

(4.5.1.2) Incentives

Select all that apply

- ☒ Bonus - % of salary
- ☒ Shares

(4.5.1.3) Performance metrics

Strategy and financial planning

- ☒ Achievement of climate transition plan

Emission reduction

- ☒ Implementation of an emissions reduction initiative
- ☒ Reduction in emissions intensity

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

- ☒ Long-Term Incentive Plan, or equivalent, only (e.g. contractual multi-year bonus)

(4.5.1.5) Further details of incentives

The Plan envisages the disbursement of an incentive composed of a component in Shares and a monetary component, the amount of which may vary depending upon the level of achievement of the three-year performance objectives. The compensation policy for 2024 provides that a significant portion of the long-term variable remuneration of the Chief Executive Officer/General Manager and executives with strategic responsibilities will be tied to performance objectives in relation to climate change. In particular, in the LTI 2024-26 the weight of the environmental objective concerning the reduction of greenhouse gas emissions remained unchanged to 15% of the total – compared to the previous plan. This target reflects the Scope 1 and 3 GHG emissions intensity relating to Integrated Power, thus covering both direct emissions relating to power generation (i.e., Scope 1 emissions) and indirect emissions relating to the generation of power purchased and sold by the Group to end customers (i.e., Scope 3 emissions). A gate target linked to Group Scope 1 GHG emissions intensity relating to Power Generation was associated with this target.

(4.5.1.6) How the position's incentives contribute to the achievement of your environmental commitments and/or climate transition plan

The position's incentives are directly linked to our commitment to achieving zero emissions by 2040, which is the ultimate goal of Enel's transition plan and its main KPI. This commitment aligns with the goal of limiting global warming to below 1.5°C and is supported by specific targets validated by the Science Based Targets initiative (SBTi). The incentive structure includes both Scope 1 and Scope 3 emissions related to Integrated Power, covering direct emissions from electricity generation and indirect emissions from electricity purchased and sold by the Group. These aim to support the achievement of the Strategic Plan 2025-2027 targets related to climate change mitigation, ensuring that the incentives drive the organization towards its environmental commitments and climate transition plan.

Climate change

(4.5.1.1) Position entitled to monetary incentive

Board or executive level

☒ Corporate executive team

(4.5.1.2) Incentives

Select all that apply

☒ Bonus - % of salary

☒ Shares

(4.5.1.3) Performance metrics

Strategy and financial planning

☒ Achievement of climate transition plan

Emission reduction

☒ Implementation of an emissions reduction initiative

☒ Reduction in emissions intensity

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

☒ Long-Term Incentive Plan, or equivalent, only (e.g. contractual multi-year bonus)

(4.5.1.5) Further details of incentives

Regarding the Corporate executive team, the same incentives mechanism envisaged for the CEO applies to executives with strategic priorities. The long-term variable remuneration consists of the participation in the 'Long Term Incentive Plan', which is based on the level of achievement of three-year performance objectives. The Corporate Executive team include Heads of Business Lines, Heads of Geographical Areas and Heads of Function at holding level, the Chief Procurement Officer and the CEO. One of these performance objectives is the reduction of Enel Group CO2 emissions per kWh_{eq} over a three-year period, which weighted 15% of the total long-term variable remuneration in 2024.

(4.5.1.6) How the position's incentives contribute to the achievement of your environmental commitments and/or climate transition plan

The position's incentives are directly linked to our commitment to achieving zero emissions by 2040, which is the ultimate goal of Enel's transition plan and its main KPI. This commitment aligns with the goal of limiting global warming to below 1.5°C and is supported by specific targets validated by the Science Based Targets initiative (SBTi). The incentive structure includes both Scope 1 and Scope 3 emissions related to Integrated Power, covering direct emissions from electricity generation and indirect emissions from electricity purchased and sold by the Group. These aim to support the achievement of the Strategic Plan 2025-2027 targets related to climate change mitigation, ensuring that the incentives drive the organization towards its environmental commitments and climate transition plan.

[Add row]

(4.6) Does your organization have an environmental policy that addresses environmental issues?

	Does your organization have any environmental policies?
	Select from: ☒ Yes

[Fixed row]

(4.6.1) Provide details of your environmental policies.

Row 1

(4.6.1.1) Environmental issues covered

Select all that apply

- ☒ Climate change
- ☒ Water

(4.6.1.2) Level of coverage

Select from:

- ☒ Organization-wide

(4.6.1.3) Value chain stages covered

Select all that apply

- ☒ Direct operations
- ☒ Upstream value chain
- ☒ Downstream value chain

(4.6.1.4) Explain the coverage

Enel Group's environmental policy focuses on several key areas, reflecting their commitment to sustainability and responsible growth. Specifically: Decarbonization and Renewable Energy: Enel is investing heavily in renewable energy sources and grid modernization. This is driven by the need to reduce greenhouse gas emissions and mitigate climate change impacts. Water Resource Management: Enel is focused on reducing water usage and enhancing efficiency in operations. This ensures sustainable water use, especially in regions facing water scarcity. Circular Economy and Waste Reduction: Enel promotes circular economy principles, aiming to minimize waste and maximize resource efficiency. This approach supports sustainability by reducing the environmental impact of their operations and products.

(4.6.1.5) Environmental policy content

Environmental commitments

- ☒ Commitment to comply with regulations and mandatory standards
- ☒ Commitment to stakeholder engagement and capacity building on environmental issues

Climate-specific commitments

- ☒ Commitment to 100% renewable energy
- ☒ Commitment to net-zero emissions
- ☒ Commitment to not invest in fossil-fuel expansion
- ☒ Commitment to not funding climate-denial or lobbying against climate regulations

Water-specific commitments

- ☒ Commitment to control/reduce/eliminate water pollution
- ☒ Commitment to reduce water consumption volumes
- ☒ Commitment to reduce water withdrawal volumes
- ☒ Commitment to the conservation of freshwater ecosystems

(4.6.1.6) Indicate whether your environmental policy is in line with global environmental treaties or policy goals

Select all that apply

- ☒ Yes, in line with the Paris Agreement
- ☒ Yes, in line with Sustainable Development Goal 6 on Clean Water and Sanitation

(4.6.1.7) Public availability

Select from:

- ☒ Publicly available

(4.6.1.8) Attach the policy

enel-group-environmental-policy 2024.pdf

Row 2

(4.6.1.1) Environmental issues covered

Select all that apply

☒ Biodiversity

(4.6.1.2) Level of coverage

Select from:

☒ Organization-wide

(4.6.1.3) Value chain stages covered

Select all that apply

☒ Direct operations

(4.6.1.4) Explain the coverage

Protection of biodiversity is one of the strategic objectives of “Enel’s Environmental Policy” and is regulated by a specific policy, “Enel’s Biodiversity Policy”, adopted in 2015 and renewed in 2023 following COP15. The policy defines the guidelines for all the Group’s biodiversity protection initiatives and the principles according to which they operate, aligned with the Kunming-Montreal GBF. Enel assesses the dependencies, impacts, risks and opportunities of its activities on biodiversity, natural resources and ecosystem services related to communities or groups with traditional or recognised use rights. It develops and implements infrastructure based on the principles of the Impact Mitigation Hierarchy (avoid, minimise, restore, compensate), as detailed in Enel’s Biodiversity Policy. In addition, it monitors and reports on progress towards the achievement of local and global objectives and targets, to account for performance in biodiversity and natural capital management. Enel also protects habitats of high biodiversity value, including natural forests and protected areas, and mitigates the visual and landscape impacts of power and distribution assets. It further protects archaeological assets during construction activities and promotes innovative urban biodiversity solutions in the implementation of infrastructure and services

(4.6.1.5) Environmental policy content

Environmental commitments

☒ Commitment to avoidance of negative impacts on threatened and protected species

☒ Commitment to implementation of nature-based solutions that support landscape restoration and long-term protection of natural ecosystems

- ☒ Commitment to No Net Loss
- ☒ Commitment to stakeholder engagement and capacity building on environmental issues

Additional references/Descriptions

- ☒ Description of biodiversity-related performance standards
- ☒ Description of impacts on natural resources and ecosystems

(4.6.1.6) Indicate whether your environmental policy is in line with global environmental treaties or policy goals

Select all that apply

- ☒ Yes, in line with the Kunming-Montreal Global Biodiversity Framework

(4.6.1.7) Public availability

Select from:

- ☒ Publicly available

(4.6.1.8) Attach the policy

Biodiversity policy _ Enel Group.pdf
[Add row]

(4.10) Are you a signatory or member of any environmental collaborative frameworks or initiatives?

(4.10.1) Are you a signatory or member of any environmental collaborative frameworks or initiatives?

Select from:

- ☒ Yes

(4.10.2) Collaborative framework or initiative

Select all that apply

- ☑ Business 4 Nature
- ☑ UN Global Compact
- ☑ We Mean Business
- ☑ Climate Action 100+
- ☑ Science-Based Targets for Nature (SBTN)
- ☑ Global Reporting Initiative (GRI) Community Member
- ☑ Task Force on Nature-related Financial Disclosures (TNFD)
- ☑ Task Force on Climate-related Financial Disclosures (TCFD)
- ☑ World Business Council for Sustainable Development (WBCSD)
- ☑ Other, please specify :**CLEANaction, First Movers Coalition (WEF)**

(4.10.3) Describe your organization's role within each framework or initiative

TCFD: We have supported the Taskforce since the publication of the first recommendations in 2017, promoting transparent and reliable information on the climate. In 2020, we were also a member of the TCFD Advisory Group which puts together recommendations on scenario analyses. • TNFD: We have a partnership with the TNFD through participation in the Forum, which was launched in 2021, and are working to establish a global framework for companies and financial institutions to assess and report on nature and biodiversity-related risks and opportunities. In October 2022, we joined the TNFD Pilot Program led by the WBCSD, which brings together 23 companies globally to test the new framework. Finally, in January 2024, Enel became part of the group of TNFD early adopters, committing to start publishing the first TNFD-aligned disclosure for the 2025 financial year. • SBTN: After joining the Science Based Targets Network's Corporate Engagement Program in 2021, Enel again committed to SBTN's goals and vision and contributed to the development of methods and tools. • WBCSD: Since 2016, Enel has been a member of the WBCSD and is represented both on the Board, and at Liaison Delegate level. In 2023, the Group continued to be involved in multiple programs and projects, including the Energy Pathway, for which it is also a member of the Leadership Group. Since 2022 Enel has been part of the Business Commission to Tackle Inequality, in which it is a Commissioner and participates in various working groups. The Group has also played an active role in the projects: "Nature-based solutions", "Transport & Mobility", "Carbon Capture Storage and Removals" • Climate Action 100: This engagement started in 2018 under the Climate Action 100 initiative. Enel was evaluated in 2023 in the Net Zero Company Benchmark of Climate Action 100, and ranked in the top 3 on a global level and as a best performer at Electric Utilities sector level in the Electric Utilities Benchmark of the World Benchmarking Alliance (WBA). • UN Global Compact: In 2004 we joined the United Nations Global Compact, committing to its ten principles on human rights, labor standards, environmental protection, and anti-corruption. In 2023 we continued our commitment to sustainable finance, co-chaired the "CFO Coalition for the SDGs", joined the new Advisory Board, and contributing to several reports. We were also part of the Think Lab on Just Transition, continued as a patron of Transformational Governance and joined the Business & Human Rights Accelerator. In 2023, we were among the early movers in the Forward Faster Campaign, committing to ambitious targets in Climate Action and Finance Investment to accelerate progress on the SDGs. • GRI Community Member: We have been a member of the Global Reporting Initiative (GRI) since 2006, and part of the GRI Community since 2016. In 2023 we continued to engage with the other members of the Global Sustainability Standards Board, once again confirming our efforts to achieve the Sustainable Development Goals, while demonstrating commitment, accountability and transparency. Since 2020, we have been part of the Global Sustainability Standards Board, the independent body that has the exclusive responsibility for developing and issuing the Global Reporting Initiative (GRI) Standards. • Enel collaborates with the We Mean Business Coalition through initiatives and campaigns targeted toward accelerating a just transition and toward a world aligned with the climatic goal of 1.5 C. In April 2023 the Group became part of the Energy Advisory Group of the coalition that provides guidelines and advice on the most recent developments in terms of challenges and opportunities for the energy sector. In addition, Enel also contributed to the Corporate Climate Stocktake (CCST) report, which records the progress, challenges and opportunities of the private sector for reaching the Net Zero target • the partnership with Business for Nature, launched in 2020 with the signing of the call to action "Nature is Everyone's Business", has continued over the years to call on governments to adopt ambitious environmental policies to reverse the loss of nature in this decade. In 2023 Enel also contributed to the definition of the new Business for Nature strategy, participating in the "Business for Nature's Business Action Strategy" workshop • Participation as a member of the CLEANaction, promoted by WWF, which involves electrical companies and sector associations with the

objective of assessing and mitigating the impacts and potential risks that new renewable energy generation projects could have on biodiversity and nature. Since 2022 Enel has been member of the First Movers Coalition, the initiative launched by the World Economic Forum and the US Special Presidential Envoy for Climate John Kerry, harnessing the purchasing power of companies to decarbonize seven “hard to abate” industrial sectors. We are in the steel working group.
[Fixed row]

(4.11) In the reporting year, did your organization engage in activities that could directly or indirectly influence policy, law, or regulation that may (positively or negatively) impact the environment?

(4.11.1) External engagement activities that could directly or indirectly influence policy, law, or regulation that may impact the environment

Select all that apply

- ☒ Yes, we engaged directly with policy makers
- ☒ Yes, we engaged indirectly through, and/or provided financial or in-kind support to a trade association or other intermediary organization or individual whose activities could influence policy, law, or regulation

(4.11.2) Indicate whether your organization has a public commitment or position statement to conduct your engagement activities in line with global environmental treaties or policy goals

Select from:

- ☒ Yes, we have a public commitment or position statement in line with global environmental treaties or policy goals

(4.11.3) Global environmental treaties or policy goals in line with public commitment or position statement

Select all that apply

- ☒ Paris Agreement
- ☒ Kunming-Montreal Global Biodiversity Framework
- ☒ Sustainable Development Goal 6 on Clean Water and Sanitation

(4.11.4) Attach commitment or position statement

Climate Policy Advocacy Report + Integrated Annual Report 2024_.pdf

(4.11.5) Indicate whether your organization is registered on a transparency register

Select from:

☒ Yes

(4.11.6) Types of transparency register your organization is registered on

Select all that apply

☒ Mandatory government register

(4.11.7) Disclose the transparency registers on which your organization is registered & the relevant ID numbers for your organization

Enel is committed to acting in a transparent and responsible manner. As such, it is registered with the European Transparency Register, whose specific activities are related to major EU legislative and/or policy proposals: https://transparency-register.europa.eu/search-register-or-update/organisation-detail_it?id=6256831207-27. By registering, Enel signed the Transparency Register Code of Conduct and also declared that it is bound by its own Code of Ethics.

(4.11.8) Describe the process your organization has in place to ensure that your external engagement activities are consistent with your environmental commitments and/or transition plan

We are committed to ensuring that our direct advocacy activities are aligned with the objectives of the Paris Agreement. This involves engaging a wide range of stakeholders including public institutions, trade associations, non-governmental organisations and academia to promote our climate vision and policies aimed at eliminating greenhouse gas emissions. Stakeholder engagement is crucial to evolving the policy framework towards ambitious climate targets and fostering an economy where carbon pricing guides long-term investments. We engage directly with policy makers, influence the positioning of trade associations and interact with a wide range of stakeholders to build consensus and support for the path to decarbonization of the global economy, which is the goal of the Paris Agreement. The global coordination of the Enel Group's advocacy on climate policies is provided by the Energy and Climate Policies unit. This unit is responsible for ensuring the consistency of global scenarios and positions of the Group on climate policies with the support of Countries and the Global Business Lines. Its objective is to guide Enel's national and local advocacy activities, thanks to a continuous dialogue with institutions and the widest possible range of stakeholders who are active in the climate debate. In addition, we ensure that the sectoral associations, business networks and think tanks of which we are members operate in accordance with the Paris Agreement and the decarbonisation roadmap. We systematically check the consistency of these associations. This verification process is carried out in two stages: (i) before joining the association, through an in-depth analysis of the body's by-laws, in line with the Climate Policy issued in September 2021; (ii) after joining the association, by actively contributing to its work and/or taking positions of responsibility within it or promoting the Enel Group's position within working groups. Finally, a review of the level of alignment of the associations with Enel's strategy is conducted annually. Engagement with Public Authorities at global level, particularly in Europe, are managed by the European Affairs (EA) function in close collaboration with the Group's Business Lines and countries, guaranteeing full alignment with company's energy transition commitment, including water related issues.

[Fixed row]

(4.11.1) On what policies, laws, or regulations that may (positively or negatively) impact the environment has your organization been engaging directly with policy makers in the reporting year?

Row 1

(4.11.1.1) Specify the policy, law, or regulation on which your organization is engaging with policy makers

Revision of the Energy Taxation Directive

(4.11.1.2) Environmental issues the policy, law, or regulation relates to

Select all that apply

☒ Climate change

(4.11.1.3) Focus area of policy, law, or regulation that may impact the environment

Financial mechanisms (e.g., taxes, subsidies, etc.)

☒ Carbon taxes

(4.11.1.4) Geographic coverage of policy, law, or regulation

Select from:

☒ Regional

(4.11.1.5) Country/area/region the policy, law, or regulation applies to

Select all that apply

☒ Other, please specify :EU28

(4.11.1.6) Your organization's position on the policy, law, or regulation

Select from:

- ☒ Support with no exceptions

(4.11.1.8) Type of direct engagement with policy makers on this policy, law, or regulation

Select all that apply

- ☒ Discussion in public forums
- ☒ Participation in working groups organized by policy makers
- ☒ Responding to consultations

(4.11.1.9) Funding figure your organization provided to policy makers in the reporting year relevant to this policy, law, or regulation (currency)

0

(4.11.1.10) Explain the relevance of this policy, law, or regulation to the achievement of your environmental commitments and/or transition plan, how this has informed your engagement, and how you measure the success of your engagement

Revision of the Energy Taxation Directive: the revision is a key element for effectively integrating energy and climate policies, providing price signals to support the transition to clean energy. In 2024, Enel continued to support the proposal to revise the Energy Taxation Directive, recognizing the increasingly urgent need to align energy taxation in the EU with climate and environmental goals while considering current and expected technological developments. It is crucial to review the fiscal framework by promoting a taxation system based on the energy content and carbon footprint of energy products

(4.11.1.11) Indicate if you have evaluated whether your organization's engagement on this policy, law, or regulation is aligned with global environmental treaties or policy goals

Select from:

- ☒ Yes, we have evaluated, and it is aligned

(4.11.1.12) Global environmental treaties or policy goals aligned with your organization's engagement on this policy, law or regulation

Select all that apply

☒ Paris Agreement

Row 2

(4.11.1.1) Specify the policy, law, or regulation on which your organization is engaging with policy makers

Net Zero Industry Act (NZIA)

(4.11.1.2) Environmental issues the policy, law, or regulation relates to

Select all that apply

☒ Climate change

(4.11.1.3) Focus area of policy, law, or regulation that may impact the environment

Energy and renewables

☒ Renewable energy generation

(4.11.1.4) Geographic coverage of policy, law, or regulation

Select from:

☒ Regional

(4.11.1.5) Country/area/region the policy, law, or regulation applies to

Select all that apply

☒ Other, please specify :EU28

(4.11.1.6) Your organization's position on the policy, law, or regulation

Select from:

☒ Support with no exceptions

(4.11.1.8) Type of direct engagement with policy makers on this policy, law, or regulation

Select all that apply

- ☒ Discussion in public forums
- ☒ Participation in working groups organized by policy makers
- ☒ Responding to consultations

(4.11.1.9) Funding figure your organization provided to policy makers in the reporting year relevant to this policy, law, or regulation (currency)

0

(4.11.1.10) Explain the relevance of this policy, law, or regulation to the achievement of your environmental commitments and/or transition plan, how this has informed your engagement, and how you measure the success of your engagement

Net Zero Industry Act (NZIA): the legislation focuses on accelerating the EU's transition to renewable energy and strengthening industrial competitiveness to achieve climate neutrality. Recent developments in the regulation emphasize the design and inclusion of non-price criteria in renewable energy auctions, encouraging swift deployment of clean energy sources through competitive and transparent processes. Enel advocated for an urgent adoption of non-price criteria in auctions to foster supplier competition, reduce costs for consumers, and ensure timely project delivery. Harmonization is crucial, with standardized, measurable criteria and clear evaluation guidelines to align Member States' frameworks with NZIA.

(4.11.1.11) Indicate if you have evaluated whether your organization's engagement on this policy, law, or regulation is aligned with global environmental treaties or policy goals

Select from:

- ☒ Yes, we have evaluated, and it is aligned

(4.11.1.12) Global environmental treaties or policy goals aligned with your organization's engagement on this policy, law or regulation

Select all that apply

- ☒ Paris Agreement

Row 3

(4.11.1.1) Specify the policy, law, or regulation on which your organization is engaging with policy makers

National Energy and Climate Plan

(4.11.1.2) Environmental issues the policy, law, or regulation relates to

Select all that apply

☒ Climate change

(4.11.1.3) Focus area of policy, law, or regulation that may impact the environment

Energy and renewables

☒ Renewable energy generation

(4.11.1.4) Geographic coverage of policy, law, or regulation

Select from:

☒ National

(4.11.1.5) Country/area/region the policy, law, or regulation applies to

Select all that apply

☒ Italy

(4.11.1.6) Your organization's position on the policy, law, or regulation

Select from:

☒ Support with no exceptions

(4.11.1.8) Type of direct engagement with policy makers on this policy, law, or regulation

Select all that apply

- ☒ Discussion in public forums
- ☒ Participation in working groups organized by policy makers
- ☒ Responding to consultations

(4.11.1.9) Funding figure your organization provided to policy makers in the reporting year relevant to this policy, law, or regulation (currency)

0

(4.11.1.10) Explain the relevance of this policy, law, or regulation to the achievement of your environmental commitments and/or transition plan, how this has informed your engagement, and how you measure the success of your engagement

National Energy and Climate Plan: Enel actively contributed to the second consultation launched by MASE on the National Integrated Energy and Climate Plan (PNIEC). Enel's participation focused on key aspects such as the development of renewable energy and the need to simplify authorization processes and promote incentive mechanisms to accelerate the deployment of renewable sources - especially solar and wind. Energy efficiency was also addressed, with emphasis on reinforcing support mechanisms for building upgrades and the transition in industrial and agricultural sectors, adopting an integrated approach to energy communities. Infrastructure and energy security were highlighted for their crucial role in safely and resiliently integrating an increasing share of renewable energy

(4.11.1.11) Indicate if you have evaluated whether your organization's engagement on this policy, law, or regulation is aligned with global environmental treaties or policy goals

Select from:

- ☒ Yes, we have evaluated, and it is aligned

(4.11.1.12) Global environmental treaties or policy goals aligned with your organization's engagement on this policy, law or regulation

Select all that apply

- ☒ Paris Agreement

Row 4

(4.11.1.1) Specify the policy, law, or regulation on which your organization is engaging with policy makers

Clean Industrial Deal

(4.11.1.2) Environmental issues the policy, law, or regulation relates to

Select all that apply

☒ Climate change

(4.11.1.3) Focus area of policy, law, or regulation that may impact the environment

Energy and renewables

☒ Energy efficiency requirements

(4.11.1.4) Geographic coverage of policy, law, or regulation

Select from:

☒ Regional

(4.11.1.5) Country/area/region the policy, law, or regulation applies to

Select all that apply

☒ Other, please specify :EU28

(4.11.1.6) Your organization's position on the policy, law, or regulation

Select from:

☒ Support with no exceptions

(4.11.1.8) Type of direct engagement with policy makers on this policy, law, or regulation

Select all that apply

☒ Discussion in public forums

- ☒ Participation in working groups organized by policy makers
- ☒ Responding to consultations

(4.11.1.9) Funding figure your organization provided to policy makers in the reporting year relevant to this policy, law, or regulation (currency)

0

(4.11.1.10) Explain the relevance of this policy, law, or regulation to the achievement of your environmental commitments and/or transition plan, how this has informed your engagement, and how you measure the success of your engagement

Clean Industrial Deal: the act is one of the initiatives of the new EU Commission aiming at accelerating the EU's industrial transition towards climate neutrality, fostering competitiveness while supporting the deployment of clean technologies. Recent developments emphasize the urgent need for a swift implementation of measures under the Electricity Market Design and RED III in order to facilitate the adoption of renewable energy and associated hedging instruments. In such context Enel has promoted, by the means of a study, a robust and liquid market for Power Purchase Agreements (PPAs) to transfer the benefits of low-cost, low-carbon energy to consumers, industries, and SMEs. A European framework, such as a "Clean Shift Initiative" centered on industrial electrification, could establish common guidelines and allocate financing through competitive mechanisms such as Auctions-as-a-Service. Green quotas for EU industrial products and non-price criteria in public procurement could enhance Europe's global competitiveness while aligning with sustainability goals. These measures collectively aim to accelerate decarbonization, support fair competition, and strengthen the EU's leadership in the green transition.

(4.11.1.11) Indicate if you have evaluated whether your organization's engagement on this policy, law, or regulation is aligned with global environmental treaties or policy goals

Select from:

- ☒ Yes, we have evaluated, and it is aligned

(4.11.1.12) Global environmental treaties or policy goals aligned with your organization's engagement on this policy, law or regulation

Select all that apply

- ☒ Paris Agreement

Row 5

(4.11.1.1) Specify the policy, law, or regulation on which your organization is engaging with policy makers*Revision of the EU Governance Regulation***(4.11.1.2) Environmental issues the policy, law, or regulation relates to***Select all that apply*☒ Climate change**(4.11.1.3) Focus area of policy, law, or regulation that may impact the environment***Other*☒ Climate transition plans**(4.11.1.4) Geographic coverage of policy, law, or regulation***Select from:*☒ Regional**(4.11.1.5) Country/area/region the policy, law, or regulation applies to***Select all that apply*☒ Other, please specify :EU28**(4.11.1.6) Your organization's position on the policy, law, or regulation***Select from:*☒ Support with no exceptions**(4.11.1.8) Type of direct engagement with policy makers on this policy, law, or regulation***Select all that apply*☒ Discussion in public forums

- ☒ Participation in working groups organized by policy makers
- ☒ Responding to consultations

(4.11.1.9) Funding figure your organization provided to policy makers in the reporting year relevant to this policy, law, or regulation (currency)

0

(4.11.1.10) Explain the relevance of this policy, law, or regulation to the achievement of your environmental commitments and/or transition plan, how this has informed your engagement, and how you measure the success of your engagement

Revision of the EU Governance Regulation: the revision is another initiative included in the European Commission plan for its 2024-2029 mandate. Adopted in 2018, the Governance Regulation established a governance mechanism to help the EU meet the objectives and targets of the Energy Union, as well as EU commitments under the Paris Agreement. Since its adoption, the political and geopolitical context for the EU has changed notably. The assessment conducted by the Commission in 2024 has evidenced areas for improvement and the need to revise the Regulation to ensure its coherence with other EU legislations under the Fit-for-55. During 2024, Enel has actively engaged with stakeholders, associations and EU institutions, sharing the company's point of view on how to make the Governance regulation more efficient, reduce the administrative burden for businesses and public bodies, increase certainty for investors and accelerate permitting of investments needed for the energy transition and the EU energy system.

(4.11.1.11) Indicate if you have evaluated whether your organization's engagement on this policy, law, or regulation is aligned with global environmental treaties or policy goals

Select from:

- ☒ Yes, we have evaluated, and it is aligned

(4.11.1.12) Global environmental treaties or policy goals aligned with your organization's engagement on this policy, law or regulation

Select all that apply

- ☒ Paris Agreement

Row 6

(4.11.1.1) Specify the policy, law, or regulation on which your organization is engaging with policy makers*National Energy and Climate Plan***(4.11.1.2) Environmental issues the policy, law, or regulation relates to***Select all that apply*☒ Water**(4.11.1.3) Focus area of policy, law, or regulation that may impact the environment**

Low-impact production and innovation

☒ Water use and efficiency**(4.11.1.4) Geographic coverage of policy, law, or regulation***Select from:*☒ National**(4.11.1.5) Country/area/region the policy, law, or regulation applies to***Select all that apply*☒ Italy**(4.11.1.6) Your organization's position on the policy, law, or regulation***Select from:*☒ Support with no exceptions**(4.11.1.8) Type of direct engagement with policy makers on this policy, law, or regulation***Select all that apply*☒ Discussion in public forums

- ☒ Participation in working groups organized by policy makers
- ☒ Responding to consultations

(4.11.1.9) Funding figure your organization provided to policy makers in the reporting year relevant to this policy, law, or regulation (currency)

0

(4.11.1.10) Explain the relevance of this policy, law, or regulation to the achievement of your environmental commitments and/or transition plan, how this has informed your engagement, and how you measure the success of your engagement

National Energy and Climate Plan: Enel actively contributed to the second consultation launched by MASE on the National Integrated Energy and Climate Plan (PNIEC). Enel's participation focused on key aspects such as the development of renewable energy and the need to simplify authorization processes and promote incentive mechanisms to accelerate the deployment of renewable sources - especially solar and wind. Energy efficiency was also addressed, with emphasis on reinforcing support mechanisms for building upgrades and the transition in industrial and agricultural sectors, adopting an integrated approach to energy communities. Infrastructure and energy security were highlighted for their crucial role in safely and resiliently integrating an increasing share of renewable energy. Given the interconnection between energy systems and water use, especially in the agricultural and industrial sectors, the proposed measures may indirectly support water efficiency improvements and help reduce pressure on freshwater resources.

(4.11.1.11) Indicate if you have evaluated whether your organization's engagement on this policy, law, or regulation is aligned with global environmental treaties or policy goals

Select from:

- ☒ Yes, we have evaluated, and it is aligned

(4.11.1.12) Global environmental treaties or policy goals aligned with your organization's engagement on this policy, law or regulation

Select all that apply

- ☒ Sustainable Development Goal 6 on Clean Water and Sanitation
- [Add row]

(4.11.2) Provide details of your indirect engagement on policy, law, or regulation that may (positively or negatively) impact the environment through trade associations or other intermediary organizations or individuals in the reporting year.

Row 1

(4.11.2.1) Type of indirect engagement

Select from:

☒ Indirect engagement via a trade association

(4.11.2.4) Trade association

Europe

☒ Eurelectric

(4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position

Select all that apply

☒ Climate change

(4.11.2.6) Indicate whether your organization's position is consistent with the organization or individual you engage with

Select from:

☒ Consistent

(4.11.2.7) Indicate whether your organization attempted to influence the organization or individual's position in the reporting year

Select from:

☒ Yes, we publicly promoted their current position

(4.11.2.8) Describe how your organization's position is consistent with or differs from the organization or individual's position, and any actions taken to influence their position

Eurelectric is the sector association which represents the common interests of the electricity industry at pan-European level, plus its affiliates and associates on several other continents. The association counts over 33 full members, representing over 3500 companies in Europe. Eurelectric contributes to the development and competitiveness of the electricity industry, provides effective representation of the industry in public affairs and promotes the role of a low-carbon electricity mix. We are well represented in the association, with more than 40 delegates from Group companies, holding key positions within the association (at decision-making level and in committees, working groups and in different task forces). Eurelectric published the "Decarbonisation Speedways" study, stressing the REPowerEU-inspired scenario, based on large-scale electrification as the way forward in Europe's decarbonisation journey. In 2024 Enel contributed to Working Groups, studies developed by the association (such as the "Electrification Action Plan"), and to the development of acts and regulations.

(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)

0

(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals

Select from:

☒ Yes, we have evaluated, and it is aligned

(4.11.2.12) Global environmental treaties or policy goals aligned with your organization's engagement on policy, law or regulation

Select all that apply

☒ Paris Agreement

Row 2

(4.11.2.1) Type of indirect engagement

Select from:

☒ Indirect engagement via a trade association

(4.11.2.4) Trade association

Europe

☒ WindEurope

(4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position

Select all that apply

☒ Climate change

(4.11.2.6) Indicate whether your organization's position is consistent with the organization or individual you engage with

Select from:

☒ Consistent

(4.11.2.7) Indicate whether your organization attempted to influence the organization or individual's position in the reporting year

Select from:

☒ Yes, we publicly promoted their current position

(4.11.2.8) Describe how your organization's position is consistent with or differs from the organization or individual's position, and any actions taken to influence their position

WindEurope advocates wind energy policies for Europe on behalf of more than 450 member companies and organizes leading wind industry events. The association analyses, formulates and establishes policy positions for the wind industry on key strategic sectoral issues, while cooperating with industry and research institutions on several market development and technology research projects. We participate in the association as a member of the Board and as Chair of the Market and Investment Working Group. We also participate with experts in several Working Groups. Five Enel representatives attended the Annual Event in Bilbao. In 2024 Enel participated to the drafting of the main papers on energy transition and decarbonization, including: Paper on Clean Industrial Deal; Paper on Forward Market; the association's Work Programme.

(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)

0

(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals*Select from:*☒ Yes, we have evaluated, and it is aligned**(4.11.2.12) Global environmental treaties or policy goals aligned with your organization's engagement on policy, law or regulation***Select all that apply*☒ Paris Agreement**Row 3****(4.11.2.1) Type of indirect engagement***Select from:*☒ Indirect engagement via a trade association**(4.11.2.4) Trade association**

Europe

☒ SolarPower Europe**(4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position***Select all that apply*

☒ Climate change

(4.11.2.6) Indicate whether your organization's position is consistent with the organization or individual you engage with

Select from:

☒ Consistent

(4.11.2.7) Indicate whether your organization attempted to influence the organization or individual's position in the reporting year

Select from:

☒ Yes, we publicly promoted their current position

(4.11.2.8) Describe how your organization's position is consistent with or differs from the organization or individual's position, and any actions taken to influence their position

SolarPower Europe represents organizations active along the entire PV value chain, with the aim of defining the regulatory environment and improving business opportunities for solar photovoltaics in Europe. The association advocates for solar as the main energy source by 2030. During 2023, we maintained the Presidency of the Board and our presence on the Advocacy Committee, with experts participating in various Workstreams. We served as Chair of the Renewable Hydrogen and Electrification Workstream, as well as Chair and Vice-Chair of the Manufacturing Workstream. In 2023, 3SUN (the Enel Green Power Group company focused on PV panels production) joined the association as member. In 2024 Enel has been working with SolarPower Europe to successfully positioning solarbased energy solutions with policymakers at the European level, contributing in leading energy market analysis, ensuring solar-based energy solutions have access to financing and funding across Europe. Enel has worked to shape the association's advocacy in the Electricity Market Design, the RED III, and the Net Zero Industry Act and its Implementing Acts, the Grids Action Plan, the Electrification strategy.

(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)

0

(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals

Select from:

☒ Yes, we have evaluated, and it is aligned

(4.11.2.12) Global environmental treaties or policy goals aligned with your organization's engagement on policy, law or regulation

Select all that apply

☒ Paris Agreement

Row 4

(4.11.2.1) Type of indirect engagement

Select from:

☒ Indirect engagement via a trade association

(4.11.2.4) Trade association

Europe

☒ Other trade association in Europe, please specify :The European Association for Storage of Energy (EASE)

(4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position

Select all that apply

☒ Climate change

(4.11.2.6) Indicate whether your organization's position is consistent with the organization or individual you engage with

Select from:

☒ Consistent

(4.11.2.7) Indicate whether your organization attempted to influence the organization or individual's position in the reporting year

Select from:

☒ Yes, we publicly promoted their current position

(4.11.2.8) Describe how your organization's position is consistent with or differs from the organization or individual's position, and any actions taken to influence their position

EASE is the leading member-supported association representing organizations active across the entire energy storage value chain. EASE supports the cost-effective transition to a resilient, climate-neutral, and secure energy system. EASE responded to the European Commission's consultation on the 2040 EU Target by advocating for a 90% reduction of EU GHG emissions. We hold the role of President of the association. Several representatives, from different Enel Business Lines (Enel X, Enel Green Power) attended the technical committees and the strategy meetings held in EASE. In 2024 Enel participated in the EASE Annual Event and actively contributed to the recent positionings and papers on Electricity Market Design, flexibility, batteries and storage, and the Net Zero Industry Act.

(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)

0

(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals

Select from:

☒ Yes, we have evaluated, and it is aligned

(4.11.2.12) Global environmental treaties or policy goals aligned with your organization's engagement on policy, law or regulation

Select all that apply

☒ Paris Agreement

Row 5

(4.11.2.1) Type of indirect engagement

Select from:

☒ Indirect engagement via a trade association

(4.11.2.4) Trade association

Europe

☒ SmartEN

(4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position

Select all that apply

☒ Climate change

(4.11.2.6) Indicate whether your organization's position is consistent with the organization or individual you engage with

Select from:

☒ Consistent

(4.11.2.7) Indicate whether your organization attempted to influence the organization or individual's position in the reporting year

Select from:

☒ Yes, we publicly promoted their current position

(4.11.2.8) Describe how your organization's position is consistent with or differs from the organization or individual's position, and any actions taken to influence their position

SmartEn is the European business association integrating the consumer driven solutions of the clean energy transition. The association advocates for a cross-sectoral single voice for innovative market players driving digital, decentralised, and decarbonised energy solutions. In 2024 Enel participated in the association as member of the Association Delegation.

(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)

0

(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals

Select from:

☒ Yes, we have evaluated, and it is aligned

(4.11.2.12) Global environmental treaties or policy goals aligned with your organization's engagement on policy, law or regulation

Select all that apply

☒ Paris Agreement

Row 6

(4.11.2.1) Type of indirect engagement

Select from:

☒ Indirect engagement via a trade association

(4.11.2.4) Trade association

Africa

☒ Other trade association in Africa, please specify :RES4Africa

(4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position

Select all that apply

☒ Climate change

(4.11.2.6) Indicate whether your organization's position is consistent with the organization or individual you engage with

Select from:

☒ Consistent**(4.11.2.7) Indicate whether your organization attempted to influence the organization or individual's position in the reporting year**

Select from:

☒ Yes, we publicly promoted their current position**(4.11.2.8) Describe how your organization's position is consistent with or differs from the organization or individual's position, and any actions taken to influence their position**

RES4Africa supports Africa's just energy transition in order to achieve the SDG7 of ensuring access to energy for all. It functions as a bridge between Europe and Africa: gathering a network of members from the full spectre of the clean energy sector, ensuring constant dialogue between the most relevant energy stakeholders willing to mobilize investments in clean energy technologies. In 2023, RES4Africa had more than 100 partnerships worldwide, around Training of approx. 1500 people (capacity building in Africa with the support of Enel Green Power) and publishing more than 30 studies published on the key issues of energy transition and increasing RES energy in Africa. We are one of the financing partners of the association and hold the presidency, which is held by the current CEO of Enel Green Power. A significant portion of the Res4Africa initiatives was proposed and co-defined with the support of Enel team members. Additionally, we actively contributed by participating to debate/studies/conference/ trainings on how to accelerate the SDGs on climate and RES. Enel is one of the financing partners of the association and holds the presidency, which is held by the current CEO of Enel Green Power.

(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)

0

(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals

Select from:

☒ Yes, we have evaluated, and it is aligned

(4.11.2.12) Global environmental treaties or policy goals aligned with your organization's engagement on policy, law or regulation

Select all that apply

☒ Paris Agreement

Row 7

(4.11.2.1) Type of indirect engagement

Select from:

☒ Indirect engagement via a trade association

(4.11.2.4) Trade association

Europe

☒ Other trade association in Europe, please specify :Confindustria

(4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position

Select all that apply

☒ Climate change

(4.11.2.6) Indicate whether your organization's position is consistent with the organization or individual you engage with

Select from:

☒ Consistent

(4.11.2.7) Indicate whether your organization attempted to influence the organization or individual's position in the reporting year

Select from:

☒ Yes, we publicly promoted their current position

(4.11.2.8) Describe how your organization's position is consistent with or differs from the organization or individual's position, and any actions taken to influence their position

Confindustria is the main general Confederation of Italian industry. It is committed in promoting the green energy transition as a development opportunity, pursuing a balanced and sustainable approach towards achieving climate and energy goals while ensuring the reservation of Italian industrial leadership in the international landscape. In 2024 Enel has actively contributed to the debate, emphasizing the importance of a national and European strategy aimed at reducing dependence on volatile energy raw material imports, while promoting strategic autonomy that leverages the potential of clean electrification powered by renewable sources. The main actions focus on promoting the adoption of a technological neutrality approach, prioritizing the implementation of already mature technologies (such as electrification and renewable energies), while also fostering research and development for the solutions needed to achieve long-term goals, particularly in hard-to-abate sectors (such as nuclear energy).

(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)

0

(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals

Select from:

☒ Yes, we have evaluated, and it is aligned

(4.11.2.12) Global environmental treaties or policy goals aligned with your organization's engagement on policy, law or regulation

Select all that apply

☒ Paris Agreement

Row 8

(4.11.2.1) Type of indirect engagement

Select from:

☒ Indirect engagement via a trade association

(4.11.2.4) Trade association

Global

☒ Other global trade association, please specify ::International Emission Trading Association

(4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position

Select all that apply

☒ Climate change

(4.11.2.6) Indicate whether your organization's position is consistent with the organization or individual you engage with

Select from:

☒ Consistent

(4.11.2.7) Indicate whether your organization attempted to influence the organization or individual's position in the reporting year

Select from:

☒ Yes, we publicly promoted their current position

(4.11.2.8) Describe how your organization's position is consistent with or differs from the organization or individual's position, and any actions taken to influence their position

The International Emissions Trading Association (IETA) is a non-profit corporate organization with more than 100 members across companies, geographic areas and disciplines promoting the use of carbon trading as a lever to pursue global climate ambition, to achieve the goals of the Paris Agreement and net-zero emissions by 2050. IETA's mission is to empower business to pursue net zero ambitions and to establish effective market-based trading systems for GHG emissions and reductions that are environmentally robust, efficient, accountable and consistent across national boundaries. We hold a position on the Board of IETA, contributing to

focusing IETA's attention on ensuring a truly sustainable implementation of Emission Trading systems (ETS) worldwide. We are also active in working groups and task forces. We participated in high level dedicated workshops in EU and International fora on GHG market and trading systems; the Group contributed to the development of position papers supporting Enel's view on the EU ETS, to promote market mechanisms and participation in GHG markets. In 2024 Enel participated in high level dedicated workshops in EU and International fora on GHG market and trading systems; the Group contributed to shaping the view on the evolution of ETS framework post-2030, to promote market mechanisms and participation in GHG markets.

(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)

0

(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals

Select from:

☒ Yes, we have evaluated, and it is aligned

(4.11.2.12) Global environmental treaties or policy goals aligned with your organization's engagement on policy, law or regulation

Select all that apply

☒ Paris Agreement

Row 9

(4.11.2.1) Type of indirect engagement

Select from:

☒ Indirect engagement via a trade association

(4.11.2.4) Trade association

Europe

☒ Other trade association in Europe, please specify :Kyoto Club

(4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position

Select all that apply

☒ Climate change

(4.11.2.6) Indicate whether your organization's position is consistent with the organization or individual you engage with

Select from:

☒ Consistent

(4.11.2.7) Indicate whether your organization attempted to influence the organization or individual's position in the reporting year

Select from:

☒ Yes, we publicly promoted their current position

(4.11.2.8) Describe how your organization's position is consistent with or differs from the organization or individual's position, and any actions taken to influence their position

Kyoto Club is a non-profit organization, which members are business companies, associations, local municipalities and governments engaged in reaching the greenhouse gas reduction targets set by the Kyoto Protocol. Kyoto Club is focused on the development of documents, position papers on the promotion of eco-efficiency policies, the use of RES energy sources and the reduction of GHG emissions. We are a member of the Kyoto Club and participates in round tables on renewable development, energy efficiency, environmental education and resilience to climate change. In 2024, Enel participated in roundtable and discussions on renewable development, energy efficiency, environmental education, and resilience to climate change.

(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)

0

(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals

Select from:

☒ Yes, we have evaluated, and it is aligned

(4.11.2.12) Global environmental treaties or policy goals aligned with your organization's engagement on policy, law or regulation

Select all that apply

☒ Paris Agreement

Row 10

(4.11.2.1) Type of indirect engagement

Select from:

☒ Indirect engagement via a trade association

(4.11.2.4) Trade association

Europe

☒ Other trade association in Europe, please specify :Electricit  Futura

(4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position

Select all that apply

☒ Climate change

(4.11.2.6) Indicate whether your organization's position is consistent with the organization or individual you engage with

Select from:

☒ Consistent

(4.11.2.7) Indicate whether your organization attempted to influence the organization or individual's position in the reporting year

Select from:

☒ Yes, we publicly promoted their current position

(4.11.2.8) Describe how your organization's position is consistent with or differs from the organization or individual's position, and any actions taken to influence their position

Elettricità Futura is the main association of Italian electric utilities, representing over 70% of the Italian electricity market. The association promotes the Italian energy transition, relaunches the industrial supply chain allowing for the creation of significant benefits for the economy and employment. We hold a position on Elettricità Futura's Board, and actively participate in working groups and committee. In 2023, Enel actively contributed to the debate, participating in meetings, joint projects, industrial plan's goal sharing, and specific advocacy initiatives. We promoted the prioritization of electrification and decarbonization through increasing reliance on RES and on modern and digitalized grids. We advocated for the opportunities posed by the energy transition in terms of economic and social development, for national strategic value chains. In 2024 we held positions on Elettricità Futura's Presidency and Board, in addition actively participates in working groups and committee.

(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)

0

(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals

Select from:

☒ Yes, we have evaluated, and it is aligned

(4.11.2.12) Global environmental treaties or policy goals aligned with your organization's engagement on policy, law or regulation

Select all that apply

☒ Paris Agreement

Row 11

(4.11.2.1) Type of indirect engagement

Select from:

☒ Indirect engagement via a trade association

(4.11.2.4) Trade association

Global

☒ Other global trade association, please specify :World Business Council for Sustainable Development (WBCSD)

(4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position

Select all that apply

☒ Climate change

(4.11.2.6) Indicate whether your organization's position is consistent with the organization or individual you engage with

Select from:

☒ Consistent

(4.11.2.7) Indicate whether your organization attempted to influence the organization or individual's position in the reporting year

Select from:

☒ Yes, we publicly promoted their current position

(4.11.2.8) Describe how your organization's position is consistent with or differs from the organization or individual's position, and any actions taken to influence their position

The WBCSD is a global organization led by the CEOs of more than 200 international companies working together to accelerate the transition to a Net Zero, nature positive and more equitable future. WBCSD actively promoted accelerated penetration of RES and energy efficiency as critical means to achieving long-term climate goals. WBCSD believes that carbon pricing mechanisms are critical to support the urgent efforts required to drive the energy transition. Investments in the energy systems transformation should be guided by a carbon price. We hold the role of Council Member and Commissioner of the Business Commission to Tackle Inequality. In 2024 Enel participated in WG meetings (e.g. Policy Advocacy and Member Mobilization - PAMM, e Carbon Capture Storage and Removal) and contributed to position papers/publications.

(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)

0

(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals

Select from:

☒ Yes, we have evaluated, and it is aligned

(4.11.2.12) Global environmental treaties or policy goals aligned with your organization's engagement on policy, law or regulation

Select all that apply

☒ Paris Agreement

Row 12

(4.11.2.1) Type of indirect engagement

Select from:

☒ Indirect engagement via a trade association

(4.11.2.4) Trade association

Global

☒ Other global trade association, please specify :United Nations Global Compact (UNGC)

(4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position

Select all that apply

☒ Climate change

(4.11.2.6) Indicate whether your organization's position is consistent with the organization or individual you engage with

Select from:

☒ Consistent

(4.11.2.7) Indicate whether your organization attempted to influence the organization or individual's position in the reporting year

Select from:

☒ Yes, we publicly promoted their current position

(4.11.2.8) Describe how your organization's position is consistent with or differs from the organization or individual's position, and any actions taken to influence their position

UNGC is the largest global corporate sustainability initiative, created with the goal of promoting a sustainable economic model through the development and adoption of sustainable practices and policies. UNGC has remained an active funding partner of the Science Based Target initiative which has been driving ambitious corporate climate action since 2015, with more than 4000 companies taking climate action aligned with the Paris Agreement. UNGC has continued to promote the caring for climate initiative aimed at mobilizing business leaders and convening the annual high-level meetings on climate change at COP. We hold the role of coChair of the CFO Coalition. In 2024 Enel held the role of co-Chair of the CFO Coalition. In addition, Enel has been the patron of the Transformational Governance platform.

(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)

0

(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals

Select from:

☒ Yes, we have evaluated, and it is aligned

(4.11.2.12) Global environmental treaties or policy goals aligned with your organization's engagement on policy, law or regulation

Select all that apply

☒ Paris Agreement

Row 13

(4.11.2.1) Type of indirect engagement

Select from:

☒ Indirect engagement via a trade association

(4.11.2.4) Trade association

Europe

☒ Other trade association in Europe, please specify :CSR Europe

(4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position

Select all that apply

☒ Climate change

(4.11.2.6) Indicate whether your organization's position is consistent with the organization or individual you engage with

Select from:

☒ Consistent

(4.11.2.7) Indicate whether your organization attempted to influence the organization or individual's position in the reporting year

Select from:

☒ Yes, we publicly promoted their current position

(4.11.2.8) Describe how your organization's position is consistent with or differs from the organization or individual's position, and any actions taken to influence their position

CSR Europe is the European Business Network for Corporate Sustainability and Responsibility. Members include corporations, National Partner Organisations (NPOs), and Associated Partners: over 10,000 enterprises at local, European and global level. They support businesses and industry sectors in their transformation and collaboration towards practical solutions and sustainable growth. We participate in the association as member of the Board. Additionally, we participate in working groups linked to regulatory developments at European level (e.g. The Leadership Hubs paper for a social green deal) In 2024 Enel participated in the association as member of the Board of Directors and as a member of the European Chief Sustainability Officers (CSO) Network.

(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)

0

(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals

Select from:

☒ Yes, we have evaluated, and it is aligned

(4.11.2.12) Global environmental treaties or policy goals aligned with your organization's engagement on policy, law or regulation

Select all that apply

☒ Paris Agreement

Row 14

(4.11.2.1) Type of indirect engagement

Select from:

☒ Indirect engagement via a trade association

(4.11.2.4) Trade association

Global

☒ Other global trade association, please specify :Global coalition

(4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position

Select all that apply

☒ Climate change

☒ Water

(4.11.2.6) Indicate whether your organization's position is consistent with the organization or individual you engage with

Select from:

☒ Consistent

(4.11.2.7) Indicate whether your organization attempted to influence the organization or individual's position in the reporting year

Select from:

☒ Yes, we publicly promoted their current position

(4.11.2.8) Describe how your organization's position is consistent with or differs from the organization or individual's position, and any actions taken to influence their position

Enels partnership with Business for Nature, launched in 2020 with the signing of the call to action "Nature is Everyone's Business". It has continued over the years to call on governments to adopt ambitious environmental policies to reverse the loss of nature in this decade. In 2023 Enel also contributed to the definition of the new Business for Nature strategy, participating in the "Business for Nature's Business Action Strategy" workshop.

(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)

0

(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals

Select from:

☒ Yes, we have evaluated, and it is aligned

(4.11.2.12) Global environmental treaties or policy goals aligned with your organization's engagement on policy, law or regulation

Select all that apply

☒ Paris Agreement

☒ Kunming-Montreal Global Biodiversity Framework

☒ Sustainable Development Goal 6 on Clean Water and Sanitation

Row 15

(4.11.2.1) Type of indirect engagement

Select from:

☒ Indirect engagement via a trade association

(4.11.2.4) Trade association

Global

☒ Other global trade association, please specify :Open Power Grids

(4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position

Select all that apply

☒ Climate change

(4.11.2.6) Indicate whether your organization's position is consistent with the organization or individual you engage with

Select from:

☒ Consistent

(4.11.2.7) Indicate whether your organization attempted to influence the organization or individual's position in the reporting year

Select from:

☒ Yes, we publicly promoted their current position

(4.11.2.8) Describe how your organization's position is consistent with or differs from the organization or individual's position, and any actions taken to influence their position

The Open Power Grids Association (OPGA) is a global, open-source initiative launched by Enel Grids to accelerate the development of sustainable, efficient, and standardized electricity distribution networks. It brings together a diverse range of stakeholders—including grid operators, equipment manufacturers, research institutions, and engineering firms—to collaboratively define and adopt technical standards for grid components that support the transition to net-zero emissions.

(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)

0

(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals

Select from:

☒ Yes, we have evaluated, and it is aligned

(4.11.2.12) Global environmental treaties or policy goals aligned with your organization's engagement on policy, law or regulation

Select all that apply

☒ Paris Agreement

Row 16

(4.11.2.1) Type of indirect engagement

Select from:

☒ Indirect engagement via a trade association

(4.11.2.4) Trade association

Global

☒ Other global trade association, please specify :Global Alliance for Sustainable Energy

(4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position

Select all that apply

☒ Climate change

(4.11.2.6) Indicate whether your organization's position is consistent with the organization or individual you engage with

Select from:

☒ Consistent

(4.11.2.7) Indicate whether your organization attempted to influence the organization or individual's position in the reporting year

Select from:

☒ Yes, we publicly promoted their current position

(4.11.2.8) Describe how your organization's position is consistent with or differs from the organization or individual's position, and any actions taken to influence their position

An independent global alliance open to all actors recognizing the urgency of tackling the climate emergency according to the 'just transition' principles and the need to promote and embed sustainability and social responsibility in the renewable energy industry: NGOs, associations and civil society representatives, utility companies, material suppliers and equipment manufacturers, renewable project developers and plant builders, technical and technological partners, and, end-users, spanning industrial, commercial and domestic energy consumers. In 2024 Enel participated in the association as chairman of the Board and as executive committee representative. Additionally, the Group participated in several working groups (e.g. Head of Human Rights Working Group).

(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)

0

(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals

Select from:

☒ Yes, we have evaluated, and it is aligned

(4.11.2.12) Global environmental treaties or policy goals aligned with your organization's engagement on policy, law or regulation

Select all that apply

☒ Paris Agreement

Row 17

(4.11.2.1) Type of indirect engagement

Select from:

☒ Indirect engagement via a trade association

(4.11.2.4) Trade association

Global

☒ Other global trade association, please specify :IRENA: Alliance for industry decarbonization

(4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position

Select all that apply

☒ Climate change

(4.11.2.6) Indicate whether your organization's position is consistent with the organization or individual you engage with

Select from:

☒ Consistent

(4.11.2.7) Indicate whether your organization attempted to influence the organization or individual's position in the reporting year

Select from:

☒ Yes, we publicly promoted their current position

(4.11.2.8) Describe how your organization's position is consistent with or differs from the organization or individual's position, and any actions taken to influence their position

IRENA stands for the International Renewable Energy Agency. It is an intergovernmental organization that supports countries in their transition to a sustainable energy future, primarily through the widespread adoption and sustainable use of renewable energy. In 2024 Enel is Leader of the Renewables Working Group.

(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)

0

(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals

Select from:

☒ Yes, we have evaluated, and it is aligned

(4.11.2.12) Global environmental treaties or policy goals aligned with your organization's engagement on policy, law or regulation

Select all that apply

☒ Paris Agreement

[Add row]

(4.12) Have you published information about your organization's response to environmental issues for this reporting year in places other than your CDP response?

Select from:

☒ Yes

(4.12.1) Provide details on the information published about your organization's response to environmental issues for this reporting year in places other than your CDP response. Please attach the publication.

Row 1

(4.12.1.1) Publication

Select from:

- ☒ In mainstream reports, in line with environmental disclosure standards or frameworks

(4.12.1.2) Standard or framework the report is in line with

Select all that apply

- ☒ ESRS
☒ GRI
☒ IFRS
☒ TCFD
☒ TNFD

(4.12.1.3) Environmental issues covered in publication

Select all that apply

- ☒ Climate change
☒ Forests
☒ Water
☒ Biodiversity

(4.12.1.4) Status of the publication

Select from:

- ☒ Complete

(4.12.1.5) Content elements

Select all that apply

- | | |
|---|--|
| ☒ Strategy | ☒ Value chain engagement |
| ☒ Governance | ☒ Dependencies & Impacts |
| ☒ Emission targets | ☒ Biodiversity indicators |
| ☒ Emissions figures | ☒ Public policy engagement |

- ☒ Risks & Opportunities
- ☒ Water pollution indicators
- ☒ Content of environmental policies
- ☒ Other, please specify : **other metrics**

- ☒ Water accounting figures

(4.12.1.6) Page/section reference

Throughout the entire document

(4.12.1.7) Attach the relevant publication

integrated-annual-report_2024.pdf

(4.12.1.8) Comment

*Consolidated financial and non financial statements of Enel Group including a comprehensive section on climate disclosure aligned to TCFD recommendations.
Prepared in accordance with Italian Legislative Decree 254/2016 and with CONSOB Regulation adopted in 2018.
[Add row]*

C5. Business strategy

(5.1) Does your organization use scenario analysis to identify environmental outcomes?

Climate change

(5.1.1) Use of scenario analysis

Select from:

☒ Yes

(5.1.2) Frequency of analysis

Select from:

☒ Annually

Water

(5.1.1) Use of scenario analysis

Select from:

☒ Yes

(5.1.2) Frequency of analysis

Select from:

☒ Annually

[Fixed row]

(5.1.1) Provide details of the scenarios used in your organization's scenario analysis.

Climate change

(5.1.1.1) Scenario used

Physical climate scenarios

☒ RCP 2.6

(5.1.1.2) Scenario used SSPs used in conjunction with scenario

Select from:

☒ SSP1

(5.1.1.3) Approach to scenario

Select from:

☒ Quantitative

(5.1.1.4) Scenario coverage

Select from:

☒ Organization-wide

(5.1.1.5) Risk types considered in scenario

Select all that apply

☒ Acute physical

☒ Chronic physical

(5.1.1.6) Temperature alignment of scenario

Select from:

☒ 1.6°C - 1.9°C

(5.1.1.7) Reference year

2024

(5.1.1.8) Timeframes covered

Select all that apply

- ☒ 2025
- ☒ 2030
- ☒ 2040

(5.1.1.9) Driving forces in scenario

Local ecosystem asset interactions, dependencies and impacts

- ☒ Climate change (one of five drivers of nature change)

Regulators, legal and policy regimes

- ☒ Global regulation
- ☒ Global targets

Macro and microeconomy

- ☒ Other macro and microeconomy driving forces, please specify :Sustained increase in the price of CO2 caused by the gradual reduction of allowances supply in the face of growing demand, and a sharp fall in coal prices, due to decreasing demand.

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

The SSP scenarios include general assumptions such as those on population, urbanization, and so on. SSP1-RCP 2.6 is compatible with a global warming range below 2 °C, compared with pre-industrial levels (1850-1900) by 2100 (the IPCC projects approximately 1.8 C on average over the 1850-1900 period); the Group associates the SSP1-RCP 2.6 scenario with the Reference and Accelerated Transition scenarios in the analyses that take into account both physical variables and transition variables.

(5.1.1.11) Rationale for choice of scenario

Among the climatic projections developed by the “Intergovernmental Panel on Climate Change” (IPCC) on a global scale, the Group has chosen three that are in line with those taken into account in the latest IPCC report as part of the sixth assessment cycle (AR6). Such scenarios are associated with emission patterns that are linked to a level of the so-called Representative Concentration Pathway (RCP), each one being related to one of five social and economic scenarios that the scientific community defines as Shared Socioeconomic Pathways (SSP). The Group’s reference scenario for planning, to which SSP1 -RCP 2.6 is associated, is a Paris-aligned scenario, which envisages achieving the temperature goals of the Paris Agreement, namely, a rise in the global average temperature by 2100 below 2 C compared to pre-industrial levels. The Group, therefore, anticipates a higher level of climate ambition than business as usual, but without necessarily assuming that the Net Zero emissions target will be reached by 2050, considering the current level of overall ambition at a global level and the slowdown in the speed of the energy transition that the current macroeconomic and energy environment is causing locally on some transition variables.

Water

(5.1.1.1) Scenario used

Water scenarios

☒ WRI Aqueduct

(5.1.1.3) Approach to scenario

Select from:

☒ Qualitative and quantitative

(5.1.1.4) Scenario coverage

Select from:

☒ Organization-wide

(5.1.1.5) Risk types considered in scenario

Select all that apply

☒ Acute physical

☒ Chronic physical

(5.1.1.7) Reference year

2024

(5.1.1.8) Timeframes covered

Select all that apply

- | | |
|--|--|
| ☒ 2030 | ☒ 2080 |
| ☒ 2040 | ☒ 2090 |
| ☒ 2050 | ☒ 2100 |
| ☒ 2060 | |
| ☒ 2070 | |

(5.1.1.9) Driving forces in scenario

Local ecosystem asset interactions, dependencies and impacts

- ☒ Changes to the state of nature
- ☒ Number of ecosystems impacted
- ☒ Changes in ecosystem services provision
- ☒ Speed of change (to state of nature and/or ecosystem services)
- ☒ Climate change (one of five drivers of nature change)

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

Among the sites mapped, those defined as “critical” are those located within water-stressed areas and which procure significant volumes of fresh water (plants with withdrawals greater than 100 m³/year are included). For these sites, which are mainly thermoelectric and nuclear plants that use water resources for process and closed-cycle cooling needs, water management methods and process performance are constantly monitored, in order to minimize consumption and favor withdrawals from sources of lower quality or which are non-scarce (wastewater, industrial or sea water). The quantities of fresh water withdrawn and the energy generated in water-stressed areas are calculated considering the thermoelectric and renewable plants located in these areas. In the case of renewable plants managed in geographical clusters that include areas with different levels of water stress, the estimates of the previous quantities were made in proportion to their generation capacity.

(5.1.1.11) Rationale for choice of scenario

Enel pays particular attention to the vulnerability of the resource, by mapping and constantly monitoring all generation sites located in areas classified as water-stressed areas. Mapping of generation, thermal, nuclear, and renewable sites falling within water-stressed areas is carried out in line with the criteria of GRI 303 (2018) with reference to the conditions of “(baseline) Water Stress” indicated by the World Resources Institute Aqueduct Water Risk Atlas. The baseline water stress scenario provides insights into the current level of water stress, which is immediately relevant for understanding and addressing present-day challenges. Baseline data offers actionable insights that can be used right now to implement water management strategies, develop policies, and prioritize areas for intervention. GRI 303 defines “water stressed” areas as those in which, based on the classification provided by the WRI Aqueduct Water Risk Atlas, the ratio, referred to as “baseline water stress”, between total annual surface and groundwater withdrawals for different uses (civil, industrial, agricultural and livestock) and the renewable water supply available annually is high (40-80%) or extremely high (80%). By way of greater environmental protection, those plants located in areas classified by the WRI as “arid” due to the unavailability of water are also considered as located in water stressed areas.

Climate change

(5.1.1.1) Scenario used

Physical climate scenarios

☒ RCP 4.5

(5.1.1.2) Scenario used SSPs used in conjunction with scenario

Select from:

☒ SSP2

(5.1.1.3) Approach to scenario

Select from:

☒ Quantitative

(5.1.1.4) Scenario coverage

Select from:

☒ Organization-wide

(5.1.1.5) Risk types considered in scenario

Select all that apply

- ☒ Acute physical
- ☒ Chronic physical

(5.1.1.6) Temperature alignment of scenario

Select from:

- ☒ 2.5°C - 2.9°C

(5.1.1.7) Reference year

2024

(5.1.1.8) Timeframes covered

Select all that apply

- ☒ 2025
- ☒ 2030
- ☒ 2040
- ☒ 2050

(5.1.1.9) Driving forces in scenario

Local ecosystem asset interactions, dependencies and impacts

- ☒ Climate change (one of five drivers of nature change)

Regulators, legal and policy regimes

- ☒ Global regulation
- ☒ Global targets

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

The SSP scenarios include general assumptions such as those on population, urbanization, and so on. The SSP2-RCP 4.5 scenario is compatible with an intermediate scenario, in which an average temperature increase of around 2.7 C is expected by 2100 when compared with the 1850-1900 period. The RCP 4.5 scenario best represents the current global climate and political context and the associated transition assumptions. This scenario projects global warming as being consistent with the estimated temperature increase that considers current global policies; the Group associates the SSP2-RCP 4.5 scenario with the Slower Transition scenario in analyses that take into account both physical variables and transition variables.

(5.1.1.11) Rationale for choice of scenario

Among the climatic projections developed by the “Intergovernmental Panel on Climate Change” (IPCC) on a global scale, the Group has chosen three that are in line with those considered in the latest IPCC report as part of the sixth assessment cycle (AR6). Such scenarios are associated with emission patterns linked to a level of the so-called Representative Concentration Pathway (RCP), each one being related to one of five social and economic scenarios that the scientific community defines as Shared Socioeconomic Pathways (SSP). In SSP2-RCP 4.5 and associated Slower Transition scenario, a medium-term approach is taken to the slowdown observable in the short term in some countries and regions. In this scenario, fuel demand will peak more gradually, and this will support energy commodity prices.

Climate change

(5.1.1.1) Scenario used

Physical climate scenarios

☒ RCP 8.5

(5.1.1.2) Scenario used SSPs used in conjunction with scenario

Select from:

☒ SSP5

(5.1.1.3) Approach to scenario

Select from:

☒ Quantitative

(5.1.1.4) Scenario coverage

Select from:

☒ Organization-wide

(5.1.1.5) Risk types considered in scenario

Select all that apply

☒ Acute physical

☒ Chronic physical

(5.1.1.6) Temperature alignment of scenario

Select from:

☒ 4.0°C and above

(5.1.1.7) Reference year

2024

(5.1.1.8) Timeframes covered

Select all that apply

☒ 2025

☒ 2030

☒ 2040

☒ 2050

(5.1.1.9) Driving forces in scenario

Local ecosystem asset interactions, dependencies and impacts

☒ Climate change (one of five drivers of nature change)

Regulators, legal and policy regimes

☒ Global regulation

☒ Global targets

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

The SSP scenarios include general assumptions such as those on population, urbanization, and so on. The SSP5-RCP 8.5 scenario is compatible with a scenario where no particular measures are adopted to combat climate change. According to this scenario, the global temperature is estimated to increase by around 4.4 C, compared to pre-industrial levels, by 2100.

(5.1.1.11) Rationale for choice of scenario

Among the climatic projections developed by the “Intergovernmental Panel on Climate Change” (IPCC) on a global scale, the Group has chosen three that are in line with those considered in the latest IPCC report as part of the sixth assessment cycle (AR6). Such scenarios are associated with emission patterns linked to a level of the so-called Representative Concentration Pathway (RCP), each one being related to one of five social and economic scenarios that the scientific community defines as Shared Socioeconomic Pathways (SSP). The Group sees the RCP 8.5 scenario as a worst-case climate scenario, which is used for assessing the effects of physical phenomena in a context in which climate change is particularly severe but is not considered likely at present.

Climate change

(5.1.1.1) Scenario used

Climate transition scenarios

☒ Bespoke climate transition scenario

(5.1.1.3) Approach to scenario

Select from:

☒ Qualitative and quantitative

(5.1.1.4) Scenario coverage

Select from:

☒ Organization-wide

(5.1.1.5) Risk types considered in scenario

Select all that apply

- ☒ Chronic physical
- ☒ Policy
- ☒ Market

(5.1.1.6) Temperature alignment of scenario

Select from:

- ☒ 1.6°C - 1.9°C

(5.1.1.7) Reference year

2024

(5.1.1.8) Timeframes covered

Select all that apply

- ☒ 2025
- ☒ 2030
- ☒ 2040
- ☒ 2050

(5.1.1.9) Driving forces in scenario

Regulators, legal and policy regimes

- ☒ Global regulation
- ☒ Global targets

Macro and microeconomy

- ☒ Other macro and microeconomy driving forces, please specify :Sustained increase in the price of CO2 caused by the gradual reduction of allowances supply in the face of growing demand, and a sharp fall in coal prices, due to decreasing demand.

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

The main assumptions considered in defining Enel's energy transition scenarios concern the macroeconomic and energy context, regulatory policies and measures, and the evolution, costs and adoption of energy generation, conversion and consumption technologies. Assumptions on commodity price trends in inputs to the Reference scenario consider a sustained increase in the price of CO₂ through 2030, caused by the gradual reduction in the supply of allowances in the face of growing demand, as well as a sharp fall in coal prices. With regard to gas, it is believed that price pressures to gradually ease in the coming years in light of a realignment between supply and demand at a global level. Finally, oil prices are expected to stabilize gradually, for which peak demand is estimated around 2030.

(5.1.1.11) Rationale for choice of scenario

The Group's reference scenario for planning is a Paris-aligned scenario, which envisages achieving the temperature goals of the Paris Agreement, namely, a rise in the global average temperature below 2 C compared to pre-industrial levels. This therefore anticipates a higher level of climate ambition than business as usual, but without necessarily assuming that the Net Zero emissions target will be achieved by 2050, considering the current level of ambition at global level and the slowdown in the speed of the energy transition that the current macroeconomic and energy environment is causing locally on some transition variables.

Climate change

(5.1.1.1) Scenario used

Climate transition scenarios

☒ Bespoke climate transition scenario

(5.1.1.3) Approach to scenario

Select from:

☒ Qualitative and quantitative

(5.1.1.4) Scenario coverage

Select from:

☒ Organization-wide

(5.1.1.5) Risk types considered in scenario

Select all that apply

- ☒ Chronic physical
- ☒ Policy
- ☒ Market

(5.1.1.6) Temperature alignment of scenario

Select from:

- ☒ 1.5°C or lower

(5.1.1.7) Reference year

2024

(5.1.1.8) Timeframes covered

Select all that apply

- ☒ 2025
- ☒ 2030
- ☒ 2040
- ☒ 2050

(5.1.1.9) Driving forces in scenario

Regulators, legal and policy regimes

- ☒ Global regulation
- ☒ Global targets

Macro and microeconomy

- ☒ Other macro and microeconomy driving forces, please specify :Sustained increase in the price of CO2 caused by the gradual reduction of allowances supply in the face of growing demand, and a sharp fall in coal prices, due to decreasing demand.

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

The main assumptions considered in defining Enel's energy transition scenarios concern the macroeconomic and energy context, regulatory policies and measures, and the evolution, costs and adoption of energy generation, conversion and consumption technologies. It is assumed a more rapid reduction in the cost of green hydrogen generation technologies. All scenarios, albeit to a greater extent the Reference and Accelerated Transition scenarios, envisage an increasingly important role for grids: indeed, a significant increase is expected in distributed generation and in other resources, such as storage systems, greater penetration of electric mobility with the relative charging infrastructures, as well as the increasing rate of the electrification of consumption. This context will involve a de-centralization of the extraction / feed-in points, an increase in electric demand and the average requested power, and a considerable variation in energy flows, which will require dynamic and flexible grid management. The Group therefore expects that, in this scenario, incremental investments will be necessary to guarantee the connections and suitable levels of quality and resilience, by promoting the adoption of innovative operating models. These investments must be accompanied by coherent policy and regulation scenarios to guarantee suitable economic returns for the Enel Grids Business Line.

(5.1.1.11) Rationale for choice of scenario

In the 'Accelerated Transition' scenario, there is an increase in ambition compared to the Reference scenario, particularly with regard to certain variables (for example, electrification of consumption, authorization processes or greater economic support mechanisms for renewable plants that speed up the installations; a greater adoption of electrical technologies would lead to faster electrification.). It envisages, on the one hand, an acceleration of decarbonization, driven by regulation, and at the same time a more rapid decrease in demand for fossil fuels

Climate change

(5.1.1.1) Scenario used

Climate transition scenarios

☒ Bespoke climate transition scenario

(5.1.1.3) Approach to scenario

Select from:

☒ Qualitative and quantitative

(5.1.1.4) Scenario coverage

Select from:

☒ Organization-wide

(5.1.1.5) Risk types considered in scenario

Select all that apply

☒ Chronic physical

☒ Policy

☒ Market

(5.1.1.6) Temperature alignment of scenario

Select from:

☒ 2.5°C - 2.9°C

(5.1.1.7) Reference year

2024

(5.1.1.8) Timeframes covered

Select all that apply

☒ 2025

☒ 2030

☒ 2040

☒ 2050

(5.1.1.9) Driving forces in scenario

Regulators, legal and policy regimes

☒ Global regulation

☒ Global targets

Macro and microeconomy

☒ Other macro and microeconomy driving forces, please specify ::Sustained increase in the price of CO2 caused by the gradual reduction of allowances supply in the face of growing demand, and a sharp fall in coal prices, due to decreasing demand.

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

The main assumptions considered in defining Enel's energy transition scenarios relate to the macroeconomic and energy context, regulatory policies and measures, and the evolution, costs and adoption of energy generation, conversion and consumption technologies. With regard to the electrification of consumption, the Slower Transition scenario predicts lower penetration rates of the most efficient electric technologies, particularly electric cars and heat pumps, causing a decrease in electric demand compared to the Reference scenario, which is estimated to result in moderate impacts on the Retail commodity business & beyond. At the same time, lower electricity demand shall result in less space to develop renewable capacity, which has an impact on the generation business; this is partially offset by higher electricity prices compared to a scenario with more renewables.

(5.1.1.11) Rationale for choice of scenario

A Slower Transition scenario has been constructed assuming a slower energy transition, with less rapid development of some variables, such as the renewables capacity and electric mobility, and that is impacted more negatively by the slowdown observable in the short term in some countries and regions.
[Add row]

(5.1.2) Provide details of the outcomes of your organization's scenario analysis.

Climate change

(5.1.2.1) Business processes influenced by your analysis of the reported scenarios

Select all that apply

- ☒ Risk and opportunities identification, assessment and management
- ☒ Strategy and financial planning
- ☒ Resilience of business model and strategy
- ☒ Capacity building
- ☒ Target setting and transition planning

(5.1.2.2) Coverage of analysis

Select from:

☒ Organization-wide

(5.1.2.3) Summarize the outcomes of the scenario analysis and any implications for other environmental issues

Climate change produces a range of phenomena that affect business across multiple dimensions: (i) Chronic Physical Phenomena The scenario analysis indicates that long-term, chronic structural changes will occur in physical climate variables. To estimate potential impacts and anticipate early onset of these chronic effects, sensitivity testing of the Industrial Plan was conducted. This analysis considered historical weather variability and expected long-term climate changes. To calculate the impact change on the production of our assets, a series of ad hoc functions have been created for each renewable technology (wind, solar and hydroelectric) and plant, to associate, with each change in climatic variables (e.g., temperature, radiation, wind speed, rainfall), probable changes in terms of electrical producibility. The Industrial Plan considers the chronic impacts on renewable generation, based average scenarios output, enabling the consideration of potential effects of climatic trends. (ii) Acute Physical Phenomena Acute physical phenomena such as windstorms, floods, heat waves, and severe cold are characterized by high intensity but low short-term frequency. However, medium and long-term climate scenarios predict an increase in the occurrence of these events. Consequently, the Group must manage risks from extreme events in the short term. The Enel Groups performs scenario analyses at local level. Risk assessments are based on probability, vulnerability, and exposure to these acute events, with analyses tailored to different time periods associated with climate change scenarios. The analysis of climate hazard combined with vulnerability information identify priorities for detailed analyses with high resolution data, including information related to the specific asset and context (iii) Transition Phenomena Phenomena such as industrial and business sectors trends towards a net zero economy (e. g. changes in policy and regulation, or in technology and market dynamics). The Group uses transition scenarios describing the evolution and consequences on the energy system (see 5.1.1.), in order to assess the risks and opportunities associated to the energy transition. The analysis of climate change trends and the transition scenarios form the basis upon which the Group shapes its overarching strategy and the decarbonization pathway. Short-Term Actions (1-3 Years) Over the short term, the Group plans to implement actions aimed at reducing the impacts of extreme catastrophic events on business operations. These actions include: •Insurance Coverage: Establishing effective insurance cover to mitigate financial impacts from extreme events. •Climate Change Adaptation Activities: Engaging in activities to prevent damage from extreme events, such as reinforcing infrastructure and developing emergency response plans. Risk Mitigation Measures The Enel Group maintains a diversified portfolio in terms of technology, geographic distribution, and asset size, reducing exposure to natural and transition risks. Various risk mitigation measures are in place, including: •Insurance Coverage: The Group's empirical data from the last 5 years show negligible repercussions from extreme events, with gross impacts of significant events totaling 120 million euros, less than 0.06% of the Group's insured values (220 billion euros as of 2024). •Managerial and Operational Actions: Implementing actions aimed at further reducing the risk profile, such as enhancing operational resilience, increasing the capability to react to adverse events and infrastructure robustness. Decision or Action Influenced by Scenario Analysis in 2024: Strategic decisions informed by scenario analysis include incorporating chronic climate impacts into 2024 planning, such as changes in hydropower, wind, and solar producibility. These insights helped update the 2025-2027 Strategic Plan's risk assessment, combining historical data to better manage climate-related risks and opportunities. Chronic climate changes in renewable resources influenced production estimates for Hydro, Solar, and Wind at the country level, aligning with strategic targets. Actions for power generation included repowering projects, sediment removal to improve hydro plant efficiency, and floating photovoltaic systems to reduce water evaporation. For the GRIDS business in Italy, climate change information helped define CAPEX and OPEX levels in line with the resiliency plan presented to ARERA. The analysis of acute physical risks also supported identifying 2024 adaptation needs, contributing to the development of Adaptation Plans for the 2025-2027 Strategic and Industrial Plans, using scenario analysis to select the best adaptation measures.

Water

(5.1.2.1) Business processes influenced by your analysis of the reported scenarios

Select all that apply

- ☒ Risk and opportunities identification, assessment and management
- ☒ Strategy and financial planning
- ☒ Resilience of business model and strategy
- ☒ Capacity building
- ☒ Target setting and transition planning

(5.1.2.2) Coverage of analysis

Select from:

- ☒ Organization-wide

(5.1.2.3) Summarize the outcomes of the scenario analysis and any implications for other environmental issues

Chronic Physical Phenomena: The scenario analysis indicates that long-term, chronic structural changes will occur in physical climate variables. To estimate potential impacts and anticipate early onset of these chronic effects, sensitivity testing of the Industrial Plan was conducted. This analysis considered historical weather variability and expected long-term climate changes. A series of ad hoc functions were developed for each technology and plant to assess how shifts in climatic factors (e.g., temperature, rainfall) may influence key resources, such as water, ultimately affecting electrical producibility. Acute Physical Phenomena: Acute physical events, such as floods, heat waves, and droughts, are characterized by high intensity but low short-term frequency. However, medium- and long-term climate scenarios predict an increase in the occurrence of these events. Consequently, the Group must manage risks from extreme events in the short term. The Enel Group performs scenario analyses at the local level. Risk assessments are based on probability, vulnerability, and exposure to these acute events, with analyses tailored to different time periods associated with climate change scenarios. The analysis of climate hazards, combined with vulnerability information, helps identify priorities for detailed assessments with high-resolution data, including information related to water availability and the specific asset and context. Short-Term Actions (1-3 Years) In relation to water availability, the Group plans to implement short-term actions aimed at reducing the impacts of extreme events on business operations. These actions include securing insurance coverage to mitigate financial losses due to water shortages and engaging in preventive measures. Additionally, the Group continues to advance the WaVE project to systematically reduce water usage across all generation sites and adapt strategies based on the projected impacts of climate change on water availability. Risk Mitigation Measures: The Enel Group maintains a diversified portfolio in terms of technology, geographic distribution, and asset size, reducing exposure to natural and transition risks. Various risk mitigation measures are in place, including:

- *Insurance Coverage: The Group's empirical data from the last 5 years show negligible repercussions from extreme events, with gross impacts of significant events totaling 120 million euros, less than 0.06% of the Group's insured values (220 billion euros as of 2024).*
- *Managerial and Operational Actions: Implementing actions aimed at further reducing the risk profile, such as enhancing operational resilience, increasing the capability to react to adverse events.*

Decision or Action Influenced by Scenario Analysis in 2024:

Strategic decisions informed by scenario analysis include incorporating the impacts of chronic phenomena into strategic planning. For example, long-term average climate changes affecting hydropower producibility were factored into the strategic planning carried out in 2024 to better inform projected future resource availability. These insights were used to update the 2025-2027 Strategic Plan's risk assessment alongside historical data, ensuring a proactive approach to managing risks and opportunities. In particular, the chronic climate changes in renewable resources were used to adjust the 2025-2027 business plan production estimations for Hydro production at country level. These estimates feed directly the business plan process, influencing decisions taken to ensure alignment with the Group's strategic performance targets. An example of actions implemented for power generation includes rolling activities such as: repowering and flexibility projects to increase the operating hours; sediment removal to increase the efficiency of hydropower plants making them able to swirl smaller flow rates, which is important in context of low or decreasing water availability, as highlighted by climate analyses; installation of floating photovoltaic systems, resulting in reduced basins' water evaporation and adding RES capability.

[Fixed row]

(5.2) Does your organization's strategy include a climate transition plan?

(5.2.1) Transition plan

Select from:

☒ Yes, we have a climate transition plan which aligns with a 1.5°C world

(5.2.3) Publicly available climate transition plan

Select from:

☒ Yes

(5.2.4) Plan explicitly commits to cease all spending on, and revenue generation from, activities that contribute to fossil fuel expansion

Select from:

☒ Yes

(5.2.5) Description of activities included in commitment and implementation of commitment

Enel's is committed to be zero emissions by 2040. To this end, the Group has planned to exit the coal-fired generation by 2027, (subject to approval by the competent authorities), thanks also to the exit from thermal generation by the same year. In addition, the exit from gas sales to end customers by 2040 has been confirmed, preserving the needs of customers in the transition phase where gas will still be necessary and, at the same time, pushing for electrification of uses and 100% sales of electricity from renewable sources by 2040. The investment plan is in line with the Net Zero targets for 2040, with: • more than 80% of Capex aligned to the EU Taxonomy regulation in the three-year period 2025-2027; • more than 90% of Gross Capex 2025-2027 aligned to the UN Sustainable Development Goals (SDGs), in particular SDGs 7 ("Affordable and clean energy"), 9 ("Industry, innovation and infrastructure") and 11 ("Sustainable cities and communities"), while contributing to SDG 13 ("Climate action"). Furthermore, we aim to achieve a sustainable-financed debt ratio of around 75% of the Group's total debt in 2027. The Group leads the energy transition through decarbonization of power generation, digitalization of distribution networks and electrification of uses. These represent an opportunity both in terms of value creation and faster achievement of the Paris Agreement objectives as well as the UN-defined Sustainable Development Goals (hereafter SDGs) in 2030 Agenda. We promote a just transition, in line with the principles set out in the "International Labour Organization (ILO) Just Transition Guidelines", based on constant dialogue with our stakeholders, Enel people, suppliers, communities and customers. In addition to advancing action against climate change, a well-managed transition can help mitigate the associated socio-economic impacts.

(5.2.7) Mechanism by which feedback is collected from shareholders on your climate transition plan

Select from:

☒ We have a different feedback mechanism in place

(5.2.8) Description of feedback mechanism

Annually, we organize the presentation event of the Strategic Plan (Capital Markets Day). In this event, institutional stakeholders and investors are invited and have the opportunity to provide feedback. Furthermore, roadshows are organized twice a year with investors to collect their feedback (in particular, one roadshow before the Annual Shareholders' Meeting and another one after the presentation of the Strategic Plan), with the presence of the CEO and CFO. In general, within the Investor Relations Unit, there is a team responsible for ESG issues that manages the dialogue with ESG / SRI investors, with the support of the Innovability function. During the year, we keep track of the investors and the issues of each individual meeting. The most frequent topics and of the greatest interest to investors and the feedback received, are analyzed. Finally, the Board of Directors is informed of the engagement activity

(5.2.9) Frequency of feedback collection

Select from:

☒ More frequently than annually

(5.2.10) Description of key assumptions and dependencies on which the transition plan relies

At the heart of Enel's commitment is the zero emissions ambition by 2040, according to a roadmap that is in line with the Paris objectives to limit the average global temperature increase to below 1.5 C compared to pre-industrial values, and with targets certified by the Science Based Targets initiative (SBTi), which cover both direct emissions generated by the Group's plants and indirect emissions produced upstream from suppliers and downstream from customers.

(5.2.11) Description of progress against transition plan disclosed in current or previous reporting period

Below are the 2024 results related to the climate transition plan and the progress achieved so far: •Reduction in Scope 1 GHG emissions Intensity relating to Power Generation 101 gCO₂eq/kWh (-72% vs 2017). •Reduction in Scope 1 and 3 GHG emissions Intensity relating to Integrated Power. •121 gCO₂eq/kWh (-63.5% vs 2017). In line with the 2025-27 Sustainability Plan. •Reduction in Absolute Scope 3 GHG emissions relating to Gas Retail. •14.3 MtCO₂eq (-37% vs 2017). In line with the 2025-27 Sustainability Plan. •Reduction in additional absolute GHG emissions (Scope 123). •Target scope 2017-2030 10.6 MtCO₂eq (-54% vs 2017). In line with the 2025-27 Sustainability Plan. •Reduction of thermal generation by 38% compared to 2023 (specifically, with a 78% reduction in coal-fired generation). •Increase in consolidated generation from renewables equal to 5% on 2023, representing 69% of total consolidated generation in 2024. •New installed consolidated capacity from renewables equal to 3.9 GW in 2024, bringing total consolidated capacity to 56.6 GW in 2024. •33% reduction in volume of gas consumed in thermoelectric power plants compared with 2023 and 14% reduction in volume of gas sold to end users compared with 2023.

(5.2.12) Attach any relevant documents which detail your climate transition plan (optional)

5.2 Climate transition plan.pdf

(5.2.13) Other environmental issues that your climate transition plan considers

Select all that apply

- ☒ Water
- ☒ Biodiversity

(5.2.14) Explain how the other environmental issues are considered in your climate transition plan

Water Management in the Climate Transition Plan: Enel's climate transition plan incorporates comprehensive water management strategies aimed at reducing specific water requirements for its plants and assets. This includes enhancing water use efficiency in existing thermal plants, transitioning towards less water-intensive renewable energy sources, and reducing fossil fuel generation. Key initiatives involve maximizing the recovery of process wastewater, upgrading cooling systems and evaporative towers for better efficiency, implementing crystallizers in thermoelectric plants, and reusing rainwater collected in plant areas to prevent contamination and reduce freshwater consumption. These measures ensure a progressive decrease in water usage while maintaining operational efficiency and environmental sustainability. **Biodiversity in the Climate Transition Plan:** Enel integrates biodiversity conservation into its climate transition plan through specific targets and projects designed to protect key biodiversity features and restore natural habitats. In 2024, the company carry out 200 projects to protect species and natural habitats at operational sites, resulting in the restoration of 10,455 hectares of habitats. Biodiversity considerations are embedded in environmental management plans to minimize impacts on local ecosystems. Enel commits to achieving No Net Loss of biodiversity for new infrastructures by 2030, starting its

adoption on selected projects in high-biodiversity areas from 2025. To achieve this goal, Enel will work in accordance with the principles of the Mitigation Hierarchy to avoid, minimize and reverse impacts on natural habitats or species that are threatened, endemic or restricted in range. The plan also includes a commitment to “No Net Deforestation” and excludes the construction of new generation infrastructures in UNESCO World Heritage Natural Sites. This approach ensures that biodiversity is protected while advancing renewable energy projects, balancing development with environmental stewardship.

[Fixed row]

(5.3) Have environmental risks and opportunities affected your strategy and/or financial planning?

(5.3.1) Environmental risks and/or opportunities have affected your strategy and/or financial planning

Select from:

☒ Yes, both strategy and financial planning

(5.3.2) Business areas where environmental risks and/or opportunities have affected your strategy

Select all that apply

☒ Products and services

☒ Upstream/downstream value chain

☒ Investment in R&D

☒ Operations

[Fixed row]

(5.3.1) Describe where and how environmental risks and opportunities have affected your strategy.

Products and services

(5.3.1.1) Effect type

Select all that apply

☒ Risks

☒ Opportunities

(5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

- ☒ Climate change
- ☒ Water

(5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

To achieve the goals set out in Enel Group's decarbonization roadmap, action is taken on indirect emissions by leveraging, in addition to suppliers, the gradual change in customer habits in up taking more efficient technologies leveraging electricity as a carrier. Enel X Global Retail is playing a leading role in this transition with an ecosystem of integrated, easy-to-adopt solutions designed around the needs of people, institutions and businesses, enabling customers to make more efficient and conscious energy choices. Solutions and initiatives include: • products for industrial and commercial enterprises, to help them improve their energy performance and achieve Net Zero goals with technologies such as solar panels, the electrification of company car fleets, and the development of services for so-called "flexibility", such as demand response, contributing to network stabilization services and transforming energy from a pure cost to a source of revenue for the end customer; • products for small and large municipalities geared toward the development of a citizen-conscious smart city model, more efficient, safe and accessible spaces, including smart lighting, energy optimization for public buildings, electricity and gas supply to solar power generation, data and image analysis tools for real-time monitoring of infrastructure and active solutions in urban spaces; • products for residential customers that combine savings, comfort, safety and respect for the environment, including; the supply of electricity, gas and fiber, electric mobility, cooling and heating technologies. photovoltaic systems for self-generation, all through an integrated structure focused on offering a "bundle" of value-added products and services. Regarding water, the strategic move to phase out coal by 2027 and gas by 2040 is expected to save 24,6 x103 m3 of water annually by 2040. Furthermore, adoption of renewable technologies such as solar and wind, is prevalent in regions with water stress. This adoption includes innovative methods to reduce the local water consumption, notably through periodic cleaning of photovoltaic panels which generally require considerable water use.

Upstream/downstream value chain

(5.3.1.1) Effect type

Select all that apply

- ☒ Risks
- ☒ Opportunities

(5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

- ☒ Climate change

☒ Water

(5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

Our transition to a low carbon economy translates into the decarbonization of our generation mix, which requires us to rely less on coal every year and more on new products and services. This has a direct impact on our supply chain and on our strategy in terms of choice and management of our suppliers while developing new products and services that meet our customers' needs. In particular, the coal supply chain has been drastically reduced due to the coal phase-out program. Indeed, the number of coal plants has been reduced by 50% compared to 2020. We have a qualification system to identify suppliers who meet the requirements necessary to cooperate with the Group. Supplier qualification is organized by commodity categories called Product Groups (PGs). Each company can undertake a qualification pathway for one or more PGs, selecting the countries in which to supply goods and services. The assessment process varies depending on the level of risk (high, medium or low) associated with the PG for each issue (technical, safety, environmental, reputational aspects, etc.). As of December 31st, 2024, 100% of qualified suppliers were assessed according to social, environmental and safety criteria. The total number of qualified suppliers with a contract still active at the end of 2024 was 6,952 (more or less 93% of active suppliers as of December 31), while the total number of active qualified companies was approximately 18,500. Consistent with our commitment to introduce sustainability aspects into the tendering processes, Enel adopted a structured process for defining sustainability "requirements" (the conditions necessary for a supplier to participate in the tendering process) and sustainability "Ks" (optional factors whereby a score/prize is awarded to the supplier who possesses them) that can be used by the various purchasing and monitoring units throughout the entire life of the contract. The process includes two "Libraries", in which all "sustainability requirements and Ks" are catalogued, grouped into the macro-categories of certification, environmental and circularity aspects, such as waste management and carbon footprint assessments according to ISO 14067:2018. Regarding water, upstream in the value chain, there is a strong emphasis on integrating renewable energy sources and adopting procedures for a sustainable use of water resources, such as seawater desalination processes. These efforts are aimed at mitigating risks associated with water scarcity, ensuring our contribute positively to conserving water resources, especially in areas where water is a critical constraint. On the downstream side, environmental performance is being enhanced through the phasing out of coal usage, in line with broader sustainability goals.

Investment in R&D

(5.3.1.1) Effect type

Select all that apply

- ☒ Risks
- ☒ Opportunities

(5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

- ☒ Climate change
- ☒ Water

(5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

A key factor in a resilient and sustainable future energy system is the development and deployment of new technologies, solutions and models that meet the criteria of sustainability, economic competitiveness, environmental protection, safety and security. Enel's open innovation model leverages several tools to find solutions to business needs, based on the risks and opportunities identified. The Company's crowdsourcing activity consists of publishing online – through the openinnovability.com platform – specific crowdsourcing challenges addressed to audiences both external and internal to Enel, with the aim of attracting the best talents, ideas and technologies, to provide new solutions that will evolve within the Group. In this way, all areas of the Company come in contact with startups, industrial partners, small and medium-sized enterprises (SMEs), research centers, universities, and entrepreneurs. Launched in 2017, the openinnovability.com platform brought together more than 230 crowdsourcing challenges, and over 15,000 evaluated proposals from the crowd. In the past year, several public crowdsourcing challenges have been published, such as: solutions to improve fault detection and selection on Medium Voltage overhead lines, innovative solutions to manage voltage deviations and current imbalances in Low Voltage networks,,, innovative devices to improve operational excellence by connecting to the not accessible smart meters via Power Line Communication protocol. Those who put forward solutions can win monetary awards or start collaborations with the Group. A critical success factor is the ability to manage innovation as a system and to organize all stages of the process. In 2022, Enel voluntarily adopted the ISO 56002 standard, which governs all aspects of innovation management, from the inception of an idea through to its implementation on a global scale. In 2024, UNI/PdR Practice 155 "Sustainable innovation management – Guidelines for the management of sustainable innovation processes in companies through open innovation" was published, which was developed by Enel experts in collaboration with the Italian Standardization Agency UNI. This (pre-regulatory) document aims to provide practical support for all organizations that wish to address the organizational and production changes necessary to implement an effective sustainable innovation management process internally. Innovation is a key driver of our 2025-2027 Strategic Plan, leveraging on repowering to increase plant efficiency and reduce generation costs, as well as on battery storage to improve power system flexibility alongside load management and minimize associated risks.

Operations

(5.3.1.1) Effect type

Select all that apply

- ☒ Risks
- ☒ Opportunities

(5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

- ☒ Climate change
- ☒ Water

(5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

We have identified the main risks and opportunities connected with climate change and water and are implementing different actions and policies to align with these. We are minimizing our exposure to risks through progressive decarbonization and the focus of the business on renewables, grids and customers. The business model is designed to maximize the benefits of the Group's integrated position in the core countries and leveraging partnership and stewardship activities, which enables to exploit the opportunities connected with the energy transition. Some of the most substantial strategic decisions made to mitigate physical risks are established in our Strategic Plan 2025-2027, such as the diversification of both generation technologies and the geographies in which we operate. We also contribute to the issue of public policies through advocacy efforts. These activities are conducted within platforms for dialogue with stakeholders that explore ambitious national decarbonization scenarios in the various countries in which we operate. To mitigate water-related risks, we have focused on reducing water withdrawals, especially in areas that are challenged by water stress. For example, during the revamping operations of the existing cooling towers at the Fusina power plant (Italy), necessary to adapt their operation to the new combined cycle, the best available technologies were implemented for conditioning and monitoring. These included the use of advanced chemical reagents with anti-scaling, dispersing, and biocidal properties, the installation of a continuous monitoring system for chemical/biological conditioning, and the automatic management of tower make-up and blowdown. Based on similar experiences at other plants, it is estimated that the benefit in terms of water withdrawal reduction could reach up to 10% compared to normal design operating conditions.. We are maximizing opportunities by adopting a strategy founded on the energy transition, focusing on the electrification of energy consumption and the development of renewables and a geographical positioning in countries in which it has an integrated presence. Considering alternative transition scenarios, we assess the impact of different commodity price trends, changes in the share of renewables in the generation mix and the electrification of final consumption. The Group's geographical and technological diversification means that the impact of changes (positive and negative) in a single variable is mitigated at the global level. In order to ensure that operations always take account of weather and climate phenomena, we adopt a range of practices such as, weather forecasting, real-time monitoring of generation plants and long-term climate scenarios to identify any chronic changes in renewable source availability.

[Add row]

(5.3.2) Describe where and how environmental risks and opportunities have affected your financial planning.

Row 1

(5.3.2.1) Financial planning elements that have been affected

Select all that apply

- ☒ Revenues
- ☒ Indirect costs
- ☒ Capital expenditures

(5.3.2.2) Effect type

Select all that apply

- ☒ Risks
- ☒ Opportunities

(5.3.2.3) Environmental issues relevant to the risks and/or opportunities that have affected these financial planning elements

Select all that apply

- ☒ Climate change
- ☒ Water

(5.3.2.4) Describe how environmental risks and/or opportunities have affected these financial planning elements

The percentage incidence of revenues from thermal plants is down, mainly attributable to lower quantities generated from thermoelectric sources, partly as a result of higher renewable production, especially from hydroelectric sources. Specifically, in 2024, The percentage of revenues from the exploration, mining, extraction, distribution or refining of hard coal and lignite in 2024 equals 0% (therefore below the threshold of 1%). Enel's strategy of promoting a sustainable financial model has contributed to reaching 68% of the debt with interest rates linked to the achievement of our sustainability goals. With regard to the effects of climate change issues, the Group considers them an implicit element in the application of the methodologies and models used to make estimates in the valuation and/or measurement of certain accounting items. Furthermore, the Group has also considered the impacts of climate change in the significant judgments made by management. In this regard, the main items included in the 2024 Integrated Annual Report affected by the use of Management estimates and judgments concern the impairment of non-financial assets, bonds related to the energy transition, including those for decommissioning and the site restoration of certain power generation plants. We address climate-related risks and opportunities placing among our priorities the progressive reduction of greenhouse gas (GHG) emissions through the increasing impulse of renewable energies and optimization of the management of traditional technologies. From an operational standpoint, according to the 2025-2027 Strategic Plan, by 2027, we expect to add around 12 GW of new renewable capacity in all geographies where it is present on the back of a robust pipeline of around 308 GW, of which approximately 117 GW at a mature stage. Our water reduction strategy is closely related to our decarbonization strategy, which is necessary to reduce water withdrawals. As of last year, Enel has strengthened its commitment to preserving water resources, aiming to reduce freshwater withdrawal by 65% from 2017. By focusing on vulnerable water resources, Enel underlines its dedication to environmental protection and the common good, in line with EU sustainability standards (ESRS-E3 standard).

[Add row]

(5.4) In your organization's financial accounting, do you identify spending/revenue that is aligned with your organization's climate transition?

	Identification of spending/revenue that is aligned with your organization's climate transition	Methodology or framework used to assess alignment with your organization's climate transition	Indicate the level at which you identify the alignment of your spending/revenue with a sustainable finance taxonomy
	<i>Select from:</i> ☒ Yes	<i>Select all that apply</i> ☒ A sustainable finance taxonomy ☒ Other methodology or framework	<i>Select from:</i> ☒ At both the organization and activity level

[Fixed row]

(5.4.1) Quantify the amount and percentage share of your spending/revenue that is aligned with your organization's climate transition.

Row 1

(5.4.1.1) Methodology or framework used to assess alignment

Select from:

☒ A sustainable finance taxonomy

(5.4.1.2) Taxonomy under which information is being reported

Select from:

☒ EU Taxonomy for Sustainable Activities

(5.4.1.3) Objective under which alignment is being reported

Select from:

☒ Total across climate change mitigation and climate change adaption

(5.4.1.4) Indicate whether you are reporting eligibility information for the selected objective

Select from:

☒ Yes

(5.4.1.5) Financial metric

Select from:

☒ CAPEX

(5.4.1.6) Amount of selected financial metric that is aligned in the reporting year (currency)

9588000

(5.4.1.7) Percentage share of selected financial metric aligned in the reporting year (%)

83.8

(5.4.1.8) Percentage share of selected financial metric planned to align in 2025 (%)

80

(5.4.1.9) Percentage share of selected financial metric planned to align in 2030 (%)

80

(5.4.1.10) Percentage share of financial metric that is taxonomy-eligible in the reporting year (%)

86.5

(5.4.1.11) Percentage share of financial metric that is taxonomy non-eligible in the reporting year (%)

13.5

(5.4.1.12) Details of the methodology or framework used to assess alignment with your organization's climate transition

Proportion of the Capital Expenditure (Capex), during a certain period, in activities that are qualified as sustainable from an environmental point of view based on the criteria specified in article 3 of the regulation on EU taxonomy (2020/852) (expressed as a percentage). (a) Capex aligned to the EU taxonomy in EURbn (b) Total Capex according to the requirements of Article 8 of the regulation on EU taxonomy (2020/852) in EURbn Proportion of Capex aligned to the EU taxonomy (a)/(b) %

The passage to zero greenhouse gas emissions by 2040 will require Enel to make huge investments over the next two decades. The share of Enel investments in capital expenses aligned to the EU taxonomy shows to what extent Enel is investing in a carbon-free business model. In November 2022 Enel announced its goal of aligning at least 80% of its investments in capital expenses during 2023-2025 with the EU taxonomy. In line with the 2025-2027 Strategic Plan, the Group confirmed the same target for the period 2025-2027 We expect that this rate will be maintained or increased even in the mid term (2030). In 2024, 83.8% of capex (equal to €9,588 million) relates to business activities aligned with the EU Taxonomy. More specifically, this reflects investments in grids in the amount of €6,113 million (up €611 million from 2023) in order to guarantee the reliability and quality of service through efficient, resilient and digital networks; investments in renewables in the amount of €3,211 million (down €2,927 million on 2023) due to the substantial completion of some projects in Battery Energy Storage Systems - BESS, and investments relating to products and services for customers for the remaining amount of €264 million (down €194 million from 2023) mainly due to the completion of activities related to energy efficiency measures. The percentage of capex aligned with the European Taxonomy in 2024 is slightly lower than in 2023 (84.8% equal to €12,097 million) mainly reflecting: lower capital expenditure in absolute terms (particularly in the renewable sector for the reasons commented earlier) and a slight increase in the share of non-eligible activities over total investments (in particular the digitalization of customer management operational processes in the Retail segment)

[Add row]

(5.4.2) Quantify the percentage share of your spending/revenue that was associated with eligible and aligned activities under the sustainable finance taxonomy in the reporting year.

Row 1

(5.4.2.1) Economic activity

Select from:

☒ Electricity generation from wind power

(5.4.2.2) Taxonomy under which information is being reported

Select from:

☒ EU Taxonomy for Sustainable Activities

(5.4.2.3) Taxonomy alignment

Select from:

☒ Taxonomy-aligned

(5.4.2.4) Financial metrics

Select all that apply

☒ Turnover

☒ CAPEX

☒ OPEX

(5.4.2.5) Types of substantial contribution

Select all that apply

☒ Own performance

(5.4.2.6) Taxonomy-aligned turnover from this activity in the reporting year (currency)

1835000000

(5.4.2.7) Taxonomy-aligned turnover from this activity as % of total turnover in the reporting year

2.3

(5.4.2.8) Taxonomy-aligned turnover from this activity that substantially contributed to climate change mitigation as a % of total turnover in the reporting year

2.3

(5.4.2.9) Taxonomy-aligned turnover from this activity that substantially contributed to climate change adaptation as a % of total turnover in the reporting year

0

(5.4.2.13) Taxonomy-aligned CAPEX from this activity in the reporting year (currency)

418000000

(5.4.2.14) Taxonomy-aligned CAPEX from this activity as % of total CAPEX in the reporting year

3.7

(5.4.2.15) Taxonomy-aligned CAPEX from this activity that substantially contributed to climate change mitigation as a % of total CAPEX in the reporting year

3.7

(5.4.2.16) Taxonomy-aligned CAPEX from this activity that substantially contributed to climate change adaptation as a % of total CAPEX in the reporting year

0

(5.4.2.20) Taxonomy-aligned OPEX from this activity in the reporting year (currency)

85000000

(5.4.2.21) Taxonomy-aligned OPEX from this activity as % of total OPEX in the reporting year

6.3

(5.4.2.22) Taxonomy-aligned OPEX from this activity that substantially contributed to climate change mitigation as a % of total OPEX in the reporting year

6.3

(5.4.2.23) Taxonomy-aligned OPEX from this activity that substantially contributed to climate change adaptation as a % of total OPEX in the reporting year

(5.4.2.27) Calculation methodology and supporting information

Financial metrics were assigned to each economic activity based on the classification defined in steps 1–4, using detailed financial data extracted from the Group's official accounting system. The three financial metrics required by the EU Taxonomy Regulation—turnover (revenue), capital expenditure (capex), and operating expenditure (opex)—were calculated in line with the eligibility analysis outlined in the previous section. Financial data were retrieved from the management systems used by Enel Group's business lines. In some cases, delegated powers allowed for a more accurate and granular representation of values, or for the exclusion of specific activities from the eligible and aligned perimeter (e.g., non-aligned hydroelectric generation or infrastructure considered eligible but not aligned within the distribution network). For illustrative purposes, proxies adopted include:

- **Hydroelectric:** Eligible but non-aligned hydro plants were excluded by multiplying their output by the average turnover per unit in 2023–2024. The same approach was consistently applied to capex and opex.
- **Networks:** For capex, new connections between substations and plants with emissions above 100 gCO₂eq/kWh were excluded by multiplying their capacity (MW) by the average unit capex (k€/MW) for 2023–2024. This method was also extended to turnover based on asset lifetime. Aggregated financial data are presented by activity as required by the EU Taxonomy Regulation and include only items related to third-party operations. All electricity and gas sales were conservatively reported as "Taxonomy-non-eligible." Absolute revenue, capex, and opex figures correspond to euro values per activity. KPI shares reflect the contribution of each economic activity to the specific cost category defined by the Taxonomy. These include non-capitalized direct costs such as R&D, renovation of buildings, short-term leases, maintenance, and other expenses—by the company or by third parties—essential to ensure the ongoing and effective functioning of assets and facilities. In line with Article 11(1)(a), capex/opex related to adaptation within mitigation-aligned activities were not reported under adaptation, avoiding double counting. No revenue was considered eligible under Article 11(1)(b). Contributions to biodiversity or circular economy objectives were rounded to "0" due to their marginal financial relevance.

(5.4.2.28) Substantial contribution criteria met

Select from:

☒ Yes

(5.4.2.29) Details of substantial contribution criteria analysis

Climate change mitigation: Eligible activities identified previously were analyzed for compliance with the technical screening criteria set by the Climate and Complementary Delegated Acts. a) Power generation: Coal and liquid fuels: excluded from Taxonomy. Gas: Compliance with 100 gCO₂eq/kWh threshold verified, including alternative criteria under the Delegated Act. Nuclear: Eligibility of the three nuclear activities assessed based on Enel's assets in Spain. Wind, solar, storage: exempt from threshold due to substantial contribution. Hydropower: Threshold verified only if power density <5 W/m²; others are exempt. Geothermal: Assessed via certified LCA by third parties. b) Electricity distribution: Screening criteria checked in all countries where Enel operates. Compliance was ensured if: the DSO is in the European interconnected system; in non-EU countries, >67% of new capacity (2019–2023) meets the 100 gCO₂eq/kWh threshold; or the grid's average emission factor is below the threshold. Infrastructure linked to high-emission generation plants was excluded from aligned activities. c) Enel X: A full review of the business line portfolio was carried out, mapping eligible activities to Climate Delegated Act sectors (e.g., construction, transport, professional services). 2.2 Climate change adaptation: No Group activities qualify as enabling under Article 11(1)(b), so no revenue was reported as eligible. Some activities include adaptation measures aligned with Article 11(1)(a). However, since most adaptation measures are embedded in mitigation-aligned facilities, it is difficult to distinguish capex/opex between

the two. Following Commission Notice 2023/305, Enel reported such expenditure only under the mitigation objective to avoid double counting. Further details are in the “Climate change” and “Group strategy and risk management” chapters. 2.3 Other objectives: Circular economy – Sale of spare parts (5.2) Biodiversity – Restoration activities (1.1) Both were deemed eligible but non-aligned due to limited economic relevance.

(5.4.2.30) Do no significant harm requirements met

Select from:

☒ Yes

(5.4.2.31) Details of do no significant harm analysis

Assessment of the principle of Do No Significant Harm (DNSH) to other objectives An analysis of existing environmental procedures was carried out to verify compliance with the DNSH quality criteria for each type of technology (for electricity generation), region (for distribution) and product cluster level (for activities of the Enel X Business Line), adapted to the specific requirements set out for each of the following environmental objectives: • climate change mitigation: applicable only for Taxonomy-eligible activities for climate adaptation or any of the other four objectives. In this case, the criteria are considered to be fulfilled, since the same activities carried out by Enel, which could contribute to climate adaptation, definitely contribute to climate mitigation, i.e. they fulfil the technical screening criteria of climate mitigation, which are equivalent or more demanding than the corresponding DNSH criteria on climate mitigation; • adaptation to climate change: analysis of global procedures (including emerging and restoration procedures), assessment of physical climate risks and solutions and adaptation plans in place covering all applicable activities related to electricity generation and networks and Enel X; • sustainable use and protection of waters and marine resources: analysis of water-related procedures, permits, environmental impact assessments, national regulations and water management plans which in particular involve the business line related to energy generation; • transition to a circular economy: analysis of waste management plans, procurement requirements and circular economy projects and plans covering all activities applicable to the generation and distribution of electricity and to the products of Enel X; • pollution prevention and control: analysis of global procedures and national regulations concerning all applicable activities from electricity generation, distribution and the manufacture of solar panels. In addition, substances for the production of solar panels, electromagnetic radiation for distribution, and emissions from power generation activities were further analyzed for air quality; • protection and restoration of biodiversity and ecosystems: analysis of global procedures and national regulations covering all applicable activities from electricity generation and networks.

(5.4.2.32) Minimum safeguards compliance requirements met

Select from:

☒ Yes

(5.4.2.33) Attach any supporting evidence

Module 5.4.2 - Enel CDP - 2025.xlsx

Row 2**(5.4.2.1) Economic activity***Select from:*☒ Electricity generation using solar photovoltaic technology**(5.4.2.2) Taxonomy under which information is being reported***Select from:*☒ EU Taxonomy for Sustainable Activities**(5.4.2.3) Taxonomy alignment***Select from:*☒ Taxonomy-aligned**(5.4.2.4) Financial metrics***Select all that apply*☒ Turnover☒ CAPEX☒ OPEX**(5.4.2.5) Types of substantial contribution***Select all that apply*☒ Own performance**(5.4.2.6) Taxonomy-aligned turnover from this activity in the reporting year (currency)**

1380000000

(5.4.2.7) Taxonomy-aligned turnover from this activity as % of total turnover in the reporting year

1.7

(5.4.2.8) Taxonomy-aligned turnover from this activity that substantially contributed to climate change mitigation as a % of total turnover in the reporting year

1.7

(5.4.2.9) Taxonomy-aligned turnover from this activity that substantially contributed to climate change adaptation as a % of total turnover in the reporting year

0

(5.4.2.13) Taxonomy-aligned CAPEX from this activity in the reporting year (currency)

1479000000

(5.4.2.14) Taxonomy-aligned CAPEX from this activity as % of total CAPEX in the reporting year

12.9

(5.4.2.15) Taxonomy-aligned CAPEX from this activity that substantially contributed to climate change mitigation as a % of total CAPEX in the reporting year

12.9

(5.4.2.16) Taxonomy-aligned CAPEX from this activity that substantially contributed to climate change adaptation as a % of total CAPEX in the reporting year

0

(5.4.2.20) Taxonomy-aligned OPEX from this activity in the reporting year (currency)

66000000

(5.4.2.21) Taxonomy-aligned OPEX from this activity as % of total OPEX in the reporting year

4.9

(5.4.2.22) Taxonomy-aligned OPEX from this activity that substantially contributed to climate change mitigation as a % of total OPEX in the reporting year

4.9

(5.4.2.23) Taxonomy-aligned OPEX from this activity that substantially contributed to climate change adaptation as a % of total OPEX in the reporting year

0

(5.4.2.27) Calculation methodology and supporting information

Financial metrics were assigned to each economic activity based on the classification defined in steps 1–4, using detailed financial data extracted from the Group's official accounting system. The three financial metrics required by the EU Taxonomy Regulation—turnover (revenue), capital expenditure (capex), and operating expenditure (opex)—were calculated in line with the eligibility analysis outlined in the previous section. Financial data were retrieved from the management systems used by Enel Group's business lines. In some cases, delegated powers allowed for a more accurate and granular representation of values, or for the exclusion of specific activities from the eligible and aligned perimeter (e.g., non-aligned hydroelectric generation or infrastructure considered eligible but not aligned within the distribution network). For illustrative purposes, proxies adopted include:

- **Hydroelectric:** Eligible but non-aligned hydro plants were excluded by multiplying their output by the average turnover per unit in 2023–2024. The same approach was consistently applied to capex and opex.
- **Networks:** For capex, new connections between substations and plants with emissions above 100 gCO₂eq/kWh were excluded by multiplying their capacity (MW) by the average unit capex (k€/MW) for 2023–2024. This method was also extended to turnover based on asset lifetime. Aggregated financial data are presented by activity as required by the EU Taxonomy Regulation and include only items related to third-party operations. All electricity and gas sales were conservatively reported as "Taxonomy-non-eligible." Absolute revenue, capex, and opex figures correspond to euro values per activity. KPI shares reflect the contribution of each economic activity to the specific cost category defined by the Taxonomy. These include non-capitalized direct costs such as R&D, renovation of buildings, short-term leases, maintenance, and other expenses—by the company or by third parties—essential to ensure the ongoing and effective functioning of assets and facilities. In line with Article 11(1)(a), capex/opex related to adaptation within mitigation-aligned activities were not reported under adaptation, avoiding double counting. No revenue was considered eligible under Article 11(1)(b). Contributions to biodiversity or circular economy objectives were rounded to "0" due to their marginal financial relevance.

(5.4.2.28) Substantial contribution criteria met

Select from:

☒ Yes

(5.4.2.29) Details of substantial contribution criteria analysis

Climate change mitigation: Eligible activities identified previously were analyzed for compliance with the technical screening criteria set by the Climate and Complementary Delegated Acts. a) Power generation: Coal and liquid fuels: excluded from Taxonomy. Gas: Compliance with 100 gCO₂eq/kWh threshold verified, including alternative criteria under the Delegated Act. Nuclear: Eligibility of the three nuclear activities assessed based on Enel's assets in Spain. Wind, solar, storage: exempt from threshold due to substantial contribution. Hydropower: Threshold verified only if power density <5 W/m²; others are exempt. Geothermal: Assessed via certified LCA by third parties. b) Electricity distribution: Screening criteria checked in all countries where Enel operates. Compliance was ensured if: the DSO is in the European interconnected system; in non-EU countries, >67% of new capacity (2019–2023) meets the 100 gCO₂eq/kWh threshold; or the grid's average emission factor is below the threshold. Infrastructure linked to high-emission generation plants was excluded from aligned activities. c) Enel X: A full review of the business line portfolio was carried out, mapping eligible activities to Climate Delegated Act sectors (e.g., construction, transport, professional services). 2.2 Climate change adaptation: No Group activities qualify as enabling under Article 11(1)(b), so no revenue was reported as eligible. Some activities include adaptation measures aligned with Article 11(1)(a). However, since most adaptation measures are embedded in mitigation-aligned facilities, it is difficult to distinguish capex/opex between the two. Following Commission Notice 2023/305, Enel reported such expenditure only under the mitigation objective to avoid double counting. Further details are in the "Climate change" and "Group strategy and risk management" chapters. 2.3 Other objectives: Circular economy – Sale of spare parts (5.2) Biodiversity – Restoration activities (1.1) Both were deemed eligible but non-aligned due to limited economic relevance.

(5.4.2.30) Do no significant harm requirements met

Select from:

☒ Yes

(5.4.2.31) Details of do no significant harm analysis

Assessment of the principle of Do No Significant Harm (DNSH) to other objectives An analysis of existing environmental procedures was carried out to verify compliance with the DNSH quality criteria for each type of technology (for electricity generation), region (for distribution) and product cluster level (for activities of the Enel X Business Line), adapted to the specific requirements set out for each of the following environmental objectives: • climate change mitigation: applicable only for Taxonomy-eligible activities for climate adaptation or any of the other four objectives. In this case, the criteria are considered to be fulfilled, since the same activities carried out by Enel, which could contribute to climate adaptation, definitely contribute to climate mitigation, i.e. they fulfil the technical screening criteria of climate mitigation, which are equivalent or more demanding than the corresponding DNSH criteria on climate mitigation; • adaptation to climate change: analysis of global procedures (including emerging and restoration procedures), assessment of physical climate risks and solutions and adaptation plans in place covering all applicable activities related to electricity generation and networks and Enel X; • sustainable use and protection of waters and marine resources: analysis of water-related procedures, permits, environmental impact assessments, national regulations and water management plans which in particular involve the business line related to energy generation; • transition to a circular economy: analysis of waste management plans, procurement requirements and circular economy projects and plans

covering all activities applicable to the generation and distribution of electricity and to the products of Enel X; • pollution prevention and control: analysis of global procedures and national regulations concerning all applicable activities from electricity generation, distribution and the manufacture of solar panels. In addition, substances for the production of solar panels, electromagnetic radiation for distribution, and emissions from power generation activities were further analyzed for air quality; • protection and restoration of biodiversity and ecosystems: analysis of global procedures and national regulations covering all applicable activities from electricity generation and networks.

(5.4.2.32) Minimum safeguards compliance requirements met

Select from:

☒ Yes

(5.4.2.33) Attach any supporting evidence

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Row 3

(5.4.2.1) Economic activity

Select from:

☒ Electricity generation from geothermal energy

(5.4.2.2) Taxonomy under which information is being reported

Select from:

☒ EU Taxonomy for Sustainable Activities

(5.4.2.3) Taxonomy alignment

Select from:

☒ Taxonomy-aligned

(5.4.2.4) Financial metrics

Select all that apply

- ☒ Turnover
- ☒ CAPEX
- ☒ OPEX

(5.4.2.5) Types of substantial contribution

Select all that apply

- ☒ Own performance

(5.4.2.6) Taxonomy-aligned turnover from this activity in the reporting year (currency)

556000000

(5.4.2.7) Taxonomy-aligned turnover from this activity as % of total turnover in the reporting year

0.7

(5.4.2.8) Taxonomy-aligned turnover from this activity that substantially contributed to climate change mitigation as a % of total turnover in the reporting year

0.7

(5.4.2.9) Taxonomy-aligned turnover from this activity that substantially contributed to climate change adaptation as a % of total turnover in the reporting year

0

(5.4.2.13) Taxonomy-aligned CAPEX from this activity in the reporting year (currency)

123000000

(5.4.2.14) Taxonomy-aligned CAPEX from this activity as % of total CAPEX in the reporting year

1.1

(5.4.2.15) Taxonomy-aligned CAPEX from this activity that substantially contributed to climate change mitigation as a % of total CAPEX in the reporting year

1.1

(5.4.2.16) Taxonomy-aligned CAPEX from this activity that substantially contributed to climate change adaptation as a % of total CAPEX in the reporting year

0

(5.4.2.20) Taxonomy-aligned OPEX from this activity in the reporting year (currency)

5000000

(5.4.2.21) Taxonomy-aligned OPEX from this activity as % of total OPEX in the reporting year

0.4

(5.4.2.22) Taxonomy-aligned OPEX from this activity that substantially contributed to climate change mitigation as a % of total OPEX in the reporting year

0.4

(5.4.2.23) Taxonomy-aligned OPEX from this activity that substantially contributed to climate change adaptation as a % of total OPEX in the reporting year

0

(5.4.2.27) Calculation methodology and supporting information

Financial metrics were assigned to each economic activity based on the classification defined in steps 1–4, using detailed financial data extracted from the Group's official accounting system. The three financial metrics required by the EU Taxonomy Regulation—turnover (revenue), capital expenditure (capex), and operating

expenditure (opex)—were calculated in line with the eligibility analysis outlined in the previous section. Financial data were retrieved from the management systems used by Enel Group's business lines. In some cases, delegated powers allowed for a more accurate and granular representation of values, or for the exclusion of specific activities from the eligible and aligned perimeter (e.g., non-aligned hydroelectric generation or infrastructure considered eligible but not aligned within the distribution network). For illustrative purposes, proxies adopted include: • *Hydroelectric*: Eligible but non-aligned hydro plants were excluded by multiplying their output by the average turnover per unit in 2023–2024. The same approach was consistently applied to capex and opex. • *Networks*: For capex, new connections between substations and plants with emissions above 100 gCO₂eq/kWh were excluded by multiplying their capacity (MW) by the average unit capex (k€/MW) for 2023–2024. This method was also extended to turnover based on asset lifetime. Aggregated financial data are presented by activity as required by the EU Taxonomy Regulation and include only items related to third-party operations. All electricity and gas sales were conservatively reported as "Taxonomy-non-eligible." Absolute revenue, capex, and opex figures correspond to euro values per activity. KPI shares reflect the contribution of each economic activity to the specific cost category defined by the Taxonomy. These include non-capitalized direct costs such as R&D, renovation of buildings, short-term leases, maintenance, and other expenses—by the company or by third parties—essential to ensure the ongoing and effective functioning of assets and facilities. In line with Article 11(1)(a), capex/opex related to adaptation within mitigation-aligned activities were not reported under adaptation, avoiding double counting. No revenue was considered eligible under Article 11(1)(b). Contributions to biodiversity or circular economy objectives were rounded to "0" due to their marginal financial relevance.

(5.4.2.28) Substantial contribution criteria met

Select from:

☒ Yes

(5.4.2.29) Details of substantial contribution criteria analysis

Climate change mitigation: Eligible activities identified previously were analyzed for compliance with the technical screening criteria set by the Climate and Complementary Delegated Acts. a) Power generation: Coal and liquid fuels: excluded from Taxonomy. Gas: Compliance with 100 gCO₂eq/kWh threshold verified, including alternative criteria under the Delegated Act. Nuclear: Eligibility of the three nuclear activities assessed based on Enel's assets in Spain. Wind, solar, storage: exempt from threshold due to substantial contribution. Hydropower: Threshold verified only if power density <5 W/m²; others are exempt. Geothermal: Assessed via certified LCA by third parties. b) Electricity distribution: Screening criteria checked in all countries where Enel operates. Compliance was ensured if: the DSO is in the European interconnected system; in non-EU countries, >67% of new capacity (2019–2023) meets the 100 gCO₂eq/kWh threshold; or the grid's average emission factor is below the threshold. Infrastructure linked to high-emission generation plants was excluded from aligned activities. c) Enel X: A full review of the business line portfolio was carried out, mapping eligible activities to Climate Delegated Act sectors (e.g., construction, transport, professional services). 2.2 Climate change adaptation: No Group activities qualify as enabling under Article 11(1)(b), so no revenue was reported as eligible. Some activities include adaptation measures aligned with Article 11(1)(a). However, since most adaptation measures are embedded in mitigation-aligned facilities, it is difficult to distinguish capex/opex between the two. Following Commission Notice 2023/305, Enel reported such expenditure only under the mitigation objective to avoid double counting. Further details are in the "Climate change" and "Group strategy and risk management" chapters. 2.3 Other objectives: Circular economy – Sale of spare parts (5.2) Biodiversity – Restoration activities (1.1) Both were deemed eligible but non-aligned due to limited economic relevance.

(5.4.2.30) Do no significant harm requirements met

Select from:

☒ Yes

(5.4.2.31) Details of do no significant harm analysis

Assessment of the principle of Do No Significant Harm (DNSH) to other objectives An analysis of existing environmental procedures was carried out to verify compliance with the DNSH quality criteria for each type of technology (for electricity generation), region (for distribution) and product cluster level (for activities of the Enel X Business Line), adapted to the specific requirements set out for each of the following environmental objectives: • climate change mitigation: applicable only for Taxonomy-eligible activities for climate adaptation or any of the other four objectives. In this case, the criteria are considered to be fulfilled, since the same activities carried out by Enel, which could contribute to climate adaptation, definitely contribute to climate mitigation, i.e. they fulfil the technical screening criteria of climate mitigation, which are equivalent or more demanding than the corresponding DNSH criteria on climate mitigation; • adaptation to climate change: analysis of global procedures (including emerging and restoration procedures), assessment of physical climate risks and solutions and adaptation plans in place covering all applicable activities related to electricity generation and networks and Enel X; • sustainable use and protection of waters and marine resources: analysis of water-related procedures, permits, environmental impact assessments, national regulations and water management plans which in particular involve the business line related to energy generation; • transition to a circular economy: analysis of waste management plans, procurement requirements and circular economy projects and plans covering all activities applicable to the generation and distribution of electricity and to the products of Enel X; • pollution prevention and control: analysis of global procedures and national regulations concerning all applicable activities from electricity generation, distribution and the manufacture of solar panels. In addition, substances for the production of solar panels, electromagnetic radiation for distribution, and emissions from power generation activities were further analyzed for air quality; • protection and restoration of biodiversity and ecosystems: analysis of global procedures and national regulations covering all applicable activities from electricity generation and networks.

(5.4.2.32) Minimum safeguards compliance requirements met

Select from:

☒ Yes

(5.4.2.33) Attach any supporting evidence

Module 5.4.2 - Enel CDP - 2025.xlsx

Row 4

(5.4.2.1) Economic activity

Select from:

☒ Storage of electricity

(5.4.2.2) Taxonomy under which information is being reported

Select from:

☒ EU Taxonomy for Sustainable Activities

(5.4.2.3) Taxonomy alignment

Select from:

☒ Taxonomy-aligned

(5.4.2.4) Financial metrics

Select all that apply

☒ Turnover

☒ CAPEX

☒ OPEX

(5.4.2.5) Types of substantial contribution

Select all that apply

☒ Own performance

(5.4.2.6) Taxonomy-aligned turnover from this activity in the reporting year (currency)

188000000

(5.4.2.7) Taxonomy-aligned turnover from this activity as % of total turnover in the reporting year

0.3

(5.4.2.8) Taxonomy-aligned turnover from this activity that substantially contributed to climate change mitigation as a % of total turnover in the reporting year

0.3

(5.4.2.9) Taxonomy-aligned turnover from this activity that substantially contributed to climate change adaptation as a % of total turnover in the reporting year

0

(5.4.2.13) Taxonomy-aligned CAPEX from this activity in the reporting year (currency)

602000000

(5.4.2.14) Taxonomy-aligned CAPEX from this activity as % of total CAPEX in the reporting year

5.3

(5.4.2.15) Taxonomy-aligned CAPEX from this activity that substantially contributed to climate change mitigation as a % of total CAPEX in the reporting year

5.3

(5.4.2.16) Taxonomy-aligned CAPEX from this activity that substantially contributed to climate change adaptation as a % of total CAPEX in the reporting year

0

(5.4.2.20) Taxonomy-aligned OPEX from this activity in the reporting year (currency)

0

(5.4.2.21) Taxonomy-aligned OPEX from this activity as % of total OPEX in the reporting year

0

(5.4.2.22) Taxonomy-aligned OPEX from this activity that substantially contributed to climate change mitigation as a % of total OPEX in the reporting year

0

(5.4.2.23) Taxonomy-aligned OPEX from this activity that substantially contributed to climate change adaptation as a % of total OPEX in the reporting year

0

(5.4.2.27) Calculation methodology and supporting information

Financial metrics were assigned to each economic activity based on the classification defined in steps 1–4, using detailed financial data extracted from the Group's official accounting system. The three financial metrics required by the EU Taxonomy Regulation—turnover (revenue), capital expenditure (capex), and operating expenditure (opex)—were calculated in line with the eligibility analysis outlined in the previous section. Financial data were retrieved from the management systems used by Enel Group's business lines. In some cases, delegated powers allowed for a more accurate and granular representation of values, or for the exclusion of specific activities from the eligible and aligned perimeter (e.g., non-aligned hydroelectric generation or infrastructure considered eligible but not aligned within the distribution network). For illustrative purposes, proxies adopted include:

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(5.4.2.28) Substantial contribution criteria met

Select from:

☒ Yes

(5.4.2.29) Details of substantial contribution criteria analysis

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(5.4.2.30) Do no significant harm requirements met

Select from:

☒ Yes

(5.4.2.31) Details of do no significant harm analysis

Assessment of the principle of Do No Significant Harm (DNSH) to other objectives An analysis of existing environmental procedures was carried out to verify compliance with the DNSH quality criteria for each type of technology (for electricity generation), region (for distribution) and product cluster level (for activities of the Enel X Business Line), adapted to the specific requirements set out for each of the following environmental objectives: • climate change mitigation: applicable only for Taxonomy-eligible activities for climate adaptation or any of the other four objectives. In this case, the criteria are considered to be fulfilled, since the same activities carried out by Enel, which could contribute to climate adaptation, definitely contribute to climate mitigation, i.e. they fulfil the technical screening criteria of climate mitigation, which are equivalent or more demanding than the corresponding DNSH criteria on climate mitigation; • adaptation to climate change: analysis of global procedures (including emerging and restoration procedures), assessment of physical climate risks and solutions and adaptation plans in place covering all applicable activities related to electricity generation and networks and Enel X; • sustainable use and protection of waters and marine resources: analysis of water-related procedures, permits, environmental impact assessments, national regulations and water management plans which in particular involve the business line related to energy generation; • transition to a circular economy: analysis of waste management plans, procurement requirements and circular economy projects and plans covering all activities applicable to the generation and distribution of electricity and to the products of Enel X; • pollution prevention and control: analysis of global procedures and national regulations concerning all applicable activities from electricity generation, distribution and the manufacture of solar panels. In addition, substances for the production of solar panels, electromagnetic radiation for distribution, and emissions from power generation activities were further analyzed for air