

Welcome to your CDP Climate Change Questionnaire 2023

C0. Introduction

C0.1

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

SES has a bold vision to deliver amazing experiences everywhere on earth by distributing the highest quality video content and providing seamless connectivity around the world. As the leader in global content connectivity solutions, SES operates the world's only multi-orbit constellation of satellites with the unique combination of global coverage and high performance, including the commercially-proven, low-latency Medium Earth Orbit O3b system. By leveraging a vast and intelligent, cloud-enabled network, SES is able to deliver high-quality connectivity solutions anywhere on land, at sea or in the air, and is a trusted partner to the world's leading telecommunications companies, mobile network operators, governments, connectivity and cloud service providers, broadcasters, video platform operators and content owners. SES's video network carries ~8,000 channels and has an unparalleled reach of 369 million households, delivering managed media services for both linear and non-linear content. The company is listed on Paris and Luxembourg stock exchanges (Ticker: SESG). Further information is available at: www.ses.com

C0.2

(C0.2) State the start and end date of the year for which you are reporting data and indicate whether you will be providing emissions data for past reporting years.

Reporting year

Start date

January 1, 2022

End date

December 31, 2022

Indicate if you are providing emissions data for past reporting years

No

C0.3

(C0.3) Select the countries/areas in which you operate.

Afghanistan
Argentina
Australia
Belgium
Bolivia (Plurinational State of)
Brazil
Bulgaria
Burkina Faso
Canada
Chile
China
Colombia
Costa Rica
Côte d'Ivoire
Cyprus
Djibouti
Ethiopia
Finland
France
Germany
Ghana
Greece
Guam
Hong Kong SAR, China
Iceland
India
Indonesia
Israel
Italy
Jamaica
Japan
Jordan
Kazakhstan
Kenya
Latvia
Luxembourg
Madagascar
Malaysia
Maldives
Mexico
Mongolia
Nepal
Netherlands

Nigeria
Norway
Oman
Pakistan
Palau
Paraguay
Peru
Philippines
Portugal
Puerto Rico
Republic of Korea
Romania
Russian Federation
Singapore
Slovenia
South Africa
Spain
Sweden
Switzerland
Tajikistan
Thailand
Ukraine
United Arab Emirates
United Kingdom of Great Britain and Northern Ireland
United States of America
Uzbekistan
Viet Nam

C0.4

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

EUR

C0.5

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

Operational control

C0.8

(C0.8) Does your organization have an ISIN code or another unique identifier (e.g., Ticker, CUSIP, etc.)?

Indicate whether you are able to provide a unique identifier for your organization	Provide your unique identifier
Yes, an ISIN code	LU0088087324

C1. Governance

C1.1

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

Yes

C1.1a

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

Position of individual or committee	Responsibilities for climate-related issues
Board-level committee	The Audit and Risk committee has oversight of the ESG strategy and climate related targets. The Remuneration committee is responsible for the senior leadership compensation associated with ESG targets including the reduction of GHG emissions for scope 1 & 2.

C1.1b

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

Frequency with which climate-related issues are a scheduled agenda item	Governance mechanisms into which climate-related issues are integrated	Please explain
Scheduled – all meetings	Reviewing and guiding strategy Overseeing the setting of corporate targets Monitoring progress towards corporate targets	The Audit and Risk committee regularly hears and provides guidance related to the company ESG strategy including climate. They have reviewed the targets set out in the strategy and offered guidance on next steps.

C1.1d

(C1.1d) Does your organization have at least one board member with competence on climate-related issues?

	Board member(s) have competence on climate-related issues	Primary reason for no board-level competence on climate-related issues	Explain why your organization does not have at least one board member with competence on climate-related issues and any plans to address board-level competence in the future
Row 1	No, but we plan to address this within the next two years	Important but not an immediate priority	Our ESG strategy has just been launched and is being integrated into the business strategy. Governance plans to address climate related matters are areas where we plan to take action but are not yet fully complete.

C1.2

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

Position or committee

General Counsel

Climate-related responsibilities of this position

Developing a climate transition plan
 Integrating climate-related issues into the strategy
 Setting climate-related corporate targets
 Monitoring progress against climate-related corporate targets
 Assessing climate-related risks and opportunities

Coverage of responsibilities

Reporting line

CEO reporting line

Frequency of reporting to the board on climate-related issues via this reporting line

Quarterly

Please explain

The ESG team sits within the Chief Legal Office and reports to the board quarterly on the ESG strategy inclusive of climate related strategy and targets

Position or committee

Chief Financial Officer (CFO)

Climate-related responsibilities of this position

Managing major capital and/or operational expenditures related to low-carbon products or services (including R&D)

Coverage of responsibilities

Reporting line

CEO reporting line

Frequency of reporting to the board on climate-related issues via this reporting line

Quarterly

Please explain

The CFO specifically approves major capital expenditures associated with improving our carbon footprint

C1.3

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

	Provide incentives for the management of climate-related issues	Comment
Row 1	Yes	As of 2022, we implemented incentives for our senior leadership associated with climate and diversity and inclusion.

C1.3a

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

Entitled to incentive

Corporate executive team

Type of incentive

Monetary reward

Incentive(s)

Bonus – set figure

Shares

Performance indicator(s)

Progress towards a climate-related target

Reduction in absolute emissions

Incentive plan(s) this incentive is linked to

Both Short-Term and Long-Term Incentive Plan

Further details of incentive(s)

incentive is linked to performance of an absolute reduction target of our global scope 1 & 2 emissions by end of the year 2025 to accelerate our 2030 50% reduction target. In addition, we have ESG targets related to our ESG strategy and specifically our percentage of women in people manager roles. We also include business objectives each year that are related to ESG and therefore influence the entire company's bonus target.

Explain how this incentive contributes to the implementation of your organization’s climate commitments and/or climate transition plan

incentive is linked to performance of an absolute reduction target of our global scope 1 & 2 emissions by end of the year 2025 to accelerate our 2030 50% reduction target.

C2. Risks and opportunities

C2.1

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

Yes

C2.1a

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

	From (years)	To (years)	Comment
Short-term	0	1	
Medium-term	1	5	
Long-term	5	10	

C2.1b

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

To minimise risks across the business and to achieve our objectives to create sustainable value for stakeholders, SES has identified potential risk areas relating to the Societal, Environmental, Social and Governance business activities.

This is part of SES' Risk and Internal Control system. For SES risk is defined in terms of i) the probability of occurrence over the Business Plan period and ii) financial impact of the risk materializing over the entire business plan period. Material or Substantive risks, are deemed to be those with an impact in excess of a EUR 20 million materiality threshold. Probability is defined as the estimated probability of the risk materializing with an impact in excess of the

materiality threshold. Impact is defined as the median value of the impact assuming that the risk materializes above the materiality threshold.

C2.2

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

Value chain stage(s) covered

Direct operations

Risk management process

Integrated into multi-disciplinary company-wide risk management process

Frequency of assessment

More than once a year

Time horizon(s) covered

Short-term

Medium-term

Long-term

Description of process

A Risk Management Team has been formed, including a Risk Management Coordinator, in order to ensure the adequate reporting of the risks facing SES and an overall implementation of the risk management policy and procedures by the SES Risk Management Group. The coordination of the implementation of the policy and regular preparation of risk management reports is the responsibility of the Risk Management Group that reports to the Senior Leadership Team.

C2.2a

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

	Relevance & inclusion	Please explain
Current regulation	Relevant, always included	SES monitors the regulations affecting our business as a European company to ensure compliance and effects on our business objectives. Our industry is not currently heavily affected by current regulations on climate.
Emerging regulation	Relevant, sometimes included	SES monitors the emerging regulations from the EU to mitigate and manage impacts on our business when related to a business objective. Nothing related to climate regulation has met the substantive threshold for our business, yet.

Technology	Relevant, always included	As a technology company, SES always includes risks associated with the development and launch of our technology in our risk assessments. Climate risks have not yet met the threshold of substantive risk in the development or launch of technology.
Legal	Relevant, always included	SES always complies with legal obligations in the countries where we operate and assesses legal compliance when applicable as a risk to our business objectives.
Market	Relevant, always included	The market in which we operate for satellite communications is changing drastically and is always evaluated in our risk assessments related to our business objectives. So far, climate change effects on our market are not reaching the substantive risk threshold.
Reputation	Relevant, sometimes included	SES evaluates our reputation in our risk assessment when necessary and relevant for a business objective. Things we might evaluate would be brand, trust and reputation due to failure to manage our business.
Acute physical	Relevant, sometimes included	Physical risks are sometimes relevant to implementing our business objectives and are assessed when relevant and meet the 20 million dollar threshold.
Chronic physical	Relevant, sometimes included	Changes to weather patterns could impact our business and are considered in our ESG strategic planning and impact. A full assessment is being done in 2022 and at this point these chronic physical risks are only considered if directly impacting a business objective in the short or medium term

C2.3

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

Yes

C2.3a

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

Identifier

Risk 1

Where in the value chain does the risk driver occur?

Direct operations

Risk type & Primary climate-related risk driver

Acute physical

Other, please specify

Heatwaves, heavy precipitation as well as hurricanes were identified

Primary potential financial impact

Increased direct costs

Company-specific description

Acute physical risks haven't had a significant impact on SES's operations to date but they can expected to occur in greater frequency and intensity in the future increasing SES' risk exposure. Heatwaves were identified as well as heavy precipitation and hurricanes. Physical hazards can damage both SES and third-party teleports and operations centres.

Time horizon

Unknown

Likelihood

More likely than not

Magnitude of impact

Unknown

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

Potential financial impact figure – minimum (currency)

Potential financial impact figure – maximum (currency)

Explanation of financial impact figure

Cost of response to risk

Description of response and explanation of cost calculation

Comment

Identifier

Risk 2

Where in the value chain does the risk driver occur?

Direct operations

Risk type & Primary climate-related risk driver

Emerging regulation
Enhanced emissions-reporting obligations

Primary potential financial impact

Increased direct costs

Company-specific description

Stakeholders, especially investors and regulators but also customers and employees play a large role in the future of climate-related disclosure and actions that SES must take in order to maintain reputational, market, and compliance expectations

Time horizon

Short-term

Likelihood

Virtually certain

Magnitude of impact

Unknown

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

Potential financial impact figure – minimum (currency)

Potential financial impact figure – maximum (currency)

Explanation of financial impact figure

Cost of response to risk

Description of response and explanation of cost calculation

Comment

Identifier

Risk 3

Where in the value chain does the risk driver occur?

Upstream

Risk type & Primary climate-related risk driver

Chronic physical
Changing temperature (air, freshwater, marine water)

Primary potential financial impact

Increased direct costs

Company-specific description

Rise in global temperature and sea level rise were identified as risks especially related to 3rd-party facilities and partner facilities

Time horizon

Long-term

Likelihood

Likely

Magnitude of impact

Unknown

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

Potential financial impact figure – minimum (currency)

Potential financial impact figure – maximum (currency)

Explanation of financial impact figure

Cost of response to risk

Description of response and explanation of cost calculation

Comment

C2.4

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

Yes

C2.4a

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

Identifier

Opp1

Where in the value chain does the opportunity occur?

Downstream

Opportunity type

Products and services

Primary climate-related opportunity driver

Development of climate adaptation, resilience and insurance risk solutions

Primary potential financial impact

Increased revenues resulting from increased demand for products and services

Company-specific description

Following extreme weather events, SES's technologies can provide essential satellite-based communications creating market opportunities and reputational benefits for the company

Time horizon

Unknown

Likelihood

More likely than not

Magnitude of impact

Unknown

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

Potential financial impact figure – minimum (currency)

Potential financial impact figure – maximum (currency)

Explanation of financial impact figure

Cost to realize opportunity

Strategy to realize opportunity and explanation of cost calculation

Comment

Identifier

Opp2

Where in the value chain does the opportunity occur?

Direct operations

Opportunity type

Energy source

Primary climate-related opportunity driver

Use of lower-emission sources of energy

Primary potential financial impact

Reduced direct costs

Company-specific description

Building energy efficiency- as we continue on our climate journey we could avoid costs and emissions for the company.

Time horizon

Medium-term

Likelihood

Very likely

Magnitude of impact

Medium-low

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

Potential financial impact figure – minimum (currency)

Potential financial impact figure – maximum (currency)

Explanation of financial impact figure

Cost to realize opportunity

Strategy to realize opportunity and explanation of cost calculation

Comment

Identifier

Opp3

Where in the value chain does the opportunity occur?

Direct operations

Opportunity type

Products and services

Primary climate-related opportunity driver

Development and/or expansion of low emission goods and services

Primary potential financial impact

Other, please specify

Could allow for access to new markets and help customers avoid costs

Company-specific description

Making the transition to low carbon technologies could result in providing opportunities for customers to avoid costs and emissions, could help to enter new markets and can help reduce emissions exposure by using renewable energy.

Time horizon

Long-term

Likelihood

More likely than not

Magnitude of impact

Unknown

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

Potential financial impact figure – minimum (currency)

Potential financial impact figure – maximum (currency)

Explanation of financial impact figure

Cost to realize opportunity

Strategy to realize opportunity and explanation of cost calculation

Comment

C3. Business Strategy

C3.1

(C3.1) Does your organization’s strategy include a climate transition plan that aligns with a 1.5°C world?

Row 1

Climate transition plan

No, but our strategy has been influenced by climate-related risks and opportunities, and we are developing a climate transition plan within two years

Explain why your organization does not have a climate transition plan that aligns with a 1.5°C world and any plans to develop one in the future

SES has committed to NetZero by no later that 2050 and to submitting SBTi targets. We have identified climate related risks and opporutnities and are undergoing a full climate scenario analysis and creation of a transition plan in the next 18 months.

C3.2

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

	Use of climate-related scenario analysis to inform strategy	Primary reason why your organization does not use climate-related scenario analysis to inform its strategy	Explain why your organization does not use climate-related scenario analysis to inform its strategy and any plans to use it in the future
Row 1	No, but we anticipate using qualitative and/or quantitative analysis in the next two years	Lack of internal resources	We plan to add climate related scenario analysis in early 2024 with the help of outside consultation to do a full analysis.

C3.3

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

	Have climate-related risks and opportunities influenced your strategy in this area?	Description of influence
Products and services	Yes	SES is aware of the additional needs for satellite services related to areas experiencing increased disasters and has developed products to meet the needs of communities in a disaster. Additionally, we have committed to life cycle assessments of our products and services to fully analyze the climate effects. Additional evaluation is being conducted at the end of 2022.
Supply chain and/or value chain	Evaluation in progress	SES has committed to a supply chain due diligence and sustainability program of our value chain. The evaluation of the risks and opportunities are ongoing here.
Investment in R&D	Evaluation in progress	We have acknowledged the differing ways in which investments need to be made to address our climate risks but are still evaluating specific strategic items.
Operations	Yes	We have committed to NetZero by 2050 and SBTi targets and have started to make changes to our operations in major offices through investments into new environmentally friendly technologies (i.e. LED lighting, invest in more efficient UPS systems etc.)

C3.4

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

	Financial planning elements that have been influenced	Description of influence
Row 1	Direct costs Capital expenditures Capital allocation	SES considers the implication of climate related risks and opportunities but as yet have not had full scenario analysis to quantify those risks. In 2022 and 2023 we have evaluated and committed to capex expenditures related to energy usage in our facilities.

C3.5

(C3.5) 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	
Row 1	No, but we plan to in the next two years

C4. Targets and performance

C4.1

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

Absolute target

C4.1a

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

Target reference number

Abs 1

Is this a science-based target?

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

Target ambition

1.5°C aligned

Year target was set

2022

Target coverage

Company-wide

Scope(s)

Scope 1

Scope 2

Scope 2 accounting method

Location-based

Scope 3 category(ies)

Base year

2019

Base year Scope 1 emissions covered by target (metric tons CO2e)

2,177

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

29,604

Base year Scope 3, Category 1: Purchased goods and services emissions covered by target (metric tons CO2e)

Base year Scope 3, Category 2: Capital goods emissions covered by target (metric tons CO2e)

Base year Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions covered by target (metric tons CO2e)

Base year Scope 3, Category 4: Upstream transportation and distribution emissions covered by target (metric tons CO2e)

Base year Scope 3, Category 5: Waste generated in operations emissions covered by target (metric tons CO2e)

Base year Scope 3, Category 6: Business travel emissions covered by target (metric tons CO2e)

Base year Scope 3, Category 7: Employee commuting emissions covered by target (metric tons CO2e)

Base year Scope 3, Category 8: Upstream leased assets emissions covered by target (metric tons CO2e)

Base year Scope 3, Category 9: Downstream transportation and distribution emissions covered by target (metric tons CO2e)

Base year Scope 3, Category 10: Processing of sold products emissions covered by target (metric tons CO2e)

Base year Scope 3, Category 11: Use of sold products emissions covered by target (metric tons CO2e)

Base year Scope 3, Category 12: End-of-life treatment of sold products emissions covered by target (metric tons CO2e)

Base year Scope 3, Category 13: Downstream leased assets emissions covered by target (metric tons CO2e)

Base year Scope 3, Category 14: Franchises emissions covered by target (metric tons CO2e)

Base year Scope 3, Category 15: Investments emissions covered by target (metric tons CO2e)

Base year Scope 3, Other (upstream) emissions covered by target (metric tons CO2e)

Base year Scope 3, Other (downstream) emissions covered by target (metric tons CO2e)

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

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

31,781

Base year Scope 1 emissions covered by target as % of total base year emissions in Scope 1

100

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

100

Base year Scope 3, Category 1: Purchased goods and services emissions covered by target as % of total base year emissions in Scope 3, Category 1: Purchased goods and services (metric tons CO2e)

Base year Scope 3, Category 2: Capital goods emissions covered by target as % of total base year emissions in Scope 3, Category 2: Capital goods (metric tons CO2e)

Base year Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions covered by target as % of total base year emissions in Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e)

Base year Scope 3, Category 4: Upstream transportation and distribution covered by target as % of total base year emissions in Scope 3, Category 4: Upstream transportation and distribution (metric tons CO2e)

Base year Scope 3, Category 5: Waste generated in operations emissions covered by target as % of total base year emissions in Scope 3, Category 5: Waste generated in operations (metric tons CO2e)

Base year Scope 3, Category 6: Business travel emissions covered by target as % of total base year emissions in Scope 3, Category 6: Business travel (metric tons CO2e)

Base year Scope 3, Category 7: Employee commuting covered by target as % of total base year emissions in Scope 3, Category 7: Employee commuting (metric tons CO2e)

Base year Scope 3, Category 8: Upstream leased assets emissions covered by target as % of total base year emissions in Scope 3, Category 8: Upstream leased assets (metric tons CO2e)

Base year Scope 3, Category 9: Downstream transportation and distribution emissions covered by target as % of total base year emissions in Scope 3, Category 9: Downstream transportation and distribution (metric tons CO2e)

Base year Scope 3, Category 10: Processing of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 10: Processing of sold products (metric tons CO2e)

Base year Scope 3, Category 11: Use of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 11: Use of sold products (metric tons CO2e)

Base year Scope 3, Category 12: End-of-life treatment of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 12: End-of-life treatment of sold products (metric tons CO2e)

Base year Scope 3, Category 13: Downstream leased assets emissions covered by target as % of total base year emissions in Scope 3, Category 13: Downstream leased assets (metric tons CO2e)

Base year Scope 3, Category 14: Franchises emissions covered by target as % of total base year emissions in Scope 3, Category 14: Franchises (metric tons CO2e)

Base year Scope 3, Category 15: Investments emissions covered by target as % of total base year emissions in Scope 3, Category 15: Investments (metric tons CO2e)

Base year Scope 3, Other (upstream) emissions covered by target as % of total base year emissions in Scope 3, Other (upstream) (metric tons CO2e)

Base year Scope 3, Other (downstream) emissions covered by target as % of total base year emissions in Scope 3, Other (downstream) (metric tons CO2e)

Base year total Scope 3 emissions covered by target as % of total base year emissions in Scope 3 (in all Scope 3 categories)

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

100

Target year

2030

Targeted reduction from base year (%)

50

Total emissions in target year covered by target in all selected Scopes (metric tons CO2e) [auto-calculated]

15,890.5

Scope 1 emissions in reporting year covered by target (metric tons CO2e)

1,082

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

26,342

Scope 3, Category 1: Purchased goods and services emissions in reporting year covered by target (metric tons CO2e)

Scope 3, Category 2: Capital goods emissions in reporting year covered by target (metric tons CO2e)

Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions in reporting year covered by target (metric tons CO2e)

Scope 3, Category 4: Upstream transportation and distribution emissions in reporting year covered by target (metric tons CO2e)

Scope 3, Category 5: Waste generated in operations emissions in reporting year covered by target (metric tons CO2e)

Scope 3, Category 6: Business travel emissions in reporting year covered by target (metric tons CO2e)

Scope 3, Category 7: Employee commuting emissions in reporting year covered by target (metric tons CO2e)

Scope 3, Category 8: Upstream leased assets emissions in reporting year covered by target (metric tons CO2e)

Scope 3, Category 9: Downstream transportation and distribution emissions in reporting year covered by target (metric tons CO2e)

Scope 3, Category 10: Processing of sold products emissions in reporting year covered by target (metric tons CO2e)

Scope 3, Category 11: Use of sold products emissions in reporting year covered by target (metric tons CO2e)

Scope 3, Category 12: End-of-life treatment of sold products emissions in reporting year covered by target (metric tons CO2e)

Scope 3, Category 13: Downstream leased assets emissions in reporting year covered by target (metric tons CO2e)

Scope 3, Category 14: Franchises emissions in reporting year covered by target (metric tons CO2e)

Scope 3, Category 15: Investments emissions in reporting year covered by target (metric tons CO2e)

Scope 3, Other (upstream) emissions in reporting year covered by target (metric tons CO2e)

Scope 3, Other (downstream) emissions in reporting year covered by target (metric tons CO2e)

Total Scope 3 emissions in reporting year covered by target (metric tons CO2e)

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

27,425

Does this target cover any land-related emissions?

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

% of target achieved relative to base year [auto-calculated]

27.4126050156

Target status in reporting year

Underway

Please explain target coverage and identify any exclusions

This is an absolute target for our total emissions in scope 1 and 2 with a baseline year of 2019. An overall 50% reduction by 2030 is expected.

Plan for achieving target, and progress made to the end of the reporting year

As we are just beginning we are identifying a full roadmap for achieving this. In the plan right now, we are looking at the reduction of refrigerants in scope 1 and the procurement of renewable electricity in scope 2. We have committed to completing life cycle assessments on our products and services which is not commonly done in our industry,

yet. Through this assessment, we will understand other ways to innovate and reduce our emissions.

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

C4.2

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

Net-zero target(s)

C4.2c

(C4.2c) Provide details of your net-zero target(s).

Target reference number

NZ1

Target coverage

Company-wide

Absolute/intensity emission target(s) linked to this net-zero target

Abs1

Target year for achieving net zero

2050

Is this a science-based target?

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

Please explain target coverage and identify any exclusions

This is a company wide Net Zero target including scope 1, 2, and 3 (categories 1, 2, 3,4, and 5)

Do you intend to neutralize any unabated emissions with permanent carbon removals at the target year?

Yes

Planned milestones and/or near-term investments for neutralization at target year

2030 absolute target of 50% is a milestone. Completion of our Lifecycle Assessments by 2030 will also inform our investment particularly related to scope 3 emissions and where we need to invest for carbon removals.

Planned actions to mitigate emissions beyond your value chain (optional)

SES is working across the space with various working groups on decarbonization in the space industry.

C4.3

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

Yes

C4.3a

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

	Number of initiatives	Total estimated annual CO2e savings in metric tonnes CO2e (only for rows marked *)
Under investigation	27	
To be implemented*	2	56.14
Implementation commenced*	0	0
Implemented*	6	233.91
Not to be implemented	5	

C4.3b

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

Initiative category & Initiative type

Energy efficiency in buildings

Other, please specify

Uninterruptible power supply (UPS) system efficiency

Estimated annual CO2e savings (metric tonnes CO2e)

3.82

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

Scope 2 (location-based)

Voluntary/Mandatory

Voluntary

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

3,204

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

49,960

Payback period

16-20 years

Estimated lifetime of the initiative

16-20 years

Comment

Bucharest - UPS system replacement

Initiative category & Initiative type

Energy efficiency in buildings

Lighting

Estimated annual CO2e savings (metric tonnes CO2e)

4.94

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

Scope 2 (location-based)

Voluntary/Mandatory

Voluntary

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

1,566

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

4,749

Payback period

4-10 years

Estimated lifetime of the initiative

16-20 years

Comment

Manassas WMP Warehouse - 80 fluorescent lights replaced with 40 LED lights

Initiative category & Initiative type

Energy efficiency in buildings

Heating, Ventilation and Air Conditioning (HVAC)

Estimated annual CO2e savings (metric tonnes CO2e)

12.37

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

Scope 2 (location-based)

Voluntary/Mandatory

Voluntary

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

8,000

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

49,314

Payback period

4-10 years

Estimated lifetime of the initiative

16-20 years

Comment

Munich teleport: exchange of UPS room cooling system A-side

Initiative category & Initiative type

Energy efficiency in buildings
Heating, Ventilation and Air Conditioning (HVAC)

Estimated annual CO2e savings (metric tonnes CO2e)

48.95

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

Scope 2 (location-based)

Voluntary/Mandatory

Voluntary

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

19,181

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

24,982

Payback period

1-3 years

Estimated lifetime of the initiative

16-20 years

Comment

Woodbine - Efficient HVAC system installed in PMOC area

Initiative category & Initiative type

Energy efficiency in buildings
Heating, Ventilation and Air Conditioning (HVAC)

Estimated annual CO2e savings (metric tonnes CO2e)

5.78

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

Scope 2 (location-based)

Voluntary/Mandatory

Voluntary

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

2,265

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

2,950

Payback period

1-3 years

Estimated lifetime of the initiative

Comment

Woodbine - Efficient Fujitsu Make cassette type HVAC system

Initiative category & Initiative type

Energy efficiency in buildings
Insulation

Estimated annual CO2e savings (metric tonnes CO2e)

158.05

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

Scope 2 (location-based)

Voluntary/Mandatory

Voluntary

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

60,843

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

357,525

Payback period

4-10 years

Estimated lifetime of the initiative

16-20 years

Comment

Woodbine - Building exterior façade replacement (effective insulation)

C4.3c

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

Method	Comment
Partnering with governments on technology development	In Luxembourg, SES currently participates in the new Voluntary Agreement between the Luxembourgish Government, My Energy GIE and FEDIL, which started in 2021 and runs until the end of 2023. This program sets a general energy efficiency improvement target of 4.5% until the end of 2023 compared to the reference years 2018/2019. To achieve this goal, SES undertakes initiatives to improve the energy efficiency of its technical facilities such as HVAC, UPS, lighting systems etc and engages in the implementation of ISO50001 energy management system.
Dedicated budget for energy efficiency	
Employee engagement	At SES, we are committed to operating our business in a socially responsible way. We take this responsibility seriously and define ambitious objectives for how we approach the environmental and ecological profile of the business.
Compliance with regulatory requirements/standards	

C4.5

(C4.5) Do you classify any of your existing goods and/or services as low-carbon products?

Yes

C4.5a

(C4.5a) Provide details of your products and/or services that you classify as low-carbon products.

Level of aggregation

Product or service

Taxonomy used to classify product(s) or service(s) as low-carbon

No taxonomy used to classify product(s) or service(s) as low carbon

Type of product(s) or service(s)

Other

Other, please specify

Satellite-based communication

Description of product(s) or service(s)

Satellite-based communication: Using satellite-based communication for broadcasting, the same amount of data can be distributed or broadcast to a comparable number of recipient households using less energy (and generating less emissions) than by using terrestrial networks.

Have you estimated the avoided emissions of this low-carbon product(s) or service(s)

No

Methodology used to calculate avoided emissions

Life cycle stage(s) covered for the low-carbon product(s) or services(s)

Functional unit used

Reference product/service or baseline scenario used

Life cycle stage(s) covered for the reference product/service or baseline scenario

Estimated avoided emissions (metric tons CO₂e per functional unit) compared to reference product/service or baseline scenario

Explain your calculation of avoided emissions, including any assumptions

Revenue generated from low-carbon product(s) or service(s) as % of total revenue in the reporting year

C5. Emissions methodology

C5.1

(C5.1) Is this your first year of reporting emissions data to CDP?

No

C5.1a

(C5.1a) 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?

Row 1

Has there been a structural change?

Yes, an acquisition

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

SES acquired DRS Global Enterprise Solutions (GES)

Details of structural change(s), including completion dates

Effective August 1, 2022

C5.1b

(C5.1b) Has your emissions accounting methodology, boundary, and/or reporting year definition changed in the reporting year?

	Change(s) in methodology, boundary, and/or reporting year definition?	Details of methodology, boundary, and/or reporting year definition change(s)
Row 1	Yes, a change in methodology	<p>Vendor emission calculations for Categories 1,2 and 4 for Calendar year 2021 were undertaken using a spend-based approach where spend-based emission factors (expressed in kgCO2e/USD) from the Environmentally Extended Input Output CEDA V5 database have been employed for the emission calculations. Each line item in SES's procurement spend was mapped to the relevant CEDA category and categorized accordingly in each relevant Scope 3 Category (namely Category 1, 2 and 4).</p> <p>For 2022, a methodology change occurred where a different spend-based emission factor database was used. The emission factors applied for this year's calculation were retrieved from the Supply Chain Greenhouse Gas Emission Factors v1.2 by NAICS-6. The</p>

		Supply Chain Greenhouse Gas Emission Factors from the EPA uses the USEEIO processes and link them to National Greenhouse Gas Industry Attribution Model (NGIAM) to create emission factors that account for all cradle-to-gate emissions. Similar to CEDA v.5 these emission factors are based on the economic activities of the United States and are expressed in kgCO2e/USD. Similarly, all vendor line items were mapped to a specific category of the USEEIO database and categorized accordingly in each relevant Scope 3 Category (namely Category 1, 2 and 4).
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C5.1c

(C5.1c) Have your organization’s base year emissions and past years’ emissions been recalculated as a result of any changes or errors reported in C5.1a and/or C5.1b?

	Base year recalculation	Scope(s) recalculated	Base year emissions recalculation policy, including significance threshold	Past years’ recalculation
Row 1	Yes	Scope 3	We recalculated our Scope 3 emissions for a 2019 base year to include additional Scope 3 categories #1 #2 and #4. These are being compiled for SBTi review.	No

C5.2

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

Scope 1

Base year start

January 1, 2019

Base year end

December 31, 2019

Base year emissions (metric tons CO2e)

2,177

Comment

Scope 2 (location-based)

Base year start

January 1, 2019

Base year end

December 31, 2019

Base year emissions (metric tons CO2e)

29,604

Comment

Scope 2 (market-based)

Base year start

January 1, 2019

Base year end

December 31, 2019

Base year emissions (metric tons CO2e)

32,843

Comment

Scope 3 category 1: Purchased goods and services

Base year start

January 1, 2019

Base year end

December 31, 2019

Base year emissions (metric tons CO2e)

138,033

Comment

SES has committed to NetZero by no later that 2050 and to submitting SBTi targets.
Scope#3 for the year 2019 has been recalculated with extended boundaries for cat#1-7.

Scope 3 category 2: Capital goods

Base year start

January 1, 2019

Base year end

December 31, 2019

Base year emissions (metric tons CO2e)

30,331

Comment

2021 was the first year SES reported on capital goods (Scope#3 cat#2).
SES has committed to NetZero by no later that 2050 and to submitting SBTi targets.
Scope#3 for the year 2019 has been recalculated with extended boundaries for cat#1-7.

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

Base year start

January 1, 2019

Base year end

December 31, 2019

Base year emissions (metric tons CO2e)

1,862

Comment

2013 was the first year SES reported on fuel & energy related activities (Scope#3 cat#3)
SES has committed to NetZero by no later that 2050 and to submitting SBTi targets.
Scope#3 for the year 2019 has been recalculated with extended boundaries for cat#1-7.

Scope 3 category 4: Upstream transportation and distribution

Base year start

January 1, 2019

Base year end

December 31, 2019

Base year emissions (metric tons CO2e)

2,447

Comment

2012 was the first year SES reported on Upstream transportation (Scope#3 cat#4)
SES has committed to NetZero by no later that 2050 and to submitting SBTi targets.
Scope#3 for the year 2019 has been recalculated with extended boundaries for cat#1-7.

Scope 3 category 5: Waste generated in operations

Base year start

January 1, 2019

Base year end

December 31, 2019

Base year emissions (metric tons CO2e)

167

Comment

SES has committed to NetZero by no later that 2050 and to submitting SBTi targets.
Scope#3 for the year 2019 has been recalculated with extended boundaries for cat#1-7.

Scope 3 category 6: Business travel

Base year start

January 1, 2019

Base year end

December 31, 2019

Base year emissions (metric tons CO2e)

5,842

Comment

SES has committed to NetZero by no later than 2050 and to submitting SBTi targets.
Scope#3 for the year 2019 has been recalculated with extended boundaries for cat#1-7.

Scope 3 category 7: Employee commuting

Base year start

January 1, 2019

Base year end

December 31, 2019

Base year emissions (metric tons CO2e)

8,135

Comment

2013 was the first year SES reported on Employee commuting (Scope#3 cat#7)
SES has committed to NetZero by no later than 2050 and to submitting SBTi targets.
Scope#3 for the year 2019 has been recalculated with extended boundaries for cat#1-7.

Scope 3 category 8: Upstream leased assets

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 9: Downstream transportation and distribution

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 10: Processing of sold products

Base year start

Base year end

Base year emissions (metric tons CO₂e)

Comment

Scope 3 category 11: Use of sold products

Base year start

Base year end

Base year emissions (metric tons CO₂e)

Comment

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

Base year start

Base year end

Base year emissions (metric tons CO₂e)

Comment

Scope 3 category 13: Downstream leased assets

Base year start

Base year end

Base year emissions (metric tons CO₂e)

Comment

Scope 3 category 14: Franchises

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 15: Investments

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3: Other (upstream)

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3: Other (downstream)

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

C5.3

(C5.3) Select the name of the standard, protocol, or methodology you have used to collect activity data and calculate emissions.

- Defra Environmental Reporting Guidelines: Including streamlined energy and carbon reporting guidance, 2019
- IEA CO2 Emissions from Fuel Combustion
- IPCC Guidelines for National Greenhouse Gas Inventories, 2006
- The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
- The Greenhouse Gas Protocol: Scope 2 Guidance

C6. Emissions data

C6.1

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

Reporting year

Gross global Scope 1 emissions (metric tons CO2e)

1,082

Comment

C6.2

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

Row 1

Scope 2, location-based

We are reporting a Scope 2, location-based figure

Scope 2, market-based

We are reporting a Scope 2, market-based figure

Comment

The methodology used follows as closely as possible the guidelines outlined in the Greenhouse Gas Protocol (GHG): A Corporate Accounting and Reporting Standard (Revised Edition) and Defra Environmental Reporting Guidelines: Including streamlined energy and carbon reporting guidance, 2019, the International Energy Agency's (IEA)

CO2 Emissions from Fuel Combustion and The Greenhouse Gas Protocol: Scope 2 Guidance. The Scope 2 market-based emissions factors were chosen in line with the GHG Protocol recommendations. For low occupancy sites, assumptions were made based on average electricity, gas and travel data at main offices sites. A data collection questionnaire was circulated to 14 main SES global sites in order to collect activity data. 139 small offices / low occupancy sites and 228 third party teleports and data centers ('co-locations') were included in the data collection exercise. These sites generally consist of electronic equipment in a data centre or teleport. In order to calculate GHG emissions, when electrical power consumption was not known, it was estimated.

C6.3

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

Reporting year

Scope 2, location-based

26,342

Scope 2, market-based (if applicable)

22,898

Comment

The methodology used follows as closely as possible the guidelines outlined in the Greenhouse Gas Protocol (GHG): A Corporate Accounting and Reporting Standard (Revised Edition) and Defra Environmental Reporting Guidelines: Including streamlined energy and carbon reporting guidance, 2019, the International Energy Agency's (IEA) CO2 Emissions from Fuel Combustion and The Greenhouse Gas Protocol: Scope 2 Guidance. The Scope 2 market-based emissions factors were chosen in line with the GHG Protocol recommendations. For low occupancy sites, assumptions were made based on average electricity, gas and travel data at main offices sites. A data collection questionnaire was circulated to 14 main SES global sites in order to collect activity data. 139 small offices / low occupancy sites and 228 third party teleports and data centers ('colocations') were included in the data collection exercise. These sites generally consist of electronic equipment in a data centre or teleport. In order to calculate GHG emissions, when electrical power consumption was not known, it was estimated.

C6.4

(C6.4) 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?

No

C6.5

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

Purchased goods and services

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO2e)

116,106

Emissions calculation methodology

Spend-based method

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

Please explain

Extended scope 3 inventory by calculations relating to the following 3 categories in 2021:

Cat.1: Purchased Goods and Services

- Embedded emissions of all goods and services purchased by your organisation in the reporting year.
- Expenditures relating to SES OPEX.

Purchased goods and services & Capital goods (Category 1 & 2) :

The Supply Chain Greenhouse Gas Emission Factors v1.2 NAICS-6 Datasets from the EPA, which uses the USEEIO, was used to identify commodity specific emissions factors (in kgCO₂eq/monetary unit) to apply to the spend data for each spend category provided in SES's purchase ledgers.

The emission factors from this dataset cover all upstream (i.e., cradle-to-gate) emissions from the production of products and services purchased or acquired by SES in the reporting year.

► Cat.1 & 2 were found to be most material Scope 3 categories for SES's operations and together constitute more than 90% of SES's footprint for 2022.

The categories have been calculated using a Spend-based approach. A spend-based approach estimates emissions by collecting data on the economic value of different purchases and multiplying it by relevant emission factors (e.g. average emissions per monetary value) that have been derived from Environmentally Extended Input Output tables.

Data of the different purchases was extracted from the SAP platform by the SES Procurement team.

The emissions factors used were derived from the Supply Chain Greenhouse Gas Emission Factors v1.2 NAICS-6 Dataset. This dataset was derived from the USEEIO and values were linked to the National Greenhouse Gas Industry Attribution Model (NGIAM) with the NAICS-6 industry codes to account for all upstream emissions. This

dataset provides emission factors for 1016 commodities. Emissions are represented in kgCO₂e/USD for 2021. All factors were adapted to 2022 using the average US Consumer Price Index for 2021 and 2022 and spending was transferred to USD using the average 2022 conversion rate between EUR and USD.

Capital goods

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO₂e)

179,210

Emissions calculation methodology

Spend-based method

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

Please explain

Extended scope 3 inventory by calculations relating to the following 3 categories in 2021:

Cat.1: Purchased Goods and Services

- Embedded emissions of all goods and services purchased by your organisation in the reporting year.
- Expenditures relating to SES OPEX.

Purchased goods and services & Capital goods (Category 1 & 2)

The Supply Chain Greenhouse Gas Emission Factors v1.2 NAICS-6 Datasets from the EPA, which uses the USEEIO, was used to identify commodity specific emissions factors (in kgCO₂eq/monetary unit) to apply to the spend data for each spend category provided in SES's purchase ledgers.

The emission factors from this dataset cover all upstream (i.e., cradle-to-gate) emissions from the production of products and services purchased or acquired by SES in the reporting year.

► Cat.1 & 2 were found to be most material Scope 3 categories for SES's operations and together constitute more than 90% of SES's footprint for 2022.

The categories have been calculated using a Spend-based approach. A spend-based approach estimates emissions by collecting data on the economic value of different purchases and multiplying it by relevant emission factors (e.g. average emissions per monetary value) that have been derived from Environmentally Extended Input Output tables.

Data of the different purchases was extracted from the SAP platform by the SES Procurement team.

The emissions factors used were derived from the Supply Chain Greenhouse Gas Emission Factors v1.2 NAICS-6 Dataset. This dataset was derived from the USEEIO and values were linked to the National Greenhouse Gas Industry Attribution Model (NGIAM) with the NAICS-6 industry codes to account for all upstream emissions. This dataset provides emission factors for 1016 commodities. Emissions are represented in

kgCO₂e/USD for 2021. All factors were adapted to 2022 using the average US Consumer Price Index for 2021 and 2022 and spending was transferred to USD using the average 2022 conversion rate between EUR and USD.

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

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO₂e)

1,345

Emissions calculation methodology

Other, please specify
IAE factors used

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

0

Please explain

SES has not yet requested emissions data from suppliers or value chain partners but we are looking into it.

Upstream transportation and distribution

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO₂e)

1,827

Emissions calculation methodology

Spend-based method

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

0

Please explain

SES has not yet requested emissions data from suppliers or value chain partners but we are looking into it.

Waste generated in operations

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO₂e)

37

Emissions calculation methodology

Other, please specify

Green Gas Conversion Factor Repository used

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

0

Please explain

SES has not yet requested emissions data from suppliers or value chain partners but we are looking into it.

Business travel

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO₂e)

3,429

Emissions calculation methodology

Hybrid method

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

90

Please explain

Activity data was collected from sites relating distances traveled on company business by road, air and rail in 2022. Distances traveled on company by air and rental cars are given by FCM Travel solutions report.

Employee commuting

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO₂e)

2,154

Emissions calculation methodology

Average data method

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

0

Please explain

Teleworking has been introduced from March 2020. 50% of non-operational works can be done from home office.

Upstream leased assets

Evaluation status

Not relevant, explanation provided

Please explain

Category 8 – Upstream Leased Assets – SES does not own and lease to other entities within the reporting year.

Any leased asset is fully operated by SES, so therefore all relevant emissions are accounted within Scope 1 and 2.

Downstream transportation and distribution

Evaluation status

Not relevant, explanation provided

Please explain

Category 9 – Downstream transportation - Not relevant for SES as sold products are services (not transported in vehicles)

Processing of sold products

Evaluation status

Not relevant, explanation provided

Please explain

Category 10 - Processing of Sold Product – SES does not sell intermediary products.

Use of sold products

Evaluation status

Not relevant, explanation provided

Please explain

Category 11- Use of sold products – SES does not have any sold products. The emissions relating to the satellites procured have been accounted in Category. Any relevant electricity that was used for the operation or interaction with the satellites is included in Scope 2.

End of life treatment of sold products

Evaluation status

Not relevant, explanation provided

Please explain

Category 12 End-of-Life treatment of Sold Products – SES is a service provider and therefore does not treat any sold products.

Downstream leased assets

Evaluation status

Not relevant, explanation provided

Please explain

Category 13 – Downstream Leased Assets – SES does not own and lease to other entities within the reporting year.

Any leased asset is fully operated by SES, so therefore all relevant emissions are accounted within Scope 1 and 2.

Franchises

Evaluation status

Not relevant, explanation provided

Please explain

Category 14 Franchises – SES does not operate any franchises.

Investments

Evaluation status

Not relevant, explanation provided

Please explain

Category 15 Investments – No relevant investments were identified.

Other (upstream)

Evaluation status

Not evaluated

Please explain

Other (downstream)

Evaluation status

Not evaluated

Please explain

C6.7

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

No

C6.10

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

Intensity figure

14.11

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

27,425

Metric denominator

unit total revenue

Metric denominator: Unit total

1,944

Scope 2 figure used

Location-based

% change from previous year

2.76

Direction of change

Decreased

Reason(s) for change

Other, please specify

Acquisition, Change in Output, Change in revenue and other circumstances

Please explain

The revenue increase is higher than the increase in energy consumption. Although SES had an acquisition in 2022 operations were all in all run more efficiently, many energy saving initiatives have been put in place.

Intensity figure

11.83

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

27,425

Metric denominator

full time equivalent (FTE) employee

Metric denominator: Unit total

2,318

Scope 2 figure used

Location-based

% change from previous year

5.82

Direction of change

Decreased

Reason(s) for change

Unidentified

Please explain

C7. Emissions breakdowns

C7.1

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

Yes

C7.1a

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

Greenhouse gas	Scope 1 emissions (metric tons of CO2e)	GWP Reference
HFCs	530	Other, please specify DEFRA GHG Reporting Guidelines
Other, please specify Diesel/Gas oil	207.08	Other, please specify DEFRA GHG Reporting Guidelines
Other, please specify natural gas	242.66	Other, please specify DEFRA GHG Reporting Guidelines
Other, please specify Propane	44.19	Other, please specify DEFRA GHG Reporting Guidelines
Other, please specify LPG	24.49	Other, please specify DEFRA GHG Reporting Guidelines

C7.2

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

Country/area/region	Scope 1 emissions (metric tons CO2e)
Australia	1.91

Belgium	0.65
Canada	1.08
France	1.4
Italy	1
Germany	95.77
Greece	0.25
Israel	27
China	0.29
Latvia	0.36
Luxembourg	321.07
Netherlands	147.03
Romania	11.9
Russian Federation	0.54
Finland	0.54
Italy	0.58
Spain	0.25
Switzerland	0.58
United Kingdom of Great Britain and Northern Ireland	6.62
Ukraine	3.7
United States of America	458.04
Sweden	1.8
Slovenia	0.54
Pakistan	0.22

C7.3

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

By facility

C7.3b

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

Facility	Scope 1 emissions (metric tons CO2e)	Latitude	Longitude
Offices	274	52.095556	4.284722
Teleports	347	39.376111	77.081111
Teleport/Office	429	49.693611	6.330833
SOHO	32	39.757778	105.220803

C7.5

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

Country/area/region	Scope 2, location-based (metric tons CO ₂ e)	Scope 2, market-based (metric tons CO ₂ e)
Argentina	5.1	5.1
Australia	1,251.37	1,251.16
Belgium	1.3	1.44
Bolivia (Plurinational State of)	2.68	2.68
Brazil	179.1	179.1
Canada	124.68	124.68
Colombia	71.46	71.46
Djibouti	94.91	94.91
Hong Kong SAR, China	202.67	202.67
Bulgaria	12.71	16.31
France	10.5	24.25
Germany	3,020	517.2
Ghana	103.18	103.18
Cyprus	42.72	42.57
Greece	311.76	510.04
India	51.92	51.92
Indonesia	286.92	286.92
Israel	3,340.49	3,340.49
Italy	112.43	191.07
Kazakhstan	20.08	20.08
Kenya	8.85	8.85
Latvia	19.73	91.93
Luxembourg	2,080.37	0
Malaysia	131.97	131.97
Mexico	104	104
Nigeria	45.96	45.96
Pakistan	140.21	140.21
Finland	0.36	2.6
Peru	183.02	183.02
Philippines	102.83	102.83
Netherlands	179.68	251.91

Portugal	157.59	470.59
Romania	100.74	101.12
Russian Federation	26.95	26.95
Singapore	53.75	53.75
South Africa	94.95	94.95
Spain	6.02	11.02
Sweden	2.39	6.47
Switzerland	0.54	0
Republic of Korea	48.73	48.73
Costa Rica	0	0
Ukraine	152.81	152.81
United Arab Emirates	261.56	261.56
United Kingdom of Great Britain and Northern Ireland	522.96	867.99
United States of America	12,117.28	12,120.67
Burkina Faso	2.71	2.71
Chile	243.18	243.18
China	3.1	3.1
Côte d'Ivoire	1.58	1.58
Costa Rica	0	0
Slovenia	1.1	1.85
Iceland	0	9.31
Jamaica	8.53	8.53
Japan	16.16	16.16
Madagascar	9.49	9.49
Maldives	11.04	11.04
Mongolia	19.09	19.09
Nepal	8.28	8.28
Norway	0.14	17.6
Oman	6.85	6.85
Palau	110.41	110.41
Paraguay	0	0
Puerto Rico	5.87	5.87
Thailand	24.06	24.06
Tajikistan	2.51	2.51
Uzbekistan	8.21	8.21

Viet Nam	22.02	22.02
Guam	8.28	8.28
Afghanistan	22.08	22.08
Jordan	18.48	18.48
Ethiopia	0	0

C7.6

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

By facility

C7.6b

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

Facility	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
Offices	2,545	2,610
Teleport	15,353	15,950
Teleport/Offices	4,939	124
SOHO	751	851
Colocations	922	1,234
Government facilities	1,832	2,128

C7.7

(C7.7) Is your organization able to break down your emissions data for any of the subsidiaries included in your CDP response?

No

C7.9

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

Increased

C7.9a

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

	Change in emissions (metric tons CO2e)	Direction of change in emissions	Emissions value (percentage)	Please explain calculation
Change in renewable energy consumption				
Other emissions reduction activities	233.91	Decreased	0.85	Energy efficiency initiatives explained in C4.3b
Divestment				
Acquisitions				
Mergers				
Change in output				
Change in methodology				
Change in boundary				
Change in physical operating conditions				
Unidentified				
Other				

C7.9b

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

Location-based

C8. Energy

C8.1

(C8.1) What percentage of your total operational spend in the reporting year was on energy?

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

C8.2

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

	Indicate whether your organization undertook this energy-related activity in the reporting year
--	---

Consumption of fuel (excluding feedstocks)	Yes
Consumption of purchased or acquired electricity	Yes
Consumption of purchased or acquired heat	Yes
Consumption of purchased or acquired steam	No
Consumption of purchased or acquired cooling	No
Generation of electricity, heat, steam, or cooling	No

C8.2a

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

	Heating value	MWh from renewable sources	MWh from non-renewable sources	Total (renewable and non-renewable) MWh
Consumption of fuel (excluding feedstock)	HHV (higher heating value)	0	2,470	2,470
Consumption of purchased or acquired electricity		29,237	58,296	87,533
Consumption of purchased or acquired heat		0	191	191
Total energy consumption		29,237	60,957	90,194

C8.2b

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

	Indicate whether your organization undertakes this fuel application
Consumption of fuel for the generation of electricity	Yes
Consumption of fuel for the generation of heat	Yes

Consumption of fuel for the generation of steam	No
Consumption of fuel for the generation of cooling	No
Consumption of fuel for co-generation or tri-generation	No

C8.2c

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

Sustainable biomass

Heating value

Total fuel MWh consumed by the organization

MWh fuel consumed for self-generation of electricity

MWh fuel consumed for self-generation of heat

Comment

Other biomass

Heating value

Total fuel MWh consumed by the organization

MWh fuel consumed for self-generation of electricity

MWh fuel consumed for self-generation of heat

Comment

Other renewable fuels (e.g. renewable hydrogen)

Heating value

Total fuel MWh consumed by the organization

MWh fuel consumed for self-generation of electricity

MWh fuel consumed for self-generation of heat

Comment

Coal

Heating value

Total fuel MWh consumed by the organization

MWh fuel consumed for self-generation of electricity

MWh fuel consumed for self-generation of heat

Comment

Oil

Heating value

HHV

Total fuel MWh consumed by the organization

767

MWh fuel consumed for self-generation of electricity

0

MWh fuel consumed for self-generation of heat

767

Comment

Diesel oil is mainly being used for building heating systems and warm water production. Regarding fuel usage for electricity generation: diesel fuels are only being used in case of emergency for electricity generation (back-up diesel generators)

Gas

Heating value

HHV

Total fuel MWh consumed by the organization

1,703

MWh fuel consumed for self-generation of electricity

0

MWh fuel consumed for self-generation of heat

1,703

Comment

Gas usage mainly for building heating systems, warm water and antenna heating systems

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

Heating value

Total fuel MWh consumed by the organization

MWh fuel consumed for self-generation of electricity

MWh fuel consumed for self-generation of heat

Comment

Total fuel

Heating value

HHV

Total fuel MWh consumed by the organization

2,470

MWh fuel consumed for self-generation of electricity

0

MWh fuel consumed for self-generation of heat

2,470

Comment

Regarding fuel usage for electricity generation: diesel fuels are only being used in case of emergency for electricity generation (back-up diesel generators)

C8.2e

(C8.2e) 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 C6.3.

Country/area of low-carbon energy consumption

Luxembourg

Sourcing method

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

Energy carrier

Electricity

Low-carbon technology type

Hydropower (capacity unknown)

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

21,035

Tracking instrument used

Contract

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

Norway

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

No

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

Comment

EECS certificate for Enovos and SES : Tarif Ecomix; 100% Hydro; 2022 - Country of Consumption: Luxembourg - Location of Beneficiary: Luxembourg - Usage Category: Disclosure - Type of Beneficiary: End-consumer

Country/area of low-carbon energy consumption

Germany

Sourcing method

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

Energy carrier

Electricity

Low-carbon technology type

Renewable energy mix, please specify

Product 'Öko' by E.ON Energie Deutschland GmbH

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

7,681

Tracking instrument used

Contract

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

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

No

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

Comment

EON certificate for SES Germany GmbH for usage of 'Öko' electricity mix

C8.2g

(C8.2g) Provide a breakdown by country/area of your non-fuel energy consumption in the reporting year.

Country/area

Argentina

Consumption of purchased electricity (MWh)

17.52

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

17.52

Country/area

Australia

Consumption of purchased electricity (MWh)

1,927.52

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

1,927.52

Country/area

Afghanistan

Consumption of purchased electricity (MWh)

35.04

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

35.04

Country/area

Belgium

Consumption of purchased electricity (MWh)

10

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

10

Country/area

Bolivia (Plurinational State of)

Consumption of purchased electricity (MWh)

8.76

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

8.76

Country/area

Brazil

Consumption of purchased electricity (MWh)

1,348.66

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

1,348.66

Country/area

Bulgaria

Consumption of purchased electricity (MWh)

31.54

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

31.54

Country/area

Burkina Faso

Consumption of purchased electricity (MWh)

5

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

5

Country/area

Canada

Consumption of purchased electricity (MWh)

1,026.16

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

1,026.16

Country/area

Chile

Consumption of purchased electricity (MWh)

544.87

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

544.87

Country/area

China

Consumption of purchased electricity (MWh)

5

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

5

Country/area

Colombia

Consumption of purchased electricity (MWh)

495.56

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

495.56

Country/area

Côte d'Ivoire

Consumption of purchased electricity (MWh)

5

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

5

Country/area

Costa Rica

Consumption of purchased electricity (MWh)

17.52

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

17.52

Country/area

Cyprus

Consumption of purchased electricity (MWh)

70.08

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

70.08

Country/area

Djibouti

Consumption of purchased electricity (MWh)

175.2

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

175.2

Country/area

Hong Kong SAR, China

Consumption of purchased electricity (MWh)

317.11

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

317.11

Country/area

Ethiopia

Consumption of purchased electricity (MWh)

5

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

5

Country/area

Finland

Consumption of purchased electricity (MWh)

5

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

5

Country/area

France

Consumption of purchased electricity (MWh)

194.07

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

194.07

Country/area

Germany

Consumption of purchased electricity (MWh)

8,389.18

Consumption of self-generated electricity (MWh)

0

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

0

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

191

Total non-fuel energy consumption (MWh) [Auto-calculated]

8,580.18

Country/area

Ghana

Consumption of purchased electricity (MWh)

319.65

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

319.65

Country/area

Greece

Consumption of purchased electricity (MWh)

959.84

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

959.84

Country/area

Guam

Consumption of purchased electricity (MWh)

17.52

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

17.52

Country/area

India

Consumption of purchased electricity (MWh)

75.08

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

75.08

Country/area

Indonesia

Consumption of purchased electricity (MWh)

372.92

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

372.92

Country/area

Iceland

Consumption of purchased electricity (MWh)

17.52

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

17.52

Country/area

Israel

Consumption of purchased electricity (MWh)

7,684.59

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

7,684.59

Country/area

Italy

Consumption of purchased electricity (MWh)

417.96

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

417.96

Country/area

Japan

Consumption of purchased electricity (MWh)

35.04

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

35.04

Country/area

Jamaica

Consumption of purchased electricity (MWh)

17.52

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

17.52

Country/area

Jordan

Consumption of purchased electricity (MWh)

47.3

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

47.3

Country/area

Kazakhstan

Consumption of purchased electricity (MWh)

35.04

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

35.04

Country/area

Kenya

Consumption of purchased electricity (MWh)

145.16

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

145.16

Country/area

Latvia

Consumption of purchased electricity (MWh)

180

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

180

Country/area

Luxembourg

Consumption of purchased electricity (MWh)

21,035.06

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

21,035.06

Country/area

Madagascar

Consumption of purchased electricity (MWh)

17.52

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

17.52

Country/area

Malaysia

Consumption of purchased electricity (MWh)

202.72

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

202.72

Country/area

Maldives

Consumption of purchased electricity (MWh)

17.52

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

17.52

Country/area

Mexico

Consumption of purchased electricity (MWh)

280.32

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

280.32

Country/area

Mongolia

Consumption of purchased electricity (MWh)

17.52

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

17.52

Country/area

Netherlands

Consumption of purchased electricity (MWh)

573.86

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

573.86

Country/area

Nepal

Consumption of purchased electricity (MWh)

17.52

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

17.52

Country/area

Nigeria

Consumption of purchased electricity (MWh)

110.12

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

110.12

Country/area

Norway

Consumption of purchased electricity (MWh)

35.04

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

35.04

Country/area

Oman

Consumption of purchased electricity (MWh)

17.52

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

17.52

Country/area

Pakistan

Consumption of purchased electricity (MWh)

355.4

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

355.4

Country/area

Palau

Consumption of purchased electricity (MWh)

175.2

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

175.2

Country/area

Paraguay

Consumption of purchased electricity (MWh)

17.52

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

17.52

Country/area

Peru

Consumption of purchased electricity (MWh)

916.04

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

916.04

Country/area

Philippines

Consumption of purchased electricity (MWh)

145.16

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

145.16

Country/area

Portugal

Consumption of purchased electricity (MWh)

1,056.2

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

1,056.2

Country/area

Puerto Rico

Consumption of purchased electricity (MWh)

17.52

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

17.52

Country/area

Romania

Consumption of purchased electricity (MWh)

366.72

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

366.72

Country/area

Russian Federation

Consumption of purchased electricity (MWh)

75.08

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

75.08

Country/area

Singapore

Consumption of purchased electricity (MWh)

318.15

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

318.15

Country/area

Slovenia

Consumption of purchased electricity (MWh)

5

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

5

Country/area

South Africa

Consumption of purchased electricity (MWh)

106.62

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

106.62

Country/area

Spain

Consumption of purchased electricity (MWh)

40.04

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

40.04

Country/area

Sweden

Consumption of purchased electricity (MWh)

166.1

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

166.1

Country/area

Switzerland

Consumption of purchased electricity (MWh)

23.38

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

23.38

Country/area

Republic of Korea

Consumption of purchased electricity (MWh)

105.12

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

105.12

Country/area

Thailand

Consumption of purchased electricity (MWh)

52.56

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

52.56

Country/area

Tajikistan

Consumption of purchased electricity (MWh)

35.04

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

35.04

Country/area

Ukraine

Consumption of purchased electricity (MWh)

513.15

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

513.15

Country/area

United Arab Emirates

Consumption of purchased electricity (MWh)

495.56

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

495.56

Country/area

United Kingdom of Great Britain and Northern Ireland

Consumption of purchased electricity (MWh)

2,377.09

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

2,377.09

Country/area

United States of America

Consumption of purchased electricity (MWh)

33,014.17

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

33,014.17

Country/area

Uzbekistan

Consumption of purchased electricity (MWh)

17.52

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

17.52

Country/area

Viet Nam

Consumption of purchased electricity (MWh)

35.04

Consumption of self-generated electricity (MWh)

0

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

0

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

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

35.04

C9. Additional metrics

C9.1

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

C10. Verification

C10.1

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

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

C10.2

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

No, but we are actively considering verifying within the next two years

C11. Carbon pricing

C11.1

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

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

C11.2

(C11.2) Has your organization canceled any project-based carbon credits within the reporting year?

No

C11.3

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

No, but we anticipate doing so in the next two years

C12. Engagement

C12.1

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

Yes, our customers/clients

Yes, other partners in the value chain

C12.1b

(C12.1b) Give details of your climate-related engagement strategy with your customers.

Type of engagement & Details of engagement

Education/information sharing

Run an engagement campaign to education customers about your climate change performance and strategy

% of customers by number

5

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

0

Please explain the rationale for selecting this group of customers and scope of engagement

SES has engaged with our customers through industry and customer events targeting our highest revenue customers. The goal is to align targets, engage and identify joint initiatives. The ESG team engaged with several customers in 2022

Impact of engagement, including measures of success

SES has a goal of aligning with our top tier customers on our climate strategy with a goal of reducing our value chain emissions (Scope 3) by 40% by 2030 and to better align with their climate objectives. As we have just begun this year we have reached out to our customer base and through education of our sales teams through events with more targeted outreach expected over the next year. Our measure of success will be the reduction of emissions across our value chain. We have not yet seen measurable difference for this goal

C12.1d

(C12.1d) Give details of your climate-related engagement strategy with other partners in the value chain.

SES has engages with various industry organizations including competitors, industry peer organizations and the European Space Agency through a decarbonization working group. The working group meets monthly to enhance the space industry reporting, supply chain and best practices.

C12.2

(C12.2) Do your suppliers have to meet climate-related requirements as part of your organization's purchasing process?

Yes, climate-related requirements are included in our supplier contracts

C12.2a

(C12.2a) Provide details of the climate-related requirements that suppliers have to meet as part of your organization's purchasing process and the compliance mechanisms in place.

Climate-related requirement

Complying with regulatory requirements

Description of this climate related requirement

In our supplier contracts we mandate the supplier comply with applicable laws and regulations. We additionally ask that contractors endeavor to incorporate products and components that are sustainable, eco- and climate friendly.

% suppliers by procurement spend that have to comply with this climate-related requirement

100

% suppliers by procurement spend in compliance with this climate-related requirement

Mechanisms for monitoring compliance with this climate-related requirement

Other, please specify

Through notice of non-compliance by governments or other regulatory authorities

Response to supplier non-compliance with this climate-related requirement

Retain and engage

C12.3

(C12.3) Does your organization engage in activities that could either directly or indirectly influence policy, law, or regulation that may impact the climate?

Row 1

External engagement activities that could directly or indirectly influence policy, law, or regulation that may impact the climate

Yes, we engage directly with policy makers

Yes, our membership of/engagement with trade associations could influence policy, law, or regulation that may impact the climate

Does your organization have a public commitment or position statement to conduct your engagement activities in line with the goals of the Paris Agreement?

Yes

Attach commitment or position statement(s)

attached is the annual report including the ESG section which outlines our climate action commitments on pg 32 of the 2021 annual report and can be found in our UN Global Compact Communication on Progress here: <https://www.ses.com/about-us/environmental-social-and-governance/esg-reporting/un-global-compact-communication-progress#>

 230227_SES_AR2022_Final.pdf

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

SES climate activities are managed across the business by the ESG team reporting into the Chief Legal Officer. The ESG team is responsible for the implementation of the climate strategy in the business and works through internal stakeholders to assure processes, policies and targets are updated and aligned with SES climate goals.

C12.3a

(C12.3a) On what policy, law, or regulation that may impact the climate has your organization been engaging directly with policy makers in the reporting year?

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

CSRD, CSDDD

Category of policy, law, or regulation that may impact the climate

Climate change mitigation

Focus area of policy, law, or regulation that may impact the climate

Climate-related reporting

Policy, law, or regulation geographic coverage

Regional

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

Luxembourg

Your organization’s position on the policy, law, or regulation

Support with minor exceptions

Description of engagement with policy makers

SES has engaged with the EU commission, ESA and the Luxembourg Chamber of Commerce on these regulations through group and 1 on 1 meetings.

Details of exceptions (if applicable) and your organization's proposed alternative approach to the policy, law or regulation

SES generally supports more transparency and reporting but has concerns about how this will be enforced and the degree of support from the government on implementation.

Have you evaluated whether your organization's engagement on this policy, law, or regulation is aligned with the goals of the Paris Agreement?

Yes, we have evaluated, and it is aligned

C12.3b

(C12.3b) Provide details of the trade associations your organization is a member of, or engages with, which are likely to take a position on any policy, law or regulation that may impact the climate.

Trade association

Other, please specify
FEDIL

Is your organization's position on climate change policy consistent with theirs?

Consistent

Has your organization attempted to influence their position in the reporting year?

Yes, we publicly promoted their current position

Describe how your organization's position is consistent with or differs from the trade association's position, and any actions taken to influence their position

From the Fedil Website: "Achieving Luxembourg's climate objectives is a major challenge that requires a climate policy that consolidates economic growth, environmental protection and the achievement of national goals. This is why FEDIL's member companies are working for clear, coherent and easy to apply environmental regulations.

If tomorrow's energy comes largely from renewable sources, it will be necessary to ensure a guaranteed supply of low-carbon energy at all times and at affordable prices. In order to achieve a successful energy transition of the economy while promoting sustainable economic growth, a well-designed legal framework and supporting instruments adapted to the challenge must be implemented.

Furthermore, it is in the nature of business to seek to optimise costs, including those related to energy consumption. Therefore, energy-intensive companies are committed to special efforts to continuously improve their energy efficiency.

The availability of resources and raw materials is also increasingly important for the sustainability of the industry's activities. As a result, companies that are particularly exposed are moving more towards circular business models.

Thus, in the fight against climate change, we advocate a regulatory framework that allows our companies to innovate while maintaining the competitiveness of production activities in Europe."

SES is a member company of FEDIL and supportive of their position.

Funding figure your organization provided to this trade association in the reporting year (currency as selected in C0.4)

Describe the aim of your organization's funding

Have you evaluated whether your organization's engagement with this trade association is aligned with the goals of the Paris Agreement?

Yes, we have evaluated, and it is aligned

C12.4

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

Publication

In voluntary sustainability report

Status

Underway – previous year attached

Attach the document

 230227_SES_AR2022_Final.pdf

Page/Section reference

Page 29

Content elements

Governance
Strategy
Emissions figures
Emission targets

Comment

ESG report 2022

C12.5

(C12.5) Indicate the collaborative frameworks, initiatives and/or commitments related to environmental issues for which you are a signatory/member.

	Environmental collaborative framework, initiative and/or commitment	Describe your organization’s role within each framework, initiative and/or commitment
Row 1	UN Global Compact Other, please specify Paris Peace Forum Net Zero Space Initiative- https://parispeaceforum.org/en/initiatives/net-zero-space/	<p>members and active participants. Within the UN Global compact we have offered trainings to our employee base as well as are a member of the Human Rights Accelerator program.</p> <p>In the Net Zero Space Initiative we have committed to:</p> <p>Continue abiding by international guidelines and norms relating to space sustainability and safety; Collaborating with space agencies and regulatory authorities to develop policies and regulations that will foster a safe and sustainable space environment;</p> <p>Continue sharing and encourage others to share, operational data critical for the safety and integrity of the space environment through trusted third parties;</p> <p>Forming public and private partnerships to advance innovation in space sustainability and safety; and Exercising best practices and encouraging responsible behavior by all satellite operators so as to preserve the integrity and safety of the space environment.</p>

C15. Biodiversity

C15.1

(C15.1) Is there board-level oversight and/or executive management-level responsibility for biodiversity-related issues within your organization?

Board-level oversight and/or executive management-level responsibility for biodiversity-related issues	
Row 1	No, and we do not plan to have both within the next two years

C15.2

(C15.2) Has your organization made a public commitment and/or endorsed any initiatives related to biodiversity?

Indicate whether your organization made a public commitment or endorsed any initiatives related to biodiversity	
Row 1	No, and we do not plan to do so within the next 2 years

C15.3

(C15.3) Does your organization assess the impacts and dependencies of its value chain on biodiversity?

Impacts on biodiversity

Indicate whether your organization undertakes this type of assessment

No, but we plan to within the next two years

Dependencies on biodiversity

Indicate whether your organization undertakes this type of assessment

No and we don't plan to within the next two years

C15.4

(C15.4) Does your organization have activities located in or near to biodiversity-sensitive areas in the reporting year?

Not assessed

C15.5

(C15.5) What actions has your organization taken in the reporting year to progress your biodiversity-related commitments?

Have you taken any actions in the reporting period to progress your biodiversity-related commitments?	
Row 1	No, we are not taking any actions to progress our biodiversity-related commitments

C15.6

(C15.6) Does your organization use biodiversity indicators to monitor performance across its activities?

	Does your organization use indicators to monitor biodiversity performance?	Indicators used to monitor biodiversity performance
Row 1	No, we do not use indicators, but plan to within the next two years	

C15.7

(C15.7) Have you published information about your organization’s response to biodiversity-related issues for this reporting year in places other than in your CDP response? If so, please attach the publication(s).

Report type	Content elements	Attach the document and indicate where in the document the relevant biodiversity information is located
No publications		

C16. Signoff

C-FI

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

C16.1

(C16.1) Provide details for the person that has signed off (approved) your CDP climate change response.

	Job title	Corresponding job category
Row 1	Chief Legal Officer	Other C-Suite Officer

SC. Supply chain module

SC0.0

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

SC0.1

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

	Annual Revenue
Row 1	1,944,000,000

SC1.1

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

Requesting member

British Broadcasting Corporation

Scope of emissions

Scope 1

Scope 2 accounting method

Scope 3 category(ies)

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

1.97

Uncertainty (±%)

15

Major sources of emissions

Scope 1 - CO2 generated by gas and fuel consumption, refrigerant leakage and company car fleet

Verified

No

Allocation method

Other, please specify

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022

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

Unit for market value or quantity of goods/services supplied

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

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022.

Customer base is very large and diverse to accurately track emissions on customer level.

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

Requesting member

British Broadcasting Corporation

Scope of emissions

Scope 2

Scope 2 accounting method

Location-based

Scope 3 category(ies)

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO₂e

47.85

Uncertainty (±%)

15

Major sources of emissions

Scope2 - CO2 generated by heat, steam and electricity consumption

Verified

No

Allocation method

Other, please specify

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022

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

Unit for market value or quantity of goods/services supplied

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

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022.

Customer base is very large and diverse to accurately track emissions on customer level.

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

Requesting member

British Broadcasting Corporation

Scope of emissions

Scope 3

Scope 2 accounting method

Scope 3 category(ies)

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO2e

552.35

Uncertainty (±%)

15

Major sources of emissions

Scope#3 CO2 consumption generated through:

Cat.1: Purchased Goods and Services

Cat.2: Capital Goods

Cat.3: WTT and T&D

Cat.4: Upstream Transportation

Cat.5: Waste

Cat.6: Business travel

Cat.7: Employee commuting

Cat.1 and 2 were found to be most material Scope 3 categories for SES's operations and constitute more than 90% of SES's footprint.

Verified

No

Allocation method

Other, please specify

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022

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

Unit for market value or quantity of goods/services supplied

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

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022.

Customer base is very large and diverse to accurately track emissions on customer level.

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

Requesting member

CHANNEL FOUR TELEVISION CORPORATION

Scope of emissions

Scope 1

Scope 2 accounting method

Scope 3 category(ies)

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO₂e

0.97

Uncertainty (±%)

15

Major sources of emissions

Scope 1 - CO₂ generated by gas and fuel consumption, refrigerant leakage and company car fleet

Verified

No

Allocation method

Other, please specify

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022

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

Unit for market value or quantity of goods/services supplied

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

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022.

Customer base is very large and diverse to accurately track emissions on customer level.

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

Requesting member

CHANNEL FOUR TELEVISION CORPORATION

Scope of emissions

Scope 2

Scope 2 accounting method

Location-based

Scope 3 category(ies)

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO₂e

23.66

Uncertainty (±%)

15

Major sources of emissions

Scope2 - CO₂ generated by heat, steam and electricity consumption

Verified

No

Allocation method

Other, please specify

Allocation based on number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022

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

Unit for market value or quantity of goods/services supplied

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

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022.

Customer base is very large and diverse to accurately track emissions on customer level.

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

Requesting member

CHANNEL FOUR TELEVISION CORPORATION

Scope of emissions

Scope 3

Scope 2 accounting method

Scope 3 category(ies)

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO₂e

273.1

Uncertainty (±%)

15

Major sources of emissions

Scope#3 CO₂ consumption generated through:

Cat.1: Purchased Goods and Services

Cat.2: Capital Goods

Cat.3: WTT and T&D

Cat.4: Upstream Transportation

Cat.5: Waste

Cat.6: Business travel

Cat.7: Employee commuting

Cat.1 and 2 were found to be most material Scope 3 categories for SES's operations and constitute more than 90% of SES's footprint.

Verified

No

Allocation method

Other, please specify

Allocation based on number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022

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

Unit for market value or quantity of goods/services supplied

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

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022.

Customer base is very large and diverse to accurately track emissions on customer level.

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

Requesting member

Comcast Corporation

Scope of emissions

Scope 1

Scope 2 accounting method

Scope 3 category(ies)

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO₂e

3.73

Uncertainty (±%)

15

Major sources of emissions

Scope 1 - CO₂ generated by gas and fuel consumption, refrigerant leakage and company car fleet

Verified

No

Allocation method

Other, please specify

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022

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

Unit for market value or quantity of goods/services supplied

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

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022.

Customer base is very large and diverse to accurately track emissions on customer level.

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

Requesting member

Comcast Corporation

Scope of emissions

Scope 2

Scope 2 accounting method

Location-based

Scope 3 category(ies)

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO₂e

90.68

Uncertainty (±%)

15

Major sources of emissions

Scope2 - CO₂ generated by heat, steam and electricity consumption

Verified

No

Allocation method

Other, please specify

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022

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

Unit for market value or quantity of goods/services supplied

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

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022.

Customer base is very large and diverse to accurately track emissions on customer level.

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

Requesting member

Comcast Corporation

Scope of emissions

Scope 3

Scope 2 accounting method

Scope 3 category(ies)

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO₂e

1,046.89

Uncertainty (±%)

15

Major sources of emissions

Scope#3 CO₂ consumption generated through:

Cat.1: Purchased Goods and Services

Cat.2: Capital Goods

Cat.3: WTT and T&D

Cat.4: Upstream Transportation

Cat.5: Waste

Cat.6: Business travel

Cat.7: Employee commuting

Cat.1 and 2 were found to be most material Scope 3 categories for SES's operations and constitute more than 90% of SES's footprint.

Verified

No

Allocation method

Other, please specify

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022

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

Unit for market value or quantity of goods/services supplied

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

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022.

Customer base is very large and diverse to accurately track emissions on customer level.

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

Requesting member

ITV

Scope of emissions

Scope 1

Scope 2 accounting method

Scope 3 category(ies)

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO₂e

2.27

Uncertainty (±%)

15

Major sources of emissions

Scope 1 - CO₂ generated by gas and fuel consumption, refrigerant leakage and company car fleet

Verified

No

Allocation method

Other, please specify

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022

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

Unit for market value or quantity of goods/services supplied

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

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022.

Customer base is very large and diverse to accurately track emissions on customer level.

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

Requesting member

ITV

Scope of emissions

Scope 2

Scope 2 accounting method

Location-based

Scope 3 category(ies)

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO₂e

55.2

Uncertainty (±%)

15

Major sources of emissions

Scope2 - CO₂ generated by heat, steam and electricity consumption

Verified

No

Allocation method

Other, please specify

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022

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

Unit for market value or quantity of goods/services supplied

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

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022.

Customer base is very large and diverse to accurately track emissions on customer level.

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

Requesting member

ITV

Scope of emissions

Scope 3

Scope 2 accounting method

Scope 3 category(ies)

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO₂e

637.24

Uncertainty (±%)

15

Major sources of emissions

Scope#3 CO2 consumption generated through:

Cat.1: Purchased Goods and Services

Cat.2: Capital Goods

Cat.3: WTT and T&D

Cat.4: Upstream Transportation

Cat.5: Waste

Cat.6: Business travel

Cat.7: Employee commuting

Cat.1 and 2 were found to be most material Scope 3 categories for SES's operations and constitute more than 90% of SES's footprint.

Verified

No

Allocation method

Other, please specify

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022

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

Unit for market value or quantity of goods/services supplied

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

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022.

Customer base is very large and diverse to accurately track emissions on customer level.

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

Requesting member

Sky Ltd

Scope of emissions

Scope 1

Scope 2 accounting method

Scope 3 category(ies)

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO₂e

10.04

Uncertainty (±%)

15

Major sources of emissions

Scope 1 - CO₂ generated by gas and fuel consumption, refrigerant leakage and company car fleet

Verified

No

Allocation method

Other, please specify

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022

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

Unit for market value or quantity of goods/services supplied

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

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022.

Customer base is very large and diverse to accurately track emissions on customer level.

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

Requesting member

Sky Ltd

Scope of emissions

Scope 2

Scope 2 accounting method

Location-based

Scope 3 category(ies)

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO₂e

244.45

Uncertainty (±%)

15

Major sources of emissions

Scope2 - CO₂ generated by heat, steam and electricity consumption

Verified

No

Allocation method

Other, please specify

Allocation based on number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022

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

Unit for market value or quantity of goods/services supplied

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

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022.

Customer base is very large and diverse to accurately track emissions on customer level.

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

Requesting member

Sky Ltd

Scope of emissions

Scope 3

Scope 2 accounting method

Scope 3 category(ies)

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO₂e

2,822.05

Uncertainty (±%)

15

Major sources of emissions

Scope#3 CO₂ consumption generated through:

Cat.1: Purchased Goods and Services

Cat.2: Capital Goods

Cat.3: WTT and T&D

Cat.4: Upstream Transportation

Cat.5: Waste

Cat.6: Business travel

Cat.7: Employee commuting

Cat.1 and 2 were found to be most material Scope 3 categories for SES's operations and constitute more than 90% of SES's footprint.

Verified

No

Allocation method

Other, please specify

Allocation based on number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022

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

Unit for market value or quantity of goods/services supplied

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

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2020.

Customer base is very large and diverse to accurately track emissions on customer level.

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

Requesting member

Telefónica

Scope of emissions

Scope 1

Scope 2 accounting method

Scope 3 category(ies)

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO₂e

5.83

Uncertainty (±%)

Major sources of emissions

Scope 1 - CO₂ generated by gas and fuel consumption, refrigerant leakage and company car fleet

Verified

No

Allocation method

Other, please specify

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022

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

Unit for market value or quantity of goods/services supplied

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

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022.

Customer base is very large and diverse to accurately track emissions on customer level.

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

Requesting member

Telefónica

Scope of emissions

Scope 2

Scope 2 accounting method

Location-based

Scope 3 category(ies)

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO₂e

141.94

Uncertainty (±%)

15

Major sources of emissions

Scope2 - CO₂ generated by heat, steam and electricity consumption

Verified

No

Allocation method

Other, please specify

Allocation based on number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022

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

Unit for market value or quantity of goods/services supplied

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

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022.

Customer base is very large and diverse to accurately track emissions on customer

level.

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

Requesting member

Telefónica

Scope of emissions

Scope 3

Scope 2 accounting method

Scope 3 category(ies)

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO₂e

1,638.61

Uncertainty (±%)

15

Major sources of emissions

Scope#3 CO₂ consumption generated through:

Cat.1: Purchased Goods and Services

Cat.2: Capital Goods

Cat.3: WTT and T&D

Cat.4: Upstream Transportation

Cat.5: Waste

Cat.6: Business travel

Cat.7: Employee commuting

Cat.1 and 2 were found to be most material Scope 3 categories for SES's operations and constitute more than 90% of SES's footprint.

Verified

No

Allocation method

Other, please specify

Allocation based on number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022

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

Unit for market value or quantity of goods/services supplied

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

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022.

Customer base is very large and diverse to accurately track emissions on customer level.

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

Requesting member

U.S. General Services Administration - OMB ICR #3090-0319

Scope of emissions

Scope 1

Scope 2 accounting method

Scope 3 category(ies)

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO₂e

30.84

Uncertainty (±%)

15

Major sources of emissions

Scope 1 - CO₂ generated by gas and fuel consumption, refrigerant leakage and company car fleet

Verified

No

Allocation method

Other, please specify

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022

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

Unit for market value or quantity of goods/services supplied

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

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022.

Customer base is very large and diverse to accurately track emissions on customer level.

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

Requesting member

U.S. General Services Administration - OMB ICR #3090-0319

Scope of emissions

Scope 2

Scope 2 accounting method

Location-based

Scope 3 category(ies)

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO₂e

750.84

Uncertainty (±%)

15

Major sources of emissions

Scope2 - CO₂ generated by heat, steam and electricity consumption

Verified

No

Allocation method

Other, please specify

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022

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

Unit for market value or quantity of goods/services supplied

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

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022.

Customer base is very large and diverse to accurately track emissions on customer level.

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

Requesting member

U.S. General Services Administration - OMB ICR #3090-0319

Scope of emissions

Scope 3

Scope 2 accounting method

Scope 3 category(ies)

Allocation level

Company wide

Allocation level detail

Emissions in metric tonnes of CO₂e

8,668.08

Uncertainty (±%)

15

Major sources of emissions

Scope#3 CO₂ consumption generated through:

Cat.1: Purchased Goods and Services

Cat.2: Capital Goods

Cat.3: WTT and T&D

Cat.4: Upstream Transportation
 Cat.5: Waste
 Cat.6: Business travel
 Cat.7: Employee commuting
 Cat.1 and 2 were found to be most material Scope 3 categories for SES's operations and constitute more than 90% of SES's footprint.

Verified

No

Allocation method

Other, please specify

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022

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

Unit for market value or quantity of goods/services supplied

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

Number of satellite transponders used by requesting member in relation to total number of transponders operated in 2022.
 Customer base is very large and diverse to accurately track emissions on customer level.
 Managing the different emission factors of diverse and numerous geographies makes calculating total footprint difficult.

SC1.2

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

SC1.3

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

Allocation challenges	Please explain what would help you overcome these challenges
Customer base is too large and diverse to accurately track emissions to the customer level	

<p>Managing the different emission factors of diverse and numerous geographies makes calculating total footprint difficult</p>	
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SC1.4

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

Yes

SC1.4a

(SC1.4a) Describe how you plan to develop your capabilities.

SC2.1

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

SC2.2

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

No

SC4.1

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

No, I am not providing data

Submit your response

In which language are you submitting your response?

English

Please confirm how your response should be handled by CDP

	I understand that my response will be shared with all requesting stakeholders	Response permission
Please select your submission options	Yes	Public



Please confirm below

I have read and accept the applicable Terms