long term
	Changing consumer preferences due to increased use of roof solar panels	Risk	Downstream	Long term
	Scope 1 and 2 CO <sub>2</sub> e emissions	Negative impact	Own operations	Long term
	Scope 3 CO <sub>2</sub> e emissions	Negative impact	Upstream	Long term
	Scope 3 CO <sub>2</sub> e emissions	Negative impact	Downstream	Long term
<b>E1: Climate change adaptation</b>	Extreme weather events leading to operational disruptions	Risk	Own operations	Long term
<b>E1: Energy</b>	Improved energy efficiency in own operations and production processes	Positive impact	Own operations	Medium term
<b>E2: Substances of concern and very high concern</b>	Substances of concern that can have a negative impact on health, the environment and potentially limit circularity	Negative impact	Downstream	Medium term
<b>E4: Direct impact drivers of biodiversity loss</b>	Raw material sourcing impacts on biodiversity	Negative impact	Upstream	Medium term
	Biodiversity restoration and protection initiatives	Positive impact	Own operations	Long term
<b>E5: Resource inflows</b>	Increased revenue and brand reputation from implementation of circular business models	Opportunity	Own operations	Medium term
	Environmental impacts associated with using virgin raw materials	Negative impact	Upstream	Medium term
	Reduced environmental impact from increased use of recycled materials	Positive impact	Upstream	Medium term
	Reduced environmental impact from increased use of renewable materials including biomass	Positive impact	Own operations	Medium term
<b>E5: Waste</b>	Waste generation at product end of life	Negative impact	Downstream	Long term