



The independent impact rating agency™

TotalEnergies

2023 Analysis

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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	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
- Manufacture of energy efficiency equipment for buildings and professional services related to the energy performance of buildings	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
- 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	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
- 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	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
- 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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Business line turnover	2.84%	44.73%	14.96%	17.47%

Positive impact

Positive impact score 0 / 500

Actual positive impacts

	SDG	12. Responsible consumption and production	Impact type B
	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	

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	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

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	<ul style="list-style-type: none"> - Indirect: Civil society - Indirect: Low income communities, off grid communities - Direct: Low income emerging countries population leaving in remote offgrid areas
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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
Target	7.3. By 2030, double the global rate of improvement in energy efficiency
Outcome	Improvement of energy efficiency

Impact type

B

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
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

Impact type

B

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 A
	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 A
	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 5. Gender Equality
 Outcome Diversity and inclusion
 Company acknowledgement **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 6. Clean water and sanitation
 Outcome Water pollution
 Company acknowledgement **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**

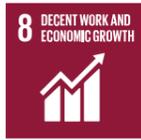
- Enhancing energy efficiency of the Exploration & Production business line by reducing the quantity of gas its facilities use to produce the energy they need;- Refining and Chemicals segment investing in energy efficiency improvements between 2018 and 2025 through appropriate architectures, equipment and technological innovations like heat 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



SDG 8. Decent work and economic growth
 Outcome Workers' health and safety
 Company acknowledgement **Yes**

Impact type

A

Activity generating negative impact **Mitigated**

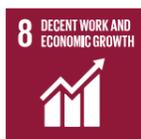
- The oil and gas sector exposes workers to hazardous work conditions, long working hours in remote locations, major explosions, leaks and spills, mental health and substance abuse issues, and the chemicals sector too with exposure to toxic chemicals which all result in injuries, ill-health and fatalities

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



SDG 8. Decent work and economic growth
 Outcome Poor labour and working conditions
 Company acknowledgement **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



SDG 12. Responsible consumption and production
 Outcome Product or service lifecycle management
 Company acknowledgement **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



SDG 12. Responsible consumption and production
 Outcome Communication and selling practices
 Company acknowledgement **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	12. Responsible consumption and production
Outcome	Waste generation and hazardous materials management
Company acknowledgement	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	13. Climate action
Outcome	Greenhouse gas emissions
Company acknowledgement	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

15. Life on Land

Outcome

Biodiversity loss and ecosystem degradation

Company acknowledgement

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

16. Peace, justice and strong institutions

Outcome

Unethical business conducts

Company acknowledgement

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 style="border: 1px solid black; padding: 2px 10px;">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 style="border: 1px solid black; padding: 2px 10px;">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 style="background-color: #007bff; width: 100%; height: 10px; margin-bottom: 5px;"></div> <div style="background-color: #e0e0e0; width: 100%; height: 10px; margin-bottom: 5px;"></div>	N/A Objective
		4,200,000 Baseline 2021	

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%)	

	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



SDG 13. Climate action
Outcomes covered: Reduction of greenhouse gas emissions
Total indicators: 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



SDG 12. Responsible consumption and production
Outcomes covered: Improvement and increase in support to the circular economy
Total indicators: 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)



SDG

13. Climate action

Outcomes covered

Greenhouse gas emissions

Total indicators

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 kgCO ₂ eq (0.00%) Outcome 2022	N/A Objective
		17.00 kgCO ₂ eq Baseline 2021	
7	Associated outcome	Greenhouse gas emissions	
	Indicator	Scope 1 GHG emissions	
	Progression towards threshold or objective	37.00 MtCO ₂ eq (+8.82%) Outcome 2022	N/A Objective
		34.00 MtCO ₂ eq Baseline 2021	
8	Associated outcome	Greenhouse gas emissions	
	Indicator	Scope 2 GHG emissions	
	Progression towards threshold or objective	2.00 MtCO ₂ eq (0.00%) Outcome 2022	N/A Objective
		2.00 MtCO ₂ eq Baseline 2021	
9	Associated outcome	Greenhouse gas emissions	
	Indicator	Scope 3 GHG emissions - from petroleum products (short-term objective)	
	Progression towards threshold or objective	254.0 MtCO ₂ eq (-27.43%) Outcome 2022	245.0 MtCO ₂ eq Objective
		350.0 MtCO ₂ eq Baseline 2021	
10	Associated outcome	Greenhouse gas emissions	
	Indicator	Scope 3 GHG emissions - from petroleum products	
	Progression towards threshold or objective	254.0 MtCO ₂ eq (-27.43%) Outcome 2022	210.0 MtCO ₂ eq Objective
		350.0 MtCO ₂ eq Baseline 2021	
11	Associated outcome	Greenhouse gas emissions	
	Indicator	Scope 3 GHG emissions (short-term objective)	
	Progression towards threshold or objective	389.0 MtCO ₂ eq (-5.12%) Outcome 2022	400.0 MtCO ₂ eq Objective
		410.0 MtCO ₂ eq Baseline 2021	
12	Associated outcome	Greenhouse gas emissions	
	Indicator	Scope 3 GHG emissions	
	Progression towards threshold or objective	389.0 MtCO ₂ eq (-5.12%) Outcome 2022	400.0 MtCO ₂ eq Objective
		410.0 MtCO ₂ eq Baseline 2021	



SDG 3. Good health and well-being
 Outcomes covered Air pollution
 Total indicators 3

1	Associated outcome	Air pollution		
	Indicator	Sulfur dioxide (SO2) emissions		
	Progression towards threshold or objective		13.00 kt (-77.97%) Outcome 2022	
		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	
		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	
		58.00 kt Baseline 2021		N/A Objective



SDG 7. Affordable and clean energy

Outcomes covered Energy consumption

Total indicators 2

1	Associated outcome	Energy consumption		
	Indicator	Net primary energy consumption		
	Progression towards threshold or objective		166.0 TWh (+12.16%) Outcome 2022	
		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	
		87.00 % Baseline 2021		N/A Objective



SDG 6. Clean water and sanitation

Outcomes covered Water pollution Water withdrawal and consumption

Total indicators 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	
		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 m ³ (+6.67%) Outcome 2022	N/A Objective
			75.00 m ³ Baseline 2021	
3	Associated outcome	Water withdrawal and consumption		
	Indicator	Fresh water withdrawal in water stress area		
	Progression towards threshold or objective		55.00 m ³ (+1.85%) Outcome 2022	N/A Objective
			54.00 m ³ Baseline 2021	
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	N/A Objective
			13.70 mg/L Baseline 2021	
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	N/A Objective
			92.00 % Baseline 2021	
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	1.0 mg/L Objective
			2.60 mg/L Baseline 2021	



SDG
Outcomes covered
Total indicators

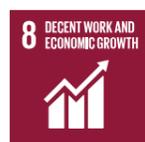
12. Responsible consumption and production
Waste generation and hazardous materials management
7

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	N/A Objective
			335.0 kt Baseline 2021	
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	42 N/A Objective
			206.0 kt	

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	N/A Objective
		165.0 kt Baseline 2021		
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	N/A Objective
		98.00 kt Baseline 2021		
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	104.0 % Objective
		61.00 % Baseline 2021		
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	N/A Objective
		16.00 % Baseline 2021		
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	N/A Objective
		23.00 % Baseline 2021		



SDG

8. Decent work and economic growth

Outcomes covered

Poor labour and working conditions Workers' health and safety

Total indicators

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	100.0 % Objective
		98.00 % Baseline 2021		

2	Associated outcome	Workers' health and safety		
	Indicator	Total Recordable Incident Rate (TRIR)		

	Progression towards threshold or objective	0.67 (-8.22%) Outcome 2022		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		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		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		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		N/A Objective

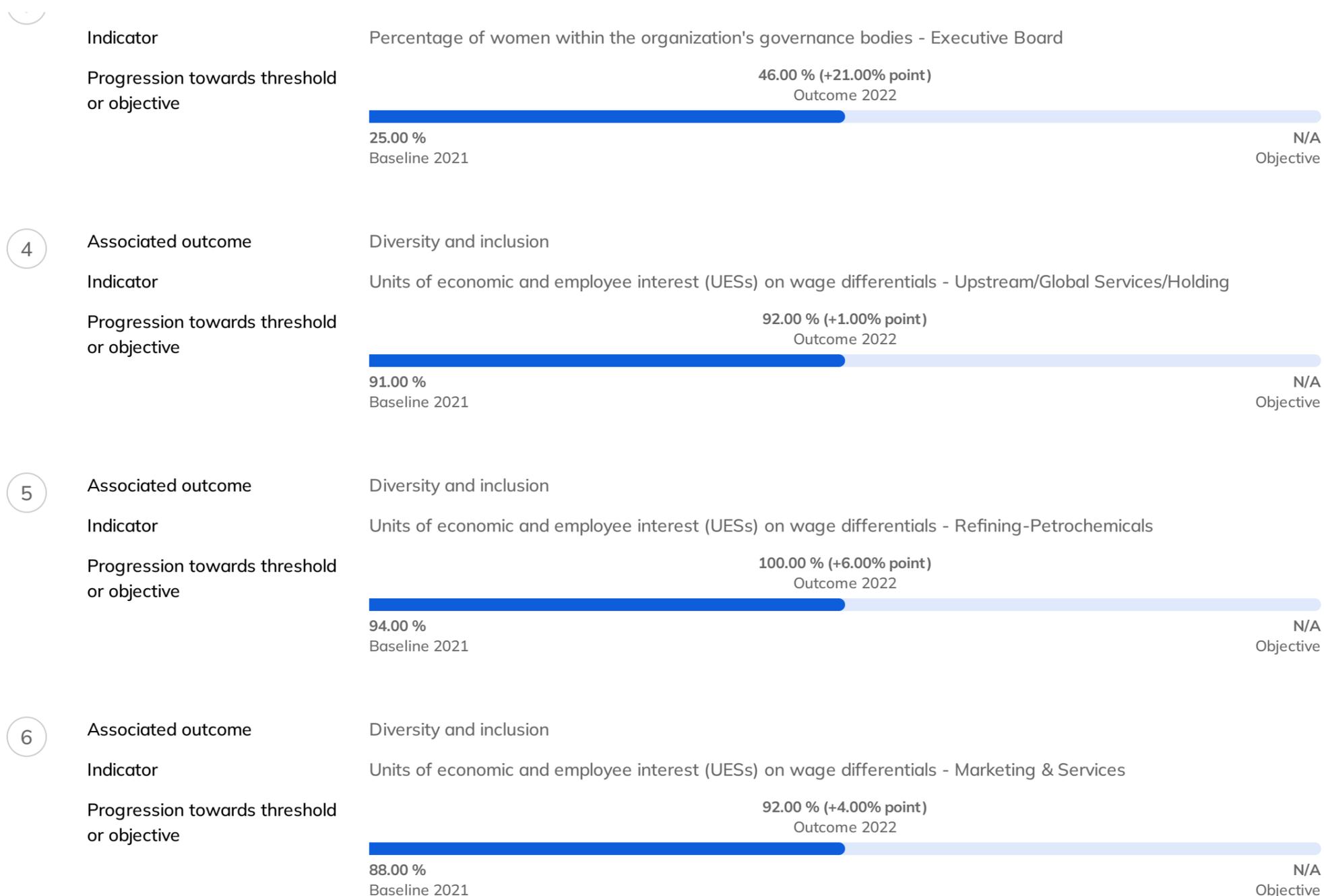


SDG
Outcomes covered
Total indicators

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		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		N/A Objective

3 Associated outcome Diversity and inclusion



impak **SDG Alignment**

The Impact 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:

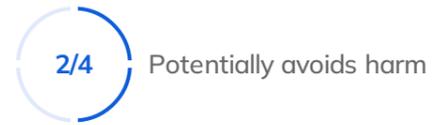
- developing a range of decentralized solutions to meet the energy needs of people in emerging countries by improving accessibility: distribution of lamps and solar kits to low-income and off-grid customers, incubation of projects in decentralized off-grid distribution;
- manufacture of energy efficiency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

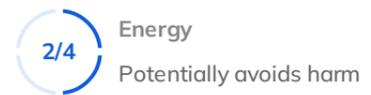
Conversely, TotalEnergies contributes negatively to 10 SDGs. Nevertheless, the company has mitigation activities for all of them.

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

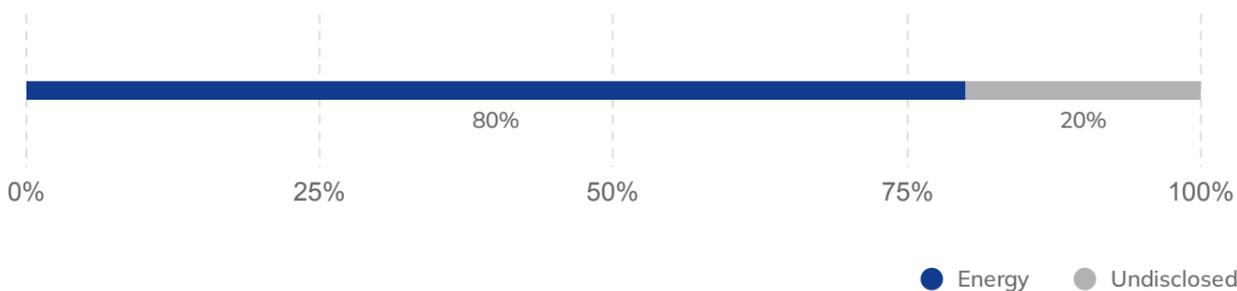


Potential impact indicator benchmark



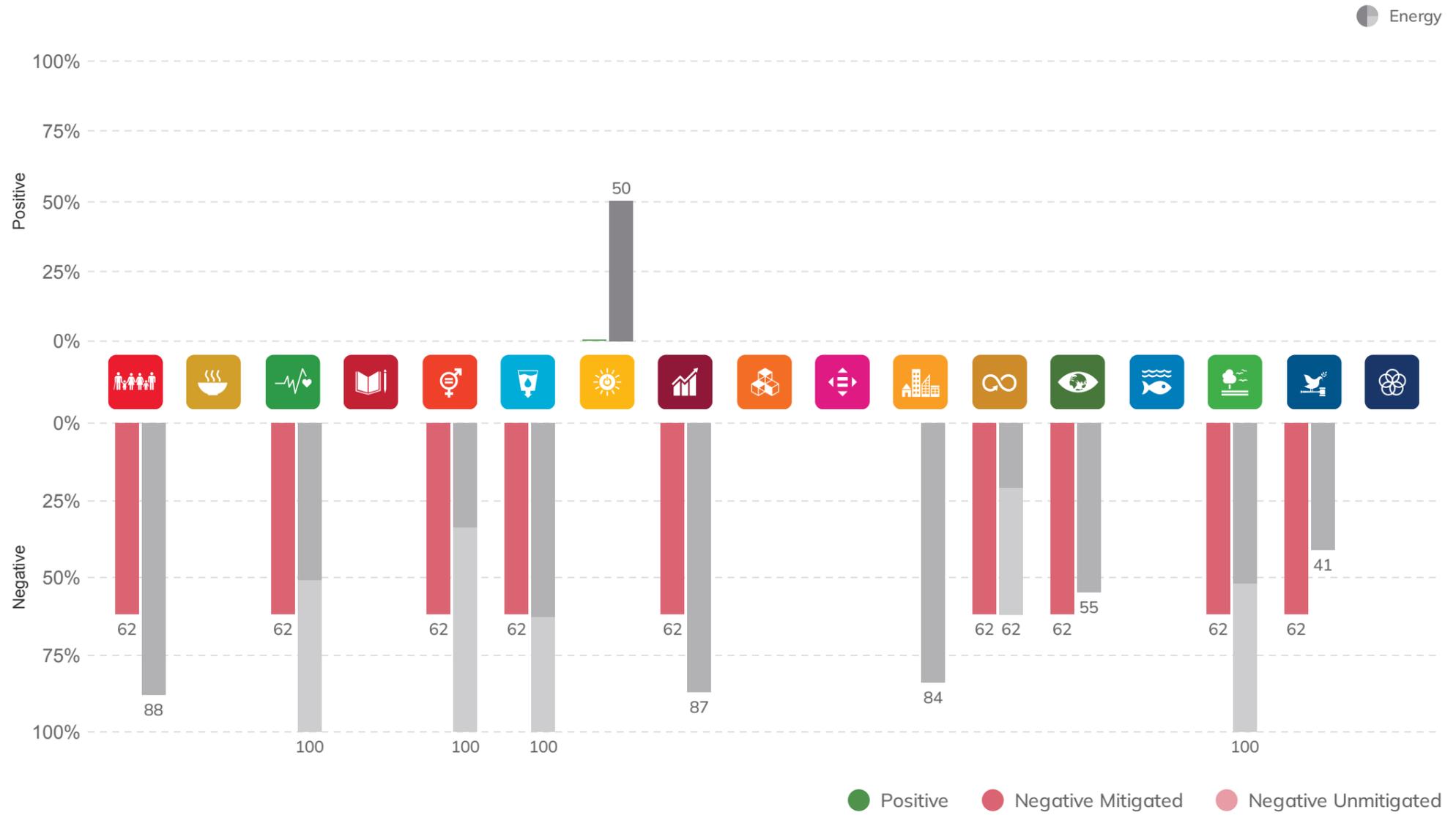
Sector exposure

Percentage of revenue of main sectors of activities



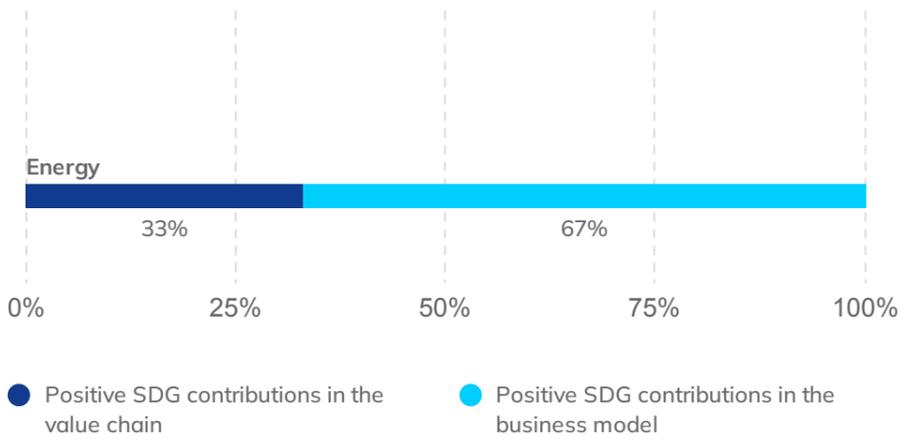
SDG alignment

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.



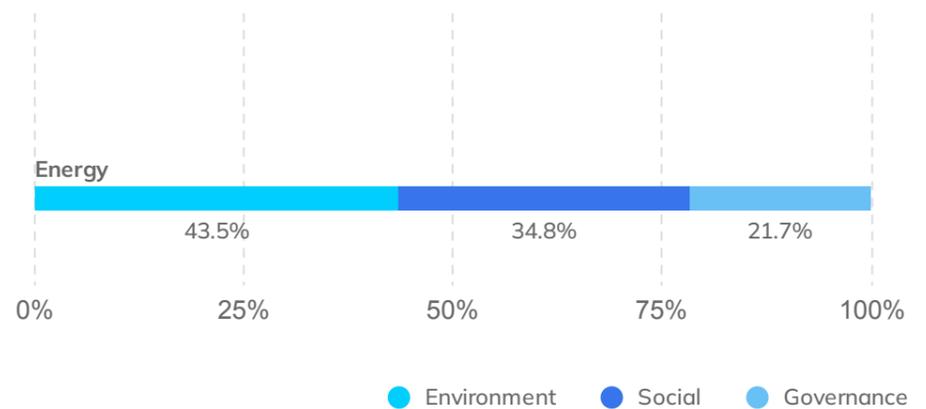
Positive SDG contributions by type of strategy

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.



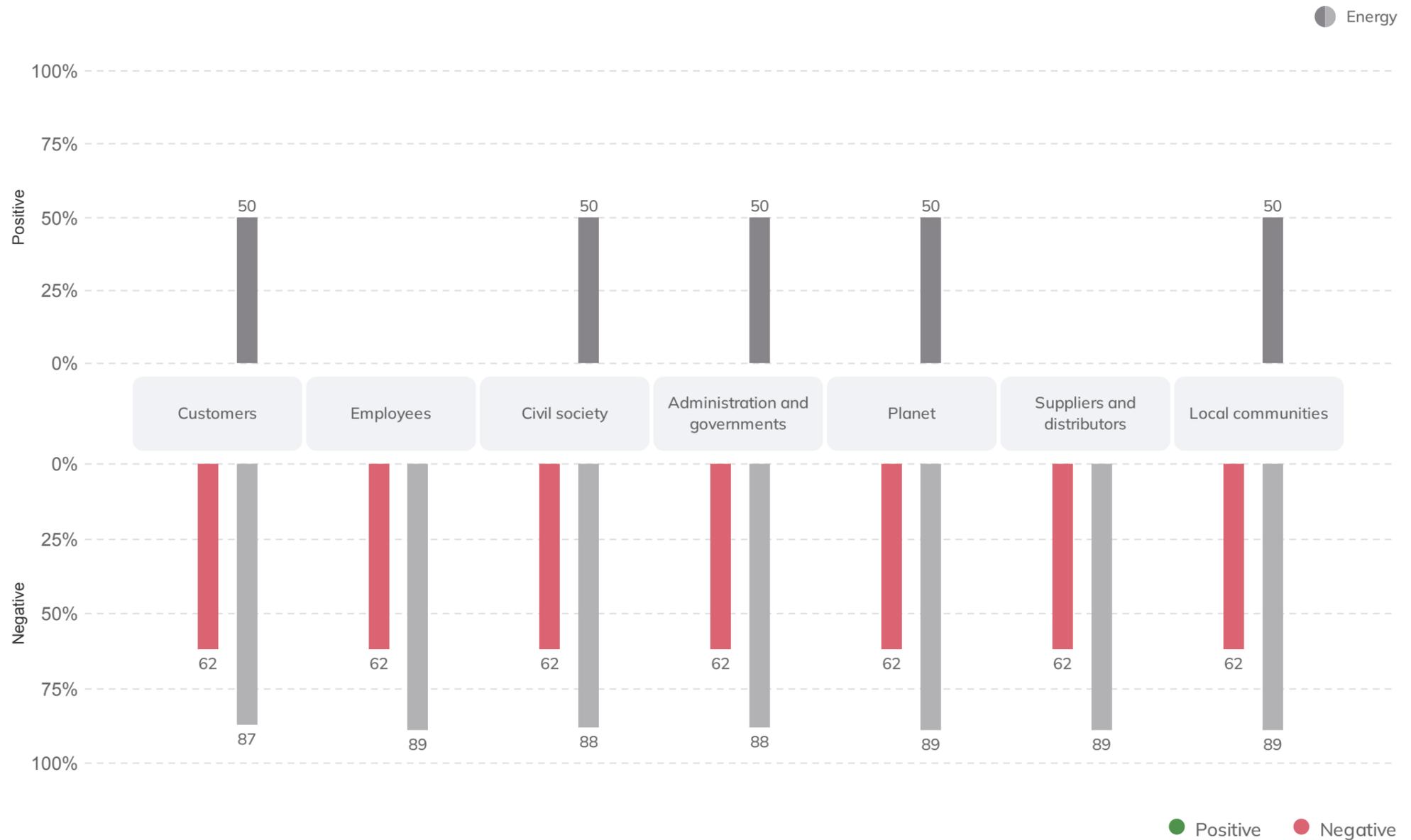
Negative SDG contributions by ESG outcome

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 12. Responsible consumption and production
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

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

Planet

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	3. Good health and well-being
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

Planet

Local communities



SDG	5. Gender Equality
Outcome	Diversity and inclusion
Company acknowledgement	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	6. Clean water and sanitation
Outcome	Water pollution
Company acknowledgement	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 6. Clean water and sanitation
 Outcome Water withdrawal and consumption
 Company acknowledgement **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 7. Affordable and clean energy
 Outcome Energy consumption
 Company acknowledgement **Yes**

Activity generating negative impact **Mitigated**

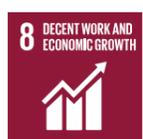
- Enhancing energy efficiency of the Exploration & Production business line by reducing the quantity of gas its facilities use to produce the energy they need;- Refining and Chemicals segment investing in energy efficiency improvements between 2018 and 2025 through appropriate architectures, equipment and technological innovations like heat 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 8. Decent work and economic growth
 Outcome Workers' health and safety
 Company acknowledgement **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



	SDG	8. Decent work and economic growth
	Outcome	Poor labour and working conditions
	Company acknowledgement	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



	SDG	12. Responsible consumption and production
	Outcome	Product or service lifecycle management
	Company acknowledgement	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





SDG	12. Responsible consumption and production
Outcome	Communication and selling practices
Company acknowledgement	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	12. Responsible consumption and production
Outcome	Waste generation and hazardous materials management
Company acknowledgement	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	13. Climate action
Outcome	Greenhouse gas emissions
Company acknowledgement	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

Planet Local communities Planet Planet



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

Customers Local communities Civil society Employees



SDG 12. Responsible consumption and production
 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
 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
- Civil society

Climate strategy

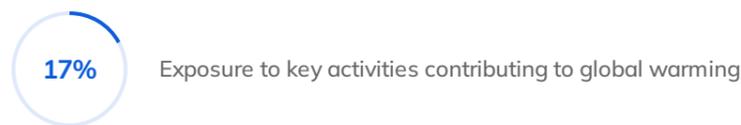
Climate strategy summary

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

Good

Partial reporting of quantity of GHG emissions (Scope 1, 2, 3) with transparent exclusions

Key climate indicators independently audited ✔

Metrics evolution

Good

Overall reduction of quantity of GHG emissions

Evolution explanation provided ✘

GHG emission reduction targets

None

The company has objectives not aligned with any scenario or no objectives at all

The organization has formally committed to the Paris Agreement ✘

Targets alignment with 2°C scenario and approbation by independent expert organizations ✘

Mitigation activities

Average

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

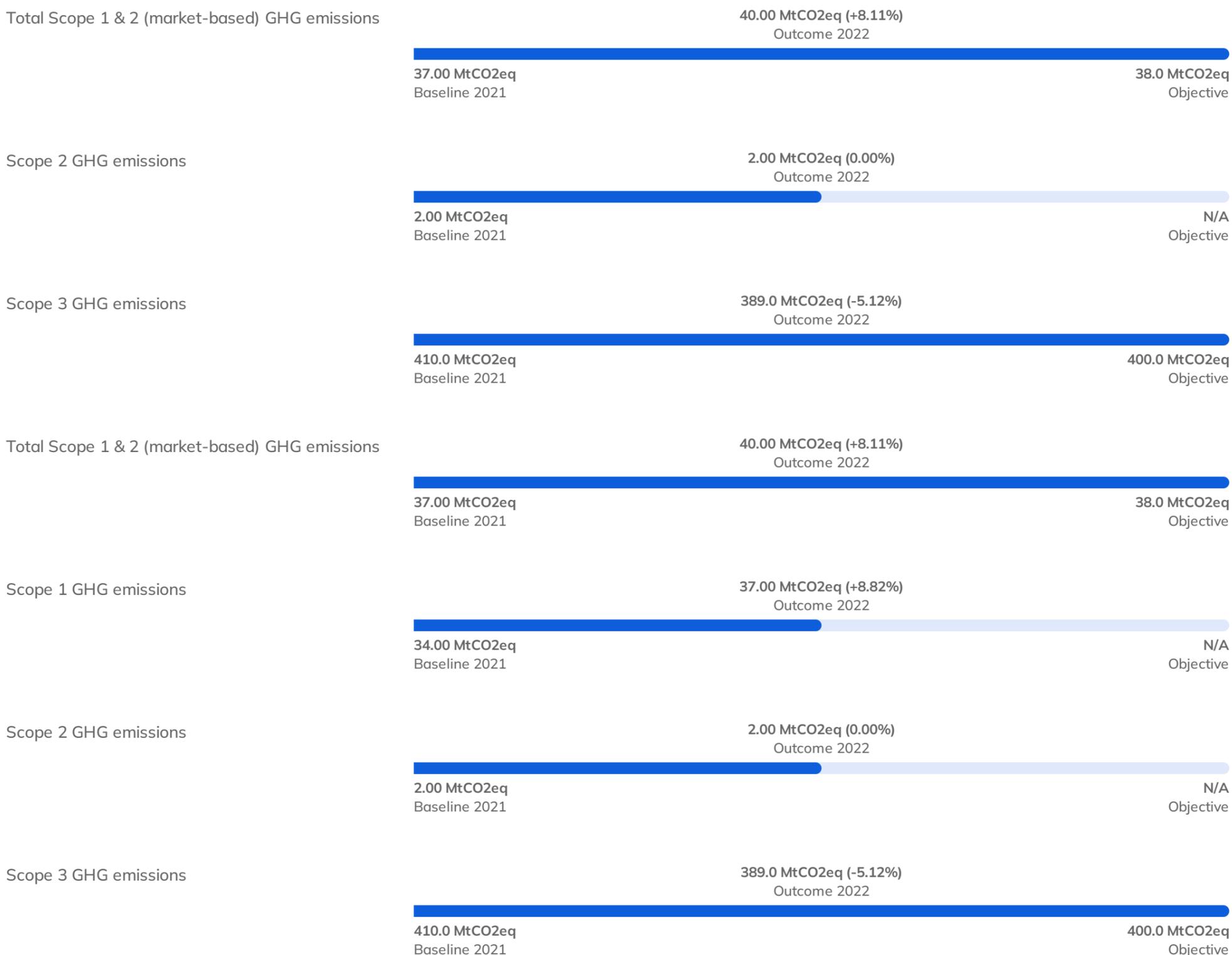
The organization implemented an adaptation scenario to climate change ✔

Enabling activities

The company has enabling activities. ✔

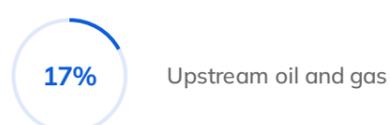
TotalEnergies conducts various enabling activities, which amount to 1.2% of its revenues. The Company is involved in the installation, maintenance and repair of renewable energy technology, manufacture of low carbon technology for transport, infrastructure enabling low carbon transport as well as charging 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.

Progression towards objectives



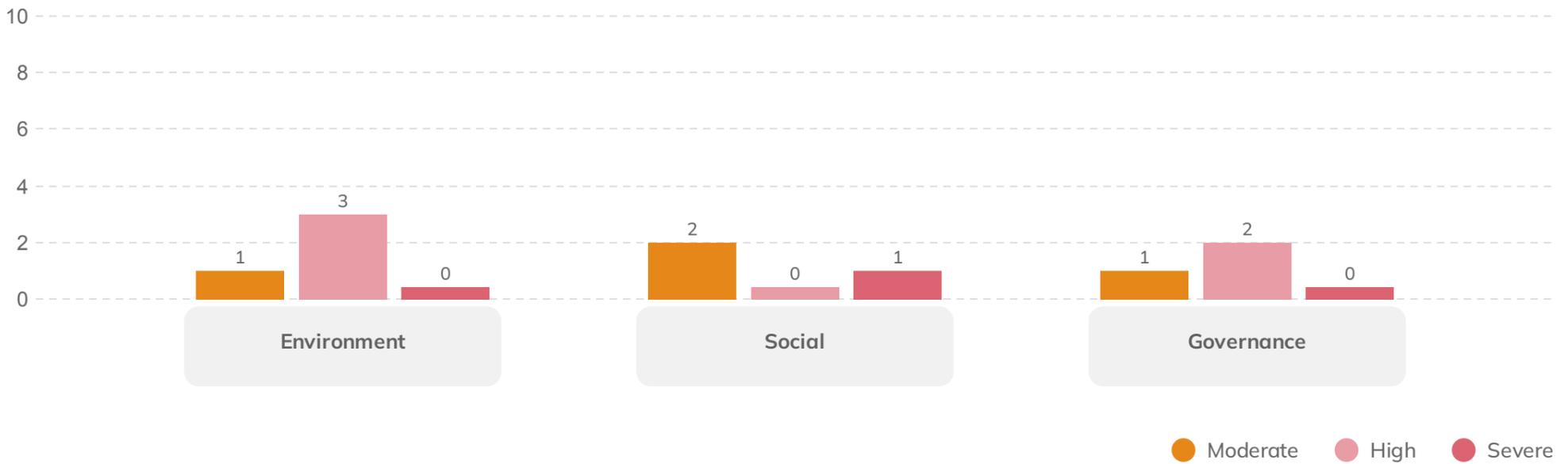
Exposure to key activities contributing to global warming limitation

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 [\[5\]](#).

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