

C0. Introduction

C0.1

(C0.1) Give a general description and introduction to your organization.

Soitec is the world leader in semiconductor materials and there plays a key role in the microelectronics industry. It designs and manufactures innovative semiconductor materials. These substrates are then patterned and cut into chips to make circuits for electronic components. Soitec offers unique and competitive solutions for miniaturizing chips, improving their performance and reducing their energy usage. The company introduced the Smart Cut technology on the market on a industrial scale, which today is used to make nearly all SOI wafers sold in the world.

Soitec purchases silicon wafers from silicon manufacturers who smelt, cast and cut the material into wafers of raw silicon. Then, Soitec uses its advanced technology, primarily its Smart Cut™ process, to insert an insulating layer between two layers of silicon oxide, creating silicon-on-insulator (SOI) wafers. It then sells these wafers to integrated circuit manufacturers.

In addition to producing electronic components with increased performance and energy efficiency, SOI wafers also reduce manufacturing costs by simplifying device architecture.

Developed in the Grenoble area, the Smart Cut process is a unique technological breakthrough that uses nanotechnology on an atomic scale.

Soitec has the largest industrial manufacturing site for SOI wafers (200 mm to 300 mm) in the world. It includes 4,500 m² of cleanrooms spread out between its three factories in France. In 2015, Soitec partnered with the Chinese company Simgui to manufacture 200-mm SOI wafers for the Chinese market and operate as a manufacturing partner (foundry model) for Soitec customers outside of China. Soitec also has a FD-SOI pilot line in Singapore.

The company has some 1666 employees in 2020 representing +40 nationalities. 73% are managers, engineers or technicians and 22% work in R&D. The main Soitec locations are Bernin (France) with 1269 employees and Pasir-Sir (Singapore) with 164 employees. Soitec also has small sales offices in China, Japan, South Korea and the USA (26 fte in total), and also has 3 subsidiaries (Dolphin: 177 fte; Epigan: 15 fte; Freqnsys: 15 fte).

[Note: Except for a very small production amount in the Epigan lab, Soitec's sales offices and the 3 subsidiaries (Dolphin, Epigan, Freqnsys) only carry out tertiary activities. Estimates done internally show that the total GHG emissions associated with these activities together account for less than 2.5% all Soitec's GHG emissions for each scope 1, 2 & 3 of the GHG inventory. At the same time, the data collection burden associated with the inclusion of these activities into Soitec's GHG inventory is high. Thus it was decided to exclude these activities from Soitec's response to the CDP climate questionnaire at that stage.]

C0.2

(C0.2) State the start and end date of the year for which you are reporting data.

	Start date	End date	Indicate if you are providing emissions data for past reporting years	Select the number of past reporting years you will be providing emissions data for
Reporting year	January 1 2020	December 31 2020	Yes	1 year

C0.3

(C0.3) Select the countries/areas for which you will be supplying data.

France
Singapore

C0.4

(C0.4) Select the currency used for all financial information disclosed throughout your response.

EUR

C0.5

(C0.5) Select the option that describes the reporting boundary for which climate-related impacts on your business are being reported. Note that this option should align with your chosen approach for consolidating your GHG inventory.

Operational control

C1. Governance

C1.1

(C1.1) Is there board-level oversight of climate-related issues within your organization?

Yes

C1.1a

(C1.1a) Identify the position(s) (do not include any names) of the individual(s) on the board with responsibility for climate-related issues.

Position of individual(s)	Please explain
Chief Executive Officer (CEO)	The CEO has the responsibility of the climate-related issues. He proposes objectives and the action plan related to climate change, which are fully part of the company's strategy. Climate performance is part of his objectives for his variable remuneration. The CEO is a member of the Board. The board of directors appointed its Remuneration Committee in March 2021 to follow up Environment&Sustainability-related matters, including the action plan against climate change.
Other, please specify (Chairperson of the Remuneration Committee)	The Remuneration Committee is in charge of environment-related matters at Board level. The chair person provides regular reports to the Board on its works and analyses and recommends KPIs and mid-term objectives.
Other, please specify (Chairperson of the Audit & Risk Committee)	The Audit & Risk Committee assesses the risk of the company, including those related to climate change. The Chairperson presents the conclusions and recommendations of the Committee to the Board.
Other, please specify (Chairperson of the Strategy Committee)	Sustainability is one the pillars of the company's strategy therefore climate change is reviewed at this level as well.

C1.1b

(C1.1b) Provide further details on the board's oversight of climate-related issues.

Frequency with which climate-related issues are a scheduled agenda item	Governance mechanisms into which climate-related issues are integrated	Scope of board-level oversight	Please explain
Other, please specify (At least once a year in each of the committees above-mentioned and consequently in the meetings of the Board following the conclusion report of each Committee.)	Reviewing and guiding strategy Reviewing and guiding risk management policies	<Not Applicable>	The environmental performance of the company is reviewed when the Universal Reference Document (financial and extra-financial) report is presented to the Board for issuance. Moreover, the Audit and Risk committee reviews the risks of the company with a particular focus on environmental issues once a year including climate change aspects. Since 2021, the compensation committee reviews Soitec's climate strategy on a regular basis; since 2020, it has included a climate performance criterion as one of the objectives of the variable part of the CEO. The 3 chairpersons of the Audit and Risk Committee, of the Strategy Committee, and of the Compensation Committee are responsible for the respective reviews and actions described above.

C1.2

(C1.2) Provide the highest management-level position(s) or committee(s) with responsibility for climate-related issues.

Name of the position(s) and/or committee(s)	Reporting line	Responsibility	Coverage of responsibility	Frequency of reporting to the board on climate-related issues
Chief Executive Officer (CEO)	<Not Applicable>	Managing climate-related risks and opportunities	<Not Applicable>	Quarterly
Other, please specify (Executive Committee)	<Not Applicable>	Other, please specify (Reviewing the Group's strategy, action plan and KPIs)	<Not Applicable>	Quarterly
Other, please specify (Executive VP People & Sustainability)	<Not Applicable>	Other, please specify (Specifying, deploying and implementing the strategy and action plans throughout the Group..)	<Not Applicable>	Quarterly
Chief Risks Officer (CRO) Chairperson of the Audit and Risk Committee	<Not Applicable>	Assessing climate-related risks and opportunities	<Not Applicable>	Annually

C1.2a

(C1.2a) Describe where in the organizational structure this/these position(s) and/or committees lie, what their associated responsibilities are, and how climate-related issues are monitored (do not include the names of individuals).

Climate change is part of CSR in Soitec, and as such is part of the Human Resources Department. Its activities are steered by the various operational entities which create, implement, and assess the policies, objectives, and results:

-the Human Resources & Corporate Social Responsibility Department;

-the HSE Department;

-the sites' managements;

-the Occupational Health Department;

-the Finance Department;

-the Quality Department;

-the Facilities Department;

-the Procurement Department.

Major decisions are discussed by the Executive Committee and in the quarterly reviews of our Company 's policies.

C1.3

(C1.3) Do you provide incentives for the management of climate-related issues, including the attainment of targets?

	Provide incentives for the management of climate-related issues	Comment
Row 1	Yes	The compensation committee has decided to include climate change criterium as one of the objectives of the variable part of the CEO for the current year. Key stakeholders of the company are also incentivised with a climate change objective in their bonus scheme.

C1.3a

(C1.3a) Provide further details on the incentives provided for the management of climate-related issues (do not include the names of individuals).

Entitled to incentive	Type of incentive	Activity incentivized	Comment
Chief Executive Officer (CEO)	Monetary reward	Emissions reduction target	The scope of the objective is the ISO50001 energy management system for the Bernin and Singapore industrial sites. Energy consumptions are converted into GHG emissions intensity.
Other, please specify (Executive VP People & Sustainability)	Monetary reward	Emissions reduction target	The scope of the objective is the ISO50001 energy management system for the Bernin and Singapore industrial sites. Energy consumptions are converted into GHG emissions intensity.

C2. Risks and opportunities

C2.1

(C2.1) Does your organization have a process for identifying, assessing, and responding to climate-related risks and opportunities?

Yes

C2.1a

(C2.1a) How does your organization define short-, medium- and long-term time horizons?

	From (years)	To (years)	Comment
Short-term	0	2	Short term involves decisions that are based on operational procedures and practices.
Medium-term	3	5	Medium term involves strategic and investment decisions.
Long-term	6	10	Long term involves the long-term vision of the SOITEC Group business and activities. 6 years is already long term in a very fast moving sector.

C2.1b

(C2.1b) How does your organization define substantive financial or strategic impact on your business?

[Extract from Section '2.1.2.2 Risk assessment criteria' of Soitec's 2021 Universal Registration Document [URD] published on July, the 7th]

The level of criticality of a risk is assessed on the basis of two criteria:

- the calculation of the financial impact based on EBITDA or cash flow or market price on a scale from 1 (non-material) to 5 (critical);
- the estimate of risk probability or occurrence on a scale from 1 (unlikely) to 4 (certain).

By combining these two criteria, the risk can be categorized under one of the four aforementioned levels of criticality, as presented in the diagram below.

C2.2

(C2.2) Describe your process(es) for identifying, assessing and responding to climate-related risks and opportunities.

Value chain stage(s) covered

Direct operations
Upstream
Downstream

Risk management process

Integrated into multi-disciplinary company-wide risk management process

Frequency of assessment

Annually

Time horizon(s) covered

Short-term
Medium-term
Long-term

Description of process

[Extract from Section '2.1. Risk factors' of Soitec's 2021 Universal Registration Document [URD] published on July, the 7th] Our Group, due to its organization and activities, operates in an environment that is constantly changing. It is thus exposed to numerous risks which could have a seriously negative impact if they were to materialize. A procedure has been in place for several years to enable our Group to recognize, assess and rank the risks faced, and to take the necessary action to secure our activities to the extent possible and to achieve our objectives. In line with the recommendations of the European Securities and Markets Authority (ESMA) and pursuant to the "Prospectus" Regulation of October 1, 2019, this chapter presents the specific and serious risks that could, on the basis of our assessment method (see section 2.2.4 Our management of risks), affect our Group's business and financial position at the date of this Universal Registration Document. Despite our annual review based on a comprehensive risk management mechanism (see section 2.2 Internal control and risk management), other risk factors not known or not considered material at the date hereof, and therefore not discussed in this chapter, could also impact our Group. [Extract from Section '2.2. Internal control and risk management' of Soitec's 2021 Universal Registration Document [URD] published on July, the 7th] To meet the need to monitor and manage risks inherent to our organization and business, our Group has set up an internal control and risk management mechanism. Its aim is to provide reasonable assurance that these risks are under control and that objectives will be met. In this way, in accordance with the applicable standards and regulations, the mechanism contributes to the management of our activities, the effectiveness of our operations and the efficient use of our resources. 2.2.1 Our control environment 2.2.1.1 Purpose and definition Our Group's internal control environment comprises an internal control and risk management mechanism developed on the basis of the Reference Framework of the French financial markets authority (Autorité des marchés financiers – AMF). This mechanism is defined and implemented under the direction of our Group, and aims to ensure that the following objectives are met: • the reliability and integrity of published accounting and financial information; • compliance with the laws and regulations to which our Company and its subsidiaries are subject; • the implementation of instructions and guidelines set by our Group's governing bodies; and • the proper functioning and efficiency of its internal processes, especially those intended to safeguard its assets and holdings. To the extent possible, our Group's goal is to ensure that the entire internal control and risk management system helps to prevent any risks facing our Group, be they operational, financial, or compliance-related in nature. However, our Group cannot provide absolute assurance that all our objectives will be achieved, or that the risks of error or fraud have been completely controlled or eliminated. The internal control and risk management mechanism has three components: • an organizational structure that contributes to the implementation and continuous improvement of the mechanism; • tools to help monitor and ensure that risks are controlled; and • key players who help coordinate and curb identified risks. 2.2.1.2 Internal control and risk management mechanism The internal control and risk management mechanism comprises various types of control, which can be broken down into three levels: • level 1: permanent controls, which are performed by our departments and operating teams; • level 2: continuous controls, which assess the effectiveness of the mechanism through our internal control and risk management department; and • level 3: third-level controls, which are carried out by our Executive Committee, involving all of our Group's departments, including the Finance Department. [...] 2.2.2 Internal control and risk management bodies The proper functioning of the internal control and risk management mechanism (whether operational, financial or compliance-related) is central to our Group's organization and its management and control activities. Controls are carried out, for each identified process, by all of our departments and employees. Overall management of the mechanism falls within the remit of our Executive Committee. The Finance Department reports to our Audit and Risks Committee and to our Board of Directors on the effectiveness of the mechanism in place. 2.2.2.1 Our Audit and Risks Committee and our Board of Directors In accordance with the AFEP-MEDEF Corporate Governance Code for Listed Companies (the "AFEP-MEDEF Code"), our Audit and Risks Committee is involved in a number of internal control and risk management initiatives, such as: • assessing our Group's internal control systems; • reviewing risk mapping; • assessing internal control and risk management action plans; and • monitoring recommendations and related follow-up actions. As part of its duties, our Audit and Risks Committee issues an opinion on the internal control organization, following a review of its work schedule. [...] 2.2.2.2 Our Executive Committee Our Executive Committee is our Group's management and steering body. It ensures that major issues are identified and addressed, and approves our Group's operational and strategic objectives. It is responsible for overseeing our Group's internal control and risk management mechanism. To this end, it relies on the work and periodic reviews of the Finance Department, which sits on this Committee. Our Executive Committee monitors the progress of the action plan approved by our Audit and Risks Committee, and ensures the effectiveness of the internal control and risk management mechanism. Lastly, it monitors implementation of the strategy and assesses the available options to ensure its effective rollout, in compliance with the guidance given by our Audit and Risks Committee and our Board of Directors. [...] 2.2.2.6 Our operating departments and our employees Our operating departments are at the heart of the internal control and risk management mechanism. They are responsible for applying the policies and procedures established by our Group, in order to achieve the objectives set and ensure the effectiveness of their work. All Group employees are first-level players in the implementation of internal control measures. Their involvement in internal control is an essential part of their work and contributes to a satisfactory level of control over our Group's activities. Written procedures set out the controls to be carried out at critical steps in each identified process. Our employees also contribute to the continuous improvement of the internal control mechanism by sharing anomalies or errors detected with their department or the relevant unit.

(C2.2a) Which risk types are considered in your organization's climate-related risk assessments?

	Relevance & inclusion	Please explain
Current regulation	Relevant, always included	Regulation is taken into account through the PESTLE analysis (P for political, L for legal) of the global risk assessment review process.
Emerging regulation	Relevant, always included	Emerging regulation is taken into account through the PESTLE analysis (P for political, L for legal) of the global risk assessment review process.
Technology	Relevant, always included	Technology is taken into account through the PESTLE analysis (T for technology) of the global risk assessment review process.
Legal	Relevant, always included	Legal is taken into account, especially through the PESTLE analysis (L for legal) of the global risk assessment review process.
Market	Not relevant, explanation provided	Markets are considered in the global risk assessment review process, but no short-term or mid-term climate-related risk is identified due to Soitec's markets.
Reputation	Relevant, always included	Reputation is considered in the global risk assessment review process, and it is one of the non-financial risks identified in relation with climate reporting.
Acute physical	Not relevant, explanation provided	Climate-related acute physical risk is considered in the global risk assessment review process, but no inherent physical risk is identified.
Chronic physical	Not relevant, explanation provided	Chronic physical risk is considered in the global risk assessment review process, but no inherent chronic physical risk is identified.

C2.3

(C2.3) Have you identified any inherent climate-related risks with the potential to have a substantive financial or strategic impact on your business?

Yes

C2.3a

(C2.3a) Provide details of risks identified with the potential to have a substantive financial or strategic impact on your business.

Identifier

Risk 2

Where in the value chain does the risk driver occur?

Downstream

Risk type & Primary climate-related risk driver

Reputation	Shifts in consumer preferences
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Primary potential financial impact

Decreased revenues due to reduced demand for products and services

Climate risk type mapped to traditional financial services industry risk classification

<Not Applicable>

Company-specific description

Deterioration of the image with respect to all stakeholders

Time horizon

Long-term

Likelihood

More likely than not

Magnitude of impact

High

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

<Not Applicable>

Potential financial impact figure – minimum (currency)

<Not Applicable>

Potential financial impact figure – maximum (currency)

<Not Applicable>

Explanation of financial impact figure

Cost of response to risk

Description of response and explanation of cost calculation

Soitec has been reporting on climate via the CDP Climate questionnaire in 2020 and 2021. 1.5°-aligned carbon performance targets will be validated and communicated by the SBTi in late 2021 / early 2022. A transition plan is being defined and will be implemented accordingly

Comment

See Section '3.2.3 Materiality and risk analysis' of Soitec's 2021 Universal Registration Document [URD] published on July, the 7th]

Identifier

Risk 1

Where in the value chain does the risk driver occur?

Upstream

Risk type & Primary climate-related risk driver

Reputation	Increased stakeholder concern or negative stakeholder feedback
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Primary potential financial impact

Decreased access to capital

Climate risk type mapped to traditional financial services industry risk classification

<Not Applicable>

Company-specific description

Deterioration of the image with respect to all stakeholders

Time horizon

Medium-term

Likelihood

More likely than not

Magnitude of impact

High

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

<Not Applicable>

Potential financial impact figure – minimum (currency)

<Not Applicable>

Potential financial impact figure – maximum (currency)

<Not Applicable>

Explanation of financial impact figure

Cost of response to risk

Description of response and explanation of cost calculation

Soitec has been reporting on climate via the CDP Climate questionnaire in 2020 and 2021. 1.5°-aligned carbon performance targets will be validated and communicated by the SBTi in late 2021 / early 2022. A transition plan is being defined and will be implemented accordingly

Comment

See Section '3.2.3 Materiality and risk analysis' of Soitec's 2021 Universal Registration Document [URD] published on July, the 7th]

C2.4

(C2.4) Have you identified any climate-related opportunities with the potential to have a substantive financial or strategic impact on your business?

Yes

C2.4a

(C2.4a) Provide details of opportunities identified with the potential to have a substantive financial or strategic impact on your business.

Identifier

Opp1

Where in the value chain does the opportunity occur?

Downstream

Opportunity type

Products and services

Primary climate-related opportunity driver

Development and/or expansion of low emission goods and services

Primary potential financial impact

Increased revenues resulting from increased demand for products and services

Company-specific description

Soitec is at the bottom of the value chain being a material supplier for semiconductors. Fundamentally, since more than 25 years, our thin film technology portfolio (Smart Cut, Smart Stacking, engineered material expertise) enables state-of-the-art energy efficient circuit and system for high volume consumer electronics applications. There is not a single Soitec product not featuring power consumption saving as a key feature. Energy-efficient circuits is the principle reason why the Soitec technology and products have imposed on the market.

Time horizon

Short-term

Likelihood

Virtually certain

Magnitude of impact

High

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

<Not Applicable>

Potential financial impact figure – minimum (currency)

<Not Applicable>

Potential financial impact figure – maximum (currency)

<Not Applicable>

Explanation of financial impact figure**Cost to realize opportunity****Strategy to realize opportunity and explanation of cost calculation**

In June 2021, Soitec capital market day present our strategy for growth for next five years under the title 'Gearing up for extended ambitions'. Slide 11: "More energy efficient" is presented in our top 3 strategic key success factors (detail provided in slide 13). The two others are "more connected" (inc. 5G) and "more intelligent" (inc. AI). On slide 15, the Soitec's strategic end markets are presented : mobile communication, Automotive & industrial, smart devices. These 3 market segments are big energy-consumers and the Soitec products contribute to reduce their carbon footprints. Soitec reports the calculated energy savings and avoided GHG emissions achieved in systems equipped with 3 key Soitec products in slide 37 (FD-SOI for smart devices in automotive systems, RF-SOI for front-end modules in smartphones and Photonics-SOI in optical transceivers for datacenters) : based on CY2020 data, they add up to +1700 GWh and +1 MtCO₂e. In capital market day June 2019, slide 14 beside our historical 'SOI product portfolio' are presented our new products we are investing in now and for the next five years : GaN (state of the art material for power electronics), POI (state of the art material for RF filters), SiC (state of the art material for electrical vehicle motor), InGaNOS (promising material to be state of the art for micro LED).

Comment

After more than 25 years, our investments continue to be driven by energy efficient technology.

Identifier

Opp2

Where in the value chain does the opportunity occur?

Downstream

Opportunity type

Markets

Primary climate-related opportunity driver

Access to new markets

Primary potential financial impact

Increased revenues through access to new and emerging markets

Company-specific description

Beside our direct and indirect customers, governmental and international institutions and regulations are motivating us to further push this 'Energy efficiency' strategy axis. They are supporting our R&D and industrial investments by recognising the impact of our investments on energy saving. Climate change is giving birth to new markets, most of them using digital technologies and thus potential markets for Soitec. Our current investments therefore combine (a) the continuous improvement on energy efficiency and (b) the development of products dedicated to these new/future markets. For example, the EU CO₂ emission regulation roadmap, which drives the market for electric vehicle replacing conventional engine, is reported in Slide 34 of our capital market day presentation 'Gearing up for extended ambitions' June 2021. Such regulations and scenarios clearly help us explain our investment strategy to investors.

Time horizon

Medium-term

Likelihood

Virtually certain

Magnitude of impact

High

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

<Not Applicable>

Potential financial impact figure – minimum (currency)

<Not Applicable>

Potential financial impact figure – maximum (currency)

<Not Applicable>

Explanation of financial impact figure**Cost to realize opportunity****Strategy to realize opportunity and explanation of cost calculation**

These general orientations are implemented through concrete R&D research projects. Here is a description of the principle ones : BEYOND5 is a European ECSEL project lead by Soitec and gathering 37 partners to promote the use of RFSOI and FDSOI for low power connectivity between objects, 5G infrastructure and smart sensors applications. Billions of internet-connected devices could produce 3.5% of global emissions within 10 years and 14% by 2040, according to report of Climate Home News. With upcoming 5G and Data Volume fast ramp, the communications industry could use 20% of all the world's electricity by 2025, hampering global attempts to meet climate change targets. This highlights the importance to improve the energy efficiency in any microelectronic device. OCEAN12 is an European ECSEL project lead by Soitec and gathering 30 partners to promote the use of FDSOI lower nodes to improve computing performance for embedded applications and particularly a Greener Smart Mobility

(with focus on Automotive). Digitalization and automation of mobility requires a huge step in electronics hardware and software and OCEAN12 aims to address ultra-low power consumption systems for: (i) Always-on applications inside and outside the vehicle enabling 24/7 operation (ii) Embedded AI for Edge Computing providing the ability to perform real-time fusion of the data collected from diverse sensors (multi task processing), and based on centralised data processing with much higher energy efficiency performance than current ECUs (iii) Ultra low power sensors exploiting MPPA (Multi-Purpose Processor Array) as a data fusion processor to meet Autonomous Driving Level 2/3 TRANSFORM is an European ECSEL proposal lead by Bosch and gathering 36 partners to support the qualification of a disruptive Smart SiC substrate developed by Soitec for Electrical Vehicle - along a full power electronics value chain (ST, Bosch, Semikron, Valeo, Audi ...). SiC materials added value for electrical vehicles, at a nominal installed power, are: (i) Extended range or smaller battery size (5 to 10% range), leading to significant system level savings (-400\$ to -800\$) (ii) Less cooling needs: -60% size of cooling system (iii) Higher power density: Size reduction by 50% at same power output (iv) Increased charging speed at 800V battery voltage: down to 15 min (v) Extended lifetime: 200°C (vs 175°C for silicon) A trusted European value chain on SiC aims to support a greener European economy.

Comment

C3. Business Strategy

C3.1

(C3.1) Have climate-related risks and opportunities influenced your organization's strategy and/or financial planning?

Yes

C3.1b

(C3.1b) Does your organization intend to publish a low-carbon transition plan in the next two years?

	Intention to publish a low-carbon transition plan	Intention to include the transition plan as a scheduled resolution item at Annual General Meetings (AGMs)	Comment
Row 1	Yes, in the next two years	No, we do not intend to include it as a scheduled AGM resolution item	The publication of the low-carbon transition plan is programmed in 2022. Including the publication of the transition plan in AGM's is currently under investigation.

C3.2

(C3.2) Does your organization use climate-related scenario analysis to inform its strategy?

Yes, qualitative

C3.2a

(C3.2a) Provide details of your organization's use of climate-related scenario analysis.

Climate-related scenarios and models applied	Details
Other, please specify (National and International regulations and associated economic scenarios on new technologies (e.g. electric vehicles))	In capital market day June 2019, slide 14 beside our historical 'SOI product portfolio' are presented our new products we are investing in now and for the next five years : GaN (state of the art material for power electronics), POI (state of the art material for RF filters), SiC (state of the art material for electrical vehicle motor), InGaNoS (promising material to be state of the art for micro LED). After more than 25 years, all our investments continue to be driven by energy efficient technology. For example, the EU CO2 emission regulation roadmap, which drives the market for electric vehicle replacing conventional engine, is reported in Slide 34 of our capital market day presentation 'Gearing up for extended ambitions' June 2021. Such regulations and the associated scenarios clearly help us explain our investment strategy to investors.

C3.3

(C3.3) Describe where and how climate-related risks and opportunities have influenced your strategy.

	Have climate-related risks and opportunities influenced your strategy in this area?	Description of influence
Products and services	Yes	Soitec is at the bottom of the value chain being a material supplier for semiconductors. Fundamentally, since more than 25 years, our thin film technology portfolio (Smart Cut, Smart Stacking, engineered material expertise) enables state-of-the-art energy efficient circuit and system for high volume consumer electronics applications. There is not a single Soitec product not featuring power consumption saving as a key feature. Energy-efficient circuits is the principle reason why the Soitec technology and products have imposed on the market. In June 2021, Soitec capital market day present our strategy for growth for next five years under the title 'Gearing up for extended ambitions'. Slide 11: "More energy efficient" is presented in our top 3 strategic key success factors (detail provided in slide 13). The two others are "more connected" (inc. 5G) and "more intelligent" (inc. AI). On slide 15, the Soitec's strategic end markets are presented : mobile communication, Automotive & industrial, smart devices. These 3 market segments are big energy-consumers and the Soitec products contribute to reduce their carbon footprints. Soitec reports the calculated energy savings and avoided GHG emissions achieved in systems equipped with 3 key Soitec products in slide 37 (FD-SOI for smart devices in automotive systems, RF-SOI for front-end modules in smartphones and Photonics-SOI in optical transceivers for datacenters) : based on CY2020 data, they add up to +1700 GWh and +1 MtCO2e. In capital market day June 2019, slide 14 beside our historical 'SOI product portfolio' are presented the new products we are investing in now and for the next five years : GaN (state-of-the-art material for power electronics), POI (state-of-the-art material for RF filters), SiC (state-of-the-art material for electrical vehicle motor), InGaNoS (promising material to be state-of-the-art for micro LED). After more than 25 years, our investments continue to be driven by energy efficient technology.
Supply chain and/or value chain	No	
Investment in R&D	Yes	Beside our direct and indirect customers, governmental and international institutions and regulations are motivating us to further push this 'Energy efficiency' strategy axis. They are supporting our R&D and industrial investments by recognising the impact of our investments on energy saving. Climate change is giving birth to new markets, most of them using digital technologies and thus potential markets for Soitec. Our current investments therefore combine (a) the continuous improvement on energy efficiency and (b) the development of products dedicated to these new/future markets. For example, the EU CO2 emission regulation roadmap, which drives the market for electric vehicle replacing conventional engine, is reported in Slide 34 of our capital market day presentation 'Gearing up for extended ambitions' June 2021. Such regulations and scenarios clearly help us explain our investment strategy to investors. These general orientations are implemented through concrete R&D research projects. Here is a description of the principle ones : BEYOND5 is a European ECSEL project lead by Soitec and gathering 37 partners to promote the use of RFSOI and FDSOI for low power connectivity between objects, 5G infrastructure and smart sensors applications. OCEAN12 is an European ECSEL project lead by Soitec and gathering 30 partners to promote the use of FDSOI lower nodes to improve computing performance for embedded applications and particularly a Greener Smart Mobility (with focus on Automotive). TRANSFORM is an European ECSEL proposal lead by Bosch and gathering 36 partners to support the qualification of a disruptive Smart SiC substrate developed by Soitec for Electrical Vehicle - along a full power electronics value chain (ST, Bosch, Semikron, Valeo, Audi ...). A trusted European value chain on SiC aims to support a greener European economy.
Operations	No	

C3.4

(C3.4) Describe where and how climate-related risks and opportunities have influenced your financial planning.

	Financial planning elements that have been influenced	Description of influence
Row 1	Acquisitions and divestments	Financial investment to meet time-to-market is a key parameter of success. Typical material innovation time cycle is five years and more. To meet market opportunities windows, Soitec has decided to invest differently and faster by moving to acquisition instead of internal development. Soitec has acquired Dolphin in 2018 to support system on chip design house to integrate specific low power design techniques (active body bias), acquire EpiGaN in 2019 to have GaN technology in its portfolio for present GaN adoption in 5G infrastructure and power devices.

C3.4a

(C3.4a) Provide any additional information on how climate-related risks and opportunities have influenced your strategy and financial planning (optional).

Another decision to boost investment is by doing partnership. On its SiC program for electrical vehicle engine, Soitec has partnered with R&D institute CEA-LETI to open a dedicated clean room for R&D and sign a joint development agreement with leading US equipment player Applied Materials. We can say that our financial investment plan is three times faster than on traditional investment when developing a new technology internally with target to meet market window.

C4. Targets and performance

C4.1

(C4.1) Did you have an emissions target that was active in the reporting year?

Both absolute and intensity targets

C4.1a

(C4.1a) Provide details of your absolute emissions target(s) and progress made against those targets.

Target reference number

Abs 1

Year target was set

2014

Target coverage

Site/facility

Scope(s) (or Scope 3 category)

Scope 1

Base year

2020

Covered emissions in base year (metric tons CO2e)

2877

Covered emissions in base year as % of total base year emissions in selected Scope(s) (or Scope 3 category)

50

Target year

2021

Targeted reduction from base year (%)

1

Covered emissions in target year (metric tons CO2e) [auto-calculated]

2848.23

Covered emissions in reporting year (metric tons CO2e)

2877

% of target achieved [auto-calculated]

0

Target status in reporting year

Underway

Is this a science-based target?

No, but we anticipate setting one in the next 2 years

Target ambition

<Not Applicable>

Please explain (including target coverage)

The % coverage is the share of the GHG emissions due to Natural Gas on the Bernin site compared to the total Soitec Scope 1 emissions. A 1%-reduction of the NG consumption is the yearly objective set by Soitec year after year since 2014 for the reduction of NG consumption at the Bernin site level in the context of the Bernin ISO50001 energy management strategy. In 2020, SOITEC Group has publicly committed to setting science-based targets through the Science-Based Targets Initiative. Soitec's climate targets that comply with the 1.5° SBT criteria have been validated by Soitec's Board early in 2021 and are currently (summer 2021) being communicated and validated by the SBTi. In parallel, our company is monitoring the progress of SBTi's Net-Zero Standard, and waiting for publication, before it considers potentially raising the ambition of the targets to Net-Zero.

Target reference number

Abs 2

Year target was set

2014

Target coverage

Site/facility

Scope(s) (or Scope 3 category)

Scope 2 (market-based)

Base year

2020

Covered emissions in base year (metric tons CO2e)

2670

Covered emissions in base year as % of total base year emissions in selected Scope(s) (or Scope 3 category)

14

Target year

2021

Targeted reduction from base year (%)

1

Covered emissions in target year (metric tons CO2e) [auto-calculated]

2643.3

Covered emissions in reporting year (metric tons CO2e)

2670

% of target achieved [auto-calculated]

0

Target status in reporting year

Underway

Is this a science-based target?

No, but we anticipate setting one in the next 2 years

Target ambition

<Not Applicable>

Please explain (including target coverage)

The % coverage is the share of the GHG emissions due to electricity on the Bernin site compared to the total Soitec Scope 1 emissions. The low coverage share is partially due to the very high electricity mix EF in Singapore compared to what it is in France. A 1%-reduction of the electricity consumption is the yearly objective set by Soitec year after year since 2014 for the reduction of electricity consumption at the Bernin site level in the context of the Bernin ISO50001 energy management strategy. In 2020, SOITEC Group has publicly committed to setting science-based targets through the Science-Based Targets Initiative. Soitec's climate targets that comply with the 1.5° SBT criteria have been validated by Soitec's Board early in 2021 and are currently (summer 2021) being communicated and validated by the SBTi. In parallel, our company is monitoring the progress of SBTi's Net-Zero Standard, and waiting for publication, before it considers potentially raising the ambition of the targets to Net-Zero.

C4.1b**(C4.1b) Provide details of your emissions intensity target(s) and progress made against those target(s).****Target reference number**

Int 1

Year target was set

2014

Target coverage

Site/facility

Scope(s) (or Scope 3 category)

Scope 1+2 (market-based)

Intensity metric

Other, please specify (kWh primary energy / wafer produced)

Base year

2020

Intensity figure in base year (metric tons CO2e per unit of activity)

49.5

% of total base year emissions in selected Scope(s) (or Scope 3 category) covered by this intensity figure

32

Target year

2021

Targeted reduction from base year (%)

0

Intensity figure in target year (metric tons CO2e per unit of activity) [auto-calculated]

49.5

% change anticipated in absolute Scope 1+2 emissions**% change anticipated in absolute Scope 3 emissions****Intensity figure in reporting year (metric tons CO2e per unit of activity)**

49.5

% of target achieved [auto-calculated]

<Not Applicable>

Target status in reporting year

Underway

Is this a science-based target?

No, but we anticipate setting one in the next 2 years

Target ambition

<Not Applicable>

Please explain (including target coverage)

The % coverage is the share of the GHG emissions due to energy consumption (natural gas + electricity) on the Bernin site compared to the total Soitec Scope 1+2 emissions. The low coverage share is partially due to the very high electricity mix EF in Singapore compared to what it is in France. A "negative slope" (Objective = % variation is 0 or negative) for the consumption of primary energy per wafer is the yearly objective set by Soitec year after year since 2014 for the primary energy consumption at the Bernin site level in the context of the Bernin ISO50001 energy management strategy. In 2020, SOITEC Group has publicly committed to setting science-based targets through the Science-Based Targets Initiative. Soitec's climate targets that comply with the 1.5° SBT criteria have been validated by Soitec's Board early in 2021 and are currently (summer 2021) being communicated and validated by the SBTi. In parallel, our company is monitoring the progress of SBTi's Net-Zero Standard, and waiting for publication, before it considers potentially raising the ambition of the targets to Net-Zero.

C4.2**(C4.2) Did you have any other climate-related targets that were active in the reporting year?**

No other climate-related targets

C4.3

(C4.3) Did you have emissions reduction initiatives that were active within the reporting year? Note that this can include those in the planning and/or implementation phases.

Yes

C4.3a

(C4.3a) Identify the total number of initiatives at each stage of development, and for those in the implementation stages, the estimated CO2e savings.

	Number of initiatives	Total estimated annual CO2e savings in metric tonnes CO2e (only for rows marked *)
Under investigation	15	
To be implemented*	10	
Implementation commenced*	3	
Implemented*	3	
Not to be implemented		

C4.3b

(C4.3b) Provide details on the initiatives implemented in the reporting year in the table below.

Initiative category & Initiative type

Energy efficiency in production processes	Process optimization
---	----------------------

Estimated annual CO2e savings (metric tonnes CO2e)

138

Scope(s)

- Scope 1
- Scope 2 (location-based)
- Scope 2 (market-based)
- Scope 3

Voluntary/Mandatory

Voluntary

Annual monetary savings (unit currency – as specified in C0.4)

20000

Investment required (unit currency – as specified in C0.4)

260000

Payback period

11-15 years

Estimated lifetime of the initiative

16-20 years

Comment

Recycling exhaust air - which already is at controlled temperature - from some production equipments instead of export it outside to the environment. The payback period approximately corresponds to the "savings / investment" ratio (13 years) because the action applies to equipment that is currently already running at full capacity.

Initiative category & Initiative type

Energy efficiency in production processes	Machine/equipment replacement
---	-------------------------------

Estimated annual CO2e savings (metric tonnes CO2e)

11.3

Scope(s)

- Scope 1
- Scope 2 (location-based)
- Scope 2 (market-based)

Voluntary/Mandatory

Voluntary

Annual monetary savings (unit currency – as specified in C0.4)

9000

Investment required (unit currency – as specified in C0.4)

400000

Payback period

16-20 years

Estimated lifetime of the initiative

16-20 years

Comment

Replacement of a cold production equipment with a more efficient one, which also uses a refrigerant gas with reduced impact. The payback period is reduced due to the progressive increase in the use of this equipment with time.

Initiative category & Initiative type

Energy efficiency in production processes	Machine/equipment replacement
---	-------------------------------

Estimated annual CO2e savings (metric tonnes CO2e)

9

Scope(s)

Scope 2 (location-based)

Scope 2 (market-based)

Voluntary/Mandatory

Please select

Annual monetary savings (unit currency – as specified in C0.4)

6000

Investment required (unit currency – as specified in C0.4)

70000

Payback period

4-10 years

Estimated lifetime of the initiative

16-20 years

Comment

Replacement of an ultra-pure water production equipment with a more efficient one. The payback period is reduced due to the progressive increase in the use of this equipment with time.

C4.3c**(C4.3c) What methods do you use to drive investment in emissions reduction activities?**

Method	Comment
Dedicated budget for other emissions reduction activities	In 2020, Soitec has initiated the design of a full action plan on GHG mitigation over the full value chain. 5 thematic workgroups were defined, with from 5 to 15 employees participating in each; for each workgroup, 3 workshops have been organised from November 2020 to March 2021. This participative work allowed identifying variety of action levers for short- mid- and long-term GHG mitigation along the value chain (E.g. reduce GHG impact of raw materials, shift from air to sea for freight transportation, rationalise business trips, etc.). Quantitative objectives have been set for performance indicators that are relevant and specific to the listed levers (E.g. carbon intensity of purchased silicon, share of air transportation for the distribution of products, average km per employee for business trips, etc.). The respective ambitions of these objectives were set inline with the upcoming Soitec's SBT commitments to 1.5° performance targets. This preparatory work is currently being converted into thematic concrete action plans at the level of the respective business departments internally. Dedicated budgets will be allocated to the respective actions plans accordingly.
Dedicated budget for energy efficiency	Our emissions reduction initiatives were historically focused on the main industrial site of Bernin, where the ISO50001 energy management system action plan is annually implemented and updated. In the context of the energy management system, the investment decisions based on the potential actions are driven by ROI, obsolescence and specifications of the equipments. With the intention to generalise the energy management approach within Soitec, we are currently extending the energy management system to the industrial site of Singapore, with the objective of the ISO50001 certification in the next 2 years.
Dedicated budget for low-carbon product R&D	As exposed in Chapters 'C2. Risks & opportunities' and 'C3. Business strategy', one of the key success factors for Soitec's products is their ability to improve the energy performance of the end-user products they will equip. Low-carbon products are therefore at the heart of Soitec's R&D.

C4.5**(C4.5) Do you classify any of your existing goods and/or services as low-carbon products or do they enable a third party to avoid GHG emissions?**

Yes

C4.5a**(C4.5a) Provide details of your products and/or services that you classify as low-carbon products or that enable a third party to avoid GHG emissions.****Level of aggregation**

Product

Description of product/Group of products

[Adapted from 'Soitec's contributions to avoiding GHG emissions - Calculation method and implementation - Version 1.1', available upon request to Soitec] Product: The considered products are the SOITEC RF-SOI substrates. Respectively developed in 2012, 2015 and 2018, these products consist of several layers of materials (silicon, buried oxide, and trap rich layer) produced from 200mm- or 300mm-diameter wafers depending on the version of the product. Product's considered application: The product's considered application is radio-frequency transmission for smartphones. SOITEC's RF-SOI substrates are the main technology on the market for this purpose,

enabling the development of front-end modules in smartphones. The considered end-user system is the front-end module of the smartphones. Considered situation for the product in the reporting year: Based on SOITEC's sales data, the global RF-SOI market share on smartphones is deemed to be 78%. This ratio is then applied on the 2020 worldwide sales and distributed to the different regional markets. Reference situation and differences with the considered situation: Soitec is the inventor of the technology and has been the main developer of the resulting generations of products. Together they stand as the market reference for the considered application and cover most of the market needs: according to current market conditions and SOITEC's expertise, very few competitive options exist for these applications (3G,4G,5G) and they have not been adopted on the market. Case 2 described in the method is applicable for the selection of the reference product: the reference product of every RF-SOI is the former generation product. HR-SOI is the reference product for RFeSi80; RFeSi80 is the reference product for RFeSi90. Difference in the GHG emissions between the two situations: Based on technical data from SOITEC, the variations of GHG emissions along the RF-SOI substrate lifecycle related with the considered and reference RF-SOI products are marginal compared to the calculated avoided GHG emissions of the end-user system in the use phase. Result: The calculated avoided GHG emissions associated with Soitec's RF-SOI exclusive innovation on the smartphones market are approximately 350 ktCO₂e for 2020. [Value published slide 37 in Soitec capital market day presentation 'Gearing up for extended ambitions', June 2021].

Are these low-carbon product(s) or do they enable avoided emissions?

Avoided emissions

Taxonomy, project or methodology used to classify product(s) as low-carbon or to calculate avoided emissions

Other, please specify (With the support of the consulting ECO2 Initiative, the Group developed a methodology to quantify Soitec's contributions to avoiding GHGs in the use phase of the products sold, using the ISO 14064-1:2018 & ISO14067:2018 standards as references.)

% revenue from low carbon product(s) in the reporting year

70

% of total portfolio value

<Not Applicable>

Asset classes/ product types

<Not Applicable>

Comment

Soitec is at the bottom of the value chain being a material supplier for semiconductors. Fundamentally, since more than 25 years, our thin film technology portfolio (Smart Cut, Smart Stacking, engineered material expertise) enables state-of-the-art energy efficient circuit and system for high volume consumer electronics applications. There is not a single Soitec product not featuring power consumption saving as a key feature. Energy-efficient circuits is the principle reason why the Soitec technology and products have imposed on the market. As a methodology that is relevant for Soitec is now available, more products will be assessed for their contributions to avoided GHG emissions the coming period.

Level of aggregation

Product

Description of product/Group of products

[Adapted from 'Soitec's contributions to avoiding GHG emissions - Calculation method and implementation - Version 1.1', available upon request to Soitec] Product: The considered products are the SOITEC Photonics-SOI substrates. These products consist of several layers of materials (silicon, buried oxide, and mono-crystal top silicon layer) produced from 200mm- or 300mm-diameter wafers depending on the version of the product. Product's considered application: The product's considered application is optical connection (light emissions and reception) for data transmission in data centers. The considered end-user system is the optical connection itself. Considered situation for the product in the reporting year: The number of optical connections equipped with SOI-Photonics substrates in 2020 is deduced from SOITEC's 2020 sales data for each SOI-Photonics generation based on the specifications of the chips used in the optical connection manufacturers. Reference situation and differences with the considered situation: The silicon-photonics" technology is currently replacing the preexisting indium-phosphide chip-based technology providing higher data transmission rate and higher energy efficiency. The silicon photonics technology is enabled by SOI- photonics substrates. Case 2 described in the method is applicable for the selection of the reference product over the 2 considered generations: SOI-Photonics 100 Gbps are therefore the reference products for SOI-Photonics 400 Gbps; SOI-Photonics technology is not available for 40 Gbps optical connectors, and the reference products for SOI-Photonics 100 Gbps are the alternate indium-phosphide chip-based technology products for 40 Gbps optical connectors. Difference in the GHG emissions between the two situations: Based on technical data from SOITEC, it is established that the GHG emissions along the lifecycles of the wafers sold by Soitec in 2020 to produce the wafers are marginal compared to the calculated avoided GHG emissions of the corresponding end-user systems in the use phase. Result: The calculated avoided GHG emissions associated with Soitec's Photonics-SOI proactive innovation on the datacenters market are approximately 212 ktCO₂e for 2020. [Value published slide 37 in Soitec capital market day presentation 'Gearing up for extended ambitions', June 2021].

Are these low-carbon product(s) or do they enable avoided emissions?

Avoided emissions

Taxonomy, project or methodology used to classify product(s) as low-carbon or to calculate avoided emissions

Other, please specify (With the support of the consulting ECO2 Initiative, the Group developed a methodology to quantify Soitec's contributions to avoiding GHGs in the use phase of the products sold, using the ISO 14064-1:2018 & ISO14067:2018 standards as references.)

% revenue from low carbon product(s) in the reporting year

2.5

% of total portfolio value

<Not Applicable>

Asset classes/ product types

<Not Applicable>

Comment

Soitec is at the bottom of the value chain being a material supplier for semiconductors. Fundamentally, since more than 25 years, our thin film technology portfolio (Smart Cut, Smart Stacking, engineered material expertise) enables state-of-the-art energy efficient circuit and system for high volume consumer electronics applications. There is not a single Soitec product not featuring power consumption saving as a key feature. Energy-efficient circuits is the principle reason why the Soitec technology and products have imposed on the market. As a methodology that is relevant for Soitec is now available, more products will be assessed for their contributions to avoided GHG emissions the coming period.

Level of aggregation

Product

Description of product/Group of products

[Adapted from 'Soitec's contributions to avoiding GHG emissions - Calculation method and implementation - Version 1.1', available upon request to Soitec] Product: The considered products are the SOITEC FD-SOI substrates. These products consist of a silicon substrate where the top silicon and oxide layer is especially thin and uniform, which enables the transistors to run in a fully-depleted mode and has many advantages. This allow very low energy consumptions, optimised performance vs costs, high

reliability and improved integration of the analogical functions. Product's considered application: The FD-SOI substrates are adopted for electronic boards on the markets of internet of things (IoT), automotive and mobile communications. This covers a variety of end-user systems. Considered situation for the product in the reporting year: For each application, the volumes of the end-user systems equipped in 2020 are deduced from Soitec's sales data for the respective clients that address these markets. Reference situation and differences with the considered situation: There are technologies in competition with the FD-SOI on each of the 3 considered markets. All of them are based on bulk silicon substrates. Case 1 described in the method is applicable for the selection of the respective reference products: FD-SOI is the first generation of Soitec product based on fully depleted SOI, therefore the reference product in each case is the competition substrate based on bulk silicon with the lowest energy consumption for a given performance that is used for each market and each application considered. Difference in the GHG emissions between the two situations: Based on technical data from SOITEC, it is established that the GHG emissions along the lifecycles of the wafers sold by Soitec in 2020 to produce the wafers are marginal compared to the calculated avoided GHG emissions of the corresponding end-user systems in the use phase. Result: The calculated avoided GHG emissions associated with Soitec's FD-SOI proactive innovation on the internet of things, mobile and automotive markets are approximately 466 ktCO₂e for 2020 in total. [Value published slide 37 in Soitec capital market day presentation 'Gearing up for extended ambitions', June 2021].

Are these low-carbon product(s) or do they enable avoided emissions?

Avoided emissions

Taxonomy, project or methodology used to classify product(s) as low-carbon or to calculate avoided emissions

Other, please specify (With the support of the consulting ECO2 Initiative, the Group developed a methodology to quantify Soitec's contributions to avoiding GHGs in the use phase of the products sold, using the ISO 14064-1:2018 & ISO14067:2018 standards as references.)

% revenue from low carbon product(s) in the reporting year

3.2

% of total portfolio value

<Not Applicable>

Asset classes/ product types

<Not Applicable>

Comment

Soitec is at the bottom of the value chain being a material supplier for semiconductors. Fundamentally, since more than 25 years, our thin film technology portfolio (Smart Cut, Smart Stacking, engineered material expertise) enables state-of-the-art energy efficient circuit and system for high volume consumer electronics applications. There is not a single Soitec product not featuring power consumption saving as a key feature. Energy-efficient circuits is the principle reason why the Soitec technology and products have imposed on the market. As a methodology that is relevant for Soitec is now available, more products will be assessed for their contributions to avoided GHG emissions the coming period.

C5. Emissions methodology

C5.1

(C5.1) Provide your base year and base year emissions (Scopes 1 and 2).

Scope 1

Base year start
January 1 2019

Base year end
December 31 2019

Base year emissions (metric tons CO2e)
4888

Comment
The base year Scope 1 and Scope 2 emissions were (re-)calculated with the same methodology (in particular types and units of activity data and EF's) used to calculate the reporting year emissions.

Scope 2 (location-based)

Base year start
January 1 2019

Base year end
December 31 2019

Base year emissions (metric tons CO2e)
16548

Comment
The base year Scope 1 and Scope 2 emissions were (re-)calculated with the same methodology (in particular types and units of activity data and EF's) used to calculate the reporting year emissions.

Scope 2 (market-based)

Base year start
January 1 2019

Base year end
December 31 2019

Base year emissions (metric tons CO2e)
16548

Comment
The base year Scope 1 and Scope 2 emissions were (re-)calculated with the same methodology (in particular types and units of activity data and EF's) used to calculate the reporting year emissions. In the absence of a more specific emission factor for the GHGs due to electricity consumption in a market-based approach, the emission factor of the French national electricity mix is used, like in the location-based approach.

C5.2

(C5.2) Select the name of the standard, protocol, or methodology you have used to collect activity data and calculate emissions.

Bilan Carbone
French methodology for greenhouse gas emissions assessments by companies V4 (ADEME 2016)
The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)

C6. Emissions data

C6.1

(C6.1) What were your organization's gross global Scope 1 emissions in metric tons CO2e?

Reporting year

Gross global Scope 1 emissions (metric tons CO2e)

5787

Start date

January 1 2020

End date

December 31 2020

Comment

The reported emissions cover the main 2 facilities in France (Bernin) and Singapore (Pasir Ris).

Past year 1

Gross global Scope 1 emissions (metric tons CO2e)

4888

Start date

January 1 2019

End date

December 31 2019

Comment

The increase in the Scope 2 GHG emissions from the past year to the reporting year is mainly due to unusual fugitive emissions of refrigerant gases on both industrial sites.

C6.2

(C6.2) Describe your organization's approach to reporting Scope 2 emissions.

Row 1

Scope 2, location-based

We are reporting a Scope 2, location-based figure

Scope 2, market-based

We have operations where we are able to access electricity supplier emission factors or residual emissions factors, but are unable to report a Scope 2, market-based figure

Comment

In 2020, Soitec has decided to make electricity purchase choices based on carbon intensity criteria, but the first resulting contracts started in 2021.

C6.3

(C6.3) What were your organization's gross global Scope 2 emissions in metric tons CO2e?

Reporting year

Scope 2, location-based

18506

Scope 2, market-based (if applicable)

<Not Applicable>

Start date

January 1 2020

End date

December 31 2020

Comment

The reported emissions cover the main 2 facilities in France (Bernin) and Singapore (Pasir Ris).

Past year 1

Scope 2, location-based

16548

Scope 2, market-based (if applicable)

<Not Applicable>

Start date

January 1 2019

End date

December 31 2019

Comment

The increase in the Scope 2 GHG emissions from the past year to the reporting year is due to an increase in the electricity consumption in the Singapore plant, which is directly related to the activity increase over the period.

C6.4

(C6.4) Are there any sources (e.g. facilities, specific GHGs, activities, geographies, etc.) of Scope 1 and Scope 2 emissions that are within your selected reporting boundary which are not included in your disclosure?

Yes

C6.4a

(C6.4a) Provide details of the sources of Scope 1 and Scope 2 emissions that are within your selected reporting boundary which are not included in your disclosure.

Source

GHG emissions associated with the activities of the sales offices in China, Japan, South Korea and the USA (essentially tertiary building consumptions and passenger transport).

Relevance of Scope 1 emissions from this source

Emissions are not evaluated

Relevance of location-based Scope 2 emissions from this source

Emissions are not evaluated

Relevance of market-based Scope 2 emissions from this source (if applicable)

Emissions are not evaluated

Explain why this source is excluded

These GHG emissions have been calculated (and reported) in 2020 based on 2019 activity data. They proved to be negligible on each Scope while they generated a substantial data collection burden, therefore it was decided to exclude them for future disclosures.

Source

GHG emissions associated with the activities of the subsidiaries Dolphin, Epigan and Freqnsys.

Relevance of Scope 1 emissions from this source

Emissions are not evaluated

Relevance of location-based Scope 2 emissions from this source

Emissions are not evaluated

Relevance of market-based Scope 2 emissions from this source (if applicable)

Emissions are not evaluated

Explain why this source is excluded

Except for a very small production amount in the Epigan lab, the 3 subsidiaries (Dolphin, Epigan, Freqnsys) only carry out tertiary activities. Estimates done internally show that the total GHG emissions associated with these activities together account for less than 2.5% all Soitec's GHG emissions for each scope 1, 2 & 3 of the GHG inventory. At the same time, the data collection burden associated with the inclusion of these activities into Soitec's GHG inventory is high. Thus it was decided to exclude these 3 subsidiaries from Soitec's response to the CDP climate questionnaire at that stage.

C6.5

(C6.5) Account for your organization's gross global Scope 3 emissions, disclosing and explaining any exclusions.

Purchased goods and services

Evaluation status

Relevant, calculated

Metric tonnes CO₂e

69734

Emissions calculation methodology

Purchased goods and services include raw materials (silicium, chemicals, quartz & SiC) small equipments and other consumables, all types of intellectual services (banking, IT services, lawyers, patenting, etc), production subcontracting (essentially through partner Simgui) and a partnership with the French CEA (seen as a service). The emissions related with the purchase of Silicium and chemicals are based on metric tons (EF's in kgCO₂e/ton) and they are from the Ecoinvent database, while all other emissions estimates are based on costs (EF's in kgCO₂e/keuro) using the corresponding relevant EF's from the Base Carbone. The emissions from Simgui (subcontractor) are based on a correlation with past carbon intensity of the SOITEC products, which are the same. The underlying assumption is that the energy efficiency in Simgui is that of Soitec between 2010 and 2015 before much progress was made with the ISO50001 energy management.

Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

Please explain

All EF's used are from the Base Carbone or Ecoinvent database. All activity data are from the Soitec information systems.

Capital goods

Evaluation status

Relevant, calculated

Metric tonnes CO₂e

49292

Emissions calculation methodology

Capital goods include buildings, IT equipment, facilities and services. Monetary data and associated EF's from the Base Carbone were used, as the depreciation periods of the respective assets that are used for Soitec's financial accounting.

Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

Please explain

All EF's used are from the Base Carbone. All activity data are from the Soitec information systems.

Fuel-and-energy-related activities (not included in Scope 1 or 2)

Evaluation status

Relevant, calculated

Metric tonnes CO₂e

3336

Emissions calculation methodology

Fuel-and-energy-related activities (not included in Scope 1 or 2) include upstream emissions from the production of fuels. The activity data are the fuel consumptions from the respective fuels (primary data) and the EF's are from the Base Carbone.

Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

Please explain

All EF's used are from the Base Carbone. All activity data are from the Soitec information systems.

Upstream transportation and distribution

Evaluation status

Relevant, calculated

Metric tonnes CO₂e

13262

Emissions calculation methodology

Upstream transportation and distribution includes all freight transportation to and within Soitec. It includes freight to and from suppliers and subcontractors. The activity data are tonne.km (primary data) including a decomposition per mode and per type (incoming from suppliers, between Soitec's sites, to and from subcontractors). The EF's are from the Base Carbone.

Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

Please explain

All EF's used are from the Base Carbone. All activity data are from the Soitec information systems.

Waste generated in operations

Evaluation status

Relevant, calculated

Metric tonnes CO₂e

4441

Emissions calculation methodology

Waste generated in operations include the emissions associated with waste management (collection and treatment) from both the Bernin and Singapore sites. The activity data are tonnes of waste (primary data), including a decomposition by type of material and by type of waste treatment. The EF's are from the Base Carbone.

Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

Please explain

All EF's used are from the Base Carbone. All activity data are from the Soitec information systems.

Business travel

Evaluation status

Relevant, calculated

Metric tonnes CO₂e

441

Emissions calculation methodology

Business travel includes all passenger trips with non operated vehicles (air and rail). The activity data are passenger.km by travel mode (primary data) from Soitec's subcontracting travel agencies and employees' expense reports. The EF's are from the Base Carbone.

Percentage of emissions calculated using data obtained from suppliers or value chain partners

32

Please explain

The considered value chain partners are the subcontracting travel agencies, which provide information on the travel tickets they purchased for Soitec. The other source of the data is the employees' travel expenses and intern Soitec's information system (car rentals).

Employee commuting

Evaluation status

Relevant, calculated

Metric tonnes CO2e

1479

Emissions calculation methodology

Employee commuting involves Bernin, Singapore and commercial activity. The activity data are passenger.km for public transport and vehicle.km for personal transport (primary data) and liters of fuel for the Singapore shuttle bus. The EF's are from the Base Carbone.

Percentage of emissions calculated using data obtained from suppliers or value chain partners

2

Please explain

Fuel data for the shuttle bus was obtained from the subcontracting transport company (The shuttle bus was stopped for ca 9 months in 2020 due to the pandemic). All other information was obtained via a dedicated survey launched at the Soitec Group level.

Upstream leased assets

Evaluation status

Not relevant, explanation provided

Metric tonnes CO2e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

This subcategory is not applicable because Soitec uses operational control for the GHG accounting consolidation approach : the emissions from the upstream leased assets are direct emissions (Category 1).

Downstream transportation and distribution

Evaluation status

Relevant, calculated

Metric tonnes CO2e

4584

Emissions calculation methodology

Upstream transportation and distribution includes all freight transportation from Soitec to clients. It does not include any freight to and from suppliers and subcontractors. The activity data are tonne.km (primary data) including a decomposition per mode. The EF's are from the Base Carbone.

Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

Please explain

All EF's used are from the Base Carbone. All activity data are from the Soitec information systems.

Processing of sold products

Evaluation status

Relevant, not yet calculated

Metric tonnes CO2e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

The high complexity and the diversity of the downstream value chain makes it practically unfeasible to assess the GHG emissions associated with the processing of Soitec's sold products.

Use of sold products

Evaluation status

Not relevant, explanation provided

Metric tonnes CO2e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

Soitec's products (wafers) do not use energy or material even though the products in which they are integrated do (See Questions C4.5 & C4.5a).

End of life treatment of sold products

Evaluation status

Relevant, calculated

Metric tonnes CO2e

96

Emissions calculation methodology

End of life treatment of sold products includes emissions related to the end of life treatment of the wafers sold by Soitec during the reporting year. Activity data are tonnes of products sold by Soitec (primary data). The EF's are from the Base Carbone.

Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

Please explain

All EF's used are from the Base Carbone. All activity data are from the Soitec information systems.

Downstream leased assets

Evaluation status

Not relevant, explanation provided

Metric tonnes CO2e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

Soitec has no leasing activity.

Franchises

Evaluation status

Not relevant, explanation provided

Metric tonnes CO2e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

Soitec has no franchise.

Investments

Evaluation status

Relevant, not yet calculated

Metric tonnes CO2e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

Soitec's investments dedicated to the development of the activity are included in "Purchase of goods" and "Capital goods". The investments not related with Soitec's production activity have not been considered.

Other (upstream)

Evaluation status

Not relevant, explanation provided

Metric tonnes CO2e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

No other relevant upstream GHG emissions identified.

Other (downstream)

Evaluation status

Not relevant, explanation provided

Metric tonnes CO2e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

No other relevant downstream GHG emissions identified.

C6.7

(C6.7) Are carbon dioxide emissions from biogenic carbon relevant to your organization?

Yes

C6.7a

(C6.7a) Provide the emissions from biogenic carbon relevant to your organization in metric tons CO2.

	CO2 emissions from biogenic carbon (metric tons CO2)	Comment
Row 1	202	These GHG emissions are indirect emissions from the treatment of waste generated by the Soitec industrial sites.

C6.10

(C6.10) Describe your gross global combined Scope 1 and 2 emissions for the reporting year in metric tons CO2e per unit currency total revenue and provide any additional intensity metrics that are appropriate to your business operations.

Intensity figure

41.6

Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO2e)

24293

Metric denominator

unit total revenue

Metric denominator: Unit total

584

Scope 2 figure used

Location-based

% change from previous year

16

Direction of change

Increased

Reason for change

The pandemic crisis has generated many challenges and difficulties to any industrial activity this year, resulting in lower operational performance overall. Unfortunately, this is what the change in Soitec's GHG emissions intensity reflects. No driver external to the pandemic situation explains this change.

C7. Emissions breakdowns

C7.1

(C7.1) Does your organization break down its Scope 1 emissions by greenhouse gas type?

Yes

C7.1a

(C7.1a) Break down your total gross global Scope 1 emissions by greenhouse gas type and provide the source of each used greenhouse warming potential (GWP).

Greenhouse gas	Scope 1 emissions (metric tons of CO2e)	GWP Reference
CO2	3596	IPCC Fifth Assessment Report (AR5 – 100 year)
CH4	0	IPCC Fifth Assessment Report (AR5 – 100 year)
N2O	216	IPCC Fifth Assessment Report (AR5 – 100 year)
Other, please specify (HFCs+SF6)	2493	IPCC Fifth Assessment Report (AR5 – 100 year)
Other, please specify (PFCs+NF3)	0	IPCC Fifth Assessment Report (AR5 – 100 year)

C7.2

(C7.2) Break down your total gross global Scope 1 emissions by country/region.

Country/Region	Scope 1 emissions (metric tons CO2e)
France 1 facility in Bernin	5062
Singapore 1 facility in Singapore	725

C7.3

(C7.3) Indicate which gross global Scope 1 emissions breakdowns you are able to provide.
By facility

C7.3b

(C7.3b) Break down your total gross global Scope 1 emissions by business facility.

Facility	Scope 1 emissions (metric tons CO2e)	Latitude	Longitude
Bernin facility (France)	5062	45.2667	5.8667
Pasir Ris facility (Singapore)	725	1.28967	103.85007

C7.5

(C7.5) Break down your total gross global Scope 2 emissions by country/region.

Country/Region	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)	Purchased and consumed electricity, heat, steam or cooling (MWh)	Purchased and consumed low-carbon electricity, heat, steam or cooling accounted for in Scope 2 market-based approach (MWh)
France 1 facility in Bernin	2670	2670	65605	0
Singapore 1 facility in Singapore	15836	15836	31736	0

C7.6

(C7.6) Indicate which gross global Scope 2 emissions breakdowns you are able to provide.
By facility

C7.6b

(C7.6b) Break down your total gross global Scope 2 emissions by business facility.

Facility	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
Bernin facility (France)	2670	2670
Singapore facility (Singapore)	15836	15836

C7.9

(C7.9) How do your gross global emissions (Scope 1 and 2 combined) for the reporting year compare to those of the previous reporting year?
Increased

C7.9a

(C7.9a) Identify the reasons for any change in your gross global emissions (Scope 1 and 2 combined), and for each of them specify how your emissions compare to the previous year.

	Change in emissions (metric tons CO2e)	Direction of change	Emissions value (percentage)	Please explain calculation
Change in renewable energy consumption	0	No change		
Other emissions reduction activities	148	Decreased	0.7	GHG emissions reduction activities reported in C4.3b
Divestment	0	No change		
Acquisitions	0	No change		
Mergers	0	No change		
Change in output	2863	Increased	13	Scope 1+2 GHG emissions increase if the emissions intensity / wafer produced had stayed the same between base year and reporting year.
Change in methodology	0	No change		The Scope 1+2 GHG emissions for the base year (2019) reported are recalculated with the methodology used for the reporting year (2020). The change due to the recalculation of the base year was an increase of 110 tCO2e.
Change in boundary	0	No change		
Change in physical operating conditions	0	No change		
Unidentified	0	No change		
Other	142	Increased	0.7	The other drivers of the changes in GHG emissions are (a) unusual fugitive refrigerant emissions in 2020 (+421 tCO2e) and (b) modification of the activity spread between France and Singapore, which do not use the same energies/equipments and therefore do not have the same emissions intensities per wafer produced (-279 tCO2e). The resulting change in the Scope 1+2 GHG emissions from base year to reporting year is 2857 tCO2e.

C7.9b

(C7.9b) Are your emissions performance calculations in C7.9 and C7.9a based on a location-based Scope 2 emissions figure or a market-based Scope 2 emissions figure?
Location-based

C8. Energy

C8.1

(C8.1) What percentage of your total operational spend in the reporting year was on energy?
More than 0% but less than or equal to 5%

C8.2

(C8.2) Select which energy-related activities your organization has undertaken.

	Indicate whether your organization undertook this energy-related activity in the reporting year
Consumption of fuel (excluding feedstocks)	Yes
Consumption of purchased or acquired electricity	Yes
Consumption of purchased or acquired heat	No
Consumption of purchased or acquired steam	No
Consumption of purchased or acquired cooling	No
Generation of electricity, heat, steam, or cooling	Yes

C8.2a

(C8.2a) Report your organization's energy consumption totals (excluding feedstocks) in MWh.

	Heating value	MWh from renewable sources	MWh from non-renewable sources	Total (renewable and non-renewable) MWh
Consumption of fuel (excluding feedstock)	LHV (lower heating value)	0	15837	15837
Consumption of purchased or acquired electricity	<Not Applicable>			97341
Consumption of purchased or acquired heat	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Consumption of purchased or acquired steam	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Consumption of purchased or acquired cooling	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Consumption of self-generated non-fuel renewable energy	<Not Applicable>	0	<Not Applicable>	0
Total energy consumption	<Not Applicable>			113178

C8.2b

(C8.2b) Select the applications of your organization's consumption of fuel.

	Indicate whether your organization undertakes this fuel application
Consumption of fuel for the generation of electricity	No
Consumption of fuel for the generation of heat	Yes
Consumption of fuel for the generation of steam	Yes
Consumption of fuel for the generation of cooling	No
Consumption of fuel for co-generation or tri-generation	No

C8.2c

(C8.2c) State how much fuel in MWh your organization has consumed (excluding feedstocks) by fuel type.

Fuels (excluding feedstocks)

Fuel Oil Number 1

Heating value

LHV (lower heating value)

Total fuel MWh consumed by the organization

9853

MWh fuel consumed for self-generation of electricity

<Not Applicable>

MWh fuel consumed for self-generation of heat

0

MWh fuel consumed for self-generation of steam

0

MWh fuel consumed for self-generation of cooling

<Not Applicable>

MWh fuel consumed for self-cogeneration or self-trigeneration

<Not Applicable>

Emission factor

0.272

Unit

metric tons CO2e per MWh

Emissions factor source

Base Carbone The emission factor provided above only includes the combustion part (Scope 1). The emission factor for the upstream production of fuel oil (Scope 3) is 0.053.

Comment

Fuel oil is used for the sprinklers only.

Fuels (excluding feedstocks)

Natural Gas

Heating value

LHV (lower heating value)

Total fuel MWh consumed by the organization

15345

MWh fuel consumed for self-generation of electricity

<Not Applicable>

MWh fuel consumed for self-generation of heat

6.8

MWh fuel consumed for self-generation of steam
15222

MWh fuel consumed for self-generation of cooling
<Not Applicable>

MWh fuel consumed for self-cogeneration or self-trigeneration
<Not Applicable>

Emission factor
0.187

Unit
metric tons CO2e per MWh

Emissions factor source
Base Carbone The emission factor provided above only includes the combustion part (Scope 1). The emission factor for the upstream production of fuel oil (Scope 3) is 0.04.

Comment
Natural gas is used for self-generation of heat, for self-generation of steam and for scrubbers.

Fuels (excluding feedstocks)
Liquefied Petroleum Gas (LPG)

Heating value
LHV (lower heating value)

Total fuel MWh consumed by the organization
482

MWh fuel consumed for self-generation of electricity
<Not Applicable>

MWh fuel consumed for self-generation of heat
0

MWh fuel consumed for self-generation of steam
0

MWh fuel consumed for self-generation of cooling
<Not Applicable>

MWh fuel consumed for self-cogeneration or self-trigeneration
<Not Applicable>

Emission factor
0.233

Unit
metric tons CO2e per MWh

Emissions factor source
Base Carbone The emission factor provided above only includes the combustion part (Scope 1). The emission factor for the upstream production of fuel oil (Scope 3) is 0.039.

Comment

C8.2d

(C8.2d) Provide details on the electricity, heat, steam, and cooling your organization has generated and consumed in the reporting year.

	Total Gross generation (MWh)	Generation that is consumed by the organization (MWh)	Gross generation from renewable sources (MWh)	Generation from renewable sources that is consumed by the organization (MWh)
Electricity	0	0	0	0
Heat			0	0
Steam			0	0
Cooling			0	0

C9. Additional metrics

C9.1

(C9.1) Provide any additional climate-related metrics relevant to your business.

Description

Other, please specify

Metric value

867.7

Metric numerator

Scope 3 GHG emissions in tCO2e

Metric denominator (intensity metric only)

\$ value added

% change from previous year

Direction of change

<Not Applicable>

Please explain

The metrics is adopted by Soitec as part of the setting of the SBT carbon performance targets commitments. It is new within Soitec and the value was therefore not calculated before 2020.

C10. Verification

C10.1

(C10.1) Indicate the verification/assurance status that applies to your reported emissions.

	Verification/assurance status
Scope 1	No third-party verification or assurance
Scope 2 (location-based or market-based)	No third-party verification or assurance
Scope 3	No third-party verification or assurance

C10.2

(C10.2) Do you verify any climate-related information reported in your CDP disclosure other than the emissions figures reported in C6.1, C6.3, and C6.5?

No, we do not verify any other climate-related information reported in our CDP disclosure

C11. Carbon pricing

C11.1

(C11.1) Are any of your operations or activities regulated by a carbon pricing system (i.e. ETS, Cap & Trade or Carbon Tax)?

Yes

C11.1a

(C11.1a) Select the carbon pricing regulation(s) which impacts your operations.

France carbon tax

C11.1c

(C11.1c) Complete the following table for each of the tax systems you are regulated by.

France carbon tax

Period start date

January 1 2020

Period end date

December 31 2020

% of total Scope 1 emissions covered by tax

58

Total cost of tax paid

130946

Comment

The current price of the French carbon tax is 44,60 euros/tCO₂e and it applies to the direct consumptions of fossil fuels by Soitec in France.

C11.1d

(C11.1d) What is your strategy for complying with the systems you are regulated by or anticipate being regulated by?

We are anticipating a strong increase in the French carbon tax, which was initially programmed for the future years with a 2022 perspective of ca 85 euros/tCO₂, although recent political decisions paused the increase. A rapid and drastic increase in the coming years remains the most probable scenario.

The Singapore Government has also introduced a carbon tax starting in 2019. The carbon tax is set at a rate of \$5 per tCO₂e from 2019 to 2023. The carbon tax level and trajectory post-2023 will be reviewed by 2022, to give time for businesses to adjust to any revision in the carbon tax trajectory. At that stage, it applies to facilities with emissions above the 25,000 tCO₂e per annum, thus not to our Singapore facility.

We are also aware that some carbon taxes already apply to some of our suppliers and clients (e.g Japan). More generally speaking, we expect the carbon tax to spread along our value chain in the coming years and potentially become a more significant economic parameter to our business model.

No associated strategy is currently in place on this aspect, which is now in the process of being appropriated by the company.

C11.2

(C11.2) Has your organization originated or purchased any project-based carbon credits within the reporting period?

No

C11.3

(C11.3) Does your organization use an internal price on carbon?

No, and we do not currently anticipate doing so in the next two years

C12. Engagement

C12.1

(C12.1) Do you engage with your value chain on climate-related issues?

Yes, our suppliers

C12.1a

(C12.1a) Provide details of your climate-related supplier engagement strategy.

Type of engagement

Compliance & onboarding

Details of engagement

Included climate change in supplier selection / management mechanism

% of suppliers by number

% total procurement spend (direct and indirect)

% of supplier-related Scope 3 emissions as reported in C6.5

Rationale for the coverage of your engagement

Soitec's Supplier Quality Policy states (Section 4.4 Environmental and energy specifications and certifications) : "SOITEC is committed to the protection and preservation of the environment in all its business operations. SOITEC strives to control impacts on the environment from business activities while promoting environmental improvement throughout its entities. The Supplier shall maintain an environmental management system. Registration to ISO 14001 by an accredited third-party certification body is encouraged. SOITEC strongly encourages their suppliers to develop the management of the energy performance or to obtain ISO 50001 certification."

Impact of engagement, including measures of success

Comment

C12.3

(C12.3) Do you engage in activities that could either directly or indirectly influence public policy on climate-related issues through any of the following?

Trade associations

Funding research organizations

C12.3b

(C12.3b) Are you on the board of any trade associations or do you provide funding beyond membership?

Yes

C12.3c

(C12.3c) Enter the details of those trade associations that are likely to take a position on climate change legislation.

Trade association

<https://www.acsiel.fr/>

Is your position on climate change consistent with theirs?

Consistent

Please explain the trade association's position

Reduction of energy and generally speaking raw material consumption of semiconductor industry in France

How have you influenced, or are you attempting to influence their position?

Participation in dedicated Environment working group

Trade association

<https://www.minalogic.com/en/home>

Is your position on climate change consistent with theirs?

Consistent

Please explain the trade association's position

Digitalization of industry process especially towards SMEs for better efficiency

How have you influenced, or are you attempting to influence their position?

We are member of the Board

Trade association

<https://www.semiconuropa.org/>

Is your position on climate change consistent with theirs?

Consistent

Please explain the trade association's position

Reduction of energy consumption in industry process

How have you influenced, or are you attempting to influence their position?

Participation in yearly event and panels each November in München

Trade association

<https://www.eusemiconductors.eu/esia/about-esia>

Is your position on climate change consistent with theirs?

Consistent

Please explain the trade association's position

Representation of semi conductor industry in front of European Commission

How have you influenced, or are you attempting to influence their position?

Participation in dedicated Environment working group

Trade association

<https://aeneas-office.org/>

Is your position on climate change consistent with theirs?

Consistent

Please explain the trade association's position

Promotion of cooperation between corporates and R&D for energy efficient semiconductors

How have you influenced, or are you attempting to influence their position?

Soitec member of Supervisory Board and Management committee; Soitec also contributing in drafting the "Strategic Research Agenda"

Trade association

<https://www.semiconductors.org/>

Is your position on climate change consistent with theirs?

Consistent

Please explain the trade association's position

Representation of semi conductor industry in front of US administration

How have you influenced, or are you attempting to influence their position?

Participation in working groups

Trade association

<https://poweramericainstitute.org/>

Is your position on climate change consistent with theirs?

Consistent

Please explain the trade association's position

Promotion of specific engineered substrates could enable energy savings in the future, for industrial processes and electrical vehicles

How have you influenced, or are you attempting to influence their position?

Participation in events and seminars

Trade association

<https://www.semi.org/eu>

Is your position on climate change consistent with theirs?

Consistent

Please explain the trade association's position

Solutions enabled by electronic components and systems, photonics and software, could reduce yearly global emissions of carbon dioxide (CO2) 20% by 2030. In particular, the deployment of electronics and digital in critical sectors such as transport, manufacturing, agriculture and food, building and energy management could eliminate CO2 emissions.

How have you influenced, or are you attempting to influence their position?

Participation in events and seminars Soitec's Chief Executive Officer was appointed as the Vice-president of SEMI Europe's Advisory Board in 2021.

C12.3d

(C12.3d) Do you publicly disclose a list of all research organizations that you fund?

Yes

C12.3f

(C12.3f) What processes do you have in place to ensure that all of your direct and indirect activities that influence policy are consistent with your overall climate change strategy?

Coordination at COMEX level

C12.4

(C12.4) Have you published information about your organization's response to climate change and GHG emissions performance for this reporting year in places other than in your CDP response? If so, please attach the publication(s).

Publication

In mainstream reports

Status

Complete

Attach the document

SOITEC_DEU_2020_UK_MEL_060721.pdf

Page/Section reference

This is Soitec's Universal Registration Document 2020-2021. See in particular: 3.4 Supporting the transition to a low-carbon economy and preserving the planet - P.77 to 81
3.2.3 Materiality and risk analysis - P.71 to 73

Content elements

Governance
Strategy
Risks & opportunities
Emissions figures
Other metrics

Comment

Soitec's Universal Registration Document 2020-2021 includes both Soitec's Annual Financial Report and Soitec's Annual Extra-financial Report.

Publication

In voluntary communications

Status

Complete

Attach the document

Soitec-CMD-Final_2021.pdf

Page/Section reference

This is Soitec's Capital market day presentation, June 2021. See in particular: Slide 37 - Contribution to avoided GHGs by products sold in the use phase Slide 11 - Energy efficiency as one of the 3 Soitec mission's key goals

Content elements

Strategy
Risks & opportunities
Emissions figures

Comment

The Capital market day is a communication to Soitec's investors and clients.

C15. Signoff

C-FI

(C-FI) Use this field to provide any additional information or context that you feel is relevant to your organization's response. Please note that this field is optional and is not scored.

Even if the design of energy efficient products has always been in the DNA of Soitec, Sustainability has become a strategic pillar of the company and significant resources have been allocated to this program. As a consequence, the climate change program has been identified as a company project involving all the divisions of Soitec. The company has decided to engage strongly and immediately in the reduction of its emissions. Since the kick off of this project in fall 2020, the CEO has committed to SBT initiative and during the summer 2021, we will post for submission a target report for 1.5°C ambition. In parallel, significant decisions have already been taken (switch to 100% renewable origin electricity for our main site in France, launch photovoltaic solar central for Singapore site, built a HQE headquarter building in France or launch an ISO 50001 certification scheme in Singapore).

The emergency of the situation requires strong and fast changes and Soitec is committed to answer to this urgent demand.

C15.1

(C15.1) Provide details for the person that has signed off (approved) your CDP climate change response.

	Job title	Corresponding job category
Row 1	Chief Executive Officer	Chief Executive Officer (CEO)

SC. Supply chain module

SC0.0

(SC0.0) If you would like to do so, please provide a separate introduction to this module.

SC0.1

(SC0.1) What is your company’s annual revenue for the stated reporting period?

	Annual Revenue
Row 1	

SC0.2

(SC0.2) Do you have an ISIN for your company that you would be willing to share with CDP?

SC1.1

(SC1.1) Allocate your emissions to your customers listed below according to the goods or services you have sold them in this reporting period.

SC1.2

(SC1.2) Where published information has been used in completing SC1.1, please provide a reference(s).

SC1.3

(SC1.3) What are the challenges in allocating emissions to different customers, and what would help you to overcome these challenges?

Allocation challenges	Please explain what would help you overcome these challenges
-----------------------	--

SC1.4

(SC1.4) Do you plan to develop your capabilities to allocate emissions to your customers in the future?

SC2.1

(SC2.1) Please propose any mutually beneficial climate-related projects you could collaborate on with specific CDP Supply Chain members.

SC2.2

(SC2.2) Have requests or initiatives by CDP Supply Chain members prompted your organization to take organizational-level emissions reduction initiatives?

SC4.1

(SC4.1) Are you providing product level data for your organization’s goods or services?

Submit your response

In which language are you submitting your response?

English

Please confirm how your response should be handled by CDP

	I am submitting to	Public or Non-Public Submission	Are you ready to submit the additional Supply Chain questions?
I am submitting my response	Investors Customers	Public	Yes, I will submit the Supply Chain questions now

Please confirm below

I have read and accept the applicable Terms