

TASK FORCE ON CLIMATE-RELATED FINANCIAL DISCLOSURES (TCFD) – RECOMMENDED REPORTS INDEX

TCFD PILLAR	RECOMMENDED REPORTS	WHERE TO FIND RELEVANT YPF INFORMATION
Governance Organizational governance over climate-related risks and opportunities.	a. Describing the board of directors' control over climate-related risks and opportunities.	<ul style="list-style-type: none"> • Sustainability Report 2021 - p35, <i>Sustainability Governance</i> • Sustainability Report 2021 - p12, <i>Board of Directors Committees</i> • CDP Response to Climate Change – C1.1
	b. Describing the role of management in evaluating and managing climate-related risks and opportunities.	<ul style="list-style-type: none"> • Sustainability Report 2021 - p35, <i>Sustainability Governance</i> • Sustainability Report 2021 - p38, <i>Sustainability Priorities</i> • CDP Response to Climate Change – C1.2, 1.3
Strategy Actual and potential impacts of climate-related risks and opportunities on the organization's businesses, strategy and financial planning.	a. Describing climate-related risks and opportunities identified by the organization in the short, medium and long term.	<ul style="list-style-type: none"> • Sustainability Report 2021 - p15-16, <i>Emerging Risks</i> • CDP Response to Climate Change – C2.1, 2.3, 2.4
	b. Describing the impact of climate-related risks and opportunities on the organization's businesses, strategy and financial planning.	<ul style="list-style-type: none"> • Sustainability Report 2021 - p15-16, <i>Emerging Risks</i> • Sustainability Report 2021 - p42-43, <i>Energy Perspectives</i> • Sustainability Report 2021 - p54-57, <i>New Renewable Energy Solutions</i> • CDP Response to Climate Change – C2.3, 2.4, 3.1, 3.3, 3.4
	c. Describing the resilience of the organization's strategy, considering different climate-related scenarios, such as a scenario with 2°C or less.	<ul style="list-style-type: none"> • Sustainability Report 2021 - p42-45, <i>Energy Perspectives</i> • sustainability report 2021, p59, <i>Resilience to Climate Change Impacts</i> • Sustainability Report 2021 - p19, <i>Business Strategy</i> • Sustainability Report 2021 - p35 -39, <i>Sustainability Strategy and Management</i> • CDP Response to Climate Change – C3.2, 3.3, 3.4
Risk Management – Processes used by the organization to identify, evaluate and manage climate-related risks.	a. Describing the organization's processes to identify and evaluate climate-related risks.	<ul style="list-style-type: none"> • Sustainability Report 2021 - p59, <i>Evaluation of climate impact on assets and operations</i> • Sustainability Report 2021 - p59, <i>Climate maps</i> • CDP Response to Climate Change – C2.1, 2.2
	b. Describing the organization's processes to manage climate-related risks.	<ul style="list-style-type: none"> • Sustainability Report 2021 - p36, <i>Sustainability Risk Management</i> • sustainability report 2021, p59, <i>Resilience to Climate Change Impacts</i> • CDP Response to Climate Change – C2.1, 2.2
	c. Describing how processes to identify, evaluate and manage climate-related risks are integrated into the organization's overall risk management.	<ul style="list-style-type: none"> • Sustainability Report 2021 - p14 -16, <i>Risk Management</i> • Sustainability Report 2021 - p36, <i>Sustainability Risk Management</i> • CDP Response to Climate Change – C2.1, 2.2

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<p>Metrics and goals –</p> <p>Metrics and goals used to evaluate and manage relevant climate-related risks and opportunities.</p>	<p>Disclosing the metrics used by the organization to evaluate climate-related risks and opportunities in accordance with its strategy and risk management process.</p>	<ul style="list-style-type: none"> • Sustainability Report 2021 – p37-39, <i>Sustainability priorities and contribution to SDGs</i> • Sustainability Report 2021, <i>Low carbon oil and gas operations</i> – climate metrics and performance discussion: <ul style="list-style-type: none"> • Energy efficiency (<i>consumption, sources, intensity</i>), p51-52, Appendices • Burned and vented hydrocarbon, p49, Appendices • Methane emission reductions, p47-49, Appendices • Emission reductions for CDM projects, p46, Appendices • Emissions offsets, Forestry projects, p124 • Domestic Price of Carbon, p59 • New Renewable Energy Solutions, p54-56 • Products Based on Lower Carbon Hydrocarbons, p57 • Sustainability Report 2021, other metrics related to climate change risks and opportunities <ul style="list-style-type: none"> • Estimated CO₂ emissions from reserves incorporated in proven hydrocarbon reserves, Appendices • Amount invested in renewable energy sources and sales generated, Appendices • Water management, p66-68, Appendices, including water extraction from areas under water stress. • Waste management, p73-74, Appendices
	<p>Disclosing Scope 1, Scope 2 and, if applicable, Scope 3 greenhouse gas (GHG) emissions and related risks.</p>	<ul style="list-style-type: none"> • Sustainability Report 2021, <i>Low carbon oil and gas operations</i> – climate metrics and performance discussion: <ul style="list-style-type: none"> • GHG emissions scope 1 (intensity, total, by business, by activity), p46-49, Appendices • GHG Emissions Scope 2 – Sustainability Report 2021, p50, Appendices • GHG emissions scope 3 (Goods and services purchased, Waste generated in operations, Use of products sold, <i>Franchises</i>) – Sustainability Report 2021, p58, Appendices • CDP Response to Climate Change – C6, C7
	<p>Describing the goals used by the organization to manage climate-related risks and opportunities and performance against goals.</p>	<ul style="list-style-type: none"> • Sustainability Report 2021, p44, <i>Climate Change Roadmap</i> • Sustainability Report 2021 – p37-39, <i>Sustainability priorities and contribution to SDGs</i> • CDP Response to Climate Change – C4.1, 4.2