RAMBUS

2024 CDP Corporate Questionnaire 2024

Word version

Important: this export excludes unanswered questions
This document is an export of your organization's CDP questionnaire response. It contains all data points for questions that are answered or in progress. There may be questions or data points that you have been requested to provide, which are missing from this document because they are currently unanswered. Please note that it is your responsibility to verify that your questionnaire response is complete prior to submission. CDP will not be liable for any failure to do so.
Terms of disclosure for corporate questionnaire 2024 - CDP

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01/09/2025, 08:17 pm

Contents

C1. Introduction

(1.1) In which language are you submitting your response?

Select from:
☑ English

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

Select from:
☑ USD

(1.3) Provide an overview and introduction to your organization.

(1.3.2) Organization type

Select from:
☑ Publicly traded organization

(1.3.3) Description of organization

Rambus provides industry-leading chips and silicon IP that make data faster and safer. With more than 30 years of advanced semiconductor experience, Rambus is a pioneer in high-performance memory subsystems that solve the bottleneck between memory and processing for data-intensive systems. Whether in the cloud, at the edge or in your hand, real-time and immersive applications depend on data throughput and integrity. Our products and innovations deliver increased bandwidth, capacity and security required to meet the world's data needs and drive ever-greater end-user experience.
[Fixed row]

(1.4) State the end date of the year for which you are reporting data. For emissions data, indicate whether you will be providing emissions data for past reporting years.

(1.4.1) End date of reporting year

12/31/2023

(1.4.2) Alignment of this reporting period with your financial reporting period

Select from:

☑ Yes

(1.4.3) Indicate if you are providing emissions data for past reporting years

Select from:

☑ Yes

(1.4.4) Number of past reporting years you will be providing Scope 1 emissions data for

Select from:

☑ 2 years

(1.4.5) Number of past reporting years you will be providing Scope 2 emissions data for

Select from:

☑ 2 years

(1.4.6) Number of past reporting years you will be providing Scope 3 emissions data for

Select from:

☑ Not providing past emissions data for Scope 3

[Fixed row]

(1.4.1) What is your organization’s annual revenue for the reporting period?

461100000

(1.5) Provide details on your reporting boundary.

	Is your reporting boundary for your CDP disclosure the same as that used in your financial statements?
	Select from: ☑ Yes

[Fixed row]

(1.6) Does your organization have an ISIN code or another unique identifier (e.g., Ticker, CUSIP, etc.)?

ISIN code - bond

(1.6.1) Does your organization use this unique identifier?

Select from:

☑ No

ISIN code - equity

(1.6.1) Does your organization use this unique identifier?

Select from:

☑ No

CUSIP number

(1.6.1) Does your organization use this unique identifier?

Select from:

☑ No

Ticker symbol

(1.6.1) Does your organization use this unique identifier?

Select from:

☑ Yes

(1.6.2) Provide your unique identifier

RMBS

SEDOL code

(1.6.1) Does your organization use this unique identifier?

Select from:

☑ No

LEI number

(1.6.1) Does your organization use this unique identifier?

Select from:

☑ No

D-U-N-S number

(1.6.1) Does your organization use this unique identifier?

Select from:

☑ No

Other unique identifier

(1.6.1) Does your organization use this unique identifier?

Select from:

☑ No

[Add row]

(1.7) Select the countries/areas in which you operate.

Select all that apply

☑ India

☑ Canada

☑ France

☑ Finland

☑ Bulgaria

☑ Netherlands

☑ Taiwan, China

☑ Republic of Korea

☑ United States of America

(1.8) Are you able to provide geolocation data for your facilities?

	Are you able to provide geolocation data for your facilities?
	Select from: ☑ Yes, for all facilities

[Fixed row]

(1.8.1) Please provide all available geolocation data for your facilities.

Row 1

(1.8.1.1) Identifier

USA, NC, Chapel Hill

(1.8.1.2) Latitude

35.931216

(1.8.1.3) Longitude

-79.032648

(1.8.1.4) Comment

Administrative office only. No production and no manufacturing

Row 3

(1.8.1.1) Identifier

USA, CA, San Jose

(1.8.1.2) Latitude

37.421173

(1.8.1.3) Longitude

-121.963918

(1.8.1.4) Comment

Administrative office only. No production and no manufacturing

Row 4

(1.8.1.1) Identifier

CA, Toronto

(1.8.1.2) Latitude

43.764858

(1.8.1.3) Longitude

-79.412101

(1.8.1.4) Comment

Administrative office only. No production and no manufacturing

Row 5

(1.8.1.1) Identifier

USA, OR, Hillsboro

(1.8.1.2) Latitude

45.527844

(1.8.1.3) Longitude

-122.882105

(1.8.1.4) Comment

Administrative office only. No production and no manufacturing

Row 6

(1.8.1.1) Identifier

USA, CA, Agoura Hills

(1.8.1.2) Latitude

34.145757

(1.8.1.3) Longitude

-118.783473

(1.8.1.4) Comment

Administrative office only. No production and no manufacturing

Row 7

(1.8.1.1) Identifier

India, Bangalore

(1.8.1.2) Latitude

12.932559

(1.8.1.3) Longitude

77.603578

(1.8.1.4) Comment

Administrative office only. No production and no manufacturing

Row 8

(1.8.1.1) Identifier

CA, Montreal

(1.8.1.2) Latitude

45.502179

(1.8.1.3) Longitude

-73.558267

(1.8.1.4) Comment

Administrative office only. No production and no manufacturing

Row 9

(1.8.1.1) Identifier

FI, Espoo

(1.8.1.2) Latitude

60.215049

(1.8.1.3) Longitude

24.814885

(1.8.1.4) Comment

Administrative office only. No production and no manufacturing

Row 10

(1.8.1.1) Identifier

NL, Vught

(1.8.1.2) Latitude

51.650874

(1.8.1.3) Longitude

5.30361

(1.8.1.4) Comment

Administrative office only. No production and no manufacturing

Row 11

(1.8.1.1) Identifier

FR, Aix-en-Provence

(1.8.1.2) Latitude

43.481139

(1.8.1.3) Longitude

5.36644

(1.8.1.4) Comment

Administrative office only. No production and no manufacturing

Row 12

(1.8.1.1) Identifier

BG, Plodiv

(1.8.1.4) Comment

Administrative office only. No production and no manufacturing.

Row 13

(1.8.1.1) Identifier

CN, Taiwan

(1.8.1.4) Comment

Administrative office only. No production and no manufacturing.

Row 14

(1.8.1.1) Identifier

CA, Yonge, Toronto

(1.8.1.4) Comment

Administrative office only. No production and no manufacturing.
[Add row]

(1.24) Has your organization mapped its value chain?

(1.24.1) Value chain mapped

Select from:
☑ Yes, we have mapped or are currently in the process of mapping our value chain

(1.24.2) Value chain stages covered in mapping

Select all that apply

☑ Upstream value chain
☑ Downstream value chain

(1.24.3) Highest supplier tier mapped

Select from:
☑ Tier 3 suppliers

(1.24.4) Highest supplier tier known but not mapped

Select from:
☑ All supplier tiers known have been mapped

(1.24.7) Description of mapping process and coverage

The Supply Chain team at Rambus identifies both upstream and downstream suppliers to the third tier. The mapping process involves engaging with direct and indirect suppliers through CDP supply chain frameworks, the Responsible Business Alliance code of conduct, and direct communication to review environmental disclosures and annual impact reports.
[Fixed row]

(1.24.1) Have you mapped where in your direct operations or elsewhere in your value chain plastics are produced, commercialized, used, and/or disposed of?

	Plastics mapping	Value chain stages covered in mapping
	Select from: ☑ Yes, we have mapped or are currently in the process of mapping plastics in our value chain	*Select all that apply* ☑ Upstream value chain

[Fixed row]

C2. Identification, assessment, and management of dependencies, impacts, risks, and opportunities

(2.1) How does your organization define short-, medium-, and long-term time horizons in relation to the identification, assessment, and management of your environmental dependencies, impacts, risks, and opportunities?

Short-term

(2.1.1) From (years)

0

(2.1.3) To (years)

2

(2.1.4) How this time horizon is linked to strategic and/or financial planning

These time horizons were chosen because they align with Rambus' current risk management procedures.

Medium-term

(2.1.1) From (years)

3

(2.1.3) To (years)

5

(2.1.4) How this time horizon is linked to strategic and/or financial planning

These time horizons were chosen because they align with Rambus' current risk management procedures.

Long-term

(2.1.1) From (years)

6

(2.1.2) Is your long-term time horizon open ended?

Select from:

☑ Yes

(2.1.4) How this time horizon is linked to strategic and/or financial planning

These time horizons were chosen because they align with Rambus current risk management procedures.
[Fixed row]

(2.2) Does your organization have a process for identifying, assessing, and managing environmental dependencies and/or impacts?

(2.2.1) Process in place

Select from:

☑ Yes

(2.2.2) Dependencies and/or impacts evaluated in this process

Select from:

☑ Dependencies only

(2.2.4) Primary reason for not evaluating dependencies and/or impacts

Select from:

☑ Not an immediate strategic priority

(2.2.5) Explain why you do not evaluate dependencies and/or impacts and describe any plans to do so in the future

This was Rambus' first year completing a Climate Scenario Analysis. Now that we have conducted this initial step, we can continue to expand our efforts into further evaluations that include impacts in the coming years.
[Fixed row]

(2.2.1) Does your organization have a process for identifying, assessing, and managing environmental risks and/or opportunities?

	Process in place	Risks and/or opportunities evaluated in this process	Is this process informed by the dependencies and/or impacts process?
	Select from: ☑ Yes	*Select from:* ☑ Both risks and opportunities	*Select from:* ☑ Yes

[Fixed row]

(2.2.2) Provide details of your organization's process for identifying, assessing, and managing environmental dependencies, impacts, risks, and/or opportunities.

Row 1

(2.2.2.1) Environmental issue

Select all that apply
☑ Climate change

(2.2.2.2) Indicate which of dependencies, impacts, risks, and opportunities are covered by the process for this environmental issue

Select all that apply

☑ Risks
☑ Opportunities

(2.2.2.3) Value chain stages covered

Select all that apply
☑ Direct operations
☑ Upstream value chain

(2.2.2.4) Coverage

Select from:
☑ Full

(2.2.2.5) Supplier tiers covered

Select all that apply
☑ Tier 1 suppliers

(2.2.2.7) Type of assessment

Select from:
☑ Qualitative and quantitative

(2.2.2.8) Frequency of assessment

Select from:
☑ Every three years or more

(2.2.2.9) Time horizons covered

Select all that apply
☑ Short-term
☑ Medium-term

(2.2.2.10) Integration of risk management process

Select from:

☑ A specific environmental risk management process

(2.2.2.11) Location-specificity used

Select all that apply

☑ Site-specific

(2.2.2.12) Tools and methods used

Enterprise Risk Management

☑ Enterprise Risk Management

International methodologies and standards

☑ IPCC Climate Change Projections

Other

☑ External consultants

☑ Scenario analysis

(2.2.2.13) Risk types and criteria considered

Acute physical

☑ Cyclones, hurricanes, typhoons

☑ Flood (coastal, fluvial, pluvial, ground water)

Chronic physical

☑ Changing precipitation patterns and types (rain, hail, snow/ice)

☑ Sea level rise

☑ Temperature variability

☑ Water stress

Policy

☑ Carbon pricing mechanisms

☑ Other policy, please specify **:**Changes in water and shipping regulations

Market

☑ Availability and/or increased cost of raw materials

Reputation

☑ Other reputation, please specify **:**Trends in GHG emissions expectations

Technology

☑ Other technology, please specify **:**Trends in technology

(2.2.2.14) Partners and stakeholders considered

Select all that apply

☑ Employees

☑ Investors

☑ Local communities

☑ Suppliers

(2.2.2.15) Has this process changed since the previous reporting year?

Select from:

☑ Yes

(2.2.2.16) Further details of process

Each year, Rambus discloses environmental risks and opportunities through CDP. Third party consultants are hired to help assess risks and opportunities using the most up to date standards, frameworks, and methodologies. This year, Rambus hired an external consulting company to conduct a Climate Scenario Analysis using the International Financial Reporting Standards (IFRS) methodology (previously known as Task Force on Climate-Related Financial Disclosure).
[Add row]

(2.2.7) Are the interconnections between environmental dependencies, impacts, risks and/or opportunities assessed?

(2.2.7.1) Interconnections between environmental dependencies, impacts, risks and/or opportunities assessed

Select from:

☑ Yes

(2.2.7.2) Description of how interconnections are assessed

Interconnections between impacts and risks are assessed as part of the Climate Scenario Analysis. For each physical and transitional risk, other risks are incorporated due to the interconnected nature. For example, temperature increases and increase in sea-level are likely highly connected in the scenarios outlined in the RCPs used in the process.
[Fixed row]

(2.3) Have you identified priority locations across your value chain?

(2.3.1) Identification of priority locations

Select from:

☑ Yes, we have identified priority locations

(2.3.2) Value chain stages where priority locations have been identified

Select all that apply

☑ Direct operations

☑ Upstream value chain

(2.3.3) Types of priority locations identified

Sensitive locations

☑ Areas of limited water availability, flooding, and/or poor quality of water

Locations with substantive dependencies, impacts, risks, and/or opportunities

☑ Other location with substantive nature-related dependencies, impacts, risks, and/or opportunities, please specify **:**Climate change

(2.3.4) Description of process to identify priority locations

Rambus selected priority locations based on critical dependencies of the business. The locations include sites where Rambus leases buildings and its employees work and live. In addition, priority tier 1 supplier locations were also included as the manufacturing of products is critical to Rambus' business.

(2.3.5) Will you be disclosing a list/spatial map of priority locations?

Select from:

☑ No, we have a list/geospatial map of priority locations, but we will not be disclosing it

[Fixed row]

(2.4) How does your organization define substantive effects on your organization?

Risks

(2.4.1) Type of definition

Select all that apply

☑ Qualitative

☑ Quantitative

(2.4.2) Indicator used to define substantive effect

Select from:

☑ Revenue

(2.4.3) Change to indicator

Select from:

☑ % decrease

(2.4.4) % change to indicator

Select from:

☑ 1-10

(2.4.6) Metrics considered in definition

Select all that apply

☑ Time horizon over which the effect occurs

☑ Likelihood of effect occurring

☑ Other, please specify :Impact: strength of the driver’s influence on future outcomes

(2.4.7) Application of definition

Rambus uses revenue as the key metric that indicates a substantive effect. The threshold is about.07% of annual revenue to be considered more than an "insignificant" impact. Rambus also considers qualitative impacts, such as employee livelihoods and labor rights.

Opportunities

(2.4.1) Type of definition

Select all that apply

☑ Qualitative

☑ Quantitative

(2.4.2) Indicator used to define substantive effect

Select from:

☑ Revenue

(2.4.3) Change to indicator

Select from:

☑ % increase

(2.4.4) % change to indicator

Select from:

☑ 1-10

(2.4.6) Metrics considered in definition

Select all that apply

☑ Time horizon over which the effect occurs

☑ Likelihood of effect occurring

☑ Other, please specify :Impact: strength of the driver's influence on future outcomes

(2.4.7) Application of definition

Rambus uses revenue as the key metric that indicates a substantive effect. The threshold is about.07% of annual revenue to be considered more than an "insignificant" impact. Rambus also considers qualitative impacts, such as employee livelihoods and labor rights.
[Add row]

(2.5) Does your organization identify and classify potential water pollutants associated with its activities that could have a detrimental impact on water ecosystems or human health?

	Identification and classification of potential water pollutants	Please explain
	Select from: ☑ No, we do not identify and classify our potential water pollutants	*Rambus's water consumption is purely limited to the use of public utility water for sanitary purposes*

[Fixed row]

C3. Disclosure of risks and opportunities

(3.1) Have you identified any environmental risks which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future?

Climate change

(3.1.1) Environmental risks identified

Select from:

☑ Yes, both in direct operations and upstream/downstream value chain

Water

(3.1.1) Environmental risks identified

Select from:

☑ No

(3.1.2) Primary reason why your organization does not consider itself to have environmental risks in your direct operations and/or upstream/downstream value chain

Select from:

☑ Not an immediate strategic priority

(3.1.3) Please explain

Rambus' water consumption is purely limited to the use of public utility water for sanitary purposes.

Plastics

(3.1.1) Environmental risks identified

Select from:

☑ No

(3.1.2) Primary reason why your organization does not consider itself to have environmental risks in your direct operations and/or upstream/downstream value chain

Select from:

☑ Not an immediate strategic priority

(3.1.3) Please explain

Rambus' plastic usage is low as it is limited to basic office operations.
[Fixed row]

(3.1.1) Provide details of the environmental risks identified which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future.

Climate change

(3.1.1.1) Risk identifier

Select from:

☑ Risk1

(3.1.1.3) Risk types and primary environmental risk driver

Acute physical

☑ Cyclone, hurricane, typhoon

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☑ Upstream value chain

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☑ China

☑ Taiwan, China

(3.1.1.9) Organization-specific description of risk

Suppliers in Shanghai, China are at critical risk from extreme weather events. Suppliers in the Taiwan are at major risk from extreme weather events. These extreme weather events may cause shutdowns of supplier operations or delay supplier shipments, if employees are unable to report to work or if roads are closed from extreme flooding or debris destruction. The majority of shipments are transported via air; flights may not be able to take off or land during periods of extreme weather, which also leads to delays. If these delays happen at the end of the quarter for a long enough duration, there would be impacts to revenue.

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Decreased revenues due to reduced production capacity

(3.1.1.12) Time horizon over which the risk is anticipated to have a substantive effect on the organization

Select all that apply

☑ Short-term

☑ Medium-term

(3.1.1.13) Likelihood of the risk having an effect within the anticipated time horizon

Select from:

☑ Likely

(3.1.1.14) Magnitude

Select from:

☑ Medium

(3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons

Extreme weather events in China have the potential to delay revenues by more than 3,000,000 over the short and medium time horizons. Extreme weather events in Taiwan have the potential to delay revenues by 1,000,000-3,000,000 over the short and medium time horizons.

(3.1.1.17) Are you able to quantify the financial effect of the risk?

Select from:

☑ Yes

(3.1.1.19) Anticipated financial effect figure in the short-term – minimum (currency)

1000000

(3.1.1.20) Anticipated financial effect figure in the short-term – maximum (currency)

3000001

(3.1.1.21) Anticipated financial effect figure in the medium-term – minimum (currency)

1000000

(3.1.1.22) Anticipated financial effect figure in the medium-term – maximum (currency)

6000000

(3.1.1.25) Explanation of financial effect figure

This CSA examined the impacts to Rambus' quarterly and annual revenue performance. Rambus' Risk Management Policy was used to provide guidance on financial impact thresholds.

(3.1.1.26) Primary response to risk

Engagement

☑ Engage with suppliers

(3.1.1.27) Cost of response to risk

0

(3.1.1.28) Explanation of cost calculation

Rambus already engages with suppliers regularly, therefore, no additional cost is expected.

(3.1.1.29) Description of response

Rambus engages with suppliers regularly on various subjects, including plans for responding to extreme weather events. In the event of extreme weather impacting ability to produce and/or transport products, Rambus will communicate with suppliers regarding mitigation plans and impact to the business.

Climate change

(3.1.1.1) Risk identifier

Select from:

☑ Risk2

(3.1.1.3) Risk types and primary environmental risk driver

Policy

☑ Carbon pricing mechanisms

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☑ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☑ United States of America

(3.1.1.9) Organization-specific description of risk

For SSP2, it is projected that carbon prices will be enforced at moderate costs. The implementation of carbon pricing could increase the manufacturing costs to suppliers, thus increasing the price to Rambus and its customers. Since there is such little competition in the semiconductor industry, Rambus does not anticipate losing customers due to higher costs. All products are qualified specifically for each individual customer, and the cost and time needed to invest in finding a new supplier would not be feasible for customers. Therefore, revenue impacts are expected to be minor.

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Increased compliance costs

(3.1.1.12) Time horizon over which the risk is anticipated to have a substantive effect on the organization

Select all that apply

☑ Short-term

☑ Medium-term

(3.1.1.13) Likelihood of the risk having an effect within the anticipated time horizon

Select from:

☑ Likely

(3.1.1.14) Magnitude

Select from:

☑ Low

(3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons

Carbon pricing trends have the potential to affect revenues by less than 350,000 over the short and medium time horizons.

(3.1.1.17) Are you able to quantify the financial effect of the risk?

Select from:

☑ Yes

(3.1.1.19) Anticipated financial effect figure in the short-term – minimum (currency)

1

(3.1.1.20) Anticipated financial effect figure in the short-term – maximum (currency)

349999

(3.1.1.21) Anticipated financial effect figure in the medium-term – minimum (currency)

1

(3.1.1.22) Anticipated financial effect figure in the medium-term – maximum (currency)

349999

(3.1.1.25) Explanation of financial effect figure

This CSA examined the impacts to Rambus' quarterly and annual revenue performance. Rambus' Risk Management Policy was used to provide guidance on financial impact thresholds.

(3.1.1.26) Primary response to risk

Pricing and credits

☑ Implement internal price on carbon

(3.1.1.27) Cost of response to risk

0

(3.1.1.28) Explanation of cost calculation

The cost of response to this risk cannot yet be quantified due to unknown future pricing of carbon.

(3.1.1.29) Description of response

Rambus is planning to implement internal prices for carbon within the next two years. The price will be impacted if regulatory carbon pricing impacts future Rambus operations.
[Add row]

(3.1.2) Provide the amount and proportion of your financial metrics from the reporting year that are vulnerable to the substantive effects of environmental risks.

Climate change

(3.1.2.1) Financial metric

Select from:
☑ Revenue

(3.1.2.2) Amount of financial metric vulnerable to transition risks for this environmental issue (unit currency as selected in 1.2)

350000

(3.1.2.3) % of total financial metric vulnerable to transition risks for this environmental issue

Select from:
☑ Less than 1%

(3.1.2.4) Amount of financial metric vulnerable to physical risks for this environmental issue (unit currency as selected in 1.2)

6000000

(3.1.2.5) % of total financial metric vulnerable to physical risks for this environmental issue

Select from:

☑ 1-10%

(3.1.2.7) Explanation of financial figures

This CSA examined the impacts to Rambus' quarterly and annual revenue performance. Rambus' Risk Management Policy was used to provide guidance on financial impact thresholds. The vulnerability for transitional risks is related to the maximum amount for the risk related to Carbon Pricing. The vulnerability for physical risks is the maximum amount for the risk related to extreme weather events.
[Add row]

(3.3) In the reporting year, was your organization subject to any fines, enforcement orders, and/or other penalties for water-related regulatory violations?

	Water-related regulatory violations	Comment
	Select from: ☑ No	*Rambus' water usage is limited to sanitation and drinking water.*

[Fixed row]

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

Select from:

☑ No, and we do not anticipate being regulated in the next three years

(3.6) Have you identified any environmental opportunities which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future?

Climate change

(3.6.1) Environmental opportunities identified

Select from:

☑ Yes, we have identified opportunities, and some/all are being realized

Water

(3.6.1) Environmental opportunities identified

Select from:

☑ No

(3.6.2) Primary reason why your organization does not consider itself to have environmental opportunities

Select from:

☑ Judged to be unimportant or not relevant

(3.6.3) Please explain

Rambus' water consumption is purely limited to the use of public utility water for sanitary purposes.
[Fixed row]

(3.6.1) Provide details of the environmental opportunities identified which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future.

Climate change

(3.6.1.1) Opportunity identifier

Select from:

☑ Opp1

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Energy source

☑ Use of low-carbon energy sources

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:

☑ Direct operations

(3.6.1.5) Country/area where the opportunity occurs

Select all that apply

☑ India

☑ Canada

☑ France

☑ Finland

☑ Bulgaria

☑ Netherlands

☑ Taiwan, China

☑ United States of America

(3.6.1.8) Organization specific description

The usage of low-carbon energy sources is an opportunity for Rambus to reduce costs. The cost savings results from using low emissions energy sources and reducing reliance on purchasing RECs.

(3.6.1.9) Primary financial effect of the opportunity

Select from:

☑ Reduced indirect (operating) costs

(3.6.1.10) Time horizon over which the opportunity is anticipated to have a substantive effect on the organization

Select all that apply

☑ Short-term

☑ Medium-term

(3.6.1.11) Likelihood of the opportunity having an effect within the anticipated time horizon

Select from:

☑ Likely (66–100%)

(3.6.1.12) Magnitude

Select from:

☑ Medium-low

(3.6.1.14) Anticipated effect of the opportunity on the financial position, financial performance and cash flows of the organization in the selected future time horizons

The usage of low-carbon energy sources is an opportunity for Rambus to reduce costs. The cost savings results from using low emissions energy sources and reducing reliance on purchasing RECs.

(3.6.1.15) Are you able to quantify the financial effects of the opportunity?

Select from:

☑ Yes

(3.6.1.17) Anticipated financial effect figure in the short-term - minimum (currency)

1

(3.6.1.18) Anticipated financial effect figure in the short-term – maximum (currency)

7820

(3.6.1.19) Anticipated financial effect figure in the medium-term - minimum (currency)

1

(3.6.1.20) Anticipated financial effect figure in the medium-term - maximum (currency)

7823

(3.6.1.23) Explanation of financial effect figures

The financial effects of this opportunity are based on the cost savings from not purchasing RECs in our largest consumption locations.

(3.6.1.24) Cost to realize opportunity

4170

(3.6.1.25) Explanation of cost calculation

The cost to realize this opportunity is a minimum amount based on our green energy program at our headquarters location in San Jose.

(3.6.1.26) Strategy to realize opportunity

We continue to pursue green energy through our utility providers and landlords and aim to continue reducing our reliance on RECs to cover our purchased electricity.
[Add row]

(3.6.2) Provide the amount and proportion of your financial metrics in the reporting year that are aligned with the substantive effects of environmental opportunities.

Climate change

(3.6.2.1) Financial metric

Select from:
☑ OPEX

(3.6.2.2) Amount of financial metric aligned with opportunities for this environmental issue (unit currency as selected in 1.2)

840000

(3.6.2.3) % of total financial metric aligned with opportunities for this environmental issue

Select from:

☑ Less than 1%

(3.6.2.4) Explanation of financial figures

The financial figure provided includes the amount associated with energy purchased across Rambus' locations.
[Add row]

C4. Governance

(4.1) Does your organization have a board of directors or an equivalent governing body?

(4.1.1) Board of directors or equivalent governing body

Select from:

☑ Yes

(4.1.2) Frequency with which the board or equivalent meets

Select from:

☑ Quarterly

(4.1.3) Types of directors your board or equivalent is comprised of

Select all that apply

☑ Executive directors or equivalent

☑ Independent non-executive directors or equivalent

(4.1.4) Board diversity and inclusion policy

Select from:

☑ No

[Fixed row]

(4.1.1) Is there board-level oversight of environmental issues within your organization?

	Board-level oversight of this environmental issue
Climate change	*Select from:* ☑ Yes
Water	*Select from:* ☑ Yes
Biodiversity	*Select from:* ☑ Yes

[Fixed row]

(4.1.2) Identify the positions (do not include any names) of the individuals or committees on the board with accountability for environmental issues and provide details of the board's oversight of environmental issues.

Climate change

(4.1.2.1) Positions of individuals or committees with accountability for this environmental issue

Select all that apply

☑ Board-level committee

(4.1.2.2) Positions' accountability for this environmental issue is outlined in policies applicable to the board

Select from:

☑ Yes

(4.1.2.3) Policies which outline the positions' accountability for this environmental issue

Select all that apply

☑ Other policy applicable to the board, please specify :Corporate Governance / Nominating Committee Charter: https://s202.q4cdn.com/680194126/files/doc_downloads/govDocs/2022-02-17-CGNC-Charter.pdf

(4.1.2.4) Frequency with which this environmental issue is a scheduled agenda item

Select from:

☑ Scheduled agenda item in every board meeting (standing agenda item)

(4.1.2.5) Governance mechanisms into which this environmental issue is integrated

Select all that apply

☑ Reviewing and guiding annual budgets

☑ Overseeing the setting of corporate targets

☑ Monitoring progress towards corporate targets

☑ Approving and/or overseeing employee incentives

☑ Overseeing and guiding the development of a business strategy

☑ Reviewing and guiding the assessment process for dependencies, impacts, risks, and opportunities

(4.1.2.7) Please explain

Climate-related issues are a regularly scheduled agenda item at the CGNC meeting at least annually. Rambus's Board of Directors is responsible for overseeing our ESG practices, including climate-related issues. The Board's CGNC reviews our ESG policies, programs, initiatives and progress at least annually and makes recommendations to the full Board of Directors regarding Rambus's ESG policies and practices.

Water

(4.1.2.1) Positions of individuals or committees with accountability for this environmental issue

Select all that apply

☑ Board-level committee

(4.1.2.2) Positions' accountability for this environmental issue is outlined in policies applicable to the board

Select from:

☑ Yes

(4.1.2.3) Policies which outline the positions' accountability for this environmental issue

Select all that apply

☑ Other policy applicable to the board, please specify :Corporate Governance / Nominating Committee Charter: https://s202.q4cdn.com/680194126/files/doc_downloads/govDocs/2022-02-17-CGNC-Charter.pdf

(4.1.2.4) Frequency with which this environmental issue is a scheduled agenda item

Select from:

☑ Scheduled agenda item in every board meeting (standing agenda item)

(4.1.2.5) Governance mechanisms into which this environmental issue is integrated

Select all that apply

☑ Overseeing the setting of corporate targets

☑ Monitoring progress towards corporate targets

☑ Overseeing and guiding the development of a business strategy

☑ Reviewing and guiding annual budgets

(4.1.2.7) Please explain

Climate-related issues are a regularly scheduled agenda item at the CGNC meeting at least annually which include water. Rambus's Board of Directors is responsible for overseeing our ESG practices, including climate-related issues. The Board's CGNC reviews our ESG policies, programs initiatives, and progress at least annually and makes recommendations to the full Board of Directors regarding Rambus's ESG policies and practices.

Biodiversity

(4.1.2.1) Positions of individuals or committees with accountability for this environmental issue

Select all that apply

☑ Board-level committee

(4.1.2.2) Positions’ accountability for this environmental issue is outlined in policies applicable to the board

Select from:

☑ Yes

(4.1.2.3) Policies which outline the positions’ accountability for this environmental issue

Select all that apply

☑ Other policy applicable to the board, please specify :☑ Other policy applicable to the board, please specify: Corporate Governance / Nominating Committee Charter: https://s202.q4cdn.com/680194126/files/doc_downloads/govDocs/2022-02-17-CGNC-Charter.pdf

(4.1.2.4) Frequency with which this environmental issue is a scheduled agenda item

Select from:

☑ Scheduled agenda item in every board meeting (standing agenda item)

(4.1.2.5) Governance mechanisms into which this environmental issue is integrated

Select all that apply

☑ Overseeing the setting of corporate targets

☑ Monitoring progress towards corporate targets

☑ Overseeing and guiding the development of a business strategy

☑ Reviewing and guiding annual budgets

(4.1.2.7) Please explain

Climate-related issues are a regularly scheduled agenda item at the CGNC meeting at least annually which include biodiversity. Rambus's Board of Directors is responsible for overseeing our ESG practices, including climate-related issues. The Board's CGNC reviews our ESG policies, programs initiatives, and progress at least annually and makes recommendations to the full Board of Directors regarding Rambus's ESG policies and practices.
[Fixed row]

(4.2) Does your organization’s board have competency on environmental issues?

Climate change

(4.2.1) Board-level competency on this environmental issue

Select from:

☑ Yes

(4.2.2) Mechanisms to maintain an environmentally competent board

Select all that apply

☑ Consulting regularly with an internal, permanent, subject-expert working group

Water

(4.2.1) Board-level competency on this environmental issue

Select from:

☑ Yes

(4.2.2) Mechanisms to maintain an environmentally competent board

Select all that apply

☑ Consulting regularly with an internal, permanent, subject-expert working group

[Fixed row]

(4.3) Is there management-level responsibility for environmental issues within your organization?

	Management-level responsibility for this environmental issue
Climate change	*Select from:* ☑ Yes

	Management-level responsibility for this environmental issue
Water	*Select from:* ☑ Yes
Biodiversity	*Select from:* ☑ Yes

[Fixed row]

(4.3.1) Provide the highest senior management-level positions or committees with responsibility for environmental issues (do not include the names of individuals).

Climate change

(4.3.1.1) Position of individual or committee with responsibility

Executive level

☑ Chief Executive Officer (CEO)

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

☑ Assessing environmental dependencies, impacts, risks, and opportunities

Policies, commitments, and targets

☑ Measuring progress towards environmental corporate targets

Strategy and financial planning

☑ Implementing the business strategy related to environmental issues

(4.3.1.4) Reporting line

Select from:

☑ Reports to the board directly

(4.3.1.5) Frequency of reporting to the board on environmental issues

Select from:

☑ Annually

(4.3.1.6) Please explain

The CEO and CEO's Direct Staff, along with the Corporate Governance / Nominating Committee, have overall responsibility for Rambus's ESG and CSR programs which include assessing climate-related risks and opportunities and monitoring progress against targets once set. These personnel are responsible for receiving information from the ESG council, integrating relevant information into the strategy and relaying ESG-related information to the Board.

Water

(4.3.1.1) Position of individual or committee with responsibility

Executive level

☑ Chief Executive Officer (CEO)

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

☑ Assessing environmental dependencies, impacts, risks, and opportunities

Policies, commitments, and targets

☑ Measuring progress towards environmental corporate targets

(4.3.1.4) Reporting line

Select from:

☑ Reports to the board directly

(4.3.1.5) Frequency of reporting to the board on environmental issues

Select from:

☑ Annually

(4.3.1.6) Please explain

The CEO and CEO's Direct Staff, along with the Corporate Governance / Nominating Committee, have overall responsibility for Rambus's ESG and CSR programs which include assessing climate-related risks and opportunities including water-related issues and monitoring progress against targets once set. These personnel are responsible for receiving information from the ESG council, integrating relevant information into the strategy and relaying ESG-related information to the Board.

Biodiversity

(4.3.1.1) Position of individual or committee with responsibility

Executive level

☑ Chief Executive Officer (CEO)

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

☑ Assessing environmental dependencies, impacts, risks, and opportunities

Policies, commitments, and targets

☑ Measuring progress towards environmental corporate targets

(4.3.1.4) Reporting line

Select from:

☑ Reports to the board directly

(4.3.1.5) Frequency of reporting to the board on environmental issues

Select from:

☑ Annually

(4.3.1.6) Please explain

The CEO and CEO's Direct Staff, along with the Corporate Governance / Nominating Committee, have overall responsibility for Rambus's ESG and CSR programs which include assessing climate-related risks and opportunities including biodiversity-related issues and monitoring progress against targets once set. These personnel are responsible for receiving information from the ESG council, integrating relevant information into the strategy and relaying ESG-related information to the Board.

Climate change

(4.3.1.1) Position of individual or committee with responsibility

Other

☑ Other, please specify **:**ESG Council

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

☑ Assessing environmental dependencies, impacts, risks, and opportunities

☑ Assessing future trends in environmental dependencies, impacts, risks, and opportunities

☑ Managing environmental dependencies, impacts, risks, and opportunities

Policies, commitments, and targets

☑ Setting corporate environmental policies and/or commitments

☑ Setting corporate environmental targets

Strategy and financial planning

☑ Managing annual budgets related to environmental issues

Other

☑ Providing employee incentives related to environmental performance

(4.3.1.4) Reporting line

Select from:

☑ Reports to the Chief Executive Officer (CEO)

(4.3.1.5) Frequency of reporting to the board on environmental issues

Select from:

☑ Annually

(4.3.1.6) Please explain

The ESG Council consists of the SVP and General Counsel, SVP of Human Resources (HR), SVP of Global Operations, VP Chief of Staff, and a cross-departmental Advisory Council which includes leadership members from Legal, Facilities/Global Operations and Marketing. Members of the ESG Council meet at least twice annually and their responsibilities include reviewing and approving policies, strategies, climate-related targets and funding activities associated with implementing aspects of our ESG and CSR program. The ESG Council is also responsible for monitoring internal and external trends to identify potential risks that could have a material impact on our ESG program.

Water

(4.3.1.1) Position of individual or committee with responsibility

Other

☑ Other, please specify **:**ESG Council

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

☑ Assessing environmental dependencies, impacts, risks, and opportunities

☑ Assessing future trends in environmental dependencies, impacts, risks, and opportunities

☑ Managing environmental dependencies, impacts, risks, and opportunities

Policies, commitments, and targets

☑ Setting corporate environmental policies and/or commitments

☑ Setting corporate environmental targets

Strategy and financial planning

☑ Managing annual budgets related to environmental issues

Other

☑ Providing employee incentives related to environmental performance

(4.3.1.4) Reporting line

Select from:

☑ Reports to the Chief Executive Officer (CEO)

(4.3.1.5) Frequency of reporting to the board on environmental issues

Select from:

☑ Annually

(4.3.1.6) Please explain

The ESG Council consists of the SVP and General Counsel, SVP of Human Resources (HR), SVP of Global Operations, VP Chief of Staff, and a cross-departmental Advisory Council which includes leadership members from Legal, Facilities/Global Operations and Marketing. Members of the ESG Council meet at least twice annually and their responsibilities include reviewing and approving policies, strategies, climate-related targets and funding activities associated with implementing aspects of our ESG and CSR program which include water-related activities. The ESG Council is also responsible for monitoring internal and external trends to identify potential risks that could have a material impact on our ESG program.

Biodiversity

(4.3.1.1) Position of individual or committee with responsibility

Other

☑ Other, please specify :ESG Council

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

☑ Assessing environmental dependencies, impacts, risks, and opportunities

☑ Assessing future trends in environmental dependencies, impacts, risks, and opportunities

☑ Managing environmental dependencies, impacts, risks, and opportunities

Policies, commitments, and targets

☑ Setting corporate environmental policies and/or commitments

☑ Setting corporate environmental targets

Strategy and financial planning

☑ Managing annual budgets related to environmental issues

Other

☑ Providing employee incentives related to environmental performance

(4.3.1.4) Reporting line

Select from:

☑ Reports to the Chief Executive Officer (CEO)

(4.3.1.5) Frequency of reporting to the board on environmental issues

Select from:

☑ Annually

(4.3.1.6) Please explain

The ESG Council consists of the SVP and General Counsel, SVP of Human Resources (HR), SVP of Global Operations, VP Chief of Staff, and a cross-departmental Advisory Council which includes leadership members from Legal, Facilities/Global Operations and Marketing. Members of the ESG Council meet at least twice annually and their responsibilities include reviewing and approving policies, strategies, climate-related targets and funding activities associated with implementing aspects of our ESG and CSR program which include biodiversity-related activities. The ESG Council is also responsible for monitoring internal and external trends to identify potential risks that could have a material impact on our ESG program.

Climate change

(4.3.1.1) Position of individual or committee with responsibility

Other

☑ Other, please specify **:**CSR/ESG Operational Working Group – Referred within Rambus as CSR/ESG Committee

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

☑ Assessing environmental dependencies, impacts, risks, and opportunities

☑ Managing environmental dependencies, impacts, risks, and opportunities

Policies, commitments, and targets

☑ Measuring progress towards environmental corporate targets

Other

☑ Other, please specify **:**Establishing, managing, and implementing programs based on the Rambus ESG Management System Framework

(4.3.1.4) Reporting line

Select from:

☑ Other, please specify **:**ESG Council

(4.3.1.5) Frequency of reporting to the board on environmental issues

Select from:

☑ Annually

(4.3.1.6) Please explain

The CSR/ESG Committee consists of members from the Legal, Facilities/Global Operations, Marketing, HR and Supply Chain departments. This committee manages and implements the ESG/CSR programs, policies and initiatives, including those related to climate change. This group meets at least twice annually to provide accurate, cogent and concise reporting on our activities. This committee reports to the ESG Council.

Water

(4.3.1.1) Position of individual or committee with responsibility

Other

☑ Other, please specify **:**CSR/ESG Operational Working Group – Referred within Rambus as CSR/ESG Committee

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

☑ Assessing environmental dependencies, impacts, risks, and opportunities

☑ Managing environmental dependencies, impacts, risks, and opportunities

Policies, commitments, and targets

☑ Measuring progress towards environmental corporate targets

Other

☑ Other, please specify **:**Establishing, managing, and implementing programs based on the Rambus ESG Management System Framework

(4.3.1.4) Reporting line

Select from:

☑ Other, please specify **:**ESG Council

(4.3.1.5) Frequency of reporting to the board on environmental issues

Select from:

☑ Annually

(4.3.1.6) Please explain

The CSR/ESG Committee consists of members from the Legal, Facilities/Global Operations, Marketing, HR and Supply Chain departments. This committee manages and implements the ESG/CSR programs, policies and initiatives, including those related to water. This group meets at least twice annually to provide accurate, cogent and concise reporting on our activities. This committee reports to the ESG Council.

Biodiversity

(4.3.1.1) Position of individual or committee with responsibility

Other

☑ Other, please specify **:**CSR/ESG Operational Working Group – Referred within Rambus as CSR/ESG Committee

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

☑ Assessing environmental dependencies, impacts, risks, and opportunities

☑ Managing environmental dependencies, impacts, risks, and opportunities

Policies, commitments, and targets

☑ Measuring progress towards environmental corporate targets

Other

☑ Other, please specify **:**Establishing, managing, and implementing programs based on the Rambus ESG Management System Framework

(4.3.1.4) Reporting line

Select from:

☑ Other, please specify :ESG Council

(4.3.1.5) Frequency of reporting to the board on environmental issues

Select from:

☑ Annually

(4.3.1.6) Please explain

The CSR/ESG Committee consists of members from the Legal, Facilities/Global Operations, Marketing, HR and Supply Chain departments. This committee manages and implements the ESG/CSR programs, policies and initiatives, including those related to biodiversity. This group meets at least twice annually to provide accurate, cogent and concise reporting on our activities. This committee reports to the ESG Council.
[Add row]

(4.5) Do you provide monetary incentives for the management of environmental issues, including the attainment of targets?

Climate change

(4.5.1) Provision of monetary incentives related to this environmental issue

Select from:

☑ No, but we plan to introduce them in the next two years

(4.5.3) Please explain

We are in the process of setting carbon emissions targets this year and will begin evaluating options to introduce incentives for the management of climate-related issues, including the attainment of targets.

Water

(4.5.1) Provision of monetary incentives related to this environmental issue

Select from:

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

(4.5.3) Please explain

Not applicable for water-specific issues as water consumption is purely limited to the use of public utility water for sanitary purposes.
[Fixed row]

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

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

[Fixed row]

(4.6.1) Provide details of your environmental policies.

Row 1

(4.6.1.1) Environmental issues covered

Select all that apply
☑ Climate change
☑ Water

(4.6.1.2) Level of coverage

Select from:
☑ Organization-wide

(4.6.1.3) Value chain stages covered

Select all that apply

☑ Direct operations

☑ Upstream value chain

☑ Downstream value chain

(4.6.1.4) Explain the coverage

The Rambus Environmental, Health and Safety Policy covers environmental issues from a life cycle perspective, in our product design and development, operations, and supply chain. The policy also covers engagement with suppliers to advance sustainability efforts, which include the principles outlined in the Responsible Business Alliance (RBA) Code of Conduct.

(4.6.1.5) Environmental policy content

Environmental commitments

☑ Commitment to comply with regulations and mandatory standards

☑ Commitment to take environmental action beyond regulatory compliance

☑ Commitment to stakeholder engagement and capacity building on environmental issues

Water-specific commitments

☑ Commitment to reduce water withdrawal volumes

Social commitments

☑ Adoption of the UN International Labour Organization principles

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

Select all that apply

☑ No, but we plan to align in the next two years

(4.6.1.7) Public availability

Select from:

☑ Publicly available

(4.6.1.8) Attach the policy

Rambus-Environmental-Health-and-Safety-Policy.pdf

Row 2

(4.6.1.1) Environmental issues covered

Select all that apply

☑ Climate change

☑ Water

(4.6.1.2) Level of coverage

Select from:

☑ Organization-wide

(4.6.1.3) Value chain stages covered

Select all that apply

☑ Direct operations

☑ Upstream value chain

(4.6.1.4) Explain the coverage

Rambus has an Environmental and Climate Change Statement that further details our approach and implementation of our environmental and climate change beliefs and goals.

(4.6.1.5) Environmental policy content

Environmental commitments

☑ Commitment to comply with regulations and mandatory standards

☑ Commitment to take environmental action beyond regulatory compliance
☑ Commitment to stakeholder engagement and capacity building on environmental issues

Social commitments
☑ Other social commitment, please specify **:**Responsible Business Alliance

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

Select all that apply
☑ No, but we plan to align in the next two years

(4.6.1.7) Public availability

Select from:
☑ Publicly available

(4.6.1.8) Attach the policy

Rambus-Environmental-and-Climate-Change-Statement.pdf
[Add row]

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

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

Select from:
☑ Yes

(4.10.2) Collaborative framework or initiative

Select all that apply
☑ Task Force on Climate-related Financial Disclosures (TCFD)
☑ Other, please specify **:**Responsible Business Alliance (RBA)

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

As a member of the Responsible Business Alliance (RBA), we have adopted the RBA Code of Conduct and relied on it to create the Rambus Vendor Code of Conduct. We utilize this relationship to drive our energy use and water and waste management. Rambus is committed to managing and reporting on our climate-related financial risks. As such, we are sharing our progress on these commitments in our fourth disclosure to the Task Force on Climate-related Financial Disclosures (TCFD). While we recognize that the International Sustainability Standards Board (ISSB) IFRS S1 and IFRS S2 standards now fully encompass the recommendations of the TCFD, we will continue to issue a TCFD index until such time as we transition to using the ISSB sustainability disclosure standards. [Fixed row]

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

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

Select all that apply

☑ No, we have assessed our activities, and none could directly or indirectly influence policy, law, or regulation that may impact the environment

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

Select from:

☑ No, but we plan to have one in the next two years

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

Select from:

☑ No

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

We do not directly engage on policy issues related to climate change. We engage with several trade associations and have regular conversations with our industry group to ensure our positions are aligned.

(4.11.9) Primary reason for not engaging in activities that could directly or indirectly influence policy, law, or regulation that may impact the environment

Select from:

☑ Not an immediate strategic priority

(4.11.10) Explain why your organization does not engage in activities that could directly or indirectly influence policy, law, or regulation that may impact the environment

At this moment, none of the trade associations that we engage with have activities that could directly or indirectly influence policy, law, or regulation that may impact the climate.
[Fixed row]

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

Select from:

☑ Yes

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

Row 1

(4.12.1.1) Publication

Select from:

☑ In voluntary sustainability reports

(4.12.1.3) Environmental issues covered in publication

Select all that apply

☑ Climate change

☑ Water

☑ Biodiversity

(4.12.1.4) Status of the publication

Select from:

☑ Underway - previous year attached

(4.12.1.5) Content elements

Select all that apply

☑ Governance

(4.12.1.6) Page/section reference

20-23

(4.12.1.7) Attach the relevant publication

2021-Rambus-ESG-Report.pdf

(4.12.1.8) Comment

Our previous ESG report included our approach to water, climate change, biodiversity and other operational environmental responses. Our upcoming ESG report will also disclose on these times as well.
[Add row]

C5. Business strategy

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

Climate change

(5.1.1) Use of scenario analysis

Select from:

☑ Yes

(5.1.2) Frequency of analysis

Select from:

☑ First time carrying out analysis

Water

(5.1.1) Use of scenario analysis

Select from:

☑ No, and we do not plan to within the next two years

(5.1.3) Primary reason why your organization has not used scenario analysis

Select from:

☑ Not an immediate strategic priority

(5.1.4) Explain why your organization has not used scenario analysis

Rambus does not have manufacturing operations, so water is not a high risk to Rambus business operations.
[Fixed row]

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

Climate change

(5.1.1.1) Scenario used

Physical climate scenarios

☑ RCP 4.5

(5.1.1.2) Scenario used SSPs used in conjunction with scenario

Select from:

☑ SSP2

(5.1.1.3) Approach to scenario

Select from:

☑ Qualitative and quantitative

(5.1.1.4) Scenario coverage

Select from:

☑ Organization-wide

(5.1.1.5) Risk types considered in scenario

Select all that apply

☑ Acute physical

☑ Policy

☑ Technology

(5.1.1.6) Temperature alignment of scenario

Select from:

☑ 1.5°C or lower

(5.1.1.7) Reference year

2023

(5.1.1.8) Timeframes covered

Select all that apply

☑ 2025

(5.1.1.9) Driving forces in scenario

Local ecosystem asset interactions, dependencies and impacts

☑ Changes to the state of nature

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

Regulators, legal and policy regimes

☑ Global regulation

☑ Methodologies and expectations for science-based targets

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

It was assumed that the effect of the drivers on both short and medium time horizons would result in similar impacts. Additionally, the scenario analysis was focused on identifying risks that resulted in revenue impacts.

(5.1.1.11) Rationale for choice of scenario

Our CSA considered two scenario pathways at opposing ends of the spectrum (i.e., a best-case and a worst-case scenario) to provide a range of plausible futures for consideration.

Climate change

(5.1.1.1) Scenario used

Physical climate scenarios

☑ RCP 8.5

(5.1.1.2) Scenario used SSPs used in conjunction with scenario

Select from:

☑ SSP5

(5.1.1.3) Approach to scenario

Select from:

☑ Qualitative and quantitative

(5.1.1.4) Scenario coverage

Select from:

☑ Organization-wide

(5.1.1.5) Risk types considered in scenario

Select all that apply

☑ Acute physical

☑ Policy

☑ Technology

(5.1.1.6) Temperature alignment of scenario

Select from:

☑ 1.6ºC - 1.9ºC

(5.1.1.7) Reference year

2023

(5.1.1.8) Timeframes covered

Select all that apply

☑ 2025

(5.1.1.9) Driving forces in scenario

Local ecosystem asset interactions, dependencies and impacts

☑ Changes to the state of nature

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

Regulators, legal and policy regimes

☑ Global regulation

☑ Methodologies and expectations for science-based targets

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

It was assumed that the effect of the drivers on both short and medium time horizons would result in similar impacts. Additionally, the scenario analysis was focused on identifying risks that resulted in revenue impacts.

(5.1.1.11) Rationale for choice of scenario

Our CSA considered two scenario pathways at opposing ends of the spectrum (i.e., a best-case and a worst-case scenario) to provide a range of plausible futures for consideration.
[Add row]

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

Climate change

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

Select all that apply

☑ Strategy and financial planning

(5.1.2.2) Coverage of analysis

Select from:

☑ Organization-wide

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

Rambus will assess the resilience of our strategy based on the results of our CSA.
[Fixed row]

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

(5.2.1) Transition plan

Select from:

☑ No, but we are developing a climate transition plan within the next two years

(5.2.15) Primary reason for not having a climate transition plan that aligns with a 1.5°C world

Select from:

☑ Not an immediate strategic priority

(5.2.16) Explain why your organization does not have a climate transition plan that aligns with a 1.5°C world

Although our strategy is influenced by climate-related risks and opportunities, we do not currently have a transition plan that aligns with a 1.5C world. Rambus’ priority was focused on conducting our first climate scenario analysis and setting targets regarding our climate impact. Now we aim to develop a transition plan within the next two years.
[Fixed row]

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

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

Select from:

☑ Yes, both strategy and financial planning

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

Select all that apply

☑ Products and services

☑ Upstream/downstream value chain

☑ Investment in R&D

☑ Operations

[Fixed row]

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

Products and services

(5.3.1.1) Effect type

Select all that apply

☑ Risks

☑ Opportunities

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

Select all that apply

☑ Climate change

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

Climate-related risks and opportunities influence our products and services strategy. We continue to invest in cutting-edge technology to decrease energy use and maximize performance of our products. In 2021, Rambus completed a detailed management systems framework related to product stewardship based on the principles of ISO 9001 for quality management systems and ISO 14001, 14006 and 14062 for environmental management systems. These frameworks outline the importance of implementing an eco-design policy in our product stewardship process thereby reducing adverse environmental impacts throughout the life cycle of our products. Our product design and development process helps us evaluate environmental targets and specifications at each stage. As we move forward with our product stewardship plans, we look forward to setting targets to achieve energy efficiency gains in our products. Considering the performance of our products in terms of performance per watt of energy, energy efficiency improvement, and ultimately total cost of ownership will meaningfully contribute to Rambus' goals in reducing GHG emissions in our supply chain and acting as strong stewards for the environment in our product development and production.

Upstream/downstream value chain

(5.3.1.1) Effect type

Select all that apply

☑ Risks

☑ Opportunities

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

Select all that apply

☑ Climate change

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

Climate-related risks and opportunities have influenced our strategy related to supply chain. Rambus actively worked to formalize our sustainable procurement policies and model of excellence for the future at Rambus. In September 2020, we adopted our first Vendor Code of Conduct, based on the Responsible Business Alliance (RBA) Code of Conduct, which is in turn informed by the Universal Declaration of Human Rights. This Code of Conduct establishes standards to ensure that working conditions in the electronics industry and its supply chains are safe, that workers are treated with respect and dignity, and that business operations are environmentally responsible and conducted ethically. Rambus expects our vendors to comply with the RBA code and with the Rambus Code of Business Conduct and Ethics, as well as all national and local laws and regulations. In 2022, we also implemented a performance measurement system for suppliers that enables a baseline measurement associated with key sustainability goals and performance indicators. We onboarded our top direct suppliers to the CDP supplier platform and will begin to collect more detailed, granular data from these suppliers. On an annual basis, we will monitor, assess and provide continuous improvement mechanisms and take corrective actions with suppliers. This process will also assist in the selection of new suppliers and actively communicate the results of annual assessments to decision makers and internal stakeholders. We will benchmark our work in this area against leaders in our field using RBA's standards for excellence.

Investment in R&D

(5.3.1.1) Effect type

Select all that apply

☑ Opportunities

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

Select all that apply

☑ Climate change

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

We know climate change is a serious environmental, social, and economic threat. All sectors of society must take immediate and collaborative action to protect the future of our planet. At Rambus, we are addressing climate change directly, minimizing our environmental footprint to contribute to a healthier world. Our commitment to innovation and invention in our business extends directly to the way we view environmental excellence at Rambus. We are actively seeking out technology innovation opportunities to ensure our manufacturing processes, materials sourcing, and technological advances are environmentally friendly.

Operations

(5.3.1.1) Effect type

Select all that apply

☑ Risks

☑ Opportunities

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

Select all that apply

☑ Climate change

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

Climate-related risks and opportunities have influenced our operations and how we are approaching mitigating our impact on the climate. We have developed a four-pillar strategy to reduce the environmental footprint of our operations - Prevention of Pollution, Sustainable Resource Use, Climate Change Mitigation and Adaption and Protection of the Environment, Biodiversity and Restoration of Natural Habitats. Through these four pillars, we rolled out programs and management systems to

measure, record and report data related to water consumption, waste emissions, packaging materials and energy consumption and GHG emissions in our operations, and implemented strategies and initiatives such as the LEED certification in our headquarter building in San Jose. 100% of our electricity is covered by renewable energy through green energy programs and Renewable Energy Credit (REC) purchases.
[Add row]

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

Row 1

(5.3.2.1) Financial planning elements that have been affected

Select all that apply
☑ Indirect costs
☑ Capital expenditures

(5.3.2.2) Effect type

Select all that apply
☑ Risks
☑ Opportunities

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

Select all that apply
☑ Climate change

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

Our financial planning processes account for initiatives and strategies related to managing climate risks and mitigating climate impacts and depending on the specific initiative or strategy, the element of financial planning influence would be indirect costs or capital, or both. For example, our indirect operating cost, specifically our spend on energy have been influenced because we have negotiated contracts with our landlords in San Jose, India and France to move to 100% renewable energy. Additionally, our capital expenditures have also been influenced. We have a dedicated capital budget to implement energy efficiency and other sustainability initiatives in our facilities in an effort to mitigate our emissions.

[Add row]

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

	Identification of spending/revenue that is aligned with your organization's climate transition
	Select from: ☑ No, but we plan to in the next two years

[Fixed row]

(5.9) What is the trend in your organization's water-related capital expenditure (CAPEX) and operating expenditure (OPEX) for the reporting year, and the anticipated trend for the next reporting year?

(5.9.1) Water-related CAPEX (+/- % change)

0

(5.9.2) Anticipated forward trend for CAPEX (+/- % change)

0

(5.9.3) Water-related OPEX (+/- % change)

0

(5.9.4) Anticipated forward trend for OPEX (+/- % change)

0

(5.9.5) Please explain

Rambus's primary use of water for direct operations include employee use for sanitation and hygiene. There are no anticipated investments into water-related initiatives as Rambus does not have direct control over water systems at leased facilities.
[Fixed row]

(5.10) Does your organization use an internal price on environmental externalities?

(5.10.1) Use of internal pricing of environmental externalities

Select from:
☑ No, but we plan to in the next two years

(5.10.3) Primary reason for not pricing environmental externalities

Select from:
☑ Not an immediate strategic priority

(5.10.4) Explain why your organization does not price environmental externalities

Rambus does not yet price environmental externalities. However, with the completion of its first Climate Scenario Analysis in 2024, it will be positioned to price externalities related to the most relevant business risks in the future.
[Fixed row]

(5.11) Do you engage with your value chain on environmental issues?

Suppliers

(5.11.1) Engaging with this stakeholder on environmental issues

Select from:
☑ Yes

(5.11.2) Environmental issues covered

Select all that apply

☑ Climate change

☑ Water

☑ Plastics

Customers

(5.11.1) Engaging with this stakeholder on environmental issues

Select from:

☑ Yes

(5.11.2) Environmental issues covered

Select all that apply

☑ Climate change

☑ Water

Investors and shareholders

(5.11.1) Engaging with this stakeholder on environmental issues

Select from:

☑ Yes

(5.11.2) Environmental issues covered

Select all that apply

☑ Climate change

☑ Water

Other value chain stakeholders

(5.11.1) Engaging with this stakeholder on environmental issues

Select from:

☑ No, and we do not plan to within the next two years

(5.11.3) Primary reason for not engaging with this stakeholder on environmental issues

Select from:

☑ Not an immediate strategic priority

(5.11.4) Explain why you do not engage with this stakeholder on environmental issues

Most relevant stakeholders are covered by customers, suppliers, and investors and shareholders. There may be other stakeholders identified in the future, however, Rambus believes the most critical stakeholders are currently engaged.
[Fixed row]

(5.11.1) Does your organization assess and classify suppliers according to their dependencies and/or impacts on the environment?

Climate change

(5.11.1.1) Assessment of supplier dependencies and/or impacts on the environment

Select from:

☑ Yes, we assess the dependencies and/or impacts of our suppliers

(5.11.1.2) Criteria for assessing supplier dependencies and/or impacts on the environment

Select all that apply

☑ Contribution to supplier-related Scope 3 emissions

(5.11.1.3) % Tier 1 suppliers assessed

Select from:

☑ 100%

(5.11.1.4) Define a threshold for classifying suppliers as having substantive dependencies and/or impacts on the environment

Ramus assesses suppliers' scope 3 emissions based on our suppliers by largest spend.

(5.11.1.5) % Tier 1 suppliers meeting the thresholds for substantive dependencies and/or impacts on the environment

Select from:
☑ 76-99%

(5.11.1.6) Number of Tier 1 suppliers meeting the thresholds for substantive dependencies and/or impacts on the environment

5

Water

(5.11.1.1) Assessment of supplier dependencies and/or impacts on the environment

Select from:
☑ Yes, we assess the dependencies and/or impacts of our suppliers

(5.11.1.2) Criteria for assessing supplier dependencies and/or impacts on the environment

Select all that apply
☑ Dependence on water

(5.11.1.3) % Tier 1 suppliers assessed

Select from:
☑ 100%

(5.11.1.4) Define a threshold for classifying suppliers as having substantive dependencies and/or impacts on the environment

Rambus monitors its contract manufacturing suppliers on a quarterly basis for water efficiency and water dependence. Our contract manufacturing suppliers represent a significant portion of our manufacturing expenses.

(5.11.1.5) % Tier 1 suppliers meeting the thresholds for substantive dependencies and/or impacts on the environment

Select from:

☑ 76-99%

(5.11.1.6) Number of Tier 1 suppliers meeting the thresholds for substantive dependencies and/or impacts on the environment

5

Plastics

(5.11.1.1) Assessment of supplier dependencies and/or impacts on the environment

Select from:

☑ No, we do not currently assess the dependencies and/or impacts of our suppliers, but we plan to do so within the next two years

[Fixed row]

(5.11.2) Does your organization prioritize which suppliers to engage with on environmental issues?

Climate change

(5.11.2.1) Supplier engagement prioritization on this environmental issue

Select from:

☑ Yes, we prioritize which suppliers to engage with on this environmental issue

(5.11.2.2) Criteria informing which suppliers are prioritized for engagement on this environmental issue

Select all that apply

☑ Procurement spend

☑ Regulatory compliance

(5.11.2.4) Please explain

Rambus engages with all of the suppliers that make up 99% of procurement spend as part of the Responsible Business Alliance (RBA) criteria. This ensures that Rambus suppliers are top performers according to issues such as climate change, water, plastic, and labor rights.

Water

(5.11.2.1) Supplier engagement prioritization on this environmental issue

Select from:

☑ Yes, we prioritize which suppliers to engage with on this environmental issue

(5.11.2.2) Criteria informing which suppliers are prioritized for engagement on this environmental issue

Select all that apply

☑ Procurement spend

☑ Regulatory compliance

(5.11.2.4) Please explain

Rambus engages with all of the suppliers that make up 99% of procurement spend as part of the Responsible Business Alliance (RBA) criteria. This ensures that Rambus suppliers are top performers according to issues such as climate change, water, plastic, and labor rights.

Plastics

(5.11.2.1) Supplier engagement prioritization on this environmental issue

Select from:

☑ Yes, we prioritize which suppliers to engage with on this environmental issue

(5.11.2.2) Criteria informing which suppliers are prioritized for engagement on this environmental issue

Select all that apply

☑ Procurement spend

☑ Regulatory compliance

(5.11.2.4) Please explain

Rambus engages with all of the suppliers that make up 99% of procurement spend as part of the Responsible Business Alliance (RBA) criteria. This ensures that Rambus suppliers are top performers according to issues such as climate change, water, plastic, and labor rights.
[Fixed row]

(5.11.5) Do your suppliers have to meet environmental requirements as part of your organization's purchasing process?

Climate change

(5.11.5.1) Suppliers have to meet specific environmental requirements related to this environmental issue as part of the purchasing process

Select from:

☑ Yes, environmental requirements related to this environmental issue are included in our supplier contracts

(5.11.5.2) Policy in place for addressing supplier non-compliance

Select from:

☑ Yes, we have a policy in place for addressing non-compliance

(5.11.5.3) Comment

Suppliers are required to meet the Responsible Business Alliance (RBA) Code of Conduct for our worldwide operations and Rambus' Vendor Code of Conduct based on the RBA Code of Conduct that applies to all key suppliers. Adherence to the RBA is included within contracts with suppliers.

Water

(5.11.5.1) Suppliers have to meet specific environmental requirements related to this environmental issue as part of the purchasing process

Select from:

☑ Yes, environmental requirements related to this environmental issue are included in our supplier contracts

(5.11.5.2) Policy in place for addressing supplier non-compliance

Select from:

☑ Yes, we have a policy in place for addressing non-compliance

(5.11.5.3) Comment

Suppliers are required to meet the Responsible Business Alliance (RBA) Code of Conduct for our worldwide operations and Rambus' Vendor Code of Conduct based on the RBA Code of Conduct that applies to all key suppliers. Adherence to the RBA is included within contracts with suppliers.
[Fixed row]

(5.11.6) Provide details of the environmental requirements that suppliers have to meet as part of your organization's purchasing process, and the compliance measures in place.

Climate change

(5.11.6.1) Environmental requirement

Select from:

☑ Adoption of the UN International Labour Organization Principles

(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

Select all that apply

☑ Off-site third-party audit

☑ On-site third-party audit

☑ Supplier self-assessment

(5.11.6.3) % tier 1 suppliers by procurement spend required to comply with this environmental requirement

Select from:

☑ 76-99%

(5.11.6.4) % tier 1 suppliers by procurement spend in compliance with this environmental requirement

Select from:

☑ 76-99%

(5.11.6.7) % tier 1 supplier-related scope 3 emissions attributable to the suppliers required to comply with this environmental requirement

Select from:

☑ None

(5.11.6.8) % tier 1 supplier-related scope 3 emissions attributable to the suppliers in compliance with this environmental requirement

Select from:

☑ 100%

(5.11.6.9) Response to supplier non-compliance with this environmental requirement

Select from:

☑ Retain and engage

(5.11.6.10) % of non-compliant suppliers engaged

Select from:

☑ None

(5.11.6.11) Procedures to engage non-compliant suppliers

Select all that apply

☑ Providing information on appropriate actions that can be taken to address non-compliance

(5.11.6.12) Comment

Adoption of UN Labor Rights does not impact the scope 3 emissions attributable to tier 1 suppliers, however, they are all in compliance.

Water

(5.11.6.1) Environmental requirement

Select from:

☑ Total water withdrawal volumes reduction

(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

Select all that apply

☑ Off-site third-party audit

☑ On-site third-party audit

☑ Supplier self-assessment

(5.11.6.3) % tier 1 suppliers by procurement spend required to comply with this environmental requirement

Select from:

☑ 76-99%

(5.11.6.4) % tier 1 suppliers by procurement spend in compliance with this environmental requirement

Select from:

☑ 76-99%

(5.11.6.5) % tier 1 suppliers with substantive environmental dependencies and/or impacts related to this environmental issue required to comply with this environmental requirement

Select from:
☑ 100%

(5.11.6.6) % tier 1 suppliers with substantive environmental dependencies and/or impacts related to this environmental issue that are in compliance with this environmental requirement

Select from:
☑ 100%

(5.11.6.9) Response to supplier non-compliance with this environmental requirement

Select from:
☑ Retain and engage

(5.11.6.10) % of non-compliant suppliers engaged

Select from:
☑ None

(5.11.6.11) Procedures to engage non-compliant suppliers

Select all that apply
☑ Providing information on appropriate actions that can be taken to address non-compliance

(5.11.6.12) Comment

Water usage does not impact the scope 3 emissions attributable to tier 1 suppliers.

Climate change

(5.11.6.1) Environmental requirement

Select from:
☑ Environmental disclosure through a public platform

(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

Select all that apply

☑ Off-site third-party audit

☑ On-site third-party audit

☑ Supplier self-assessment

(5.11.6.3) % tier 1 suppliers by procurement spend required to comply with this environmental requirement

Select from:

☑ 76-99%

(5.11.6.4) % tier 1 suppliers by procurement spend in compliance with this environmental requirement

Select from:

☑ 76-99%

(5.11.6.7) % tier 1 supplier-related scope 3 emissions attributable to the suppliers required to comply with this environmental requirement

Select from:

☑ 100%

(5.11.6.8) % tier 1 supplier-related scope 3 emissions attributable to the suppliers in compliance with this environmental requirement

Select from:

☑ 100%

(5.11.6.9) Response to supplier non-compliance with this environmental requirement

Select from:

☑ Retain and engage

(5.11.6.10) % of non-compliant suppliers engaged

Select from:

☑ None

(5.11.6.11) Procedures to engage non-compliant suppliers

Select all that apply

☑ Providing information on appropriate actions that can be taken to address non-compliance

(5.11.6.12) Comment

We require suppliers to submit GHG emissions through the public-facing CDP portal.

Climate change

(5.11.6.1) Environmental requirement

Select from:

☑ Disclosure of GHG emissions to your organization (Scope 1, 2 and 3)

(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

Select all that apply

☑ Off-site third-party audit

☑ On-site third-party audit

☑ Supplier self-assessment

(5.11.6.3) % tier 1 suppliers by procurement spend required to comply with this environmental requirement

Select from:

☑ 76-99%

(5.11.6.4) % tier 1 suppliers by procurement spend in compliance with this environmental requirement

Select from:
☑ 76-99%

(5.11.6.7) % tier 1 supplier-related scope 3 emissions attributable to the suppliers required to comply with this environmental requirement

Select from:
☑ 100%

(5.11.6.8) % tier 1 supplier-related scope 3 emissions attributable to the suppliers in compliance with this environmental requirement

Select from:
☑ 100%

(5.11.6.9) Response to supplier non-compliance with this environmental requirement

Select from:
☑ Retain and engage

(5.11.6.10) % of non-compliant suppliers engaged

Select from:
☑ None

(5.11.6.11) Procedures to engage non-compliant suppliers

Select all that apply
☑ Providing information on appropriate actions that can be taken to address non-compliance

(5.11.6.12) Comment

We require suppliers to provide Rambus their GHG emissions to include in Rambus' scope 3 emission calculation.

Water

(5.11.6.1) Environmental requirement

Select from:

☑ Environmental disclosure through a public platform

(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

Select all that apply

☑ Off-site third-party audit

☑ On-site third-party audit

☑ Supplier self-assessment

(5.11.6.3) % tier 1 suppliers by procurement spend required to comply with this environmental requirement

Select from:

☑ 76-99%

(5.11.6.4) % tier 1 suppliers by procurement spend in compliance with this environmental requirement

Select from:

☑ 76-99%

(5.11.6.5) % tier 1 suppliers with substantive environmental dependencies and/or impacts related to this environmental issue required to comply with this environmental requirement

Select from:

☑ 100%

(5.11.6.6) % tier 1 suppliers with substantive environmental dependencies and/or impacts related to this environmental issue that are in compliance with this environmental requirement

Select from:

☑ 100%

(5.11.6.9) Response to supplier non-compliance with this environmental requirement

Select from:
☑ Retain and engage

(5.11.6.10) % of non-compliant suppliers engaged

Select from:
☑ None

(5.11.6.11) Procedures to engage non-compliant suppliers

Select all that apply
☑ Providing information on appropriate actions that can be taken to address non-compliance

(5.11.6.12) Comment

Water disclosure does not impact the scope 3 emissions attributable to tier 1 suppliers.
[Add row]

(5.11.7) Provide further details of your organization's supplier engagement on environmental issues.

Climate change

(5.11.7.2) Action driven by supplier engagement

Select from:
☑ Emissions reduction

(5.11.7.3) Type and details of engagement

Capacity building

☑ Support suppliers to set their own environmental commitments across their operations

Information collection

☑ Collect GHG emissions data at least annually from suppliers

(5.11.7.4) Upstream value chain coverage

Select all that apply

☑ Tier 1 suppliers

(5.11.7.5) % of tier 1 suppliers by procurement spend covered by engagement

Select from:

☑ 76-99%

(5.11.7.6) % of tier 1 supplier-related scope 3 emissions covered by engagement

Select from:

☑ 26-50%

(5.11.7.9) Describe the engagement and explain the effect of your engagement on the selected environmental action

Rambus requests GHG data through both CDP and directly from suppliers that fall within our top spend. By obtaining supplier-specific data for our largest spend suppliers, we are able to more accurately calculate our own Scope 3 emissions.

(5.11.7.10) Engagement is helping your tier 1 suppliers meet an environmental requirement related to this environmental issue

Select from:

☑ Yes, please specify the environmental requirement **:**Disclosure of GHG emissions

(5.11.7.11) Engagement is helping your tier 1 suppliers engage with their own suppliers on the selected action

Select from:

☑ Yes

Water

(5.11.7.2) Action driven by supplier engagement

Select from:

☑ Total water withdrawal volumes reduction

(5.11.7.3) Type and details of engagement

Information collection

☑ Collect water quantity information at least annually from suppliers (e.g., withdrawal and discharge volumes)

(5.11.7.4) Upstream value chain coverage

Select all that apply

☑ Tier 1 suppliers

(5.11.7.5) % of tier 1 suppliers by procurement spend covered by engagement

Select from:

☑ 76-99%

(5.11.7.7) % tier 1 suppliers with substantive impacts and/or dependencies related to this environmental issue covered by engagement

Select from:

☑ 26-50%

(5.11.7.9) Describe the engagement and explain the effect of your engagement on the selected environmental action

Rambus requests water data through both CDP and directly from suppliers that fall within our top spend. Rambus' direct water usage is limited to hygiene and sanitation. By obtaining supplier-specific data for our largest spend suppliers, we are able to understand where dependencies are in our supply chain and inform our supplier strategy.

(5.11.7.10) Engagement is helping your tier 1 suppliers meet an environmental requirement related to this environmental issue

Select from:

☑ Yes, please specify the environmental requirement **:**Water disclosure and reductions

(5.11.7.11) Engagement is helping your tier 1 suppliers engage with their own suppliers on the selected action

Select from:

☑ Yes

Plastics

(5.11.7.2) Action driven by supplier engagement

Select from:

☑ Other, please specify **:**Materials usage reduction.

(5.11.7.3) Type and details of engagement

Information collection

☑ Other information collection activity, please specify **:**Collect materials usage information at least annually from suppliers.

(5.11.7.4) Upstream value chain coverage

Select all that apply

☑ Tier 1 suppliers

(5.11.7.5) % of tier 1 suppliers by procurement spend covered by engagement

Select from:
☑ 76-99%

(5.11.7.9) Describe the engagement and explain the effect of your engagement on the selected environmental action

Rambus engages its suppliers to collect information related to packaging and materials usage.

(5.11.7.11) Engagement is helping your tier 1 suppliers engage with their own suppliers on the selected action

Select from:
☑ Yes

Climate change

(5.11.7.2) Action driven by supplier engagement

Select from:
☑ Upstream value chain transparency and human rights

(5.11.7.3) Type and details of engagement

Capacity building
☑ Other capacity building activity, please specify **:**Share resources aligned with the Responsible Business Alliance (RBA)

(5.11.7.4) Upstream value chain coverage

Select all that apply
☑ Tier 1 suppliers

(5.11.7.5) % of tier 1 suppliers by procurement spend covered by engagement

Select from:
☑ 76-99%

(5.11.7.6) % of tier 1 supplier-related scope 3 emissions covered by engagement

Select from:
☑ 100%

(5.11.7.9) Describe the engagement and explain the effect of your engagement on the selected environmental action

As a member of the Responsible Business Alliance (RBA), Rambus engages with its suppliers to support human rights and cascade these efforts to their suppliers.

(5.11.7.10) Engagement is helping your tier 1 suppliers meet an environmental requirement related to this environmental issue

Select from:
☑ Yes, please specify the environmental requirement **:**Adoption of the UN ILO principles

(5.11.7.11) Engagement is helping your tier 1 suppliers engage with their own suppliers on the selected action

Select from:
☑ Yes
[Add row]

(5.11.9) Provide details of any environmental engagement activity with other stakeholders in the value chain.

Climate change

(5.11.9.1) Type of stakeholder

Select from:
☑ Customers

(5.11.9.2) Type and details of engagement

Education/Information sharing

☑ Run an engagement campaign to educate stakeholders about the environmental impacts about your products, goods and/or services

(5.11.9.3) % of stakeholder type engaged

Select from:

☑ 100%

(5.11.9.4) % stakeholder-associated scope 3 emissions

Select from:

☑ None

(5.11.9.5) Rationale for engaging these stakeholders and scope of engagement

We publicly share our climate change performance and strategy on the Rambus website and our ESG report. Because climate change is key topic that are increasingly integrated into the decision-making processes of our customer and other stakeholders, we aim to communicate our strategy and performance on climate change as widely as possible to reach all customers. Therefore, we consider that this engagement effort covers 100% of our customers. There is no scope 3 emissions associated with customers as there are no emissions from processing of sold products or use of sold products.

(5.11.9.6) Effect of engagement and measures of success

The most important impacts of this engagement effort are enhanced brand perception and potentially increase in revenue. Success of these engagements is measured through customer feedback on our climate strategy and performance. We aim to address all customer feedback in a timely manner and share our data and strategy with 100% of our customers when they request this information.

Water

(5.11.9.1) Type of stakeholder

Select from:

☑ Customers

(5.11.9.2) Type and details of engagement

Education/Information sharing

☑ Other education/information sharing, please specify :Respond to information requests from customers

(5.11.9.3) % of stakeholder type engaged

Select from:

☑ 100%

(5.11.9.5) Rationale for engaging these stakeholders and scope of engagement

Rambus provides information to our customers through responding to CDP Water Security Questionnaire whenever requested by a CDP supply chain member. The objective of this information sharing is to enhance our reputation and promote transparency in our sustainability efforts. Sharing our Water Security questionnaire with customers helps communicate Rambus's progress on water-related risk management and to achieve alignment with them on existing and emerging concerns.

(5.11.9.6) Effect of engagement and measures of success

Providing our customers with our water-related information strengthens our relationship with them.

Climate change

(5.11.9.1) Type of stakeholder

Select from:

☑ Investors and shareholders

(5.11.9.2) Type and details of engagement

Education/Information sharing

☑ Run an engagement campaign to educate stakeholders about the environmental impacts about your products, goods and/or services

(5.11.9.3) % of stakeholder type engaged

Select from:

☑ 100%

(5.11.9.4) % stakeholder-associated scope 3 emissions

Select from:

☑ None

(5.11.9.5) Rationale for engaging these stakeholders and scope of engagement

We publicly share our climate change performance and strategy on the Rambus website and our ESG report. Because climate change is key topic that are increasingly integrated into the decision-making processes of our investors and shareholders, we aim to communicate our strategy and performance on climate change as widely as possible to reach all investors and shareholders. Therefore, we consider that this engagement effort covers 100% of our investors and shareholders.

(5.11.9.6) Effect of engagement and measures of success

The most important impacts of this engagement effort are enhanced brand perception and potentially increase in revenue. Success of these engagements is measured through investor and shareholder feedback on our climate strategy and performance. We aim to address all investor and shareholder feedback in a timely manner and share our data and strategy with 100% of our investors and shareholders when they request this information.
[Add row]

(5.12) Indicate any mutually beneficial environmental initiatives you could collaborate on with specific CDP Supply Chain members.

Row 1

(5.12.1) Requesting member

Select from:

(5.12.2) Environmental issues the initiative relates to

Select all that apply

☑ Climate change

(5.12.4) Initiative category and type

Change to supplier operations

☑ Increase proportion of renewable energy purchased

(5.12.5) Details of initiative

Rambus intends to continue purchasing renewable energy through our providers and RECs.

(5.12.6) Expected benefits

Select all that apply

☑ Reduction of own operational emissions (own scope 1 & 2)

(5.12.7) Estimated timeframe for realization of benefits

Select from:

☑ 0-1 year

(5.12.8) Are you able to estimate the lifetime CO2e and/or water savings of this initiative?

Select from:

☑ Yes, lifetime CO2e savings only

(5.12.9) Estimated lifetime CO2e savings

1100

(5.12.11) Please explain

Rambus electricity usage is approximately 1,100 metric tons CO2e each year on average.

Row 2

(5.12.1) Requesting member

Select from:

(5.12.2) Environmental issues the initiative relates to

Select all that apply

☑ Climate change

(5.12.4) Initiative category and type

Change to supplier operations

☑ Increase proportion of renewable energy purchased

(5.12.5) Details of initiative

Rambus intends to continue purchasing renewable energy through our providers and RECs.

(5.12.6) Expected benefits

Select all that apply

☑ Reduction of own operational emissions (own scope 1 & 2)

(5.12.7) Estimated timeframe for realization of benefits

Select from:

☑ 0-1 year

(5.12.8) Are you able to estimate the lifetime CO2e and/or water savings of this initiative?

Select from:

☑ Yes, lifetime CO2e savings only

(5.12.9) Estimated lifetime CO2e savings

1100

(5.12.11) Please explain

Rambus electricity usage is approximately 1,100 metric tons CO2e each year on average.
[Add row]

(5.13) Has your organization already implemented any mutually beneficial environmental initiatives due to CDP Supply Chain member engagement?

(5.13.1) Environmental initiatives implemented due to CDP Supply Chain member engagement

Select from:

☑ No, but we plan to within the next two years

(5.13.2) Primary reason for not implementing environmental initiatives

Select from:

☑ Not an immediate strategic priority

(5.13.3) Explain why your organization has not implemented any environmental initiatives

Rambus hasn't implemented any mutually beneficial environmental initiatives due to CDP supply chain membership as the participation in the Responsible Business Alliance (RBA) has driven all initiatives with suppliers to date.
[Fixed row]

C6. Environmental Performance - Consolidation Approach

(6.1) Provide details on your chosen consolidation approach for the calculation of environmental performance data.

Climate change

(6.1.1) Consolidation approach used

Select from:

☑ Operational control

(6.1.2) Provide the rationale for the choice of consolidation approach

Our organization uses the operational control consolidation approach to define our boundary aligned with the GHG protocol. This approach enables effective management and reduction through our ability to have direct control over the activities and operations included.

Water

(6.1.1) Consolidation approach used

Select from:

☑ Operational control

(6.1.2) Provide the rationale for the choice of consolidation approach

Our organization uses the operational control consolidation approach to define our boundary aligned with the GHG protocol. This approach enables effective management and reduction through our ability to have direct control over the activities and operations included.

Plastics

(6.1.1) Consolidation approach used

Select from:

☑ Operational control

(6.1.2) Provide the rationale for the choice of consolidation approach

Our organization uses the operational control consolidation approach to define our boundary aligned with the GHG protocol. This approach enables effective management and reduction through our ability to have direct control over the activities and operations included.

Biodiversity

(6.1.1) Consolidation approach used

Select from:

☑ Operational control

(6.1.2) Provide the rationale for the choice of consolidation approach

Our organization uses the operational control consolidation approach to define our boundary aligned with the GHG protocol. This approach enables effective management and reduction through our ability to have direct control over the activities and operations included.
[Fixed row]

C7. Environmental performance - Climate Change

(7.1) Is this your first year of reporting emissions data to CDP?

Select from:
☑ No

(7.1.1) Has your organization undergone any structural changes in the reporting year, or are any previous structural changes being accounted for in this disclosure of emissions data?

(7.1.1.1) Has there been a structural change?

Select all that apply
☑ Yes, a divestment

(7.1.1.2) Name of organization(s) acquired, divested from, or merged with

PHY IP Assets

(7.1.1.3) Details of structural change(s), including completion dates

Cadence acquired the Rambus SerDes and memory interface PHY IP business. Rambus retained its digital IP business, including memory and interface controllers and security IP. The divestiture was completed in September 2023.
[Fixed row]

(7.1.2) Has your emissions accounting methodology, boundary, and/or reporting year definition changed in the reporting year?

(7.1.2.1) Change(s) in methodology, boundary, and/or reporting year definition?

Select all that apply

☑ Yes, a change in methodology

(7.1.2.2) Details of methodology, boundary, and/or reporting year definition change(s)

Based on more accurate information and the Greenhouse Gas Protocol, we have updated our greenhouse gas methodology to better reflect our operations. Additionally, we purchased RECs to retroactively cover our electricity usage and as such have updated our Scope 2 market-based emissions for previous years (2021 and 2022) to reflect this.
[Fixed row]

(7.1.3) Have your organization's base year emissions and past years' emissions been recalculated as a result of any changes or errors reported in 7.1.1 and/or 7.1.2?

(7.1.3.1) Base year recalculation

Select from:

☑ Yes

(7.1.3.2) Scope(s) recalculated

Select all that apply

☑ Scope 1

☑ Scope 2, market-based

(7.1.3.3) Base year emissions recalculation policy, including significance threshold

According to our policy: The base year inventory must be recalculated when: •A structural change in organizational boundaries (e.g., merger, acquisition) causes a significant change in the organization's base year emissions; •A change in the reporting boundary, methodology, expansion of relevant scopes, or improvement in the accuracy of emission factors triggers a significant change in the base year emissions; •A significant error or number of errors are retroactively discovered. The significance threshold defined by Rambus is an aggregate change of 5% or higher in our total base year emissions.

(7.1.3.4) Past years' recalculation

Select from:

☑ Yes

[Fixed row]

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

Select all that apply

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

☑ US EPA Center for Corporate Climate Leadership: Indirect Emissions From Purchased Electricity

☑ US EPA Center for Corporate Climate Leadership: Direct Emissions from Stationary Combustion Sources

☑ US EPA Center for Corporate Climate Leadership: Direct Emissions from Mobile Combustion Sources

☑ US EPA Emissions & Generation Resource Integrated Database (eGRID)

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

	Scope 2, location-based	Scope 2, market-based	Comment
	Select from: ☑ We are reporting a Scope 2, location-based figure	*Select from:* ☑ We are reporting a Scope 2, market-based figure	*Rambus calculates and reports both location and market-based emissions for our Scope 2 emissions.*

[Fixed row]

(7.4) Are there any sources (e.g. facilities, specific GHGs, activities, geographies, etc.) of Scope 1, Scope 2 or Scope 3 emissions that are within your selected reporting boundary which are not included in your disclosure?

Select from:

☑ No

(7.5) Provide your base year and base year emissions.

Scope 1

(7.5.1) Base year end

12/31/2021

(7.5.2) Base year emissions (metric tons CO2e)

42

(7.5.3) Methodological details

Includes diesel usage for generator and fugitive refrigerant emissions.

Scope 2 (location-based)

(7.5.1) Base year end

12/31/2021

(7.5.2) Base year emissions (metric tons CO2e)

1111

(7.5.3) Methodological details

Includes emissions from purchased electricity at Rambus's global locations.

Scope 2 (market-based)

(7.5.1) Base year end

12/31/2021

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Includes emissions from purchased electricity at Rambus’s global locations. Rambus purchased renewable energy credits for all purchased electricity.

Scope 3 category 1: Purchased goods and services

(7.5.1) Base year end

12/31/2021

(7.5.2) Base year emissions (metric tons CO2e)

23008

(7.5.3) Methodological details

Upstream emissions from direct and indirect purchased goods/services (including tier 1 suppliers).

Scope 3 category 2: Capital goods

(7.5.1) Base year end

12/31/2021

(7.5.2) Base year emissions (metric tons CO2e)

9121

(7.5.3) Methodological details

Upstream emissions from capital expenditure purchases.

Scope 3 category 3: Fuel-and-energy-related activities (not included in Scope 1 or 2)

(7.5.1) Base year end

12/31/2021

(7.5.2) Base year emissions (metric tons CO2e)

146

(7.5.3) Methodological details

Electricity distribution losses for offices and warehouses.

Scope 3 category 4: Upstream transportation and distribution

(7.5.1) Base year end

12/31/2021

(7.5.2) Base year emissions (metric tons CO2e)

658

(7.5.3) Methodological details

Supplier specific reporting for shipping partners.

Scope 3 category 5: Waste generated in operations

(7.5.1) Base year end

12/31/2021

(7.5.2) Base year emissions (metric tons CO2e)

124

(7.5.3) Methodological details

Emissions from waste in facility operations.

Scope 3 category 6: Business travel

(7.5.1) Base year end

12/31/2021

(7.5.2) Base year emissions (metric tons CO2e)

41

(7.5.3) Methodological details

Emissions from work-related air travel, ground travel, and accommodations.

Scope 3 category 7: Employee commuting

(7.5.1) Base year end

12/31/2021

(7.5.2) Base year emissions (metric tons CO2e)

122

(7.5.3) Methodological details

Commuting emissions from employees based on distance and commute to office.

Scope 3 category 8: Upstream leased assets

(7.5.1) Base year end

12/31/2021

(7.5.3) Methodological details

Because we use the operational control boundary and we have operational control over all our leased offices, we do not have any facilities that fall under this category. All emissions from our leased spaces are included in scope 1 and scope 2.

Scope 3 category 9: Downstream transportation and distribution

(7.5.1) Base year end

12/31/2021

(7.5.3) Methodological details

Per the Greenhouse Gas Protocol, companies may exclude downstream emissions (categories 9-12) for intermediate products with unknown end use. Rambus' products qualify as intermediate, not final. Given the diverse applications of our components, we've deemed categories 9-12 not relevant.

Scope 3 category 10: Processing of sold products

(7.5.1) Base year end

12/31/2021

(7.5.3) Methodological details

Per the Greenhouse Gas Protocol, companies may exclude downstream emissions (categories 9-12) for intermediate products with unknown end use. Rambus' products qualify as intermediate, not final. Given the diverse applications of our components, we've deemed categories 9-12 not relevant.

Scope 3 category 11: Use of sold products

(7.5.1) Base year end

12/31/2021

(7.5.3) Methodological details

Per the Greenhouse Gas Protocol, companies may exclude downstream emissions (categories 9-12) for intermediate products with unknown end use. Rambus' products qualify as intermediate, not final. Given the diverse applications of our components, we've deemed categories 9-12 not relevant.

Scope 3 category 12: End of life treatment of sold products

(7.5.1) Base year end

12/31/2021

(7.5.3) Methodological details

Per the Greenhouse Gas Protocol, companies may exclude downstream emissions (categories 9-12) for intermediate products with unknown end use. Rambus' products qualify as intermediate, not final. Given the diverse applications of our components, we've deemed categories 9-12 not relevant.

Scope 3 category 13: Downstream leased assets

(7.5.1) Base year end

12/31/2021

(7.5.3) Methodological details

We do not have any downstream leased assets; therefore, this category is not applicable.

Scope 3 category 14: Franchises

(7.5.1) Base year end

12/31/2021

(7.5.3) Methodological details

We do not have any franchises; therefore, this category is not applicable.

Scope 3 category 15: Investments

(7.5.1) Base year end

12/31/2021

(7.5.3) Methodological details

We do not have any investments; therefore, this category is not applicable.

Scope 3: Other (upstream)

(7.5.1) Base year end

12/31/2021

(7.5.3) Methodological details

We do not have any other upstream sources; therefore, this category is not applicable.

Scope 3: Other (downstream)

(7.5.1) Base year end

12/31/2021

(7.5.3) Methodological details

We do not have any other downstream sources; therefore, this category is not applicable.
[Fixed row]

(7.6) What were your organization’s gross global Scope 1 emissions in metric tons CO2e?

	Gross global Scope 1 emissions (metric tons CO2e)	End date	Methodological details
Reporting year	*30*	*Date input [must be between [10/01/2015 - 10/01/2023]*	*Includes diesel for generator and fugitive refrigerant emissions.*
Past year 1	*92*	*12/31/2022*	*Includes diesel for generator and fugitive refrigerant emissions.*
Past year 2	*40*	*12/31/2021*	*Includes diesel for generator and fugitive refrigerant emissions.*

[Fixed row]

(7.7) What were your organization’s gross global Scope 2 emissions in metric tons CO2e?

Reporting year

(7.7.1) Gross global Scope 2, location-based emissions (metric tons CO2e)

1071

(7.7.2) Gross global Scope 2, market-based emissions (metric tons CO2e) (if applicable)

0

(7.7.4) Methodological details

Includes emissions from purchased electricity at Rambus’s global locations. Rambus purchased renewable energy credits for all purchased electricity.

Past year 1

(7.7.1) Gross global Scope 2, location-based emissions (metric tons CO2e)

1032

(7.7.2) Gross global Scope 2, market-based emissions (metric tons CO2e) (if applicable)

0

(7.7.3) End date

12/31/2022

(7.7.4) Methodological details

Includes emissions from purchased electricity at Rambus’s global locations. Rambus purchased renewable energy credits for all purchased electricity.

Past year 2

(7.7.1) Gross global Scope 2, location-based emissions (metric tons CO2e)

1111

(7.7.2) Gross global Scope 2, market-based emissions (metric tons CO2e) (if applicable)

0

(7.7.3) End date

12/31/2021

(7.7.4) Methodological details

Includes emissions from purchased electricity at Rambus’s global locations. Rambus purchased renewable energy credits for all purchased electricity.
[Fixed row]

(7.8) Account for your organization’s gross global Scope 3 emissions, disclosing and explaining any exclusions.

Purchased goods and services

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

31668

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Supplier-specific method

☑ Hybrid method

☑ Spend-based method

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

18

(7.8.5) Please explain

We use supplier-specific allocated estimates for certain of our contract manufacturing suppliers and spend-based methods for our remaining purchases.

Capital goods

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

2825

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Spend-based method

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

0

(7.8.5) Please explain

Emissions from capital goods are calculated by spend-based methodology. Sources of emissions include machinery, equipment, etc. purchased during the reporting year.

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

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

147

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Average data method

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

0

(7.8.5) Please explain

Emissions in this category is calculated by using the average grid losses in the regions where we purchased energy.

Upstream transportation and distribution

(7.8.1) Evaluation status

Select from:
☑ Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

513

(7.8.3) Emissions calculation methodology

Select all that apply
☑ Supplier-specific method

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

100

(7.8.5) Please explain

Emissions are calculated based on the emissions figures provided by logistics suppliers. It is assumed that downstream transportation is negligible and all emissions are associated with upstream transportation.

Waste generated in operations

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

4

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Average data method

☑ Waste-type-specific method

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

0

(7.8.5) Please explain

Emissions are calculated for each waste stream in our locations and specific emission factors for each waste and respective disposal method.

Business travel

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

478

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Spend-based method

☑ Distance-based method

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

0

(7.8.5) Please explain

Air travel is calculated by the distance between the origin and destination city pairs. Distance-data is obtained from our travel booking agency. Air travel represents 95% of our business travel emissions. For business travel for other modes (rail, hotel, etc.), we used spend-based methodology and these emissions represent 5% of total business travel emissions.

Employee commuting

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

453

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Distance-based method

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

0

(7.8.5) Please explain

Commuting data is collected through employee survey in each of our locations, including mode of travel, distance travelled each day, and number of days travelled during the reporting year. Average emission factors for each mode of travel are multiplied with total distance travelled during the reporting year to calculate total employee commuting emissions.

Upstream leased assets

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

Because we use the operational control boundary and we have operational control over all our leased offices, we do not have any facilities that fall under this category. All emissions from our leased spaces are included in scope 1 and scope 2.

Downstream transportation and distribution

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

Per the Greenhouse Gas Protocol, companies may exclude downstream emissions (categories 9-12) for intermediate products with unknown end use. Rambus' products qualify as intermediate, not final. Given the diverse applications of our components, we've deemed categories 9-12 not relevant.

Processing of sold products

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

Per the Greenhouse Gas Protocol, companies may exclude downstream emissions (categories 9-12) for intermediate products with unknown end use. Rambus' products qualify as intermediate, not final. Given the diverse applications of our components, we've deemed categories 9-12 not relevant.

Use of sold products

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

Per the Greenhouse Gas Protocol, companies may exclude downstream emissions (categories 9-12) for intermediate products with unknown end use. Rambus' products qualify as intermediate, not final. Given the diverse applications of our components, we've deemed categories 9-12 not relevant.

End of life treatment of sold products

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

Per the Greenhouse Gas Protocol, companies may exclude downstream emissions (categories 9-12) for intermediate products with unknown end use. Rambus' products qualify as intermediate, not final. Given the diverse applications of our components, we've deemed categories 9-12 not relevant.

Downstream leased assets

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

We do not have any downstream leased assets; therefore, this category is not applicable.

Franchises

(7.8.1) Evaluation status

Select from:
☑ Not relevant, explanation provided

(7.8.5) Please explain

We do not have any franchises; therefore, this category is not applicable.

Investments

(7.8.1) Evaluation status

Select from:
☑ Not relevant, explanation provided

(7.8.5) Please explain

We do not have any investments; therefore, this category is not applicable.

Other (upstream)

(7.8.1) Evaluation status

Select from:
☑ Not relevant, explanation provided

(7.8.5) Please explain

We do not have other upstream activities that are not already included in the above sections.

Other (downstream)

(7.8.1) Evaluation status

Select from:
☑ Not relevant, explanation provided

(7.8.5) Please explain

We do not have other downstream activities that are not already included in the above sections.
[Fixed row]

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

	Verification/assurance status
Scope 1	*Select from:* ☑ Third-party verification or assurance process in place
Scope 2 (location-based or market-based)	*Select from:* ☑ Third-party verification or assurance process in place
Scope 3	*Select from:* ☑ Third-party verification or assurance process in place

[Fixed row]

(7.9.1) Provide further details of the verification/assurance undertaken for your Scope 1 emissions, and attach the relevant statements.

Row 1

(7.9.1.1) Verification or assurance cycle in place

Select from:

☑ Annual process

(7.9.1.2) Status in the current reporting year

Select from:

☑ Complete

(7.9.1.3) Type of verification or assurance

Select from:

☑ Limited assurance

(7.9.1.4) Attach the statement

2024 GHG verification Rambus Final Aug 28 2024.pdf

(7.9.1.5) Page/section reference

1-2

(7.9.1.6) Relevant standard

Select from:

☑ ISO14064-3

(7.9.1.7) Proportion of reported emissions verified (%)

100

[Add row]

(7.9.2) Provide further details of the verification/assurance undertaken for your Scope 2 emissions and attach the relevant statements.

Row 1

(7.9.2.1) Scope 2 approach

Select from:
☑ Scope 2 market-based

(7.9.2.2) Verification or assurance cycle in place

Select from:
☑ Annual process

(7.9.2.3) Status in the current reporting year

Select from:
☑ Complete

(7.9.2.4) Type of verification or assurance

Select from:
☑ Limited assurance

(7.9.2.5) Attach the statement

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(7.9.2.6) Page/ section reference

1-2

(7.9.2.7) Relevant standard

Select from:
☑ ISO14064-3

(7.9.2.8) Proportion of reported emissions verified (%)

100

Row 2

(7.9.2.1) Scope 2 approach

Select from:
☑ Scope 2 location-based

(7.9.2.2) Verification or assurance cycle in place

Select from:
☑ Annual process

(7.9.2.3) Status in the current reporting year

Select from:
☑ Complete

(7.9.2.4) Type of verification or assurance

Select from:
☑ Limited assurance

(7.9.2.5) Attach the statement

2024 GHG verification Rambus Final Aug 28 2024.pdf

(7.9.2.6) Page/ section reference

1-2

(7.9.2.7) Relevant standard

Select from:
☑ ISO14064-3

(7.9.2.8) Proportion of reported emissions verified (%)

100
[Add row]

(7.9.3) Provide further details of the verification/assurance undertaken for your Scope 3 emissions and attach the relevant statements.

Row 1

(7.9.3.1) Scope 3 category

Select all that apply
☑ Scope 3: Purchased goods and services
☑ Scope 3: Capital goods
☑ Scope 3: Business travel

(7.9.3.2) Verification or assurance cycle in place

Select from:
☑ Annual process

(7.9.3.3) Status in the current reporting year

Select from:
☑ Complete

(7.9.3.4) Type of verification or assurance

Select from:
☑ Limited assurance

(7.9.3.5) Attach the statement

2024 GHG verification Rambus Final Aug 28 2024.pdf

(7.9.3.6) Page/section reference

1-2

(7.9.3.7) Relevant standard

Select from:
☑ ISO14064-3

(7.9.3.8) Proportion of reported emissions verified (%)

100
[Add row]

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

Select from:
☑ Decreased

(7.10.1) 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.

Other emissions reduction activities

(7.10.1.1) Change in emissions (metric tons CO2e)

56

(7.10.1.2) Direction of change in emissions

Select from:
☑ Decreased

(7.10.1.3) Emissions value (percentage)

67

(7.10.1.4) Please explain calculation

Decreased usage of refrigerants resulted in a decrease in scope 1 emissions. Market-based scope 2 emissions have consistently been 0 year over year due to green energy purchased through utility providers and RECs.
[Fixed row]

(7.10.2) Are your emissions performance calculations in 7.10 and 7.10.1 based on a location-based Scope 2 emissions figure or a market-based Scope 2 emissions figure?

Select from:
☑ Market-based

(7.12) Are carbon dioxide emissions from biogenic carbon relevant to your organization?

Select from:
☑ No

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

Select from:
☑ No

(7.16) Break down your total gross global Scope 1 and 2 emissions by country/area.

Bulgaria

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

(7.16.2) Scope 2, location-based (metric tons CO2e)

0.5

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Canada

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

(7.16.2) Scope 2, location-based (metric tons CO2e)

18

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Finland

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

(7.16.2) Scope 2, location-based (metric tons CO2e)

4

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

France

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

(7.16.2) Scope 2, location-based (metric tons CO2e)

2

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

India

(7.16.1) Scope 1 emissions (metric tons CO2e)

21

(7.16.2) Scope 2, location-based (metric tons CO2e)

683

(7.16.3) Scope 2, market-based (metric tons CO2e)

3

Netherlands

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

(7.16.2) Scope 2, location-based (metric tons CO2e)

24

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Republic of Korea

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Taiwan, China

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

(7.16.2) Scope 2, location-based (metric tons CO2e)

5

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

United States of America

(7.16.1) Scope 1 emissions (metric tons CO2e)

9

(7.16.2) Scope 2, location-based (metric tons CO2e)

337

(7.16.3) Scope 2, market-based (metric tons CO2e)

0
[Fixed row]

(7.17) Indicate which gross global Scope 1 emissions breakdowns you are able to provide.

Select all that apply
☑ By facility

(7.17.2) Break down your total gross global Scope 1 emissions by business facility.

Row 1

(7.17.2.1) Facility

Bangalore, India

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

21

(7.17.2.3) Latitude

12.9716

(7.17.2.4) Longitude

77.5946

Row 3

(7.17.2.1) Facility

San Jose

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

9

(7.17.2.3) Latitude

35.931308

(7.17.2.4) Longitude

-79.03251
[Add row]

(7.20) Indicate which gross global Scope 2 emissions breakdowns you are able to provide.

Select all that apply
☑ By facility

(7.20.2) Break down your total gross global Scope 2 emissions by business facility.

Row 1

(7.20.2.1) Facility

Chapel Hills

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

54

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

Row 3

(7.20.2.1) Facility

Montreal

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

11

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

Row 4

(7.20.2.1) Facility

Agoura Hills

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

39

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

Row 5

(7.20.2.1) Facility

Toronto - Analog x

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

4

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

Row 6

(7.20.2.1) Facility

San Jose

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

189

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

Row 7

(7.20.2.1) Facility

Vught

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

22

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

Row 8

(7.20.2.1) Facility

Taiwan

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

5

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

Row 11

(7.20.2.1) Facility

Toronto

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

5

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

Row 12

(7.20.2.1) Facility

Bangalore, India

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

683

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

Row 13

(7.20.2.1) Facility

Hillsboro

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

55

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

Row 14

(7.20.2.1) Facility

Finland

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

4

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

Row 15

(7.20.2.1) Facility

Bulgaria-Plodiv

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

0.5

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

Row 16

(7.20.2.1) Facility

France

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

2

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0
[Add row]

(7.22) Break down your gross Scope 1 and Scope 2 emissions between your consolidated accounting group and other entities included in your response.

Consolidated accounting group

(7.22.1) Scope 1 emissions (metric tons CO2e)

30

(7.22.2) Scope 2, location-based emissions (metric tons CO2e)

1071

(7.22.3) Scope 2, market-based emissions (metric tons CO2e)

0

(7.22.4) Please explain

All emissions disclosed fall within the consolidated accounting group.
[Fixed row]

(7.23) Is your organization able to break down your emissions data for any of the subsidiaries included in your CDP response?

Select from:
☑ No

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

Row 1

(7.26.1) Requesting member

Select from:

(7.26.2) Scope of emissions

Select from:
☑ Scope 1

(7.26.4) Allocation level

Select from:
☑ Company wide

(7.26.6) Allocation method

Select from:
☑ Allocation based on the market value of products purchased

(7.26.7) Unit for market value or quantity of goods/services supplied

Select from:
☑ Currency

(7.26.8) Market value or quantity of goods/services supplied to the requesting member

46110000

(7.26.9) Emissions in metric tonnes of CO2e

3

(7.26.10) Uncertainty (±%)

10

(7.26.11) Major sources of emissions

Diesel and fugitive emissions

(7.26.12) Allocation verified by a third party?

Select from:

☑ No

(7.26.13) Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

In 2023, revenue from Micron accounted for 10% or more of our total revenue. To allocate the emissions, we assumed that the requesting member represented 10% of our revenue. Therefore, market value of goods supplied to the requesting member is 10% of our total revenue. We allocated 10% of emissions to this requesting member.

Row 2

(7.26.1) Requesting member

Select from:

(7.26.2) Scope of emissions

Select from:

☑ Scope 1

(7.26.4) Allocation level

Select from:

☑ Company wide

(7.26.6) Allocation method

Select from:

☑ Allocation based on the market value of products purchased

(7.26.7) Unit for market value or quantity of goods/services supplied

Select from:

☑ Currency

(7.26.8) Market value or quantity of goods/services supplied to the requesting member

46110000

(7.26.9) Emissions in metric tonnes of CO2e

3

(7.26.10) Uncertainty (±%)

10

(7.26.11) Major sources of emissions

Diesel and fugitive emissions

(7.26.12) Allocation verified by a third party?

Select from:

☑ No

(7.26.13) Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

In 2023, revenue from Samsung accounted for 10% or more of our total revenue. To allocate the emissions, we assumed that the requesting member represented 10% of our revenue. Therefore, market value of goods supplied to the requesting member is 10% of our total revenue. We allocated 10% of emissions to this requesting member.

Row 3

(7.26.1) Requesting member

Select from:

(7.26.2) Scope of emissions

Select from:
☑ Scope 2: location-based

(7.26.4) Allocation level

Select from:
☑ Company wide

(7.26.6) Allocation method

Select from:
☑ Allocation based on the market value of products purchased

(7.26.7) Unit for market value or quantity of goods/services supplied

Select from:
☑ Currency

(7.26.8) Market value or quantity of goods/services supplied to the requesting member

46110000

(7.26.9) Emissions in metric tonnes of CO2e

107

(7.26.10) Uncertainty (±%)

10

(7.26.11) Major sources of emissions

Purchased electricity

(7.26.12) Allocation verified by a third party?

Select from:

☑ No

(7.26.13) Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

In 2023, revenue from Samsung accounted for 10% or more of our total revenue. To allocate the emissions, we assumed that the requesting member represented 10% of our revenue. Therefore, market value of goods supplied to the requesting member is 10% of our total revenue. We allocated 10% of emissions to this requesting member.

Row 4

(7.26.1) Requesting member

Select from:

(7.26.2) Scope of emissions

Select from:

☑ Scope 2: location-based

(7.26.4) Allocation level

Select from:

☑ Company wide

(7.26.6) Allocation method

Select from:

☑ Allocation based on the market value of products purchased

(7.26.7) Unit for market value or quantity of goods/services supplied

Select from:

☑ Currency

(7.26.8) Market value or quantity of goods/services supplied to the requesting member

46110000

(7.26.9) Emissions in metric tonnes of CO2e

107

(7.26.10) Uncertainty (±%)

10

(7.26.11) Major sources of emissions

Purchased electricity

(7.26.12) Allocation verified by a third party?

Select from:

☑ No

(7.26.13) Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

In 2023, revenue from Samsung accounted for 10% or more of our total revenue. To allocate the emissions, we assumed that the requesting member represented 10% of our revenue. Therefore, market value of goods supplied to the requesting member is 10% of our total revenue. We allocated 10% of emissions to this requesting member.
[Add row]

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

Row 1

(7.27.1) Allocation challenges

Select from:

☑ Managing the different emission factors of diverse and numerous geographies makes calculating total footprint difficult

(7.27.2) Please explain what would help you overcome these challenges

With a global supply chain, it can be difficult for Rambus to collect consistent environmental data in order to accurately allocate emissions. Further climate-related engagement with suppliers will help overcome these challenges as Rambus can then understand what issues they may also be experiencing in data collection and allocation. Rambus will also be investigating the utilization of CDP requests for our own suppliers to streamline the process and demonstrate the commitment to accurately reporting relevant Scope 3 emissions.
[Add row]

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

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

Select from:

☑ Yes

(7.28.2) Describe how you plan to develop your capabilities

Rambus will be investigating the potential use of CDP requests of our own customers to better understand the relevant Scope 3 emissions within the supply chain. By collecting more comprehensive data on supply chain emissions, Rambus will have further insight into how emissions can be allocated for our own customers. This is especially important as an organization that has a significant Scope 3 footprint compared to our Scope 1 and 2 totals.
[Fixed row]

(7.29) What percentage of your total operational spend in the reporting year was on energy?

Select from:

☑ More than 0% but less than or equal to 5%

(7.30) 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)	*Select from:* ☑ Yes
Consumption of purchased or acquired electricity	*Select from:* ☑ Yes
Consumption of purchased or acquired heat	*Select from:* ☑ No
Consumption of purchased or acquired steam	*Select from:* ☑ No
Consumption of purchased or acquired cooling	*Select from:* ☑ No
Generation of electricity, heat, steam, or cooling	*Select from:* ☑ No

[Fixed row]

(7.30.1) Report your organization’s energy consumption totals (excluding feedstocks) in MWh.

Consumption of fuel (excluding feedstock)

(7.30.1.1) Heating value

Select from:

☑ Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

0

(7.30.1.3) MWh from non-renewable sources

6.8

(7.30.1.4) Total (renewable and non-renewable) MWh

6.8

Consumption of purchased or acquired electricity

(7.30.1.1) Heating value

Select from:

☑ Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

2622.6

(7.30.1.3) MWh from non-renewable sources

0

(7.30.1.4) Total (renewable and non-renewable) MWh

2622.6

Total energy consumption

(7.30.1.1) Heating value

Select from:
☑ Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

2622.6

(7.30.1.3) MWh from non-renewable sources

6.8

(7.30.1.4) Total (renewable and non-renewable) MWh

2629.4
[Fixed row]

(7.30.6) 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	*Select from:* ☑ No
Consumption of fuel for the generation of heat	*Select from:*

	Indicate whether your organization undertakes this fuel application
	☑ No
Consumption of fuel for the generation of steam	*Select from:* ☑ No
Consumption of fuel for the generation of cooling	*Select from:* ☑ No
Consumption of fuel for co-generation or tri-generation	*Select from:* ☑ No

[Fixed row]

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

Sustainable biomass

(7.30.7.1) Heating value

Select from:

☑ Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

0

Other biomass

(7.30.7.1) Heating value

Select from:
☑ Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

0

Other renewable fuels (e.g. renewable hydrogen)

(7.30.7.1) Heating value

Select from:
☑ Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

0

Coal

(7.30.7.1) Heating value

Select from:
☑ Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

0

Oil

(7.30.7.1) Heating value

Select from:
☑ Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

0

Gas

(7.30.7.1) Heating value

Select from:
☑ Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

0

Other non-renewable fuels (e.g. non-renewable hydrogen)

(7.30.7.1) Heating value

Select from:
☑ Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

0

Total fuel

(7.30.7.1) Heating value

Select from:
☑ Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

0
[Fixed row]

(7.30.14) Provide details on the electricity, heat, steam, and/or cooling amounts that were accounted for at a zero or near-zero emission factor in the market-based Scope 2 figure reported in 7.7.

Row 1

(7.30.14.1) Country/area

Select from:
☑ Bulgaria

(7.30.14.2) Sourcing method

Select from:
☑ Unbundled procurement of energy attribute certificates (EACs)

(7.30.14.3) Energy carrier

Select from:
☑ Electricity

(7.30.14.4) Low-carbon technology type

Select from:
☑ Solar

(7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

2

(7.30.14.6) Tracking instrument used

Select from:

☑ GO

(7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

☑ Bulgaria

(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

☑ Yes

(7.30.14.9) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2012

Row 2

(7.30.14.1) Country/area

Select from:

☑ Canada

(7.30.14.2) Sourcing method

Select from:

☑ Retail supply contract with an electricity supplier (retail green electricity)

(7.30.14.3) Energy carrier

Select from:

☑ Electricity

(7.30.14.4) Low-carbon technology type

Select from:

☑ Hydropower (capacity unknown)

(7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

82

(7.30.14.6) Tracking instrument used

Select from:

☑ Other, please specify **:**Utility provider certificate

(7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

☑ Canada

(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

☑ No

Row 3

(7.30.14.1) Country/area

Select from:

☑ Finland

(7.30.14.2) Sourcing method

Select from:

☑ Unbundled procurement of energy attribute certificates (EACs)

(7.30.14.3) Energy carrier

Select from:
☑ Electricity

(7.30.14.4) Low-carbon technology type

Select from:
☑ Wind

(7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

39

(7.30.14.6) Tracking instrument used

Select from:
☑ GO

(7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:
☑ Netherlands

(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:
☑ No

Row 4

(7.30.14.1) Country/area

Select from:
☑ France

(7.30.14.2) Sourcing method

Select from:

☑ Retail supply contract with an electricity supplier (retail green electricity)

(7.30.14.3) Energy carrier

Select from:

☑ Electricity

(7.30.14.4) Low-carbon technology type

Select from:

☑ Renewable energy mix, please specify

(7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

30

(7.30.14.6) Tracking instrument used

Select from:

☑ GO

(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

☑ No

Row 5

(7.30.14.1) Country/area

Select from:

☑ India

(7.30.14.2) Sourcing method

Select from:

☑ Retail supply contract with an electricity supplier (retail green electricity)

(7.30.14.3) Energy carrier

Select from:

☑ Electricity

(7.30.14.4) Low-carbon technology type

Select from:

☑ Renewable energy mix, please specify

(7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

940

(7.30.14.6) Tracking instrument used

Select from:

☑ Other, please specify **:**Utility provider certificate

(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

☑ No

Row 6

(7.30.14.1) Country/area

Select from:

☑ Netherlands

(7.30.14.2) Sourcing method

Select from:

☑ Unbundled procurement of energy attribute certificates (EACs)

(7.30.14.3) Energy carrier

Select from:

☑ Electricity

(7.30.14.4) Low-carbon technology type

Select from:

☑ Wind

(7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

60

(7.30.14.6) Tracking instrument used

Select from:

☑ GO

(7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

☑ Netherlands

(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

☑ No

Row 7

(7.30.14.1) Country/area

Select from:

☑ Taiwan, China

(7.30.14.2) Sourcing method

Select from:

☑ Unbundled procurement of energy attribute certificates (EACs)

(7.30.14.3) Energy carrier

Select from:

☑ Electricity

(7.30.14.4) Low-carbon technology type

Select from:

☑ Solar

(7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

9

(7.30.14.6) Tracking instrument used

Select from:

☑ TIGR

(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

☑ No

Row 8

(7.30.14.1) Country/area

Select from:

☑ United States of America

(7.30.14.2) Sourcing method

Select from:

☑ Retail supply contract with an electricity supplier (retail green electricity)

(7.30.14.3) Energy carrier

Select from:

☑ Electricity

(7.30.14.4) Low-carbon technology type

Select from:

☑ Renewable energy mix, please specify **:**Equal parts solar and wind

(7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

834

(7.30.14.6) Tracking instrument used

Select from:

☑ Other, please specify **:**Utility provider certificate

(7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

☑ United States of America

(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

☑ No

Row 9

(7.30.14.1) Country/area

Select from:
☑ United States of America

(7.30.14.2) Sourcing method

Select from:
☑ Unbundled procurement of energy attribute certificates (EACs)

(7.30.14.3) Energy carrier

Select from:
☑ Electricity

(7.30.14.4) Low-carbon technology type

Select from:
☑ Solar

(7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

629

(7.30.14.6) Tracking instrument used

Select from:
☑ Other, please specify **:**North American Registry

(7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

☑ United States of America

(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

☑ No

[Add row]

(7.30.16) Provide a breakdown by country/area of your electricity/heat/steam/cooling consumption in the reporting year.

Bulgaria

(7.30.16.1) Consumption of purchased electricity (MWh)

1

(7.30.16.2) Consumption of self-generated electricity (MWh)

0

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

1.00

Canada

(7.30.16.1) Consumption of purchased electricity (MWh)

149

(7.30.16.2) Consumption of self-generated electricity (MWh)

0

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

149.00

Finland

(7.30.16.1) Consumption of purchased electricity (MWh)

39

(7.30.16.2) Consumption of self-generated electricity (MWh)

0

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

39.00

France

(7.30.16.1) Consumption of purchased electricity (MWh)

30

(7.30.16.2) Consumption of self-generated electricity (MWh)

0

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

30.00

India

(7.30.16.1) Consumption of purchased electricity (MWh)

940

(7.30.16.2) Consumption of self-generated electricity (MWh)

0

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

940.00

Netherlands

(7.30.16.1) Consumption of purchased electricity (MWh)

60

(7.30.16.2) Consumption of self-generated electricity (MWh)

0

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

60.00

Republic of Korea

(7.30.16.1) Consumption of purchased electricity (MWh)

0

(7.30.16.2) Consumption of self-generated electricity (MWh)

0

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0.00

Taiwan, China

(7.30.16.1) Consumption of purchased electricity (MWh)

8

(7.30.16.2) Consumption of self-generated electricity (MWh)

0

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

8.00

United States of America

(7.30.16.1) Consumption of purchased electricity (MWh)

562

(7.30.16.2) Consumption of self-generated electricity (MWh)

834

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

1396.00
[Fixed row]

(7.45) 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.

Row 1

(7.45.1) Intensity figure

2.39

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

1101

(7.45.3) Metric denominator

Select from:
☑ unit total revenue

(7.45.4) Metric denominator: Unit total

461100000

(7.45.5) Scope 2 figure used

Select from:
☑ Location-based

(7.45.6) % change from previous year

3

(7.45.7) Direction of change

Select from:
☑ Decreased

(7.45.8) Reasons for change

Select all that apply
☑ Other emissions reduction activities

(7.45.9) Please explain

Lower use of refrigerants accounted for lower fugitive emissions

Row 2

(7.45.1) Intensity figure

0.07

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

30

(7.45.3) Metric denominator

Select from:
☑ unit total revenue

(7.45.4) Metric denominator: Unit total

461100000

(7.45.5) Scope 2 figure used

Select from:
☑ Market-based

(7.45.6) % change from previous year

68

(7.45.7) Direction of change

Select from:

☑ Decreased

(7.45.8) Reasons for change

Select all that apply

☑ Other emissions reduction activities

(7.45.9) Please explain

Lower use of refrigerants accounted for lower fugitive emissions
[Add row]

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

Select all that apply

☑ Absolute target

(7.53.1) Provide details of your absolute emissions targets and progress made against those targets.

Row 1

(7.53.1.1) Target reference number

Select from:

☑ Abs 1

(7.53.1.2) Is this a science-based target?

Select from:

☑ Yes, we consider this a science-based target, and we have committed to seek validation of this target by the Science Based Targets initiative in the next two years

(7.53.1.4) Target ambition

Select from:

☑ 1.5°C aligned

(7.53.1.5) Date target was set

09/04/2024

(7.53.1.6) Target coverage

Select from:

☑ Organization-wide

(7.53.1.7) Greenhouse gases covered by target

Select all that apply

☑ Carbon dioxide (CO2)

☑ Methane (CH4)

☑ Nitrous oxide (N2O)

(7.53.1.8) Scopes

Select all that apply

☑ Scope 2

(7.53.1.9) Scope 2 accounting method

Select from:

☑ Market-based

(7.53.1.11) End date of base year

12/31/2021

(7.53.1.13) Base year Scope 2 emissions covered by target (metric tons CO2e)

0

(7.53.1.31) Base year total Scope 3 emissions covered by target (metric tons CO2e)

0.000

(7.53.1.32) Total base year emissions covered by target in all selected Scopes (metric tons CO2e)

0.000

(7.53.1.34) Base year Scope 2 emissions covered by target as % of total base year emissions in Scope 2

100

(7.53.1.53) Base year emissions covered by target in all selected Scopes as % of total base year emissions in all selected Scopes

100

(7.53.1.54) End date of target

12/31/2030

(7.53.1.55) Targeted reduction from base year (%)

100

(7.53.1.56) Total emissions at end date of target covered by target in all selected Scopes (metric tons CO2e)

0.000

(7.53.1.58) Scope 2 emissions in reporting year covered by target (metric tons CO2e)

0

(7.53.1.77) Total emissions in reporting year covered by target in all selected scopes (metric tons CO2e)

0.000

(7.53.1.78) Land-related emissions covered by target

Select from:

☑ No, it does not cover any land-related emissions (e.g. non-FLAG SBT)

(7.53.1.80) Target status in reporting year

Select from:

☑ Achieved and maintained

(7.53.1.82) Explain target coverage and identify any exclusions

Target coverage is organization wide and includes all Scope 2 market-based purchased electricity emissions.

(7.53.1.83) Target objective

The target objective is intended to be aligned to the latest climate science and potential impending regulations.

(7.53.1.85) Target derived using a sectoral decarbonization approach

Select from:

☑ No

(7.53.1.86) List the emissions reduction initiatives which contributed most to achieving this target

Procuring green energy through our utility providers and landlords and purchasing renewable energy credits (RECs).
[Add row]

(7.54) Did you have any other climate-related targets that were active in the reporting year?

Select all that apply

☑ Targets to increase or maintain low-carbon energy consumption or production

(7.54.1) Provide details of your targets to increase or maintain low-carbon energy consumption or production.

Row 1

(7.54.1.1) Target reference number

Select from:

☑ Low 1

(7.54.1.2) Date target was set

09/04/2024

(7.54.1.3) Target coverage

Select from:

☑ Organization-wide

(7.54.1.4) Target type: energy carrier

Select from:

☑ Electricity

(7.54.1.5) Target type: activity

Select from:

☑ Consumption

(7.54.1.6) Target type: energy source

Select from:

☑ Renewable energy source(s) only

(7.54.1.7) End date of base year

12/31/2021

(7.54.1.8) Consumption or production of selected energy carrier in base year (MWh)

0

(7.54.1.9) % share of low-carbon or renewable energy in base year

100

(7.54.1.10) End date of target

12/31/2030

(7.54.1.11) % share of low-carbon or renewable energy at end date of target

100

(7.54.1.12) % share of low-carbon or renewable energy in reporting year

100

(7.54.1.14) Target status in reporting year

Select from:

☑ Achieved and maintained

(7.54.1.16) Is this target part of an emissions target?

Abs 1

(7.54.1.17) Is this target part of an overarching initiative?

Select all that apply

☑ Science Based Targets initiative

(7.54.1.19) Explain target coverage and identify any exclusions

This target covers all of our Scope 2, purchased electricity.

(7.54.1.20) Target objective

Rambus is working on our emissions reduction targets and expect this target to be in line with SBTi.

(7.54.1.22) List the actions which contributed most to achieving this target

Engaging with utility providers to enter green energy programs and purchasing renewable energy credits (RECs) for remaining electricity usage not covered by green energy programs.
[Add row]

(7.55) 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.

Select from:
☑ Yes

(7.55.1) 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	*0*	*`Numeric input*
To be implemented	*1*	*4*
Implementation commenced	*1*	*16476*

	Number of initiatives	Total estimated annual CO2e savings in metric tonnes CO2e (only for rows marked *)
Implemented	*1*	*1071*
Not to be implemented	*0*	*`Numeric input*

[Fixed row]

(7.55.2) Provide details on the initiatives implemented in the reporting year in the table below.

Row 1

(7.55.2.1) Initiative category & Initiative type

Low-carbon energy consumption

☑ Low-carbon electricity mix

(7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

1071

(7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

Select all that apply

☑ Scope 2 (market-based)

(7.55.2.4) Voluntary/Mandatory

Select from:

☑ Voluntary

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

7800

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

4170

(7.55.2.7) Payback period

Select from:

☑ <1 year

(7.55.2.8) Estimated lifetime of the initiative

Select from:

☑ 1-2 years

(7.55.2.9) Comment

Rambus procures green energy through our utility providers and building owners at our sites with the largest consumption. The metrics listed here represent our headquarters location and additional cost savings may be realized above this.
[Add row]

(7.55.3) What methods do you use to drive investment in emissions reduction activities?

Row 1

(7.55.3.1) Method

Select from:

☑ Dedicated budget for other emissions reduction activities

(7.55.3.2) Comment

We have a dedicated budget to purchase renewable energy credits (RECs).

Row 2

(7.55.3.1) Method

Select from:

☑ Dedicated budget for energy efficiency

(7.55.3.2) Comment

We have dedicated budget to implement energy efficiency projects in our facilities.
[Add row]

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

Select from:

☑ No, I am not providing data

(7.74) Do you classify any of your existing goods and/or services as low-carbon products?

Select from:

☑ No

(7.79) Has your organization canceled any project-based carbon credits within the reporting year?

Select from:

☑ No

C9. Environmental performance - Water security

(9.1) Are there any exclusions from your disclosure of water-related data?

Select from:
☑ No

(9.2) Across all your operations, what proportion of the following water aspects are regularly measured and monitored?

Water withdrawals – total volumes

(9.2.1) % of sites/facilities/operations

Select from:
☑ 100%

(9.2.2) Frequency of measurement

Select from:
☑ Monthly

(9.2.3) Method of measurement

We conduct an estimation approach.

(9.2.4) Please explain

In 2023, Rambus continued to estimate our water usage across our leased facilities using industry averages and Rambus headcount.

Water withdrawals – volumes by source

(9.2.1) % of sites/facilities/operations

Select from:

☑ Not relevant

(9.2.4) Please explain

To the best of our knowledge all water comes from municipal water source.

Water withdrawals quality

(9.2.1) % of sites/facilities/operations

Select from:

☑ Not relevant

(9.2.4) Please explain

Not applicable based on leased facilities and non-manufacturing operations.

Water discharges – total volumes

(9.2.1) % of sites/facilities/operations

Select from:

☑ Not relevant

(9.2.4) Please explain

Not applicable based on leased facilities and non-manufacturing operations.

Water discharges – volumes by destination

(9.2.1) % of sites/facilities/operations

Select from:

☑ Not relevant

(9.2.4) Please explain

Not applicable based on leased facilities and non-manufacturing operations.

Water discharges – volumes by treatment method

(9.2.1) % of sites/facilities/operations

Select from:
☑ Not relevant

(9.2.4) Please explain

Not applicable based on leased facilities and non-manufacturing operations.

Water discharge quality – by standard effluent parameters

(9.2.1) % of sites/facilities/operations

Select from:
☑ Not relevant

(9.2.4) Please explain

Not applicable based on leased facilities and non-manufacturing operations.

Water discharge quality – emissions to water (nitrates, phosphates, pesticides, and/or other priority substances)

(9.2.1) % of sites/facilities/operations

Select from:
☑ Not relevant

(9.2.4) Please explain

Not applicable based on leased facilities and non-manufacturing operations.

Water discharge quality – temperature

(9.2.1) % of sites/facilities/operations

Select from:
☑ Not relevant

(9.2.4) Please explain

Not applicable based on leased facilities and non-manufacturing operations.

Water consumption – total volume

(9.2.1) % of sites/facilities/operations

Select from:
☑ 100%

(9.2.2) Frequency of measurement

Select from:
☑ Yearly

(9.2.3) Method of measurement

We conduct an estimation approach.

(9.2.4) Please explain

Since we assume our water discharges equal withdrawals, with no known net consumption, we assume the percentage measured/monitored of consumption equals the % of withdrawals and discharges usage model (typical office building).

Water recycled/reused

(9.2.1) % of sites/facilities/operations

Select from:

☑ Not relevant

(9.2.4) Please explain

In 2023, Rambus continued to lease our office spaces from real estate owners or property management agencies in multi-tenant buildings.

The provision of fully-functioning, safely managed WASH services to all workers

(9.2.1) % of sites/facilities/operations

Select from:

☑ Not relevant

(9.2.4) Please explain

Not applicable based on leased facilities and non-manufacturing operations.
[Fixed row]

(9.2.2) What are the total volumes of water withdrawn, discharged, and consumed across all your operations, how do they compare to the previous reporting year, and how are they forecasted to change?

Total withdrawals

(9.2.2.1) Volume (megaliters/year)

5.2

(9.2.2.2) Comparison with previous reporting year

Select from:

☑ Higher

(9.2.2.3) Primary reason for comparison with previous reporting year

Select from:

☑ Increase/decrease in business activity

(9.2.2.4) Five-year forecast

Select from:

☑ About the same

(9.2.2.5) Primary reason for forecast

Select from:

☑ Increase/decrease in business activity

(9.2.2.6) Please explain

Rambus anticipates that the methodology used this year will be continued going forward and that office utilization will remain steady.

Total discharges

(9.2.2.1) Volume (megaliters/year)

5.2

(9.2.2.2) Comparison with previous reporting year

Select from:

☑ Higher

(9.2.2.3) Primary reason for comparison with previous reporting year

Select from:

☑ Increase/decrease in business activity

(9.2.2.4) Five-year forecast

Select from:

☑ About the same

(9.2.2.5) Primary reason for forecast

Select from:

☑ Increase/decrease in business activity

(9.2.2.6) Please explain

Rambus anticipates that the methodology used this year will be continued going forward and that office utilization will remain steady.

Total consumption

(9.2.2.1) Volume (megaliters/year)

0

(9.2.2.2) Comparison with previous reporting year

Select from:

☑ About the same

(9.2.2.3) Primary reason for comparison with previous reporting year

Select from:

☑ Increase/decrease in business activity

(9.2.2.4) Five-year forecast

Select from:

☑ About the same

(9.2.2.5) Primary reason for forecast

Select from:

☑ Increase/decrease in business activity

(9.2.2.6) Please explain

Rambus anticipates that our water usage will continue to primarily be used for hygiene and sanitation.
[Fixed row]

(9.2.4) Indicate whether water is withdrawn from areas with water stress, provide the volume, how it compares with the previous reporting year, and how it is forecasted to change.

(9.2.4.1) Withdrawals are from areas with water stress

Select from:

☑ Yes

(9.2.4.2) Volume withdrawn from areas with water stress (megaliters)

2.1

(9.2.4.3) Comparison with previous reporting year

Select from:

☑ Higher

(9.2.4.4) Primary reason for comparison with previous reporting year

Select from:

☑ Increase/decrease in business activity

(9.2.4.5) Five-year forecast

Select from:

☑ About the same

(9.2.4.6) Primary reason for forecast

Select from:

☑ Increase/decrease in business activity

(9.2.4.7) % of total withdrawals that are withdrawn from areas with water stress

40.38

(9.2.4.8) Identification tool

Select all that apply

☑ WRI Aqueduct

(9.2.4.9) Please explain

Rambus anticipates that the methodology used this year will be continued going forward and that office utilization will remain steady.
[Fixed row]

(9.3) In your direct operations and upstream value chain, what is the number of facilities where you have identified substantive water-related dependencies, impacts, risks, and opportunities?

Direct operations

(9.3.1) Identification of facilities in the value chain stage

Select from:

☑ No, we have assessed this value chain stage but did not identify any facilities with water-related dependencies, impacts, risks, and opportunities

(9.3.4) Please explain

Not applicable based on leased facilities and non-manufacturing operations

Upstream value chain

(9.3.1) Identification of facilities in the value chain stage

Select from:

☑ No, we have not assessed this value chain stage for facilities with water-related dependencies, impacts, risks, and opportunities, but we are planning to do so in the next 2 years

(9.3.4) Please explain

Within the next two years, Rambus plans to identify the number of facilities in the upstream value chain where substantive water-related dependencies, impacts, risks and/or opportunities exist.
[Fixed row]

(9.4) Could any of your facilities reported in 9.3.1 have an impact on a requesting CDP supply chain member?

Select from:

☑ No facilities were reported in 9.3.1

(9.5) Provide a figure for your organization's total water withdrawal efficiency.

	Revenue (currency)	Total water withdrawal efficiency	Anticipated forward trend
	461.1	*88.67*	*We anticipate to remain at about the same level of withdrawal and efficiency due to leased offices remaining similar in the future.*

[Fixed row]

(9.12) Provide any available water intensity values for your organization’s products or services.

Row 1

(9.12.1) Product name

Not Applicable.

(9.12.3) Numerator: Water aspect

Select from:

☑ Other, please specify **:**Rambus does not currently assess water intensity at the product level.

(9.12.4) Denominator

Rambus does not currently assess water intensity at the product level.

(9.12.5) Comment

Rambus does not currently assess water intensity at the product level.
[Add row]

(9.13) Do any of your products contain substances classified as hazardous by a regulatory authority?

	Products contain hazardous substances	Comment
	Select from: ☑ No	*None of Rambus' products contain substances classified as hazardous by a regulatory authority.*

[Fixed row]

(9.14) Do you classify any of your current products and/or services as low water impact?

	Products and/or services classified as low water impact	Primary reason for not classifying any of your current products and/or services as low water impact	Please explain
	Select from: ☑ No, and we do not plan to address this within the next two years	*Select from:* ☑ Other, please specify :Not applicable	*Our products are integrated into other products that do not consume or discharge water during use.*

[Fixed row]

(9.15) Do you have any water-related targets?

Select from:

☑ No, and we do not plan to within the next two years

(9.15.3) Why do you not have water-related target(s) and what are your plans to develop these in the future?

(9.15.3.1) Primary reason

Select from:

☑ Judged to be unimportant, explanation provided

(9.15.3.2) Please explain

While we do not set targets specific to water, we are committed to identifying the sources of water and other key resources used throughout our supply chain and working to ensure those resources are renewable whenever possible. In 2021, our Rambus headquarters in San Jose, California achieved Leadership in Energy and Environmental Design (LEED) Gold certification. Going forward, we will preferentially select facilities that are LEED certified, helping us to use less water and energy and reduce our greenhouse gas emissions.
[Fixed row]

C10. Environmental performance - Plastics

(10.1) Do you have plastics-related targets, and if so what type?

	Targets in place	Please explain
	Select from: ☑ No, and we do not plan to within the next two years	*Plastic is not a significant material used in Rambus' products.*

[Fixed row]

(10.2) Indicate whether your organization engages in the following activities.

Production/commercialization of plastic polymers (including plastic converters)

(10.2.1) Activity applies

Select from:
☑ No

(10.2.2) Comment

Plastic is not a significant material used in Rambus' products.

Production/commercialization of durable plastic goods and/or components (including mixed materials)

(10.2.1) Activity applies

Select from:

☑ No

(10.2.2) Comment

Plastic is not a significant material used in Rambus' products.

Usage of durable plastics goods and/or components (including mixed materials)

(10.2.1) Activity applies

Select from:

☑ No

(10.2.2) Comment

Plastic is not a significant material used in Rambus' products.

Production/commercialization of plastic packaging

(10.2.1) Activity applies

Select from:

☑ No

(10.2.2) Comment

Plastic is not a significant material used in Rambus' products.

Production/commercialization of goods/products packaged in plastics

(10.2.1) Activity applies

Select from:

☑ No

(10.2.2) Comment

Plastic is not a significant material used in Rambus' products.

Provision/commercialization of services that use plastic packaging (e.g., food services)

(10.2.1) Activity applies

Select from:
☑ No

(10.2.2) Comment

Plastic is not a significant material used in Rambus' products.

Provision of waste management and/or water management services

(10.2.1) Activity applies

Select from:
☑ No

(10.2.2) Comment

Plastic is not a significant material used in Rambus' products.

Provision of financial products and/or services for plastics-related activities

(10.2.1) Activity applies

Select from:
☑ No

(10.2.2) Comment

Plastic is not a significant material used in Rambus' products.

Other activities not specified

(10.2.1) Activity applies

Select from:

☑ No

(10.2.2) Comment

Plastic is not a significant material used in Rambus' products.
[Fixed row]

C11. Environmental performance - Biodiversity

(11.2) What actions has your organization taken in the reporting year to progress your biodiversity-related commitments?

(11.2.1) Actions taken in the reporting period to progress your biodiversity-related commitments

Select from:

☑ Yes, we are taking actions to progress our biodiversity-related commitments

(11.2.2) Type of action taken to progress biodiversity- related commitments

Select all that apply

☑ Land/water management

[Fixed row]

(11.3) Does your organization use biodiversity indicators to monitor performance across its activities?

	Does your organization use indicators to monitor biodiversity performance?
	Select from: ☑ No, we do not use indicators, but plan to within the next two years

[Fixed row]

(11.4) Does your organization have activities located in or near to areas important for biodiversity in the reporting year?

	Indicate whether any of your organization's activities are located in or near to this type of area important for biodiversity	Comment
Legally protected areas	*Select from:* ☑ Not assessed	*Not currently assessed.*
UNESCO World Heritage sites	*Select from:* ☑ Not assessed	*Not currently assessed.*
UNESCO Man and the Biosphere Reserves	*Select from:* ☑ Not assessed	*Not currently assessed.*
Ramsar sites	*Select from:* ☑ Not assessed	*Not currently assessed.*
Key Biodiversity Areas	*Select from:* ☑ Not assessed	*Not currently assessed.*
Other areas important for biodiversity	*Select from:* ☑ Not assessed	*Not currently assessed.*

[Fixed row]

C13. Further information & sign off

(13.1) Indicate if any environmental information included in your CDP response (not already reported in 7.9.1/2/3, 8.9.1/2/3/4, and 9.3.2) is verified and/or assured by a third party?

	Other environmental information included in your CDP response is verified and/or assured by a third party
	Select from: ☑ Yes

[Fixed row]

(13.1.1) Which data points within your CDP response are verified and/or assured by a third party, and which standards were used?

Row 1

(13.1.1.1) Environmental issue for which data has been verified and/or assured

Select all that apply

☑ Climate change

(13.1.1.2) Disclosure module and data verified and/or assured

Environmental performance – Climate change

☑ Electricity/Steam/Heat/Cooling consumption

☑ Fuel consumption

☑ Renewable Electricity/Steam/Heat/Cooling consumption

(13.1.1.3) Verification/assurance standard

Climate change-related standards

☑ ISO 14064-3

(13.1.1.4) Further details of the third-party verification/assurance process

Verification was conducted in accordance with ISO 14064-3: 2019 Specification with guidance for the validation and verification of greenhouse gas assertion, which is an approved verification standard accepted by CDP. The verification was led by an accredited Lead GHG Verifier.

(13.1.1.5) Attach verification/assurance evidence/report (optional)

2024 GHG verification Rambus Final Aug 28 2024.pdf
[Add row]

(13.3) Provide the following information for the person that has signed off (approved) your CDP response.

(13.3.1) Job title

Senior Director, Global Workplace

(13.3.2) Corresponding job category

Select from:

☑ Facilities manager
[Fixed row]

(13.4) Please indicate your consent for CDP to share contact details with the Pacific Institute to support content for its Water Action Hub website.

Select from:

☑ No