



The independent impact rating agency™

TotalEnergies

2023 Analysis

Published on May 4, 2023

Impact statement



TotalEnergies

TotalEnergies is among the world's ten largest integrated oil and gas producers and is the world's second-largest liquefied natural gas operator. It produces and markets fuels, natural gas, and electricity. In 2022, TotalEnergies generated US 2.81 billion in revenue, employed 101,279 people worldwide and produced 2.7 million BOE of hydrocarbons per day on average. TotalEnergies has a major position in France and in European financial markets as one of the top companies in the CAC 40 and Euro Stoxx 50 indexes. In terms of environmental and social risks, conventional and unconventional oil and gas activities generate significant GHG and air emissions during refining and processing processes. Air, water and land contamination, biodiversity and ecosystem degradation, community relations and occupational health and safety risks are also material issues for the Company. Furthermore, certain TotalEnergies operations are particularly controversial and exposed to negative environmental and social impacts, such as the oil sands and shale exploration, activities in the Ecuador Amazon, and the Mozambique LNG, EACOP, and Arctic gas projects.

Regarding climate change, the Group's transition strategy focuses on LNG production, with a projected increase of 40% from 2021 to 2030. It plans for in oil production to peak in the decade to then reduce the share of petroleum products in its sales mix to 30% in 2030 (compared to 41% in 2022). The Company has set a net-zero emissions objective for 2050 and intermediate climate objectives on three scopes from a 2015 baseline. While TotalEnergies presents a clear and detailed climate strategy, none of the quantitative targets are aligned with the Paris Agreement.

Additionally, TotalEnergies is involved in several controversies related to its climate strategy, similar to other oil majors, Exxon or BP. For instance, in April 2023, an activist group and 17 other investors filed a shareholder resolution requiring the Company to do more to cut its emissions by 2030, as they alleged that its scope 3 targets are not stringent enough. The Group's strategy relies mainly on increasing LNG production, and its total scope 3 emissions target only requires it to maintain its current level of emissions (400 Mt CO₂e) by 2030. As scope 3 emissions represent around 90% of TotalEnergies' footprint, we can conclude that the majority of its emissions could remain stagnant until 2030 under its current strategy. Furthermore, the Company faced allegations from the United Nations for voluntarily hiding its contribution to climate change since the 1970s, is involved in an ongoing trial since July 2020 for "climate inaction," and was sued in France by NGOs, including Greenpeace, for alleged misleading commercial practices in relationship with its climate strategy communication.

Besides climate-related allegations, TotalEnergies is also involved in controversies related to repercussions on local communities and poor labour and working conditions regarding its Tilenga and EACOP projects in Uganda. There are also allegations of Uyghur forced labour in its subsidiary Sunpower Corporation's supply chain in Xinjiang in 2021 and of failing to prevent human rights abuses in Yemen, where one of its factories was used as a detention center by Emirati forces. In response to the controversies, TotalEnergies published impact studies, independent third-party reviews, and social and environmental action plans in consultation with local stakeholders for its Ugandan projects. However, it explained in 2019 that it did not have information regarding how its facilities were used in Yemen and did not respond to the allegations of forced labour in its supply chain.

Otherwise, TotalEnergies recognizes all of its environmental and social risks and has a developed environmental and social management system. TotalEnergies generates five positive impacts, representing less than 1% of its revenue altogether. The Company's 2022 EU Taxonomy alignment reporting allowed an improved assessment of its positive contribution to several SDGs, namely SDG 7.1, 7.2, 7.3, 13.1 and 12.5. For instance, TotalEnergies produces renewable energy from wind, solar and hydro, manufactures equipment and services related to the energy efficiency of buildings and provides access to an energy program for low-income customers.

impak Score™



Impact type

Z

Does cause harm

Where are the positive impacts in the business model

Impacts	Business lines			
	Marketing & Services	Refining & Chemicals	Integrated Gas, Renewables & Power	Exploration & Production
- Contributing to the deployment of renewable energy in the energy mix by producing and distributing electricity from renewables: wind, solar, and hydroelectric assets, installing and maintaining renewable energy technology, manufacturing batteries and conducting electricity storage	<div></div>	<div></div>	<div></div>	<div></div>
- Manufacture of energy efficiency equipment for buildings and professional services related to the energy performance of buildings	<div></div>	<div></div>	<div></div>	<div></div>
- Production of heat and cool using waste heat, anaerobic digestion of bio-waste, landfill gas capture and utilization and manufacture of biogas and biofuels for use in transport from circular feedstocks	<div></div>	<div></div>	<div></div>	<div></div>
- Infrastructure enabling low-carbon road and public transport and installation, maintenance and repair of charging stations for electric vehicles and manufacture of low-carbon technologies for transport	<div></div>	<div></div>	<div></div>	<div></div>
- Developing a range of decentralized solutions to meet the energy needs of people in emerging countries by improving accessibility: distribution of lamps and solar kits to low-income and off-grid customers, incubation of projects in decentralized off-grid distribution	<div></div>	<div></div>	<div></div>	<div></div>
Business line turnover	2.84%	44.73%	14.96%	17.47%

Positive impact

Positive impact score 0 / 500

Actual positive impacts

<div><div>12</div><div>RESPONSIBLE CONSUMPTION AND PRODUCTION</div><div></div></div>	SDG	12. Responsible consumption and production	Impact type
	Target	12.5. By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse	
	Outcome	Improvement and increase in support to the circular economy	
			<div>B</div>

Activity

- Production of heat and cool using waste heat, anaerobic digestion of bio-waste, landfill gas capture and utilization and manufacture of biogas and biofuels for use in transport from circular feedstocks

Part of activities addressing SDG

1%

What

Outcome in period	1.0Mt Total biofuels production2022
	1.0TWh Total biogas production2022
Importance of the outcome to stakeholder	High
Outcome threshold	No information
Company objective	1.5Mt Targeted Total biofuels production2030
	20.0TWh Targeted Total biogas production2030
SDG	12. Responsible consumption and production
SDG target	12.5. By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse

Who


Stakeholders	- Indirect: Local terrestrial ecosystems - Direct: Planet
Geographical boundary	No information
Baseline	1.0Mt Total biofuels production2021
	1.0TWh Total biogas production2021
Stakeholder characteristics	No information

How much

Scale	No information
Depth	% Evolution Total biofuels production2022
	% Evolution Total biogas production2022
Duration	Various
Contribution	
Depth	No information
Duration	No information

Risk

Evidence risk	High: Sufficient high-quality data needs to be provided to know what impact is occurring. TotalEnergies provides clear information on the manufacture of biogas and biofuels, but there is a lack of quantitative and qualitative data on other dimensions of the impact, such as the production of heat and cool using waste heat or the anaerobic digestion of waste.
External risk	Non material
Stakeholder participant risk	High: There is no information on how stakeholders are being reached, engaged with and included to inform the company on the generation of this positive impact.
Drop off risk	High: Without proper data on impact duration and company follow-ups, it is not possible to assess if the positive impact is likely to continue after the activity is over, and there is a high probability that the positive impact does not endure.
Efficiency risk	Non material
Execution risk	Non material
Alignment risk	High: TotalEnergies is a for-profit company and the generation of this impact is not locked into the company's business model and governance practices.
Endurance risk	Non material
Unexpected risk	Non material



SDG

Target

Outcome

7. Affordable and clean energy

7.1. By 2030, ensure universal access to affordable, reliable and modern energy services

Increase in access to affordable, reliable and modern energy services for all

Impact type

B

Activity

- Developing a range of decentralized solutions to meet the energy needs of people in emerging countries by improving accessibility: distribution of lamps and solar kits to low-income and off-grid customers, incubation of projects in decentralized off-grid distribution

Part of activities addressing SDG

1%

What

Outcome in period	5000000.0 Number of solar lamps and kits distributed since 20102022
	22000000.0 Cumulative number of people that have now access to energy2022
Importance of the outcome to stakeholder	High
Outcome threshold	No information
Company objective	25000000.0 Targeted Cumulative number of people that have now access to energy2025
SDG	7. Affordable and clean energy
SDG target	7.1. By 2030, ensure universal access to affordable, reliable and modern energy services

Who

Stakeholders

- Indirect: Civil society
- Indirect: Low income communities, off grid communities
- Direct: Low income emerging countries population leaving in remote offgrid areas

Geographical boundary

Global
No information

Baseline

4200000.0
Number of solar lamps and kits distributed since 20102021

19000000.0
Cumulative number of people that have now access to energy2021

Stakeholder characteristics

No information

How much

Scale

No information

Depth

19.05%
Evolution Number of solar lamps and kits distributed since 20102022

15.79%
Evolution Cumulative number of people that have now access to energy2022

Duration

Long duration: more than one year

Contribution

Depth

No information

Duration

No information

Risk

Evidence risk

High: Sufficient high-quality data needs to be provided to know what impact is occurring. TotalEnergies provides clear qualitative information, as well as some important output indicators which allow to assess the impact and evolution. However, most of the data indicators are not audited and not all up to date and reporting methodology is not disclosed.

External risk

Non material

Stakeholder participant risk

Medium: TotalEnergies has a stakeholder engagement process but there is neither corporate accountability nor it is not properly documented (e.g: keeping records regarding stakeholder engagement activities). TotalEnergies provides generic information regarding its stakeholders' engagement through its annual report. However, no information is disclosed on the scope of the process, timeline, and level of engagement for this specific outcome. There is a medium probability that the needs of the stakeholders are not fully considered for this impact.

Drop off risk

High: Without proper data on impact duration and company follow-ups, it is not possible to assess if the positive impact is likely to continue after the positive activity is over, and there is a high probability that positive impact does not endure.

Efficiency risk

Non material

Execution risk

Non material

Alignment risk


High: TotalEnergies is a for-profit company and the generation of this impact is not locked into the company's business model and governance practices.

Endurance risk

Non material

Unexpected risk

Non material

	SDG	7. Affordable and clean energy	Impact type <div>B</div>
	Target	7.3. By 2030, double the global rate of improvement in energy efficiency	
	Outcome	Improvement of energy efficiency	

Activity

- Manufacture of energy efficiency equipment for buildings and professional services related to the energy performance of buildings

Part of activities addressing SDG

1%

What

Outcome in period	No information
Importance of the outcome to stakeholder	High
Outcome threshold	No information
Company objective	No information
SDG	7. Affordable and clean energy
SDG target	7.3. By 2030, double the global rate of improvement in energy efficiency

Who

Stakeholders	- Direct: Planet - Direct: Clients
Geographical boundary	No information
Baseline	No information
Stakeholder characteristics	No information

How much


Scale	No information
Depth	No information
Duration	Various

Contribution

Depth	No information
Duration	No information

Risk

Evidence risk	High: Sufficient high-quality data needs to be provided to know what impact is occurring. There is a lack of qualitative and quantitative data to assess the impact.
External risk	Non material
Stakeholder participant risk	High: There is no information on how stakeholders are being reached, engaged with and included to inform the company on the generation of this positive impact.
Drop off risk	High: Without proper data on impact duration and company follow-ups, it is not possible to assess if the positive impact is likely to continue after the activity is over, and there is a high probability that the positive impact does not endure.
Efficiency risk	Non material
Execution risk	Non material
Alignment risk	High: TotalEnergies is a for-profit company and the generation of this impact is not locked into the company's business model and governance practices.
Endurance risk	Non material
Unexpected risk	Non material



SDG

13. Climate action

Target

13.2. Integrate climate change measures into national policies, strategies and planning

Outcome

Reduction of greenhouse gas emissions

Impact type

B

Activity

- Infrastructure enabling low-carbon road and public transport and installation, maintenance and repair of charging stations for electric vehicles and manufacture of low-carbon technologies for transport

Part of activities addressing SDG

1%

What

Outcome in period	42000.0 Number of EV charging points2022
Importance of the outcome to stakeholder	High
Outcome threshold	No information
Company objective	No information
SDG	13. Climate action
SDG target	13.2. Integrate climate change measures into national policies, strategies and planning

Who

Stakeholders	- Direct: Planet
Geographical boundary	National or international - France - Belgium - Germany - United Kingdom

Baseline	26000.0 Number of EV charging points2021
----------	---

Stakeholder characteristics	No information
-----------------------------	----------------

How much


Scale	No information
Depth	61.54% Evolution Number of EV charging points2022
Duration	Various

Contribution

Depth	No information
Duration	No information

Risk

Evidence risk	High: Sufficient high-quality data needs to be provided to know what impact is occurring. TotalEnergies provides information on the manufacture of EV charging stations. However, there is a lack of quantitative and qualitative data on other dimensions of the impact, such as the infrastructure and manufacture of technologies for low-carbon transport.
External risk	Non material
Stakeholder participant risk	Medium: TotalEnergies has a stakeholder engagement process in place but there is neither corporate accountability nor is it properly documented (e.g: keeping records regarding stakeholder engagement activities).
Drop off risk	High: Without proper data on impact duration and company follow-ups, it is not possible to assess if the positive impact is likely to continue after the activity is over, and there is a high probability that the positive impact does not endure.
Efficiency risk	Non material
Execution risk	Non material
Alignment risk	High: TotalEnergies is a for-profit company and the generation of this impact is not locked into the company's business model and governance practices.
Endurance risk	Non material
Unexpected risk	Non material

	SDG	7. Affordable and clean energy	Impact type <div>B</div>
	Target	7.2. By 2030, increase substantially the share of renewable energy in the global energy mix	
	Outcome	Increase in the use and production of renewable energy in the energy mix	

Activity

- Contributing to the deployment of renewable energy in the energy mix by producing and distributing electricity from renewables: wind, solar, and hydroelectric assets, installing and maintaining renewable energy technology, manufacturing batteries and conducting electricity storage

Part of activities addressing SDG

1%

What

Outcome in period	33.0TWh Total renewable energy production (short-term objective)2022
	17.0GW Gross renewable power generation capacity (short-term objective)2022
	17.0GW Gross renewable power generation capacity2022
	33.0TWh Total renewable energy production2022
Importance of the outcome to stakeholder	High
Outcome threshold	No information
Company objective	50.0TWh Targeted Total renewable energy production (short-term objective)2025
	35.0GW Targeted Gross renewable power generation capacity (short-term objective)2025
	100.0GW Targeted Gross renewable power generation capacity2030
	130.0TWh Targeted Total renewable energy production2030
SDG	7. Affordable and clean energy
SDG target	7.2. By 2030, increase substantially the share of renewable energy in the global energy mix

Who

Stakeholders	- Direct: Planet
Geographical boundary	National or international
	- India
	- France

Baseline	21.0TWh Total renewable energy production (short-term objective)2021
	10.0GW Gross renewable power generation capacity (short-term objective)2021
	10.0GW Gross renewable power generation capacity2021
	21.0TWh Total renewable energy production2021

Stakeholder characteristics	No information
-----------------------------	----------------

How much

Scale	No information
Depth	57.14% Evolution Total renewable energy production (short-term objective)2022
	70.0% Evolution Gross renewable power generation capacity (short-term objective)2022
	70.0% Evolution Gross renewable power generation capacity2022
	57.14% Evolution Total renewable energy production2022

Duration	Long duration: more than one year
----------	-----------------------------------


Contribution

Depth	No information
Duration	No information

Risk

Evidence risk	High: Sufficient high-quality data needs to be provided to know what impact is occurring. TotalEnergies provides clear information on the generation of renewable energy, but there is a lack of quantitative and qualitative data on other dimensions of the impact, such as the manufacture of batteries or electricity storage.
External risk	Non material
Stakeholder participant risk	Medium: TotalEnergies has a stakeholder engagement process but there is neither corporate accountability nor it is not properly documented (e.g.: keeping records regarding stakeholder engagement activities). TotalEnergies provides generic information regarding its stakeholders' engagement through its annual report. However, no information is disclosed on the scope of the process, timeline, and level of engagement for this specific outcome. There is a medium probability that the needs of the stakeholders are not fully considered for this impact.
Drop off risk	Medium: TotalEnergies discloses some information regarding impact duration and follow-ups of its positive activity to ensure impact generation. However, it does not measure the duration of its positive impact which highlights a medium probability that the impact generation does not endure.
Efficiency risk	Non material
Execution risk	Non material
Alignment risk	High: TotalEnergies is a for-profit company and the generation of this impact is not locked into the company's business model and governance practices.
Endurance risk	Non material
Unexpected risk	Non material

Considered positive impacts

	SDG	12. Responsible consumption and production
	Target	12.6. Encourage companies, especially large and transnational companies, to adopt sustainable practices and to integrate sustainability information into their reporting cycle
	Outcome	Enabling companies to adopt sustainable practices and to integrate sustainability information into their reporting cycle

Activity

- GreenFlex subsidiary offering energy and environmental consulting and performance services to customers: enabling companies to adopt sustainable practices and reduce their environmental footprint by doing consulting on sustainability strategy consulting, energy performance management, responsible products creation, stakeholders relationships management

Criteria	Criteria justification(s)
✔ Activity actually delivered (vs. project or past activity)	Considered as positive impact, but lack of information to calculate % of activities
✔ Linked to SDG target	
✔ Reached threshold to be a positive impact vs a negative impact mitigation	
✔ Clear causal links between the activity and the intended positive outcome (Theory of Change)	
✘ Reached financial materiality (>0.01% of activities)	

Negative impact

Negative impact score 0 / 300

Actual negative impacts

	SDG	1. No poverty	Impact type
	Outcome	Repercussions on local communities	
	Company acknowledgement	Yes	

Activity generating negative impact Mitigated


- Oil and gas exploration and production activities having social and environmental impacts on communities including access to land issues, resettlement, economic dependency or pollution of habitat
- Chemicals manufacturing generating pollution, and hazardous waste releases that can have impacts on communities through pollution of habitat or health problems
- Lawsuit filed against the Company in the Paris court of justice in 2023 by two Yemeni citizens for failing to prevent one of its factories from being used as a detention center where human rights abuses were committed by Emirati forces in Yemen
- Allegation against the Company by French and Ugandan NGOs for failure to respect its duty of vigilance regarding the Tilenga and EACOP projects in Uganda and Tanzania, which would involve large-scale land expropriation and severe impacts on local biodiversity in 2022

Activity mitigating negative impact

- Dedicating a human rights department in charge of risk analysis, supervision and implementation of the human rights roadmap
 - Conducting ethics and human rights assessments including issues related to local communities of the Group's practices by independent third parties and qualified experts with action plans implementations based on results
 - Implementing a Human Rights training plan for all employees with a focus on categories of employees who are most exposed to human rights abuses risks related to local communities like in Tanzania and Zimbabwe subsidiaries
 - Implementing engagement plans in each E&P subsidiary and deploying Community Liaison Officers in certain exploration and production subsidiaries to consult local communities with a focus on most vulnerable groups
 - Deploying grievance mechanisms and analysis in some subsidiaries for residents and local communities
 - Conducting baseline study and social impact assessment to identify stakeholders potentially affected, local context and risks when developing industrial projects, with eventual specific human rights assessments in high-risk areas or conflict zones with the support of independent experts
-
- Implementing a Code of Conduct with provisions on Human Rights for all internal and external stakeholders with an Ethics Committee and a network of ethics officers to ensure implementation and receive concerns

Stakeholders

- Administration and governments
- Civil society
- Families / Households
- Indigenous populations

	SDG	3. Good health and well-being	Impact type
	Outcome	Air pollution	
	Company acknowledgement	Yes	

Activity generating negative impact Mitigated

- Emitting air pollutants during refining and processing and chemicals manufacturing, including nitrogen oxides (NOx), sulphur oxides (SOx), volatile organic compounds (VOC), particulate matter (PM), ozone (O3), and other hazardous air pollutants, such as hydrogen sulphide (H2S) and benzene (C6H6)
- Risk of fugitive emissions of air pollutants due to equipment leaks, evaporation losses, accidents, and equipment failure

Activity mitigating negative impact

- Designing new projects without routine flaring, and investing in new technologies and R&D to detect and avoid gas leaks and improve operations efficiency
- Identifying and reducing SO2 emissions that are likely to cause acid rain
- Using air pollution reduction systems for all wholly-owned refineries: impact assessments for new facilities, predictive emissions model, improvement of combustion process management, using low NOx burners and electrostatic scrubbers
- Implementing ISO 14001-certified environmental management systems (scope: 284 sites)

Stakeholders

- Planet
- Local ecosystems
- Inhabitants, neighbors



SDG

Outcome

Company acknowledgement

5. Gender Equality

Diversity and inclusion

Yes

Impact type

A

Activity generating negative impact

Mitigated


- Contributing to gender inequalities through the under-representation of women and potential gender pay gap in the company, and the lack of women in executive and managerial positions

Activity mitigating negative impact

- Implementing a diversity policy which is monitored by the Diversity and Inclusion Council, chaired by a member of the Company's Executive Committee, tasked with making recommendations
- Offering mentoring activities and development workshops through the TWICE (Total Women's Initiative for Communication and Exchange) network to help women advance within the Group, particularly into management roles, and assist them in their career development
- Adopting specific measures to prevent and compensate for discriminatory wage differentials since 2010: Regular audits are conducted during salary-raise campaigns to ensure equal pay among men and women holding positions with the same level of responsibility
- Training the company's recruitment teams on non-discrimination and distributing the internal guide entitled "Eliminating Discrimination from the Recruitment Process."
- Holding events for managers and employees designed to train, inform and raise awareness, including internal courses such as "Young Female Talents" and "How to Market Yourself."
- Partnering with France's Elles Bougent (Women on the Move) organization since 2011, throughout which female engineers and technicians from all backgrounds are encouraged to serve as role models for female high school and university students

Stakeholders

- Civil society
- Local communities
- Suppliers and distributors
- Women employees



SDG

Outcome

Company acknowledgement

6. Clean water and sanitation

Water pollution

Yes

Impact type

A

Activity generating negative impact

Mitigated

Polluting water sources through:


- Inefficient treatment of produced and wastewater, discharges, spills, leaks, contamination from drilling and hydraulic fracturing
- Processing of chemicals contaminating water effluents
- Total Petrochemicals and Refining USA: Settled with the state of Vermont in 2019 to pay USD 316.66 million to resolve allegations of water contamination related to the Company's petrochemical activities

Activity mitigating negative impact

- Implementing ISO 14001-certified environmental management systems (scope: 284 sites)
- Implementing a soil and groundwater depollution policy for operated decommissioned facilities with remediation operations carried out by company specialized entities to redevelop activities (solar, reforestation, etc.) and protect biodiversity
- Implementing best practices in engineering, operations, transport, maintenance to prevent spillages and leakages and managing contamination from activities with containment, reduction or disposal operations

Stakeholders

- Planet
- Local ecosystems
- Local communities



SDG

6. Clean water and sanitation

Outcome

Water withdrawal and consumption

Company acknowledgement

Yes

Impact type

A

Activity generating negative impact

Mitigated

Consuming water through:

- Development, extraction and processing of oil and gas: hydraulic fracturing and water flooding requiring freshwater

- Chemicals production: cooling and electricity production

- Activities conducted in high-vulnerability water-stressed areas

Activity mitigating negative impact

- Implementing ISO 14001-certified environmental management systems (scope: 284 sites)

- Improving water resources management depending on identified needs by adapting the priority sites' environmental management system


- Conducting diagnosis of sites/plants with water stress issues (using the WRI Aqueduct tool for identification and Local Water Tool (LWT) for Oil & Gas from the Global Environmental Management Initiative (GEMI) for management) and implementing solutions to minimize water withdrawal

Stakeholders

Planet

Local ecosystems

Local communities



SDG

7. Affordable and clean energy

Outcome

Energy consumption

Company acknowledgement

Yes

Impact type

A

Activity generating negative impact

Mitigated

- Enhancing energy efficiency of the Exploration & Production business line by reducing the quantity of gas its facilities use to produce the energy they need;- Refining and Chemicals segment investing in energy efficiency improvements between 2018 and 2025 through appropriate architectures, equipment and technological innovations like hat recovery systems;- Improving energy efficiency with ISO 50001 certification on most consuming sites;- Consuming significant amounts of energy through chemicals manufacturing activities with power processing units, cogeneration plants, machinery, and non-manufacturing facilities

Activity mitigating negative impact

- Implementing ISO 14001-certified environmental management systems (scope: 284 sites)

- Implementing a plan since 2022 to accelerate energy efficiency gains at its operated sites worldwide

- Increasing energy efficiency of operations in the Exploration & Production business line by reducing the quantity of gas its facilities use to produce the energy they need

- Increasing energy efficiency of operations in the Refining and Chemicals segment between 2018 and 2025 through appropriate architectures, equipment and technological innovations like heat recovery systems

- Implementation of an ISO 50001-certified energy management system on most consuming sites (scope: 27 sites)

Stakeholders


Planet

Local communities

Local ecosystems

8

DECENT WORK AND ECONOMIC GROWTH



SDG

Outcome

Company acknowledgement

8. Decent work and economic growth

Workers' health and safety

Yes

Impact type

A

Activity generating negative impact

Mitigated

- The oil and gas sector exposes workers to hazardous work conditions, long working hours in remote locations, major explosions, leaks and spills, mental health and substance abuse issues, and the chemicals sector too with exposure to toxic chemicals which all result in injuries, ill-health and fatalities

Activity mitigating negative impact

- Preventing occupational risks including psychosocial ones: formal medical monitoring procedure for each group entity, employee health observation committee, a medical advisory committee with external scientific experts and stakeholders

-Training all employees on safety and using knowledge assessment tools for managers, dedicating training depending on functions

- Implementing a road transport policy to reduce the number of accidents: awareness campaign, fatigue detection systems, an inspection of contractors practices and processes by independent experts

- Implementing ISO 45001 Health Safety and Environment frameworks regularly updated and audited at least every 5 years

Stakeholders

Sub-contractors


Contractors

Vulnerable groups

Vulnerable groups

8

DECENT WORK AND ECONOMIC GROWTH



SDG

Outcome

Company acknowledgement

8. Decent work and economic growth

Poor labour and working conditions

Yes

Impact type

Z

Activity generating negative impact

Mitigated

- Contributing to poor labour and working conditions, such as forced labour through its supply chain activities in high-risk countries

- SunPower Corporation: Report published by the Sheffield Hallam University in 2021 alleging that Sunpower Corporation's supply chain is linked to the forced labour of Uyghur Muslims in the Xinjiang region in China

Activity mitigating negative impact

- Implementing Fundamental principles of purchasing, conducting supplier risks assessments with a targeted annual plan for high-risk countries and audits by an independent external service to ensure the respect of human rights at work for suppliers (scope: unknow)

- Ensuring that employees are above minimum local wage in areas without appropriate labour laws

- Implementing a Human Rights training plan for all employees with a focus on categories of employees who are most exposed to human rights abuses risks related to local communities like in Tanzania and Zimbabwe subsidiaries

- Conducting Human Rights impact assessments in high-risk areas with independent experts

- Assessing the working conditions of entities and group-branded service station dealers by an independent third party

- Dedicating a human rights department in charge of risk analysis, supervision and implementation of the human rights roadmap

- Implementing a Code of Conduct with provisions on the respect of labor rights for all internal and external stakeholders with an Ethics Committee and a network of ethics officers to ensure implementation and receive concerns

Stakeholders

Local communities

Sub-contractors

Contractors

Vulnerable groups

Vulnerable groups

12

RESPONSIBLE CONSUMPTION AND PRODUCTION

SDG

Outcome

Company acknowledgement

12. Responsible consumption and production

Product or service lifecycle management

Yes

Impact type

A

Activity generating negative impact

Mitigated

Causing environmental impacts through the product's lifecycle:

- Production, use and end-of-life of petrochemicals products including plastic generate GHG emissions, air pollution, energy consumption and waste

- Oil and gas production and use generate GHG emissions and air pollution

Activity mitigating negative impact

- Using a criterion dedicated to the circular economy into the company's purchases

- Operating a recycled and biodegradable bioplastics manufacturing plant with Total Corbian PLA subsidiary in Thailand

- Developing innovative chemical recycling process with a consortium of actors in the food processing sector to recycle complex packaging

- Producing recycled and bioplastic products through technology such as mechanical recycling and chemical recycling

- Ecodesigning products through Total Ecosolutions program and label

Stakeholders

Civil society

Planet

Planet

Local communities

12

RESPONSIBLE CONSUMPTION AND PRODUCTION

SDG

Outcome

Company acknowledgement

12. Responsible consumption and production

Communication and selling practices

Yes

Impact type

Z

Activity generating negative impact

Mitigated

- Conducting misleading communication practices regarding the contribution of the Company to climate change

- Potential risk of contributing to false or incorrect labelling of petroleum and chemical products about their toxicity or dangerousness that can generate a negative impact on human health

- Allegations against the Company by the United Nations for voluntarily hiding TotalEnergies' impact on the planet and its contribution to climate change since the 1970s

- Lawsuit filed against the company in the legal tribunal in 2022 by Greenpeace France, Amis de la Terre France, Notre Affaire à Tous, and ClientEarth for greenwashing and misleading commercial practices regarding its carbon emission reduction targets in France

Activity mitigating negative impact

- Employing product managers ensuring compliance of petroleum and chemical products during marketing release

- Monitoring scientific and regulatory developments to update data sheets on products

- Using teams of regulatory experts, toxicologists and ecotoxicologists within the Refining & Chemicals and Marketing & Services segments of the Group for petroleum products and chemicals risk identification and information communication to consumers


Stakeholders

Civil society

Administration and governments

Consumers

Clients



SDG

Outcome

Company acknowledgement

12. Responsible consumption and production

Waste generation and hazardous materials management

Yes

Impact type

A

Activity generating negative impact

Mitigated

- Generating hazardous waste through oil and gas exploration and production activities (particularly from drilling) as well as from manufacturing activities (particularly from processing and pollution-control equipment for Chemicals): those wastes include trapped gas, residual oils, fuels and chemicals

- Generating non-hazardous waste from the activities mentioned above and through plastic production: plastic pellets and rock and salt from excavation

Activity mitigating negative impact

- Implementing ISO 14001-certified environmental management systems (scope: 284 sites)

- Implementing a waste management process: identification, storage, traceability and treatment under each site responsibility

- Reusing products for a similar purpose, recycling residual waste, recovering energy from non-recycled products when possible


- Implementing processes designed to reduce and minimize the waste produced: for example CleanSweep program aims to achieve zero loss of plastics pellets during operations in all refining and chemicals segments

Stakeholders

Planet

Local ecosystems

Local communities



SDG

Outcome

Company acknowledgement

13. Climate action

Greenhouse gas emissions

Yes

Impact type

Z

Activity generating negative impact

Mitigated

Emitting greenhouse gases through direct and indirect activities:

- Scope 1: direct emissions from direct fuel combustion, process emissions, fugitive emissions (leaks), flaring and venting

- Scope 2: indirect emissions from electricity consumption (transport, extraction, facilities, oil refining, treatment LNG)

- Scope 3: indirect emissions from the use of sold products, especially fossil fuels

- Shareholder resolution filed against the company in 2023, calling for TotalEnergies to improve its climate strategy specifically regarding its scope 3 GHG emissions, following activist group demands in 2023

- Allegations against the Company by NGOs in 2021 for using palm oil at its La Mède biorefinery without properly assessing underlying environmental and climate risks

- Lawsuit filed against TotalEnergies by local authorities and environmental associations in 2020 for climate inaction and failing to comply with its duty of care in France

Activity mitigating negative impact

- Designing new projects without routine flaring, and investing in new technologies and R&D to detect and avoid gas leaks and improve operations efficiency

- Implementing an action program at the Company's facilities to reduce methane emissions targeting venting, flaring, fugitive emissions and incomplete combustion (scope: unknown)

- Offsetting a part of the carbon footprint through Nature-Based Solutions carbon credits

- Reducing the share of petroleum products in its sales mix, from 65% in 2015 to 41% in 2022


- Implementing a " CO2 Fighters" GHG emission reduction team across the company, tasked at initiating energy efficiency projects, accelerating the electrification process at facilities and helping to introduce greener forms of energy consumption

- Developing low-carbon products with a lower carbon footprint during the use-phase with the Total Ecosolutions labelled products

- Implementing ISO 14001-certified environmental management systems (scope: 284 sites)

Stakeholders

Planet



SDG

Outcome

Company acknowledgement

15. Life on Land

Biodiversity loss and ecosystem degradation

Yes

Impact type

A

Activity generating negative impact

Mitigated


- Impacting ecosystems and biodiversity through company activities:
- Onshore upstream and midstream activities generating oil and oil product spills harming local terrestrial and aquatic ecosystems
 - Onshore installation affecting landscapes and areas rich in biodiversity
 - Offshore activities generating spills and risk of ocean noise
 - Chemicals manufacture posing a risk of water and soil contamination and hazardous waste releases

Activity mitigating negative impact

- Implementing various biodiversity related R&D programmes such as the development of UNEP WCMC biodiversity impact indicators methodology or a decision-support tool for actions based on the Avoid-Reduce-Offset approach
- Developing a tool for the screening of marine biodiversity sensitivities in partnership with Oxford University and Equinor
- Developing biodiversity action plans for production sites located in IUCN protected areas category I or IV or a Ramsar site
- Conducting ecosystems and biodiversity impact assessments for new facilities located in IUCN protected areas category I or IV or a Ramsar site and implementing measures to protect biodiversity

Stakeholders

- Planet
- Indigenous populations
- Vulnerable groups
- Local ecosystems



SDG

Outcome

Company acknowledgement

16. Peace, justice and strong institutions

Unethical business conducts

Yes

Impact type

Z

Activity generating negative impact

Mitigated

- Risk of contributing to unethical business practices such as corruption or involvement in conflict zones as the Group is present in more than 130 countries, some of which have a high perceived level of corruption according to the index drawn up by Transparency International
- Company admitted to wrongdoing in 2022 for financing Burmese junta with offshore accounts during more than 20 years, before withdrawing all their activities from Myanmar in 2021


Activity mitigating negative impact

- Applying disciplinary action, up to dismissal, for any infringement of the anti-corruption standards
- Implementing the Code of Conduct, prohibiting corruption, which is complemented by a regularly updated set of anti-corruption standards
- Offering an anti-corruption e-learning course for targeted personal and new hires as well as providing targeted training courses to functions viewed as highly exposed
- Conducting anti-corruption due diligence before business relations with third parties
- Assessing corruption risks with specific risk mapping rules
- Implementing a mechanism to report code of conduct violations to the manager, human resources, the Compliance Officers or Ethics Officers, or the Group Ethics Committee in respect to confidentiality
- Implementing an anti-corruption compliance program with a dedicated department coordinating officers in charge of rolling out the program at the subsidiary level with a dedicated reporting line

Stakeholders

- Customers
- Local communities
- Competitors
- Employees

Potential negative impacts

	SDG	12. Responsible consumption and production	Impact type <div>A</div>
	Outcome	Critical incidents and systemic risk management	
	Company acknowledgement	Yes	

Activity generating negative impact Mitigated


- Potential risk of generating severe consequences by handling chemicals and high-risk security sites, concerning potential explosion, fires or travel or equipment accidents

Activity mitigating negative impact

- Implementing a global crisis management system based on an on-call system available at all times with a dedicated crisis management center and interventions teams that practice regularly based on scenario analyses
- Using a training program for the management of major accident risks with on-site training for operating teams
- Developing an Incident Management System (IMS) in exploration and production subsidiaries which includes training and exercise
- Implementing an accidental risks management system including design of facilities, maintenance and accidents management, inspections, regular audits and a global crisis management system dedicated to major industrial incidents
- Implementing major industrial accident risks policy: incident scenarios analysis every 5 years to prevent and mitigate, and sites studies every year

Stakeholders

- Planet
- Administration and governments
- Civil society

	SDG	16. Peace, justice and strong institutions	Impact type <div>A</div>
	Outcome	Anti-competitive practices	
	Company acknowledgement	Yes	

Activity generating negative impact Mitigated

- Potential risk of anti-competitive behaviour as the company is active in the oil and gas sector, a sector subject to risks of collusion between potential competitors to limit the effects of market competition

Activity mitigating negative impact


- Implementation of a policy to prevent competition law infringement with training courses

Stakeholders

- Customers
- Local communities
- Administration and governments
- Competitors

Impact results

Maximizing positive impact (9)


	SDG	7. Affordable and clean energy	
	Outcomes covered	Increase in access to affordable, reliable and modern energy services for all Increase in the use and production of renewable energy in the energy mix	
	Total indicators	6	

1	Associated outcome	Increase in access to affordable, reliable and modern energy services for all		
	Indicator	Number of solar lamps and kits distributed since 2010		
	Progression towards threshold or objective	5,000,000 (+19.05%) Outcome 2022		
		<div><div></div></div> <div>4,200,000 Baseline 2021</div>		
2	Associated outcome	Increase in the use and production of renewable energy in the energy mix		
	Indicator	Total renewable energy production (short-term objective)		
	Proaression towards threshold	33.00 TWh (+57.14%)		

	Progression towards threshold or objective		Outcome 2022	
		21.00 TWh Baseline 2021		50.0 TWh Objective
3	Associated outcome	Increase in the use and production of renewable energy in the energy mix		
	Indicator	Gross renewable power generation capacity (short-term objective)		
	Progression towards threshold or objective		17.00 GW (+70.00%) Outcome 2022	
		10.00 GW Baseline 2021		35.0 GW Objective
4	Associated outcome	Increase in the use and production of renewable energy in the energy mix		
	Indicator	Gross renewable power generation capacity		
	Progression towards threshold or objective		17.00 GW (+70.00%) Outcome 2022	
		10.00 GW Baseline 2021		100.0 GW Objective
5	Associated outcome	Increase in the use and production of renewable energy in the energy mix		
	Indicator	Total renewable energy production		
	Progression towards threshold or objective		33.00 TWh (+57.14%) Outcome 2022	
		21.00 TWh Baseline 2021		130.0 TWh Objective
6	Associated outcome	Increase in access to affordable, reliable and modern energy services for all		
	Indicator	Cumulative number of people that have now access to energy		
	Progression towards threshold or objective		22,000,000 (+15.79%) Outcome 2022	
		19,000,000 Baseline 2021		25,000,000.0 Objective

13

CLIMATE ACTION



SDG

Outcomes covered

Total indicators

13. Climate action


Reduction of greenhouse gas emissions

1

1	Associated outcome	Reduction of greenhouse gas emissions		
	Indicator	Number of EV charging points		
	Progression towards threshold or objective		42,000 (+61.54%) Outcome 2022	
		26,000 Baseline 2021		N/A Objective

12

RESPONSIBLE CONSUMPTION AND PRODUCTION



SDG

Outcomes covered

Total indicators

12. Responsible consumption and production

Improvement and increase in support to the circular economy

2


1	Associated outcome	Improvement and increase in support to the circular economy		
	Indicator	Total biofuels production		

	Progression towards threshold or objective	1.00 Mt (0.00%) Outcome 2022	
		1.00 Mt Baseline 2021	2.0 Mt Objective
2	Associated outcome	Improvement and increase in support to the circular economy	
	Indicator	Total biogas production	
	Progression towards threshold or objective	1.00 TWh (0.00%) Outcome 2022	
		1.00 TWh Baseline 2021	20.0 TWh Objective

Reducing negative impact (42)

13

CLIMATE ACTION



SDG

Outcomes covered

Total indicators

13. Climate action

Greenhouse gas emissions

12

1	Associated outcome	Greenhouse gas emissions	
	Indicator	Total Scope 1 & 2 (market-based) GHG emissions	
	Progression towards threshold or objective	40.00 MtCO2eq (+8.11%) Outcome 2022	
		37.00 MtCO2eq Baseline 2021	38.0 MtCO2eq Objective
2	Associated outcome	Greenhouse gas emissions	
	Indicator	Methane emissions (short-term objective)	
	Progression towards threshold or objective	42.00 kt (-34.38%) Outcome 2022	
		64.00 kt Baseline 2020	32.0 kt Objective
3	Associated outcome	Greenhouse gas emissions	
	Indicator	Methane emissions	
	Progression towards threshold or objective	42.00 kt (-34.38%) Outcome 2022	
		64.00 kt Baseline 2021	13.0 kt Objective
4	Associated outcome	Greenhouse gas emissions	
	Indicator	Carbon intensity of energy products used by the customers - per MJ (short-term objective)	
	Progression towards threshold or objective	88.00 gCO2eq (-12.00%) Outcome 2022	
		100.00 gCO2eq Baseline 2015	85.0 gCO2eq Objective
5	Associated outcome	Greenhouse gas emissions	
	Indicator	Carbon intensity of energy products used by the customers - per MJ	
	Progression towards threshold or objective	88.00 gCO2eq (-12.00%) Outcome 2022	
		100.00 gCO2eq Baseline 2015	75.0 gCO2eq Objective
6	Associated outcome	Greenhouse gas emissions	

	Indicator	Intensity of Scope 1 and 2 emissions of operated upstream oil & gas activities - per boe		
	Progression towards threshold or objective	17.00 kgCO2eq (0.00%) Outcome 2022		
		17.00 kgCO2eq Baseline 2021		N/A Objective
7	Associated outcome	Greenhouse gas emissions		
	Indicator	Scope 1 GHG emissions		
	Progression towards threshold or objective	37.00 MtCO2eq (+8.82%) Outcome 2022		
		34.00 MtCO2eq Baseline 2021		N/A Objective
8	Associated outcome	Greenhouse gas emissions		
	Indicator	Scope 2 GHG emissions		
	Progression towards threshold or objective	2.00 MtCO2eq (0.00%) Outcome 2022		
		2.00 MtCO2eq Baseline 2021		N/A Objective
9	Associated outcome	Greenhouse gas emissions		
	Indicator	Scope 3 GHG emissions - from petroleum products (short-term objective)		
	Progression towards threshold or objective	254.0 MtCO2eq (-27.43%) Outcome 2022		
		350.0 MtCO2eq Baseline 2021	245.0 MtCO2eq	Objective
10	Associated outcome	Greenhouse gas emissions		
	Indicator	Scope 3 GHG emissions - from petroleum products		
	Progression towards threshold or objective	254.0 MtCO2eq (-27.43%) Outcome 2022		
		350.0 MtCO2eq Baseline 2021	210.0 MtCO2eq	Objective
11	Associated outcome	Greenhouse gas emissions		
	Indicator	Scope 3 GHG emissions (short-term objective)		
	Progression towards threshold or objective	389.0 MtCO2eq (-5.12%) Outcome 2022		
		410.0 MtCO2eq Baseline 2021	400.0 MtCO2eq	Objective
12	Associated outcome	Greenhouse gas emissions		
	Indicator	Scope 3 GHG emissions		
	Progression towards threshold or objective	389.0 MtCO2eq (-5.12%) Outcome 2022		
		410.0 MtCO2eq Baseline 2021	400.0 MtCO2eq	Objective

3

GOOD HEALTH AND WELL-BEING

SDG

Outcomes covered

Total indicators

3. Good health and well-being

Air pollution

3

1	Associated outcome	Air pollution
	Indicator	Sulfur dioxide (SO2) emissions
	Progression towards threshold or objective	13.00 kt (-77.97%) Outcome 2022
		<div><div></div></div>
		59.00 kt Baseline 2021
		15.0 kt Objective
2	Associated outcome	Air pollution
	Indicator	Nitrogen oxide (NOx) emissions
	Progression towards threshold or objective	60.00 kt (+1.69%) Outcome 2022
		<div><div></div></div>
		59.00 kt Baseline 2021
		N/A Objective
3	Associated outcome	Air pollution
	Indicator	Non-Methane Volatile Organic Compounds (NMVOC) emissions
	Progression towards threshold or objective	48.00 kt (-17.24%) Outcome 2022
		<div><div></div></div>
		58.00 kt Baseline 2021
		N/A Objective

7

AFFORDABLE AND CLEAN ENERGY

SDG

Outcomes covered

Total indicators

7. Affordable and clean energy

Energy consumption

2

1	Associated outcome	Energy consumption
	Indicator	Net primary energy consumption
	Progression towards threshold or objective	166.0 TWh (+12.16%) Outcome 2022
		<div><div></div></div>
		148.0 TWh Baseline 2021
		N/A Objective
2	Associated outcome	Energy consumption
	Indicator	Group energy efficiency indicator (GEEI) - Index - Base 100
	Progression towards threshold or objective	85.10 % (-1.90% point) Outcome 2022
		<div><div></div></div>
		87.00 % Baseline 2021
		N/A Objective

6

CLEAN WATER AND SANITATION

SDG

Outcomes covered

Total indicators

6. Clean water and sanitation

Water pollution Water withdrawal and consumption

6

1	Associated outcome	Water withdrawal and consumption
	Indicator	Fresh water withdrawals excluding cooling water
	Progression towards threshold or objective	107.0 m³ (+5.94%) Outcome 2022
		<div><div></div></div>
		101.0 m³ Baseline 2021
		81.0 m³ Objective

2	Associated outcome	Water withdrawal and consumption
	Indicator	Fresh water consumption
	Progression towards threshold or objective	80.00 m³ (+6.67%) Outcome 2022
		<div><div></div></div>
		75.00 m³ Baseline 2021
		N/A Objective
3	Associated outcome	Water withdrawal and consumption
	Indicator	Fresh water withdrawal in water stress area
	Progression towards threshold or objective	55.00 m³ (+1.85%) Outcome 2022
		<div><div></div></div>
		54.00 m³ Baseline 2021
		N/A Objective
4	Associated outcome	Water pollution
	Indicator	Hydrocarbon content of offshore continuous water discharges
	Progression towards threshold or objective	12.90 mg/L (-5.84%) Outcome 2022
		<div><div></div></div>
		13.70 mg/L Baseline 2021
		N/A Objective
5	Associated outcome	Water pollution
	Indicator	Share of sites that meet the target for the quality of offshore discharges
	Progression towards threshold or objective	93.00 % (+1.00% point) Outcome 2022
		<div><div></div></div>
		92.00 % Baseline 2021
		N/A Objective
6	Associated outcome	Water pollution
	Indicator	Hydrocarbon content of onshore continuous water discharges
	Progression towards threshold or objective	1.80 mg/L (-30.77%) Outcome 2022
		<div><div></div></div>
		2.60 mg/L Baseline 2021
		1.0 mg/L Objective

12

RESPONSIBLE CONSUMPTION AND PRODUCTION

SDG

Outcomes covered

Total indicators

12. Responsible consumption and production

Waste generation and hazardous materials management

7

1	Associated outcome	Waste generation and hazardous materials management
	Indicator	Total weight of non-hazardous waste generated
	Progression towards threshold or objective	322.0 kt (-3.88%) Outcome 2022
		<div><div></div></div>
		335.0 kt Baseline 2021
		N/A Objective
2	Associated outcome	Waste generation and hazardous materials management
	Indicator	Total weight of non-hazardous waste reused
	Progression towards threshold or objective	204.0 kt (-0.97%) Outcome 2022
		<div><div></div></div>
		206.0 kt
		42 N/A

		Baseline 2021	Objective
3	Associated outcome	Waste generation and hazardous materials management	
	Indicator	Total weight of hazardous waste generated	
	Progression towards threshold or objective	176.0 kt (+6.67%) Outcome 2022	
		<div><div></div></div>	
		165.0 kt Baseline 2021	N/A Objective
4	Associated outcome	Waste generation and hazardous materials management	
	Indicator	Total weight of hazardous waste reused	
	Progression towards threshold or objective	98.00 kt (0.00%) Outcome 2022	
		<div><div></div></div>	
		98.00 kt Baseline 2021	N/A Objective
5	Associated outcome	Waste generation and hazardous materials management	
	Indicator	Share of waste reused	
	Progression towards threshold or objective	61.00 % (0.00% point) Outcome 2022	
		<div><div></div></div>	
		61.00 % Baseline 2021	104.0 % Objective
6	Associated outcome	Waste generation and hazardous materials management	
	Indicator	Share of waste disposed in landfill	
	Progression towards threshold or objective	12.00 % (-4.00% point) Outcome 2022	
		<div><div></div></div>	
		16.00 % Baseline 2021	N/A Objective
7	Associated outcome	Waste generation and hazardous materials management	
	Indicator	Share of waste disposed in other ways (incineration, biotreatment, etc)	
	Progression towards threshold or objective	27.00 % (+4.00% point) Outcome 2022	
		<div><div></div></div>	
		23.00 % Baseline 2021	N/A Objective

8

DECENT WORK AND ECONOMIC GROWTH

SDG

Outcomes covered

Total indicators

8. Decent work and economic growth

Poor labour and working conditions Workers' health and safety

6

1	Associated outcome	Poor labour and working conditions	
	Indicator	Share of of employees receiving a direct salary that exceeds the living wage in the country or region in which they work	
	Progression towards threshold or objective	100.00 % (+2.00% point) Outcome 2022	
		<div><div></div></div>	
		98.00 % Baseline 2021	100.0 % Objective
2	Associated outcome	Workers' health and safety	
	Indicator	Total Recordable Incident Rate (TRIR)	

	Progression towards threshold or objective	0.67 (-8.22%) Outcome 2022	
		0.73 Baseline 2021	1.0 Objective
3	Associated outcome	Workers' health and safety	
	Indicator	Total number of fatal accidents	
	Progression towards threshold or objective	3.00 (+200.0%) Outcome	
		1.00 Baseline	N/A Objective
4	Associated outcome	Workers' health and safety	
	Indicator	Lost Time Injury Frequency Rate (LTIFR)	
	Progression towards threshold or objective	0.45 (-6.25%) Outcome 2022	
		0.48 Baseline 2021	N/A Objective
5	Associated outcome	Workers' health and safety	
	Indicator	Number of day lost due to accidents at work per million hours worked	
	Progression towards threshold or objective	15.00 (0.00%) Outcome 2022	
		15.00 Baseline 2021	N/A Objective
6	Associated outcome	Workers' health and safety	
	Indicator	Number of severe road accidents	
	Progression towards threshold or objective	15.00 (-28.57%) Outcome 2022	
		21.00 Baseline 2021	N/A Objective

5

GENDER EQUALITY

SDG

Outcomes covered

Total indicators

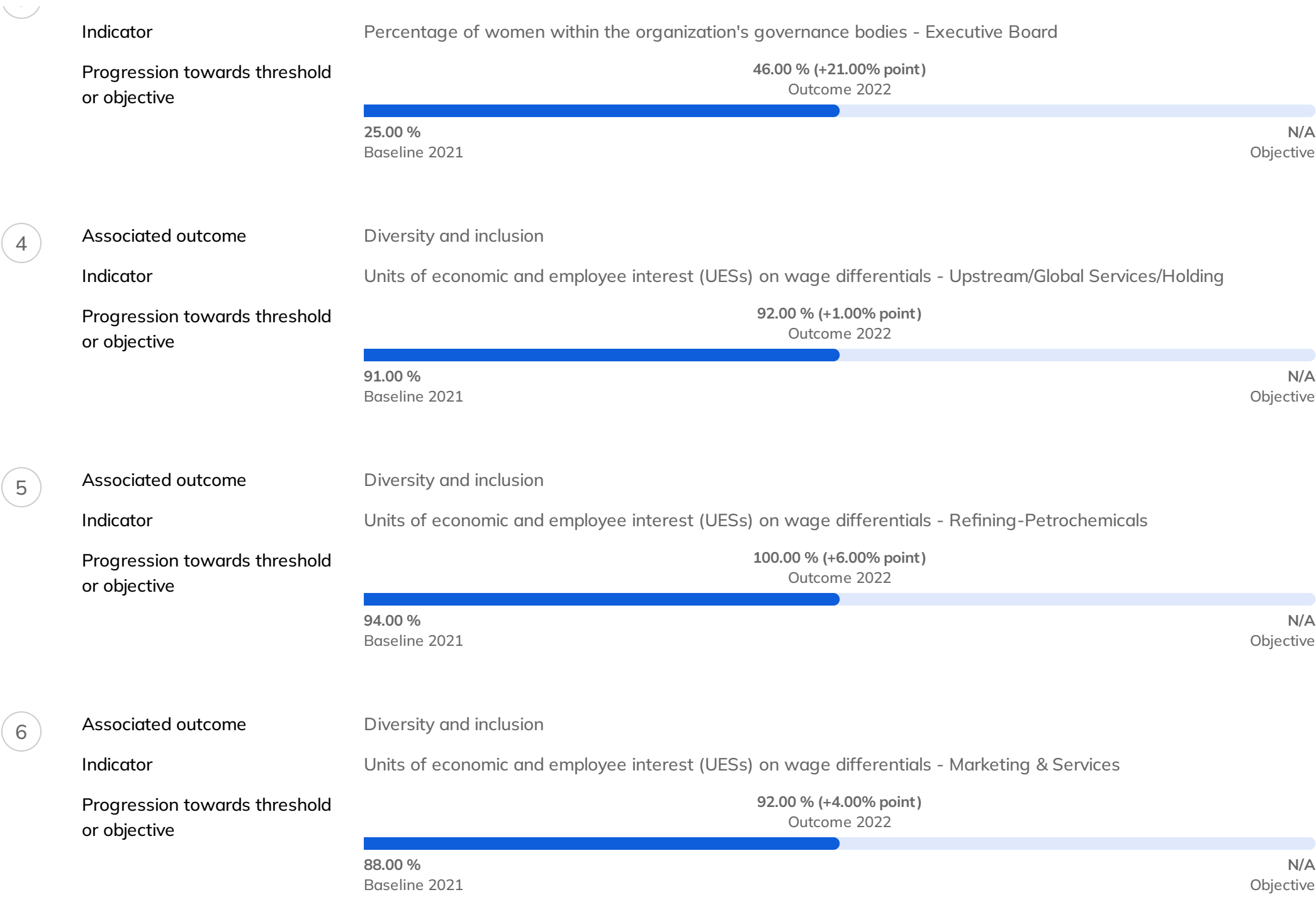
5. Gender Equality

Diversity and inclusion

6

1	Associated outcome	Diversity and inclusion	
	Indicator	Percentage of women per employee category - total workforce	
	Progression towards threshold or objective	36.30 % (+0.50% point) Outcome 2022	
		35.80 % Baseline 2021	N/A Objective
2	Associated outcome	Diversity and inclusion	
	Indicator	Percentage of women per employee category - management position	
	Progression towards threshold or objective	31.50 % (+1.30% point) Outcome 2022	
		30.20 % Baseline 2021	N/A Objective


3	Associated outcome	Diversity and inclusion
---	--------------------	-------------------------



impak SDG Alignment

The impak SDG Alignment map (iSA) assesses the full scope of potential positive and negative impacts generated by company activities on the 17 UN Sustainable Development Goals (SDGs). iSA covers the significant SDG contributions of an organization throughout its entire value chain through a life-cycle approach, analyzing its operations, products and services, and supply chain.

iSA is designed to help businesses and financial institutions gauge their potential impacts or the potential impacts of their portfolio on the SDGs, report on the SDGs, as well as identify and select companies based on the potential positive impacts they aim to generate. iSA is the first step towards a complete impact assessment (iS).

Download full iSA methodology 

TotalEnergies is among the world's ten largest integrated oil and gas producers and the world's second liquefied natural gas operator. In addition to fuels and natural gas, it produces and markets electricity. In 2022, TotalEnergies generated \$280,999 million in revenue, employed 101,279 people worldwide and produced 2.7 million BOE of hydrocarbons per day on average. TotalEnergies has a major position in France and in European financial markets as it is one of the top companies in the CAC 40 and the Euro Stoxx 50 indexes.

The company currently generates positive contributions to SDGs: 7. Affordable and clean energy, 12. Responsible consumption and production and 13. Climate action through:

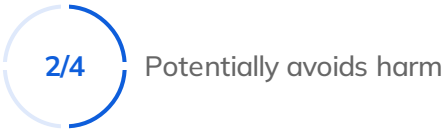
- developing a range of decentralized solutions to meet the energy needs of people in emerging countries by improving accessibility: distribution of lamps and solar kits to low-income and off-grid customers, incubation of projects in decentralized off-grid distribution;
- manufacture of energy efficiency equipment for buildings and professional services related to the energy performance of buildings;
- contributing to the deployment of renewable energy in the energy mix by producing and distributing electricity from renewables: wind, solar, and hydroelectric assets, installing and maintaining renewable energy technology, manufacturing batteries and conducting electricity storage ;
- production of heat and cool using waste heat, anaerobic digestion of bio-waste, landfill gas capture and utilization and manufacture of biogas and biofuels for use in transport from circular feedstocks;
- and infrastructure enabling low-carbon road and public transport and installation, maintenance and repair of charging stations for electric vehicles and manufacture of low-carbon technologies for transport.

TotalEnergies also has a considered positive contribution to SDG 12. Responsible consumption and production.

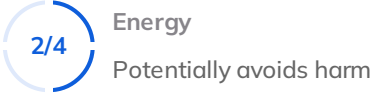
Conversely, TotalEnergies contributes negatively to 10 SDGs. Nevertheless, the company has mitigation activities for all of them.

The Potential Impact Indicator is “Potentially Avoids Harm” as the Company has retained positive SDG contributions that represent 1% or less of its activities and has mitigation activities in place for all of its negative SDG contributions.

Potential impact indicator

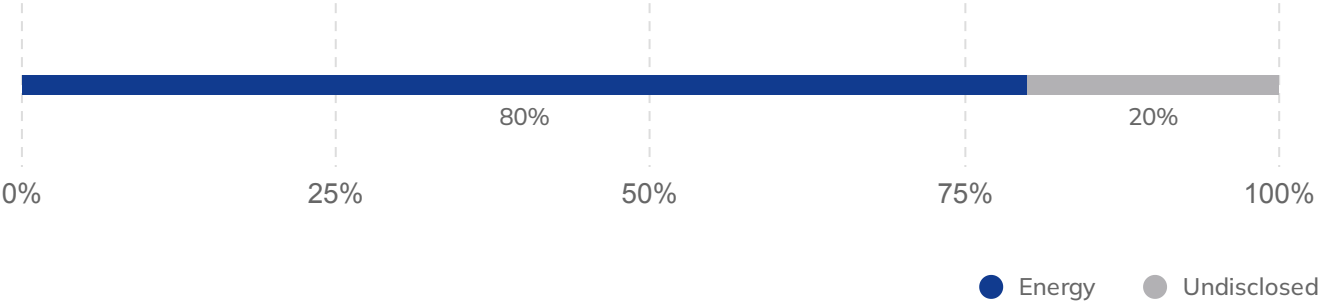


Potential impact indicator benchmark



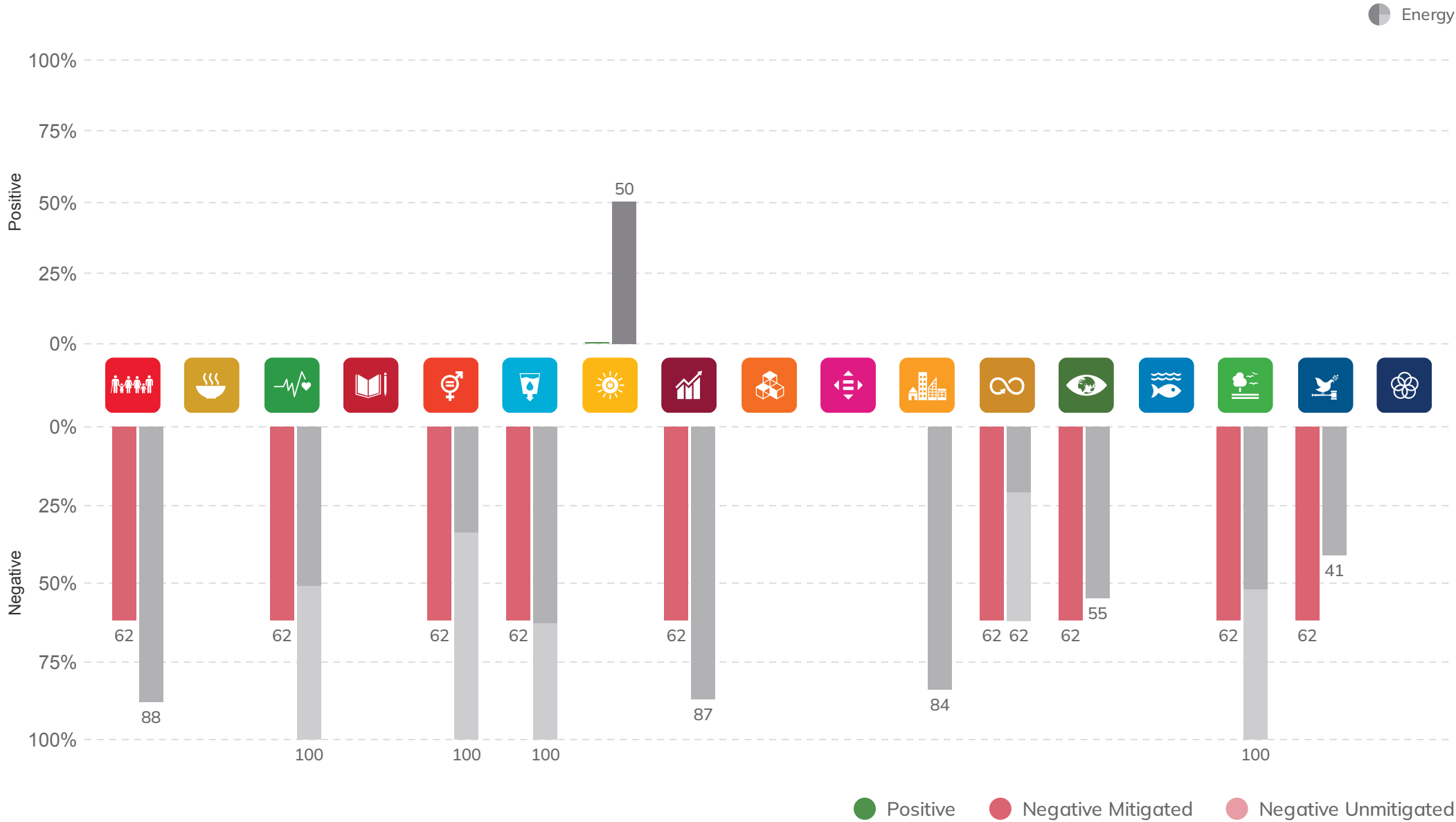
Sector exposure

Percentage of revenue of main sectors of activities



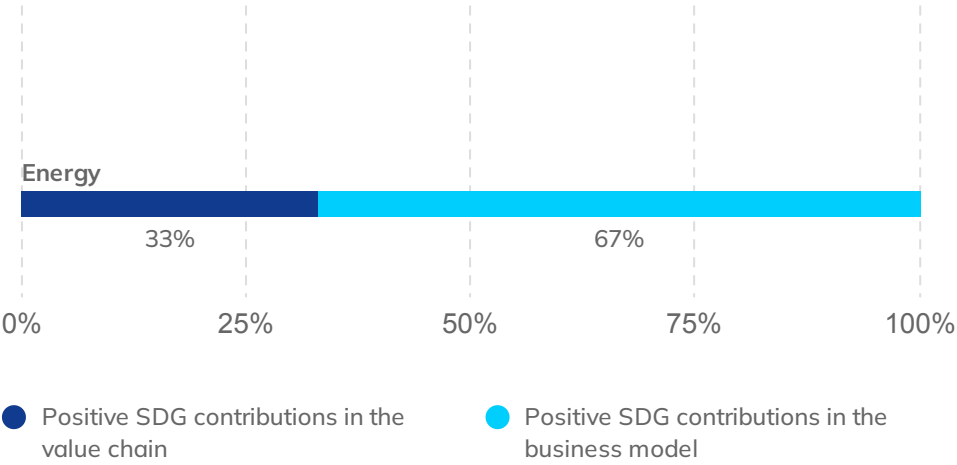
SDG alignment

Positive and negative contributions to the 17 United Nations SDGs generated by the company’s activities. This chart includes retained positive contributions to the SDGs, as well as negative contributions.



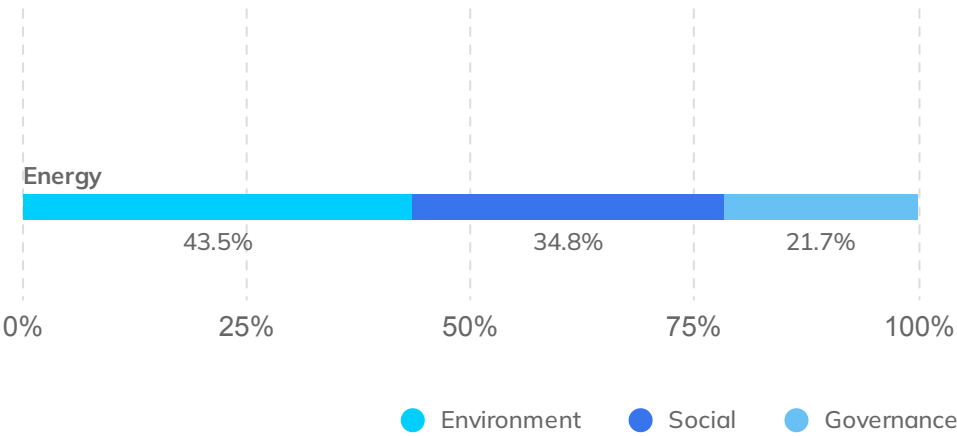
Positive SDG contributions by type of strategy

Distribution of the positive SDG contributions along the value chain (not generating a turnover) or integrated within the business model of the company (generating a turnover). This chart includes retained positive contributions to the SDGs, as well as considered positive contributions to the SDGs that were not retained that did not meet the financial materiality criteria.



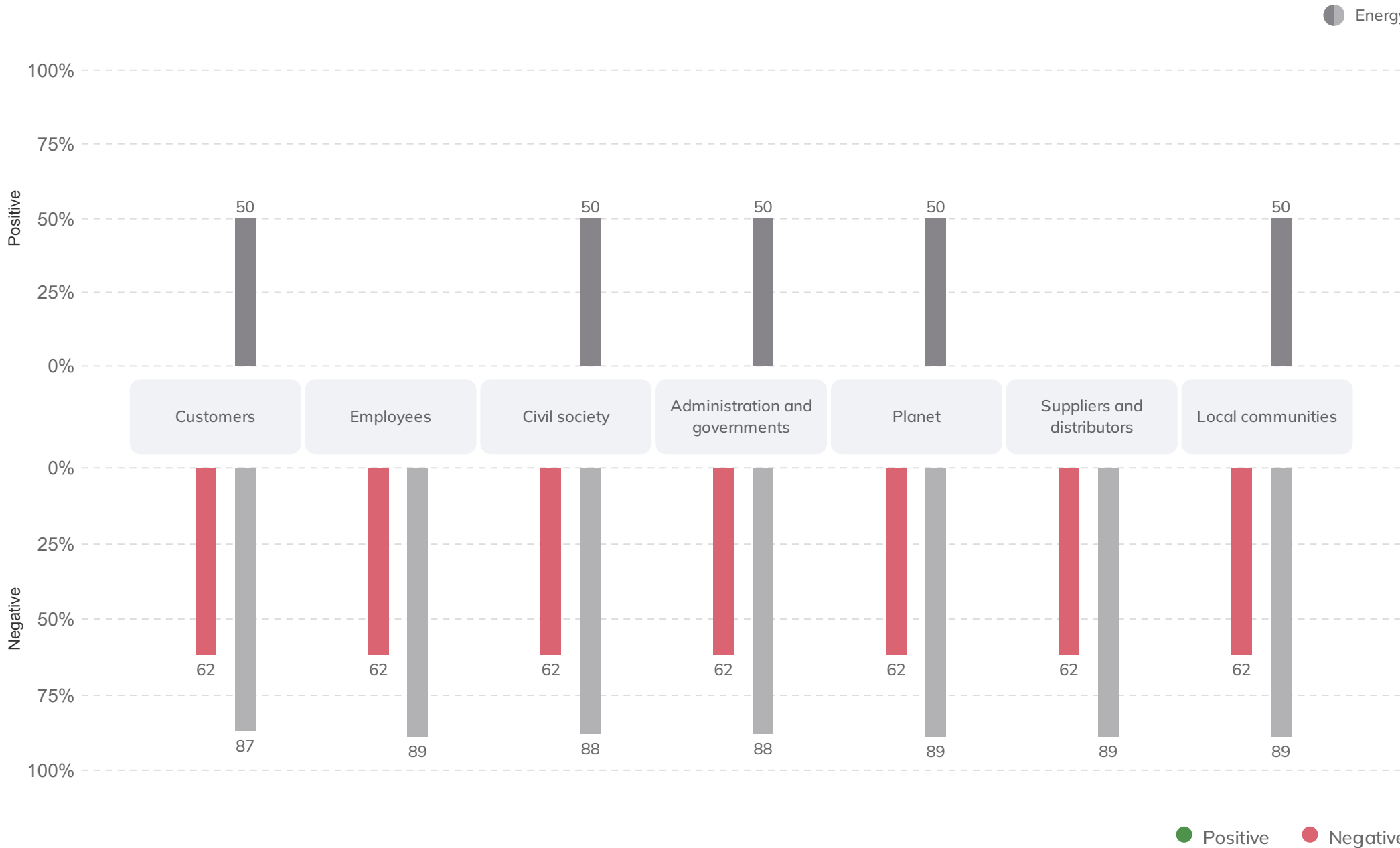
Negative SDG contributions by ESG outcome

Breakdown of negative SDG contributions by outcome type: environment, social, or governance




Stakeholders affected by positive and negative SDG contributions

Breakdown of positive and negative SDG contributions by stakeholder affected. This chart includes retained positive and negative contributions to the SDGs.




The **impak** SDG Alignment map (iSA) assesses the full scope of **potential** positive and negative **impacts** generated by company activities on the 17 UN Sustainable Development Goals (SDGs). iSA covers the significant SDG **contributions** of an organization throughout its entire value chain through a life-cycle approach, analyzing its operations, products and services, and supply chain.

iSA is designed to help businesses and financial institutions gauge their potential impacts or the potential impacts of their portfolio on the SDGs, report on the SDGs, as well as identify and select companies based on the potential positive impacts they aim to generate. iSA is the first step towards a complete impact assessment (iS).

Download full iSA methodology 

Positive SDG contributions

Retained positive contribution



SDG

Target

Outcome

12. Responsible consumption and production

12.5. By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse

Improvement and increase in support to the circular economy

Activity


- Production of heat and cool using waste heat, anaerobic digestion of bio-waste, landfill gas capture and utilization and manufacture of biogas and biofuels for use in transport from circular feedstocks

Part of activities addressing SDG

1%

Stakeholders

- Planet
- Planet



SDG

7. Affordable and clean energy

Target

7.1. By 2030, ensure universal access to affordable, reliable and modern energy services

Outcome

Increase in access to affordable, reliable and modern energy services for all

Activity

- Developing a range of decentralized solutions to meet the energy needs of people in emerging countries by improving accessibility: distribution of lamps and solar kits to low-income and off-grid customers, incubation of projects in decentralized off-grid distribution

Part of activities addressing SDG


1%

Stakeholders

Civil society

Local communities

Customers



SDG

7. Affordable and clean energy

Target

7.3. By 2030, double the global rate of improvement in energy efficiency

Outcome

Improvement of energy efficiency

Activity

- Manufacture of energy efficiency equipment for buildings and professional services related to the energy performance of buildings


Part of activities addressing SDG

1%

Stakeholders

Planet

Customers



SDG

13. Climate action

Target

13.2. Integrate climate change measures into national policies, strategies and planning

Outcome

Reduction of greenhouse gas emissions

Activity


- Infrastructure enabling low-carbon road and public transport and installation, maintenance and repair of charging stations for electric vehicles and manufacture of low-carbon technologies for transport

Part of activities addressing SDG

1%

Stakeholders

Planet



SDG

7. Affordable and clean energy

Target

7.2. By 2030, increase substantially the share of renewable energy in the global energy mix

Outcome

Increase in the use and production of renewable energy in the energy mix

Activity


- Contributing to the deployment of renewable energy in the energy mix by producing and distributing electricity from renewables: wind, solar, and hydroelectric assets, installing and maintaining renewable energy technology, manufacturing batteries and conducting electricity storage

Part of activities addressing SDG

1%

Stakeholders

Considered positive SDG contributions

	SDG	12. Responsible consumption and production
	Target	12.6. Encourage companies, especially large and transnational companies, to adopt sustainable practices and to integrate sustainability information into their reporting cycle
	Outcome	Enabling companies to adopt sustainable practices and to integrate sustainability information into their reporting cycle


Activity

- GreenFlex subsidiary offering energy and environmental consulting and performance services to customers: enabling companies to adopt sustainable practices and reduce their environmental footprint by doing consulting on sustainability strategy consulting, energy performance management, responsible products creation, stakeholders relationships management

Criteria		Criteria justification(s)
Activity actually delivered (vs. project or past activity)	✓	Considered as positive impact, but lack of information to calculate % of activities
Linked to SDG target	✓	
Reached threshold to be a positive impact vs a negative impact mitigation	✓	
Clear causal links between the activity and the intended positive outcome (Theory of Change)	✓	
Reached financial materiality (>0.01% of activities)	✗	

Negative SDG contributions

Potential negative SDG contributions

	SDG	1. No poverty
	Outcome	Repercussions on local communities
	Company acknowledgement	Yes

Activity generating negative impact Mitigated

- Oil and gas exploration and production activities having social and environmental impacts on communities including access to land issues, resettlement, economic dependency or pollution of habitat
- Chemicals manufacturing generating pollution, and hazardous waste releases that can have impacts on communities through pollution of habitat or health problems


Activity mitigating negative impact

- Dedicating a human rights department in charge of risk analysis, supervision and implementation of the human rights roadmap
- Conducting ethics and human rights assessments including issues related to local communities of the Group's practices by independent third parties and qualified experts with action plans implementations based on results
- Implementing a Human Rights training plan for all employees with a focus on categories of employees who are most exposed to human rights abuses risks related to local communities like in Tanzania and Zimbabwe subsidiaries
- Implementing engagement plans in each E&P subsidiary and deploying Community Liaison Officers in certain exploration and production subsidiaries to consult local communities with a focus on most vulnerable groups
- Deploying grievance mechanisms and analysis in some subsidiaries for residents and local communities
- Conducting baseline study and social impact assessment to identify stakeholders potentially affected, local context and risks when developing industrial projects, with eventual specific human rights assessments in high-risk areas or conflict zones with the support of independent experts

- Implementing a Code of Conduct with provisions on Human Rights for all internal and external stakeholders with an Ethics Committee and a network of ethics officers to ensure implementation and receive concerns

Stakeholders

- Administration and governments
- Civil society
- Local communities
- Local communities



SDG

Outcome

Company acknowledgement

3. Good health and well-being

Air pollution

Yes

Activity generating negative impact Mitigated


- Emitting air pollutants during refining and processing and chemicals manufacturing, including nitrogen oxides (NOx), sulphur oxides (SOx), volatile organic compounds (VOC), particulate matter (PM), ozone (O3), and other hazardous air pollutants, such as hydrogen sulphide (H2S) and benzene (C6H6)
- Risk of fugitive emissions of air pollutants due to equipment leaks, evaporation losses, accidents, and equipment failure

Activity mitigating negative impact

- Designing new projects without routine flaring, and investing in new technologies and R&D to detect and avoid gas leaks and improve operations efficiency
- Identifying and reducing SO2 emissions that are likely to cause acid rain
- Using air pollution reduction systems for all wholly-owned refineries: impact assessments for new facilities, predictive emissions model, improvement of combustion process management, using low NOx burners and electrostatic scrubbers
- Implementing ISO 14001-certified environmental management systems (scope: 284 sites)

Stakeholders

- Planet
- Planet
- Local communities



SDG

Outcome

Company acknowledgement

5. Gender Equality

Diversity and inclusion

Yes

Activity generating negative impact Mitigated


- Contributing to gender inequalities through the under-representation of women and potential gender pay gap in the company, and the lack of women in executive and managerial positions

Activity mitigating negative impact

- Implementing a diversity policy which is monitored by the Diversity and Inclusion Council, chaired by a member of the Company's Executive Committee, tasked with making recommendations
- Offering mentoring activities and development workshops through the TWICE (Total Women's Initiative for Communication and Exchange) network to help women advance within the Group, particularly into management roles, and assist them in their career development
- Adopting specific measures to prevent and compensate for discriminatory wage differentials since 2010: Regular audits are conducted during salary-raise campaigns to ensure equal pay among men and women holding positions with the same level of responsibility
- Training the company's recruitment teams on non-discrimination and distributing the internal guide entitled "Eliminating Discrimination from the Recruitment Process."
- Holding events for managers and employees designed to train, inform and raise awareness, including internal courses such as "Young Female Talents" and "How to Market Yourself."
- Partnering with France's Elles Bougent (Women on the Move) organization since 2011, throughout which female engineers and technicians from all backgrounds are encouraged to serve as role models for female high school and university students

Stakeholders

- Civil society
- Local communities
- Suppliers and distributors
- Employees



SDG

Outcome

Company acknowledgement

6. Clean water and sanitation

Water pollution

Yes

Activity generating negative impact Mitigated


- Polluting water sources through:
- Inefficient treatment of produced and wastewater, discharges, spills, leaks, contamination from drilling and hydraulic fracturing
 - Processing of chemicals contaminating water effluents

Activity mitigating negative impact

- Implementing ISO 14001-certified environmental management systems (scope: 284 sites)
- Implementing a soil and groundwater depollution policy for operated decommissioned facilities with remediation operations carried out by company specialized entities to redevelop activities (solar, reforestation, etc.) and protect biodiversity
- Implementing best practices in engineering, operations, transport, maintenance to prevent spillages and leakages and managing contamination from activities with containment, reduction or disposal operations

Stakeholders

- Planet
- Planet
- Local communities



SDG

Outcome

Company acknowledgement

6. Clean water and sanitation

Water withdrawal and consumption

Yes

Activity generating negative impact

Mitigated


- Consuming water through:
- Development, extraction and processing of oil and gas: hydraulic fracturing and water flooding requiring freshwater
 - Chemicals production: cooling and electricity production
 - Activities conducted in high-vulnerability water-stressed areas

Activity mitigating negative impact

- Implementing ISO 14001-certified environmental management systems (scope: 284 sites)
- Improving water resources management depending on identified needs by adapting the priority sites' environmental management system
- Conducting diagnosis of sites/plants with water stress issues (using the WRI Aqueduct tool for identification and Local Water Tool (LWT) for Oil & Gas from the Global Environmental Management Initiative (GEMI) for management) and implementing solutions to minimize water withdrawal

Stakeholders

- Planet
- Planet
- Local communities



SDG

Outcome

Company acknowledgement

7. Affordable and clean energy

Energy consumption

Yes

Activity generating negative impact

Mitigated


- Enhancing energy efficiency of the Exploration & Production business line by reducing the quantity of gas its facilities use to produce the energy they need;- Refining and Chemicals segment investing in energy efficiency improvements between 2018 and 2025 through appropriate architectures, equipment and technological innovations like hat recovery systems;- Improving energy efficiency with ISO 50001 certification on most consuming sites;- Consuming significant amounts of energy through chemicals manufacturing activities with power processing units, cogeneration plants, machinery, and non-manufacturing facilities

Activity mitigating negative impact

- Implementing ISO 14001-certified environmental management systems (scope: 284 sites)
- Implementing a plan since 2022 to accelerate energy efficiency gains at its operated sites worldwide
- Increasing energy efficiency of operations in the Exploration & Production business line by reducing the quantity of gas its facilities use to produce the energy they need
- Increasing energy efficiency of operations in the Refining and Chemicals segment between 2018 and 2025 through appropriate architectures, equipment and technological innovations like heat recovery systems
- Implementation of an ISO 50001-certified energy management system on most consuming sites (scope: 27 sites)

Stakeholders

- Planet
- Local communities
- Planet



SDG

Outcome

Company acknowledgement

8. Decent work and economic growth

Workers' health and safety

Yes

Activity generating negative impact

Mitigated

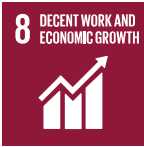
- The oil and gas sector exposes workers to hazardous work conditions, long working hours in remote locations, major explosions, leaks and spills, mental health and substance abuse issues, and the chemicals sector too with exposure to toxic chemicals which all result in injuries, ill-health and fatalities

Activity mitigating negative impact

- Preventing occupational risks including psychosocial ones: formal medical monitoring procedure for each group entity, employee health observation committee, a medical advisory committee with external scientific experts and stakeholders
- Training all employees on safety and using knowledge assessment tools for managers, dedicating training depending on functions
- Implementing a road transport policy to reduce the number of accidents: awareness campaign, fatigue detection systems, an inspection of contractors practices and processes by independent experts
- Implementing ISO 45001 Health Safety and Environment frameworks regularly updated and audited at least every 5 years

Stakeholders

- Suppliers and distributors
- Suppliers and distributors
- Suppliers and distributors
- Employees



SDG

Outcome

Company acknowledgement

8. Decent work and economic growth

Poor labour and working conditions

Yes

Activity generating negative impact

Mitigated


- Contributing to poor labour and working conditions, such as forced labour through its supply chain activities in high-risk countries

Activity mitigating negative impact

- Implementing Fundamental principles of purchasing, conducting supplier risks assessments with a targeted annual plan for high-risk countries and audits by an independent external service to ensure the respect of human rights at work for suppliers (scope: unknow)
- Ensuring that employees are above minimum local wage in areas without appropriate labour laws
- Implementing a Human Rights training plan for all employees with a focus on categories of employees who are most exposed to human rights abuses risks related to local communities like in Tanzania and Zimbabwe subsidiaries
- Conducting Human Rights impact assessments in high-risk areas with independent experts
- Assessing the working conditions of entities and group-branded service station dealers by an independent third party
- Dedicating a human rights department in charge of risk analysis, supervision and implementation of the human rights roadmap
- Implementing a Code of Conduct with provisions on the respect of labor rights for all internal and external stakeholders with an Ethics Committee and a network of ethics officers to ensure implementation and receive concerns

Stakeholders

- Local communities
- Suppliers and distributors
- Suppliers and distributors
- Suppliers and distributors
- Employees



SDG

Outcome

Company acknowledgement

12. Responsible consumption and production

Product or service lifecycle management

Yes

Activity generating negative impact

Mitigated


- Causing environmental impacts through the product's lifecycle:
- Production, use and end-of-life of petrochemicals products including plastic generate GHG emissions, air pollution, energy consumption and waste
 - Oil and gas production and use generate GHG emissions and air pollution

Activity mitigating negative impact

- Using a criterion dedicated to the circular economy into the company's purchases
- Operating a recycled and biodegradable bioplastics manufacturing plant with Total Corbian PLA subsidiary in Thailand
- Developing innovative chemical recycling process with a consortium of actors in the food processing sector to recycle complex packaging
- Producing recycled and bioplastic products through technology such as mechanical recycling and chemical recycling
- Ecodesigning products through Total Ecosolutions program and label

Stakeholders

- Civil society
- Planet
- Planet
- Local communities



SDG

Outcome

Company acknowledgement

12. Responsible consumption and production

Communication and selling practices

Yes

Activity generating negative impact Mitigated

- Conducting misleading communication practices regarding the contribution of the Company to climate change
- Potential risk of contributing to false or incorrect labelling of petroleum and chemical products about their toxicity or dangerousness that can generate a negative impact on human health

Activity mitigating negative impact

- Employing product managers ensuring compliance of petroleum and chemical products during marketing release
- Monitoring scientific and regulatory developments to update data sheets on products
- Using teams of regulatory experts, toxicologists and ecotoxicologists within the Refining & Chemicals and Marketing & Services segments of the Group for petroleum products and chemicals risk identification and information communication to consumers


Stakeholders

Civil society

Administration and governments

Customers

Customers



SDG

Outcome

Company acknowledgement

12. Responsible consumption and production

Waste generation and hazardous materials management

Yes

Activity generating negative impact Mitigated

- Generating hazardous waste through oil and gas exploration and production activities (particularly from drilling) as well as from manufacturing activities (particularly from processing and pollution-control equipment for Chemicals): those wastes include trapped gas, residual oils, fuels and chemicals
- Generating non-hazardous waste from the activities mentioned above and through plastic production: plastic pellets and rock and salt from excavation

Activity mitigating negative impact


- Implementing ISO 14001-certified environmental management systems (scope: 284 sites)
- Implementing a waste management process: identification, storage, traceability and treatment under each site responsibility
- Reusing products for a similar purpose, recycling residual waste, recovering energy from non-recycled products when possible
- Implementing processes designed to reduce and minimize the waste produced: for example CleanSweep program aims to achieve zero loss of plastics pellets during operations in all refining and chemicals segments

Stakeholders

Planet

Planet

Local communities



SDG

Outcome

Company acknowledgement

13. Climate action

Greenhouse gas emissions

Yes

Activity generating negative impact Mitigated

Emitting greenhouse gases through direct and indirect activities:

- Scope 1: direct emissions from direct fuel combustion, process emissions, fugitive emissions (leaks), flaring and venting
- Scope 2: indirect emissions from electricity consumption (transport, extraction, facilities, oil refining, treatment LNG)
- Scope 3: indirect emissions from the use of sold products, especially fossil fuels

Activity mitigating negative impact

- Designing new projects without routine flaring, and investing in new technologies and R&D to detect and avoid gas leaks and improve operations efficiency
- Implementing an action program at the Company's facilities to reduce methane emissions targeting venting, flaring, fugitive emissions and incomplete combustion (scope: unknown)
- Offsetting a part of the carbon footprint through Nature-Based Solutions carbon credits
- Reducing the share of petroleum products in its sales mix, from 65% in 2015 to 41% in 2022
- Implementing a " CO2 Fighters" GHG emission reduction team across the company, tasked at initiating energy efficiency projects, accelerating the electrification process at facilities and helping to introduce greener forms of energy consumption
- Developing low-carbon products with a lower carbon footprint during the use-phase with the Total Ecosolutions labelled products
- Implementing ISO 14001-certified environmental management systems (scope: 284 sites)

Stakeholders

Planet



SDG	15. Life on Land
Outcome	Biodiversity loss and ecosystem degradation
Company acknowledgement	Yes

Activity generating negative impact Mitigated

- Impacting ecosystems and biodiversity through company activities:
- Onshore upstream and midstream activities generating oil and oil product spills harming local terrestrial and aquatic ecosystems
 - Onshore installation affecting landscapes and areas rich in biodiversity
 - Offshore activities generating spills and risk of ocean noise
 - Chemicals manufacture posing a risk of water and soil contamination and hazardous waste releases

Activity mitigating negative impact

- Implementing various biodiversity related R&D programmes such as the development of UNEP WCMC biodiversity impact indicators methodology or a decision-support tool for actions based on the Avoid-Reduce-Offset approach
- Developing a tool for the screening of marine biodiversity sensitivities in partnership with Oxford University and Equinor
- Developing biodiversity action plans for production sites located in IUCN protected areas category I or IV or a Ramsar site
- Conducting ecosystems and biodiversity impact assessments for new facilities located in IUCN protected areas category I or IV or a Ramsar site and implementing measures to protect biodiversity

Stakeholders

PlanetLocal communitiesPlanetPlanet



SDG	16. Peace, justice and strong institutions
Outcome	Unethical business conducts
Company acknowledgement	Yes

Activity generating negative impact Mitigated

- Risk of contributing to unethical business practices such as corruption or involvement in conflict zones as the Group is present in more than 130 countries, some of which have a high perceived level of corruption according to the index drawn up by Transparency International

Activity mitigating negative impact

- Applying disciplinary action, up to dismissal, for any infringement of the anti-corruption standards
- Implementing the Code of Conduct, prohibiting corruption, which is complemented by a regularly updated set of anti-corruption standards
- Offering an anti-corruption e-learning course for targeted personal and new hires as well as providing targeted training courses to functions viewed as highly exposed
- Conducting anti-corruption due diligence before business relations with third parties
- Assessing corruption risks with specific risk mapping rules
- Implementing a mechanism to report code of conduct violations to the manager, human resources, the Compliance Officers or Ethics Officers, or the Group Ethics Committee in respect to confidentiality
- Implementing an anti-corruption compliance program with a dedicated department coordinating officers in charge of rolling out the program at the subsidiary level with a dedicated reporting line

Stakeholders

CustomersLocal communitiesCivil societyEmployees



SDG

Outcome

Company acknowledgement

12. Responsible consumption and production

Critical incidents and systemic risk management

Yes

Activity generating negative impact

Mitigated


- Potential risk of generating severe consequences by handling chemicals and high-risk security sites, concerning potential explosion, fires or travel or equipment accidents

Activity mitigating negative impact

- Implementing a global crisis management system based on an on-call system available at all times with a dedicated crisis management center and interventions teams that practice regularly based on scenario analyses
- Using a training program for the management of major accident risks with on-site training for operating teams
- Developing an Incident Management System (IMS) in exploration and production subsidiaries which includes training and exercise
- Implementing an accidental risks management system including design of facilities, maintenance and accidents management, inspections, regular audits and a global crisis management system dedicated to major industrial incidents
- Implementing major industrial accident risks policy: incident scenarios analysis every 5 years to prevent and mitigate, and sites studies every year

Stakeholders

- Planet
- Administration and governments
- Civil society



SDG

Outcome

Company acknowledgement

16. Peace, justice and strong institutions

Anti-competitive practices

Yes

Activity generating negative impact

Mitigated

- Potential risk of anti-competitive behaviour as the company is active in the oil and gas sector, a sector subject to risks of collusion between potential competitors to limit the effects of market competition

Activity mitigating negative impact

- Implementation of a policy to prevent competition law infringement with training courses

Stakeholders

- Customers
- Local communities
- Administration and governments
- Civil society

Climate strategy

Climate strategy summary

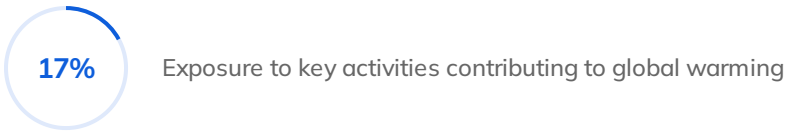
Z

May cause harm

The company has over 15% of its revenue tied to a highly emitting sector. However, it has no objective in place in line with the Paris Agreement to limit global warming to 1.5°C. As such, it qualifies for a Z rating or may cause harm.

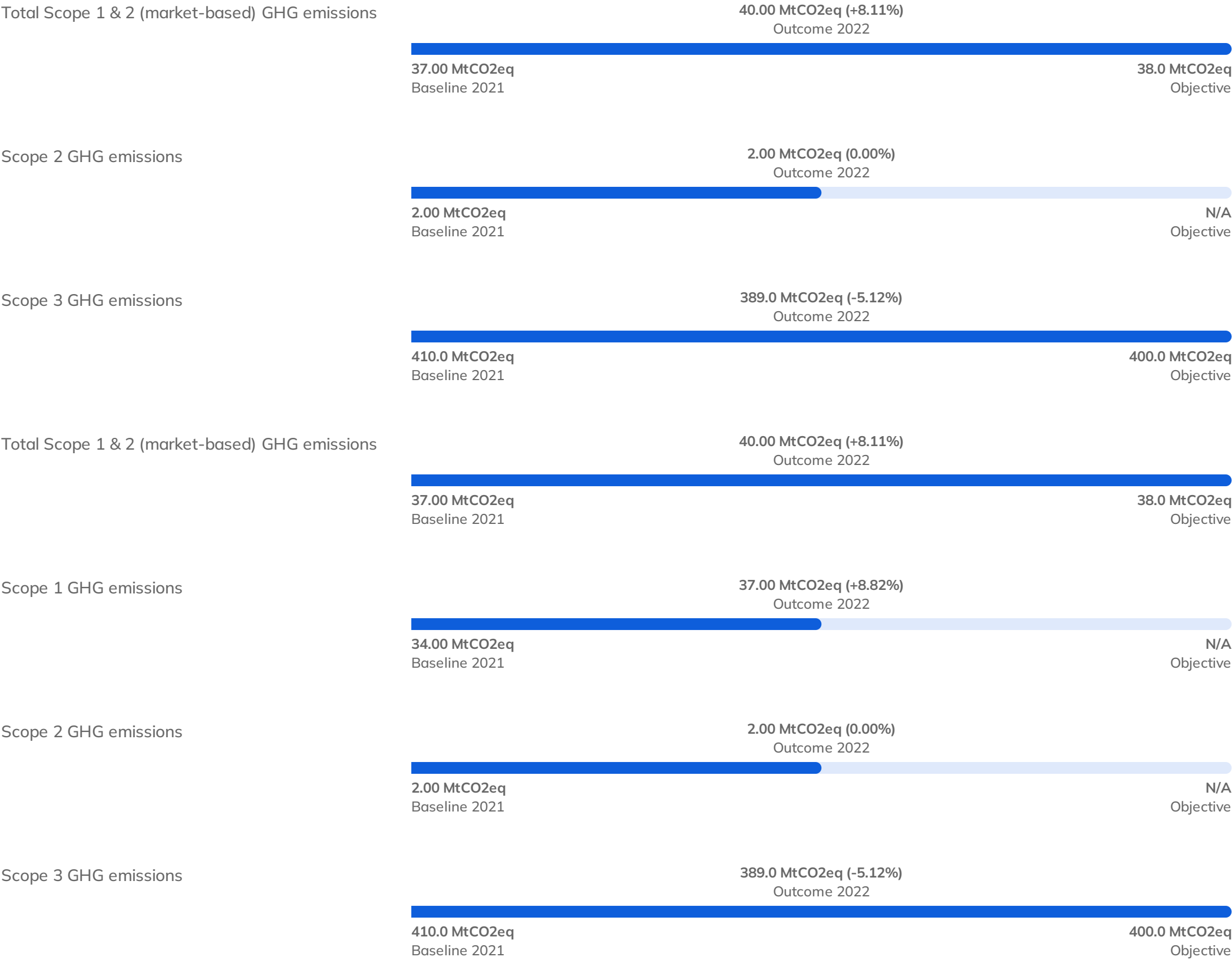
TotalEnergies' transition strategy focuses on LNG production, with a projected increase of 40% from 2021 to 2030, and investment in low-carbon energies. It plans for oil production to peak in the decade to then reduce the share of petroleum products in its sales mix to 30% in 2030 (compared to 41% in 2022). The Company aims to offset remaining emissions using nature-based and carbon storage and sequestration solutions. TotalEnergies addresses its operational emissions on climate change issues and has committed to the World Bank's Zero routine flaring initiative by 2030. The Company has set a net-zero emissions objective for 2050 and intermediate climate objectives on three scopes from a 2015 baseline. While TotalEnergies presents a clear and detailed climate strategy, several shortcomings were identified by NGOs, shareholders groups and the civil society. Indeed, in recent years, TotalEnergies faced allegations regarding climate inaction, greenwashing, lobbying against the existence of climate change and misleading communication practices. Furthermore, in April 2023, an activist group and 17 other investors filed a shareholder resolution requiring the Company to do more to cut its emissions by 2030, as they alleged that its scope 3 targets are not stringent enough. Moreover, while the Company's objective is to reach 100 GW of renewable power generation capacity by 2030, only 1.3% of the Group's turnover and 14.5% of its Capex were recognized as contributing to climate change mitigation according to its EU Taxonomy reporting. By 2030, around 30% of TotalEnergies' investments will continue to be dedicated to developing new oil and gas projects, and 80% of its energy mix will still be dedicated to oil and gas. On the other hand, in 2023, the Company strengthened its objective to reduce its scope 3 emissions from its petroleum products by more than 40% by 2030. However, this target excludes emissions from gas (and biofuels). The Group's strategy relies mainly on increasing LNG production, and its total scope 3 emissions target only requires it to maintain its current level of emissions (400 Mt CO2e) by 2030. As scope 3 emissions represent around 90% of TotalEnergies' footprint, we can conclude that most of its emissions could remain stagnant until 2030 under its current strategy. The Group's strategy seems incompatible with the necessity identified by the IPCC of halving global emissions by 2030 to stay on a 1.5°C pathway.

Climate strategy details



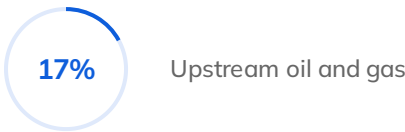
GHG emission reporting scope	<div>Good</div> <div>Partial reporting of quantity of GHG emissions (Scope 1, 2, 3) with transparent exclusions</div> <div>Key climate indicators independently audited <div>✓</div></div>
Metrics evolution	<div>Good</div> <div>Overall reduction of quantity of GHG emissions</div> <div>Evolution explanation provided <div>✗</div></div>
GHG emission reduction targets	<div>None</div> <div>The company has objectives not aligned with any scenario or no objectives at all</div> <div>The organization has formally committed to the Paris Agreement <div>✗</div></div> <div>Targets alignment with 2°C scenario and approbation by independent expert organizations <div>✗</div></div>
Mitigation activities	<div>Average</div> <div>Focus on (major or partial) decarbonization of the business model with an amount of carbon removal (within the value chain or through carbon credits) to compensate for some recalcitrant risk emissions, but the balance of total GHG emissions is not reached</div> <div>The organization implemented an adaptation scenario to climate change <div>✓</div></div>
Enabling activities	<div>The company has enabling activities. <div>✓</div></div> <div>TotalEnergies conducts various enabling activities, which amount to 1.2% of its revenues. The Company is involved in the installation, maintenance and repair of renewable energy technology, manufacture of low carbon technology for transport, infrastructure enabling low carbon transport as well as charging stations for EVs. In addition, it does energy storage and battery manufacturing and offers energy efficiency equipment and services related to the energy performance of buildings.</div>

Progression towards objectives



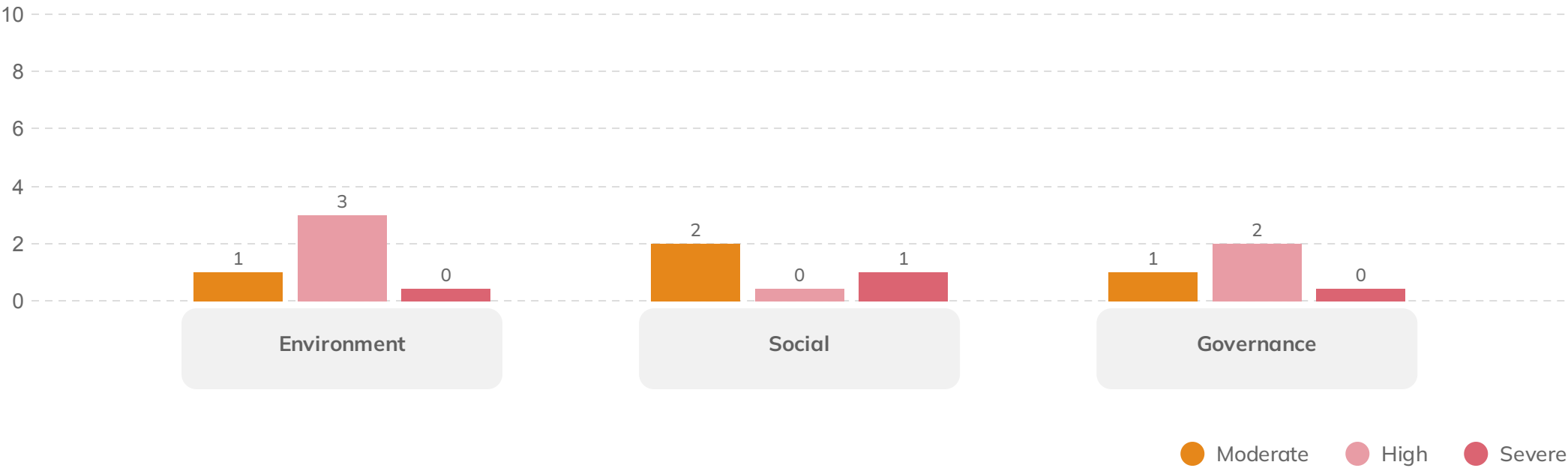
Exposure to key activities contributing to global warming limitation

PACTA methodology. Share of the company's total revenues.



Media Watch

Media watch



Media watch

Environment

Water pollution

- 1

Moderate

2019 - Total Petrochemicals and Refining USA: Settled with the state of Vermont in 2019 to pay USD 316.66 million to resolve allegations of water contamination related to the Company's petrochemical activities [\[4\]](#).

Greenhouse gas emissions

- 1

High

2021 - Allegations against the Company by NGOs in 2021 for using palm oil at its La Mède biorefinery without properly assessing underlying environmental and climate risks [\[12\]](#).
- 2

High

2021 - Lawsuit filed against TotalEnergies by local authorities and environmental associations in 2020 for climate inaction and failing to comply with its duty of care in France [\[1\]](#). [\[1\]](#).
- 3

High

2023 - Shareholder resolution filed against the company in 2023, calling for TotalEnergies to improve its climate strategy specifically regarding its scope 3 GHG emissions, following activist group demands in 2023 [\[16\]](#).

Social

Repercussions on local communities

- 1

Moderate

2023 - Allegation against the Company by French and Ugandan NGOs for failure to respect its duty of vigilance regarding the Tilenga and EACOP projects in Uganda and Tanzania, which would involve large-scale land expropriation and severe impacts on local biodiversity in 2022 [\[5\]](#). [\[5\]](#). [\[5\]](#).
- 2

Moderate

2019 - Lawsuit filed against the Company in the Paris court of justice in 2023 by two Yemeni citizens for failing to prevent one of its factories from being used as a detention center where human rights abuses were committed by Emirati forces in Yemen [\[11\]](#).

Poor labour and working conditions

- 1

Severe

2021 - SunPower Corporation: Report published by the Sheffield Hallam University in 2021 alleging that Sunpower Corporation's supply chain is linked to the forced labour of Uyghur Muslims in the Xinjiang region in China [\[13\]](#).

Governance

Unethical business conducts

1

High

2022 - Company admitted to wrongdoing in 2022 for financing Burmese junta with offshore accounts during more than 20 years, before withdrawing all their activities from Myanmar in 2021 [\[1\]](#)[\[1\]](#)[\[1\]](#).

Communication and selling practices

1

Moderate

2023 - Lawsuit filed against the company in the legal tribunal in 2022 by Greenpeace France, Amis de la Terre France, Notre Affaire à Tous, and ClientEarth for greenwashing and misleading commercial practices regarding its carbon emission reduction targets in France [\[5\]](#)[\[5\]](#).

2

High

2023 - Allegations against the Company by the United Nations for voluntarily hiding TotalEnergies' impact on the planet and its contribution to climate change since the 1970s [\[5\]](#).

References

[\[1\]](#) TotalEnergies' Statement Following the Release of Global Environmental Change's Paper _ TotalEnergies.com.pdf, https://minio.impak.eco:8080/main/4471b30d-8881-422f-90ec-04f3d4b3bfbd/2022/TotalEnergies' Statement Following the Release of Global Environmental Change's Paper _ TotalEnergies.com.pdf

[\[2\]](#) TotalEnergies' Statement Following the Release of Global Environmental Change's Paper _ TotalEnergies.com.pdf, https://minio.impak.eco:8080/main/4471b30d-8881-422f-90ec-04f3d4b3bfbd/2022/TotalEnergies' Statement Following the Release of Global Environmental Change's Paper _ TotalEnergies.com.pdf

[\[3\]](#) TotalEnergies' Statement Following the Release of Global Environmental Change's Paper _ TotalEnergies.com.pdf, https://minio.impak.eco:8080/main/4471b30d-8881-422f-90ec-04f3d4b3bfbd/2022/TotalEnergies' Statement Following the Release of Global Environmental Change's Paper _ TotalEnergies.com.pdf

[\[4\]](#) BP_Chevron_Exxon_Shell_Total_Valero_-_Vermont_MTBE_SETTLEMENT.pdf, https://minio.impak.eco:8080/main/4471b30d-8881-422f-90ec-04f3d4b3bfbd/2022/BP_Chevron_Exxon_Shell_Total_Valero_-_Vermont_MTBE_SETTLEMENT.pdf

[\[5\]](#) Factiva.pdf, <https://minio.impak.eco:8080/main/4471b30d-8881-422f-90ec-04f3d4b3bfbd/2022/Factiva.pdf>

[\[6\]](#) Factiva.pdf, <https://minio.impak.eco:8080/main/4471b30d-8881-422f-90ec-04f3d4b3bfbd/2022/Factiva.pdf>

[\[7\]](#) Factiva.pdf, <https://minio.impak.eco:8080/main/4471b30d-8881-422f-90ec-04f3d4b3bfbd/2022/Factiva.pdf>

[\[8\]](#) Factiva.pdf, <https://minio.impak.eco:8080/main/4471b30d-8881-422f-90ec-04f3d4b3bfbd/2022/Factiva.pdf>

[\[9\]](#) Factiva.pdf, <https://minio.impak.eco:8080/main/4471b30d-8881-422f-90ec-04f3d4b3bfbd/2022/Factiva.pdf>

[\[10\]](#) Factiva.pdf, <https://minio.impak.eco:8080/main/4471b30d-8881-422f-90ec-04f3d4b3bfbd/2022/Factiva.pdf>

[\[11\]](#) Middle East Eye 2023-02-23.pdf, <https://minio.impak.eco:8080/main/4471b30d-8881-422f-90ec-04f3d4b3bfbd/2022/Middle East Eye 2023-02-23.pdf>

[\[12\]](#) Huile de palme et agrocarburants, les obstacles s'accumulent pour Total.pdf, <https://minio.impak.eco:8080/main/4471b30d-8881-422f-90ec-04f3d4b3bfbd/2022/Huile de palme et agrocarburants, les obstacles s'accumulent pour Total.pdf>

[\[13\]](#) In Broad Daylight May 2021.pdf, <https://minio.impak.eco:8080/main/4471b30d-8881-422f-90ec-04f3d4b3bfbd/2022/In Broad Daylight May 2021.pdf>

[\[14\]](#) TotalEnergies' Statement Following the Release of Global Environmental Change's Paper _ TotalEnergies.com.pdf, https://minio.impak.eco:8080/main/4471b30d-8881-422f-90ec-04f3d4b3bfbd/2022/TotalEnergies' Statement Following the Release of Global Environmental Change's Paper _ TotalEnergies.com.pdf

[15] TotalEnergies' Statement Following the Release of Global Environmental Change's Paper _ TotalEnergies.com.pdf, https://minio.impak.eco:8080/main/4471b30d-8881-422f-90ec-04f3d4b3bfbd/2022/TotalEnergies' Statement Following the Release of Global Environmental Change's Paper _ TotalEnergies.com.pdf

[16] Financial Times 2023-04-06.pdf, <https://minio.impak.eco:8080/main/4471b30d-8881-422f-90ec-04f3d4b3bfbd/2022/Financial Times 2023-04-06.pdf>

References

[Factiva-2023-04-19.pdf](#)

[Code of Conduct](#)

[« Depuis 1971, Total connaît les effets de son activité sur le climat, et n'a rien fait ».pdf](#)

[EPA 2022-09-27.pdf](#)

[Le Monde 2023-03-23.pdf](#)

[Bloomberg 2022-02-25.pdf](#)

[Sustainability Climate progress_2023](#)

[BHRRRC 2023-02-15.pdf](#)

[Factiva-20230214.pdf](#)

[Reuters2021.pdf](#)

[Top Class Actions 2022-02-11.pdf](#)

[Sustainability Climate progress_2022](#)

[Sale Total EP Canada](#)

[URD 22](#)

[website access to energy](#)

[TotalEnergies' Statement Following the Release of Global Environmental Change's Paper _ TotalEnergies.com.pdf](#)

[TE Essentiel 2022](#)

[Reporterre 2022-04-27.pdf](#)

[Le Nouvel Observateur 2023-04-20.pdf](#)

[BP_Chevron_Exxon_Shell_Total_Valero - Vermont_MTBE_SETTLEMENT.pdf](#)

[Middle East Eye 2023-02-23.pdf](#)

[In Broad Daylight May 2021.pdf](#)

[Financial Times 2023-04-06.pdf](#)

[Huile de palme et agrocarburants, les obstacles s'accumulent pour Total.pdf](#)

[Factiva.pdf](#)

