

C0. Introduction

C0.1

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

ANSYS, Inc. (Ansys, we, us, our), a Delaware corporation formed in 1994, develops and globally markets engineering simulation software and services widely used by engineers, designers, researchers and students across a broad spectrum of industries and academia, including aerospace and defense, automotive, electronics, semiconductors, energy, materials and chemical processing, turbomachinery, consumer products, healthcare, and sports. Headquartered south of Pittsburgh, Pennsylvania, we employed approximately 4,100 people as of December 31, 2019. We focus on the development of open and flexible solutions that enable users to analyze designs directly on the desktop, providing a common platform for fast, efficient and cost-conscious product development, from design concept to final-stage testing and validation. We distribute our suite of simulation technologies through a global network of independent resellers and distributors (collectively, channel partners) and direct sales offices in strategic, global locations. It is our intention to continue to maintain this hybrid sales and distribution model. We operate and report as one segment.

Innovation, inclusiveness, transparency and integrity are key components of Ansys' culture and values. Building high-quality, innovative products is the core of our business, and we are committed to creating sustainable, long-term value for our key stakeholders: our investors, customers, employees and partners. We are also responsible for sustaining and improving the environment in which we function. We are committed to having a positive impact on the lives of people and improving the sustainability of the planet through our products and practices.

Innovative technologies like simulation software can play a critical role in addressing the climate crisis. As the global leader in simulation software, Ansys is well positioned to provide technology solutions that support and enable the sustainability goals of our customers across diverse industries. Our solutions have a positive impact on the environment by helping our customers reduce the use of resources while increasing efficiency and productivity. While the typical carbon footprint in our industry is relatively light, Ansys is committed to the conservation and sustainability of our planet's resources by aiming to operate our business in ways that continue to reduce our environmental impact and carbon footprint. Discovering and implementing efficient ways to make things operate – with minimal use of physical resources – is at the very heart of our vision of pervasive simulation. Ansys is environmentally responsible in its operations, and we encourage and support our stakeholders, including our vendors and customers, to do the same.

In 2019, Ansys acquired the following companies: Livermore Software Technology (LST), Dynardo, DfR Solutions, Helic, and Granta Design. Our operations within our operational control consisted of approximately 90 owned or leased office spaces in the Americas, APAC, and EMEA.

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 2019	December 31 2019	No	<Not Applicable>

C0.3

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

- Belgium
- Canada
- China
- France
- Germany
- Greece
- India
- Israel
- Italy
- Japan
- Netherlands
- Republic of Korea
- Spain
- Sweden
- Switzerland
- Taiwan, Greater China
- United Kingdom of Great Britain and Northern Ireland
- United States of America

C0.4

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

USD

C1. Governance

C1.1

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

No

C1.1c

(C1.1c) Why is there no board-level oversight of climate-related issues and what are your plans to change this in the future?

	Primary reason	Board-level oversight of climate-related issues will be introduced within the next two years	Please explain
Row 1	Ansys recognizes the importance of establishing governance mechanisms for the oversight of broader environmental, social, and governance (ESG) topics, including climate-related issues. We are in the process of attaining the support of our General Counsel and sponsors to implement a process for board-level oversight of climate-related issues. Currently, these processes are not yet in place.	Yes, we plan to do so within the next two years	Within the next two years, Ansys plans to evaluate climate-related issues, specifically by first formally identifying climate-related risks and opportunities. Currently, the management and assessment of all ESG issues, including climate-related issues, is tasked by a group of employees from various business divisions within Ansys, including representatives from our legal, finance, facilities, investor relations, and human resources teams. This group, chaired by our VP and General Counsel, has created an environmental task team to evaluate climate-related issues for the Board. The Nominating and Governance Committee of the Board will be involved in this process.

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
Corporate responsibility committee	<Not Applicable>	Both assessing and managing climate-related risks and opportunities	<Not Applicable>	Not reported to the board

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	No, and we do not plan to introduce them in the next two years	

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?

No

C2.2g

**(C2.2g) Why does your organization not have a process in place for identifying, assessing, and responding to climate-related risks and opportunities, and do you plan to introduce such a process in the future?**

	Primary reason	Please explain
Row 1	We are planning to introduce a climate-related risk management process in the next two years	Within the next two years, Ansys plans to evaluate climate-related issues, specifically by first formally identifying climate-related risks and opportunities. Currently, the management and assessment of all ESG issues, including climate-related issues, is tasked by a group of employees from various business divisions within Ansys, including representatives from our legal, finance, facilities, investor relations and human resources teams. This group, chaired by our VP and General Counsel, and our Senior Director of Audit and Risk Management are working together to evaluate climate-related issues along with other ESG issues and incorporate them into the Company's Enterprise Risk Management process.

### 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?**

No

### C2.3b

**(C2.3b) Why do you not consider your organization to be exposed to climate-related risks with the potential to have a substantive financial or strategic impact on your business?**

	Primary reason	Please explain
Row 1	Evaluation in process	Within the next two years, Ansys plans to evaluate climate-related issues, specifically by first formally identifying climate-related risks and opportunities. Currently, the management and assessment of all ESG issues, including climate-related issues, is tasked by a group of employees from various business divisions within Ansys, including representatives from our legal, finance, facilities, investor relations and human resources teams. Part of this group's activities is to evaluate the impact of climate-related issues on our business. A significant portion of our software development personnel and source code and computer equipment is located at operating facilities in the U.S., Canada, India, Japan and throughout Europe. Thus, Ansys may face climate-related risks such as disruptions to our operations, services, and product development activities due to the occurrence of a natural disaster or other unforeseen catastrophe at any of these facilities. As part of this process, we will be evaluating the relevance and significance of such climate-related risks, as well as whether any would be considered substantive.

### 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?**

No

### C2.4b

**(C2.4b) Why do you not consider your organization to have climate-related opportunities?**

	Primary reason	Please explain
Row 1	Evaluation in progress	Within the next two years, Ansys plans to evaluate climate-related issues, specifically by first formally identifying climate-related risks and opportunities. Currently, the management and assessment of all ESG issues, including climate-related issues, is tasked by a group of employees from various business divisions within Ansys, including representatives from our legal, finance, facilities, investor relations and human resources teams. Part of this group's activities is to evaluate climate-related opportunities of our business. Ansys may have climate-related opportunities such as increased business due to the opportunity for our tools to be used by customers in areas of increasing demand, such as autonomous vehicles and electrification in the automotive sector, as well renewable energy in the energy sector. As part of this process, we will be evaluating the relevance and significance of such climate-related opportunities, as well as whether any would be considered substantive.

## C3. Business Strategy

### C3.1

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

Yes

## C4. Targets and performance

### C4.1

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

No target

## C4.1c

**(C4.1c) Explain why you did not have an emissions target, and forecast how your emissions will change over the next five years.**

	Primary reason	Five-year forecast	Please explain
Row 1	We are planning to introduce a target in the next two years	The GHG emissions from Ansys's current real estate portfolio in our baseline 2019 GHG inventory are expected to decrease in the next five years. We forecast this decrease due to our efforts to establish a full baseline greenhouse gas (GHG) inventory and to subsequently implement emissions reduction initiatives and set energy/GHG emissions reduction targets. This expected decrease is contingent on the company's evolving real estate portfolio due to acquisitions. Ansys is currently developing a Global Real Estate Strategy that will include projections for our real estate square footage, which will inform the likelihood and impact of future mergers or acquisitions on our GHG emissions.	In 2019, Ansys acquired the following companies: Livermore Software Technology (LST), Dynardo, DfR Solutions, Helic, and Granta Design. Due to the number of acquisitions, the real estate team prioritized completing a GHG inventory for our full global real estate portfolio and establishing key performance indicators (KPIs) to drive future equitable investments and initiatives. By establishing KPIs, investments in the global real estate portfolio became clear and a strategic roadmap was developed to drive investment prioritization. Ansys plans to implement emissions reduction initiatives following the establishment of the baseline GHG inventory. This will be achieved through first assessing the sources of emissions in our baseline inventory and evaluating options for emissions reductions projects based on emissions reduction potential and return on investment. As part of these efforts, Ansys also plans to establish energy/GHG emissions reduction targets to guide our ambition as a company.

## 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.**

No

## C4.3d

**(C4.3d) Why did you not have any emissions reduction initiatives active during the reporting year?**

In 2019, Ansys acquired the following companies: Livermore Software Technology (LST), Dynardo, DfR Solutions, Helic, and Granta Design. Due to the number of acquisitions, the real estate team prioritized completing a baseline GHG inventory for our full global real estate portfolio and establishing key performance indicators (KPIs) to drive future equitable investments and initiatives. By establishing KPIs, investments in the global real estate portfolio became clear and a strategic roadmap was developed to drive investment prioritization.

In 2019, Ansys pursued creative and cost-effective solutions and to save energy and water and to recycle waste at our facilities and data centers. These were implemented by local facility managers on a project basis and vary across offices depending on the locally available resources and opportunities. Our energy-saving measures include motion-sensitive lighting, night/weekend HVAC setbacks, LED lights, and free-cooling or cool aisle containment for data centers. Our waste-related measures generally include recycling IT equipment and computers, paper and other waste, reducing paper consumption and plastic cup usage, and the use of green-certified materials for new interior construction work. Our headquarters in Canonsburg, PA in the USA is LEED-certified, and similar certifications are carried by our Sheffield, UK, Beijing, Chengdu (sales office) and Shanghai, China, and Hyderabad, India offices.

Ansys plans to continue to implement – as well as begin formally tracking – emissions reduction initiatives following the establishment of the baseline GHG inventory. This will be achieved through first assessing the sources of emissions in our baseline inventory and evaluating options for emissions reductions projects based on emissions reduction potential and return on investment. As part of these efforts, Ansys also plans to establish energy/GHG emissions reduction targets to guide our ambition as a company.

## C5. Emissions methodology

### C5.2

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

The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)

## C6. Emissions data

### C6.1

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**(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)**

1960

**Start date**

<Not Applicable>

**End date**

<Not Applicable>

**Comment**

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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 are reporting a Scope 2, market-based figure

**Comment**

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C6.3

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

**Reporting year**

**Scope 2, location-based**

16069

**Scope 2, market-based (if applicable)**

16510

**Start date**

<Not Applicable>

**End date**

<Not Applicable>

**Comment**

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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**

Not evaluated

**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**

**Capital goods**

**Evaluation status**

Not evaluated

**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**

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

**Evaluation status**

Not evaluated

**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**

**Upstream transportation and distribution**

**Evaluation status**

Not evaluated

**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**

**Waste generated in operations**

**Evaluation status**

Not evaluated

**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**

**Business travel**

**Evaluation status**

Not evaluated

**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**

**Employee commuting**

**Evaluation status**

Not evaluated

**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**

**Upstream leased assets**

**Evaluation status**

Not evaluated

**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**

**Downstream transportation and distribution**

**Evaluation status**

Not evaluated

**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**

**Processing of sold products**

**Evaluation status**

Not evaluated

**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**

**Use of sold products**

**Evaluation status**

Not evaluated

**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**

**End of life treatment of sold products**

**Evaluation status**

Not evaluated

**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**

**Downstream leased assets**

**Evaluation status**

Not evaluated

**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**

**Franchises**

**Evaluation status**

Not evaluated

**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**

**Investments**

**Evaluation status**

Not evaluated

**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**

**Other (upstream)**

**Evaluation status**

Not evaluated

**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**

**Other (downstream)**

**Evaluation status**

Not evaluated

**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**

C6.10

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**(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**

0.0000119

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

18029

**Metric denominator**

unit total revenue

**Metric denominator: Unit total**

1515892000

**Scope 2 figure used**

Location-based

**% change from previous year**

0

**Direction of change**

No change

**Reason for change**

This is our first year of reporting our GHG emissions, so we cannot compare to last year.

**Intensity figure**

0.014892

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

18029

**Metric denominator**

square foot

**Metric denominator: Unit total**

1210667

**Scope 2 figure used**

Location-based

**% change from previous year**

0

**Direction of change**

No change

**Reason for change**

This is our first year of reporting our GHG emissions, so we cannot compare to last year.

**C7. Emissions breakdowns**

**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?**

This is our first year of reporting, so we cannot compare to last year

**C8. Energy**

**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)	HHV (higher heating value)	0	8943	8943
Consumption of purchased or acquired electricity	<Not Applicable>	0	35939	35939
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>	152	<Not Applicable>	152
Total energy consumption	<Not Applicable>	152	44882	45034

C12. Engagement

C12.1

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

- Yes, our suppliers
- Yes, our customers

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.**

**Additional context on C12.1 (Do you engage with your value chain on climate-related issues?):** Internal processes and controls are being developed to enhance Ansys's engagement with suppliers/vendors. Investments in proper tools are being implemented, and once complete Ansys will be poised to establish effective engagement around environmental factors with suppliers.

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	Senior Director, Internal Audit and Risk Management	Risk manager

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
I am submitting my response	Investors	Public

**Please confirm below**

I have read and accept the applicable Terms