

## C0. Introduction

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### C0.1

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

The Hamitabat Power Plant (HPP) is Turkey's first natural gas combined cycle power plant operating since 1986 with a total operational capacity of 1,156 MW was privatized by the Privatization Administration in May 2013 and the transfer agreement with Limak Natural Gas Electricity Generation Inc. (hereinafter called LIMAK) was mutually signed on August 1, 2013. LIMAK has transformed HPP into one of the most efficient power plants in Turkey and the electricity generation will be carried out by Hamitabat Electricity Generation and Trade Inc. (hereinafter called HEAŞ), which is the affiliating company of LIMAK.

HEAŞ and his French associate called Inframed, have ensured availability at full capacity as of September 2017 with 2 SIEMENS H class combined cycle blocks replacing the plant with old technology by the rehabilitation project that has been initiated in March 2015 with a budget of 520 million Euros. It increased its efficiency level to %61 with the investment made, thereby causing a significant improvement in natural resource consumption as well as a reduction in energy import bills as a country. HEAŞ has taken its place among the limited power plants of both Turkey and Europe with respect to construction period, efficiency and alignment with environmental standards. HEAŞ, with its 1,156 MW installed power, contributed to the energy supply after the completion of the renovation project in 2017. Serving as an assurance for power supply in the Marmara Region with its strategic location and high reliability and availability, HEAŞ increased its installed power to 1220 MW in 2018. Existing old and aged technology has been demolished in the operation. The production amount in 2022 was 3,189 billion kWh.

The project design of the new power plant has been concluded to fulfil the requirements of local legislation and international standards. The main goal of HEAŞ is to sustain its existence within Turkey's energy market with high efficiency and environmental awareness in the upcoming years. EIA and ESIA reports have been prepared for the HEAS renovation project. The gas turbines at the facility are air-cooled; therefore, no water consumption is of concern. The plant has been furnished with dry Heller-type cooling towers for cooling the water-steam cycle. Also, two generators are cooled by hydrogen to save water consumption for the cooling process. Special environmental management procedures were specific to HEAŞ have been established for the purpose of creating minimum environmental impact in the site works and defining and following control measures to satisfactory standards. Procedures have been established by taking the IFC (International Finance Company) and Equator Principles as references to comply with the good environmental standards and practices regulated for the fulfilment of the located legal requirements. Prior to the initiation of operations in the renovation project area, an ecological field study has been conducted with flora, fauna and aquatic life experts, the existence of endemic species within the project impact area has been investigated and the ecological characteristics of the project have been identified. Although no endemic species have been identified accordingly.

The following indicators are monitored and followed within the scope of the sustainability activities and environmental performance such as energy consumption and production, waste generation amounts based on waste types, wastewater and water management issues, greenhouse gas emission monitoring, reporting and third-party verification.

Energy Management Acting with the awareness of the importance of utilization of energy efficiently as a power plant generating power, the foundations of energy efficiency transformation of HEAŞ was said in 2015 via a renovation project.

HEAŞ established the Zero Waste Management System within the scope of the "Zero Waste Project" verified by the Ministry of Environment, Urbanization and Climate Change of the Turkish Republic. HEAŞ, which continues its production activities with minimum impact by considering today's resources and tomorrow's needs, has ISO 27001: 2013 Information Security Management System Standard in 2016, ISO 27019: 2017 Information Security in Electricity Production Distribution Systems and Corporate Information Assets Standard and ISO 9001:2015 Quality Management System, ISO 14001:2015 Environmental Management System and ISO 45001:2018 Occupational Health and Safety Management System certification. Being the first natural gas combined cycle power plant in Turkey, HEAŞ continues to operate as a symbol of Kırklareli since 1986 and will continue to operate in the energy market of Turkey with high efficiency and environmental awareness in line with the United Nations Sustainable Development Goals in the coming years.

HEAS prepares carbon footprint report and conducts third party verification according to TS EN ISO 14064 standard.

### C0.2

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#### (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

##### Select the number of past reporting years you will be providing Scope 1 emissions data for

<Not Applicable>

##### Select the number of past reporting years you will be providing Scope 2 emissions data for

<Not Applicable>

##### Select the number of past reporting years you will be providing Scope 3 emissions data for

<Not Applicable>

C0.3

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

Turkey

C0.4

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

EUR

C0.5

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(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

C-EU0.7

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(C-EU0.7) Which part of the electric utilities value chain does your organization operate in? Select all that apply.

Row 1

Electric utilities value chain

Electricity generation

Other divisions

Please select

C0.8

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(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
No	<Not Applicable>

C1. Governance

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C1.1

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

Yes

C1.1a

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**(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 Chair	HEAS is a body of Limak Group of Companies. Board Chair is the decision maker for Limak Group of Companies' GHG and emission policy. Acting with the principle of "fulfilling today's requirements without jeopardizing the capacity to fulfill the requirements of the future generations" in its entire operations and activities, HEAS follows and applies a balanced and minimum level of environmental-impact growth strategy in light of the Limak Group.
Director on board	HEAS's Director on Board is the member of Limak Group of Companies' Board. Director on Board is a mentor for preparing the HEAS GHG and emission control policy. Acting with the principle of "fulfilling today's requirements without jeopardizing the capacity to fulfill the requirements of the future generations" in its entire operations and activities, HEAS follows and applies a balanced and environmental-friendly growth strategy. Director on Board is responsible to approve any material, physical and human resources to actualize the improvements.
Other, please specify (General Manager)	General Manager is the decision maker for HEAS GHG and emission control policy and a leader to integrate into all business processes. Acting with the principle of "fulfilling today's requirements without jeopardizing the capacity to fulfill the requirements of the future generations" in its entire operations and activities, HEAS follows and applies a balanced and environmental-friendly growth strategy. General Manager is responsible to approve any material, physical and human resources to actualize the improvements. HEAS publishes Sustainability Report periodically and updates the sustainability map conducted with the HEAS and Limak Group of Companies Sustainability Committee periodically. Sustainability activities and targets are prioritized and discussed at the Board Meetings at least bimonthly period. The General Manager leads the HEAS Sustainability Committees namely, Inclusive Development, Social People and Healthy Planet. HEAS's Sustainability Target & Achievement Monthly Report is issued to the General Manager, Director on Board and all departments responsible to evaluate the realisation and determining any action or precaution by HEAS's Sustainability & HSE Department.
Other, please specify (sustainability & HSE Manager)	Sustainability and HSE Manager is one of the attendance of the Board Meeting to informed the HEAS's Sustainability priority and targets-KPI's achievements and corrective-preventive action and road map revision necessities.

**C1.1b**

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

Frequency with which climate-related issues are a scheduled agenda item	Governance mechanisms into which climate-related issues are integrated	Scope of board-level oversight	Please explain
Scheduled – all meetings	Overseeing major capital expenditures Overseeing acquisitions, mergers, and divestitures Reviewing and guiding strategy	<Not Applicable>	HEAS has special internal meetings to evaluate climate-related risks with the risk management team at least yearly period. Additionally, if any regulation change, critical level GHG emission according to HEAS's Sustainability Target & Achievement Monthly Report is observed, the risk management team evaluate the situation and prepared the road map and also any request from the team. HEAS's internal meetings outcomes are the input for the BOD meetings. Sustainability and HSE issues are one of the most important and standing items on the BoD meeting agenda. HEAS's General Manager, Maintenance Manager, Sustainability & HSE Manager, CFO, Accounting Manager, Finance Manager, Contract and Procurement Manager and Director on Board and other BOD members are attendances of the meeting. Sustainability & HSE Manager briefs about taken action or cooperate opportunities with authority or other stakeholders on climate-related risks and management improvements, goals and its current status with any revision requirements, and latest regulation responsibility update at the meeting for all bodies. Some of the examples were discussed and informed to the member at the meetings, such as plant efficiency, GHG emissions amount on category basis, reduction opportunities for indirect emission, target and current status of Cat.1.1 carbon footprint, operational and management risks are identified, informed, evaluate at the meeting.

**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	Criteria used to assess competence of board member(s) 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	Yes	Limak Group of Companies Board Chairperson is regular participant to World Economic Forum's (WEF) Annual Meetings in Davos/Switzerland, she also represents the Group at Bruegel, Brussels-based think tank, as the only representative from Turkey and Turkish business community. She is WWF Turkey's Board of Trustees, membership at the Turkish Industry and Business Association (TÜSİAD) also Advisory Board of the Istanbul International Center for Private Sector in Development (IICPSD) of the UNDP.  HEAS's Director on Board is member of the Board of the Turkish Electricity Industry Association (TESAB) and Board Member of World Energy Council Turkish National Committee.	<Not Applicable>	<Not Applicable>

**C1.2**

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

**Position or committee**

Other, please specify (General Manager)

**Climate-related responsibilities of this position**

Managing annual budgets for climate mitigation activities

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

Providing climate-related employee incentives

Developing a climate transition plan

Implementing a climate transition plan  
Integrating climate-related issues into the strategy  
Conducting climate-related scenario analysis

**Coverage of responsibilities**

<Not Applicable>

**Reporting line**

Reports to the board directly

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

More frequently than quarterly

**Please explain**

General Manager(GM) is the decision maker for HEAS GHG and emission policy and a leader to integrate into all business processes. Acting with the principle of "fulfilling today's requirements without jeopardizing the capacity to fulfil the requirements of the future generations" in its entire operations and activities, HEAS follows and applies a balanced and environmental-friendly growth strategy. GM is responsible to approve any material, physical and human resources to actualize the improvements. GM is responsible to conduct, being a leader of the risk assessment committee, a risk assessment and mitigation plan with related parties. GM encourages the team continuously improvement, to allocate any sources of new investments for high efficiency and decarbonisation projects.

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**Position or committee**

Risk committee

**Climate-related responsibilities of this position**

Conducting climate-related scenario analysis  
Assessing climate-related risks and opportunities  
Managing climate-related risks and opportunities

**Coverage of responsibilities**

<Not Applicable>

**Reporting line**

Other, please specify (Reports to General Manager)

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

More frequently than quarterly

**Please explain**

The Risk Committee is responsible for generating climate-related risk assessment and mitigation and action plan according to its enterprise risk management procedure. HEAS has special internal meetings to evaluate and review climate-related risks with the risk management team at least a yearly period. Additionally, if any regulation change, critical level GHG emission according to HEAS's Sustainability Target & Achievement Monthly Report is observed, the risk management team evaluate the situation and prepared the road map and also any request from the team. The sustainability & HSE Manager and related responsible white-collar team member and their manager such as operation, maintenance, finance and administration are the body of the team. The risk committee reports to directly the general manager.

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**Position or committee**

Sustainability committee

**Climate-related responsibilities of this position**

Managing climate-related acquisitions, mergers, and divestitures  
Developing a climate transition plan  
Implementing a climate transition plan  
Conducting climate-related scenario analysis  
Setting climate-related corporate targets  
Monitoring progress against climate-related corporate targets  
Managing public policy engagement that may impact the climate  
Assessing climate-related risks and opportunities  
Managing climate-related risks and opportunities

**Coverage of responsibilities**

<Not Applicable>

**Reporting line**

Reports to the board directly

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

More frequently than quarterly

**Please explain**

HEAS publishes Sustainability Report and updates the road map conducted with the HEAS and Limak Group of Companies Sustainability Committee (LGoCSC) periodically. HEAS has delegates to attend the (LGoCSC) meetings on a monthly period. HEAS's Sustainability activities and targets are prioritized and discussed at the BoD Meetings at least bimonthly period. The General Manager leads the HEAS Sustainability Committees namely, Inclusive Development, Social People and Healthy Planet. Limak Group of Companies Board Chair is the chairperson of the (LGoCSC). HEAS's Sustainability Target & Achievement Monthly Report is issued to the General Manager, BoD and all departments by HEAS's Sustainability & HSE department. The committee measures and reports environmental impact across all areas of activity and takes improvement actions. It develops projects to ensure the efficient use of water and to provide awareness to all stakeholders, starting with employees.

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**Position or committee**

Environment/ Sustainability manager

**Climate-related responsibilities of this position**

Managing climate-related acquisitions, mergers, and divestitures  
Developing a climate transition plan  
Implementing a climate transition plan  
Integrating climate-related issues into the strategy

Conducting climate-related scenario analysis

**Coverage of responsibilities**

<Not Applicable>

**Reporting line**

Other, please specify (reports to general manager)

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

More frequently than quarterly

**Please explain**

To follow up any climate adaption issue in the light of Limak and HEAS Sustainability Strategy, local and international legislation requirement, Paris Agreement, Green Deal and good practices in the sector. All of responsibilities of the Sustainability & HSE manager are mentioned on related parts above.

**Position or committee**

Other, please specify (Energy and GHG Emission Management Committee)

**Climate-related responsibilities of this position**

Developing a climate transition plan  
Implementing a climate transition plan

**Coverage of responsibilities**

<Not Applicable>

**Reporting line**

Other, please specify (reports to general manager)

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

More frequently than quarterly

**Please explain**

Energy consumption on stationary combustion is the most critical and high ratio of GHG emissions sources. Energy and GHG Emission Management Committee is responsible to following up energy objectives, energy targets, energy management action plans and their status, EnPIs and past, current and projected energy performance data, including the significant energy uses and recommendations and opportunities for decarbonisation and energy efficiency. HEAS has an energy manager according to local regulation and ISO 50001 requirements and the GHG emission calculation responsible is appointed who is qualified according to ISO 14064, both of them is co-responsible for the collective works of the committee.

**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	HEAS has a commitment to encourage to all team members to decrease the environmental impact and GHG emission on his environmental policy. There are no dedicated monetary reward program for the achievement of the related targets. for non-monetary reward program, HEAS has personal performance monitoring system for his all-level employees. Key performance indicator with related operational availability, environmental, social, health and safety issue has been assigned to parties on their responsibility areas. To comply with any legislation and standard requirements, during planning and execution of their activities is assigned for president and all managers. Reduction of GHG emission target is assigned to general manager, operation, maintenance and Asst. HSE, administrative service manager on annually personal targets. Employee awareness campaign and training program target are assigned on HSE and human resources manager.

**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**

All employees

**Type of incentive**

Non-monetary reward

**Incentive(s)**

Other, please specify (congratulatory letter)

**Performance indicator(s)**

Implementation of an emissions reduction initiative  
Energy efficiency improvement  
Reduction in total energy consumption  
Increased investment in low-carbon R&D  
Implementation of employee awareness campaign or training program on climate-related issues

**Incentive plan(s) this incentive is linked to**

This position does not have an incentive plan

**Further details of incentive(s)**

HEAS has a commitment to encourage to all team members to improve the energy efficiency and environmental impact mitigation control measures on its entegrated management policy. There are no dedicated monetary reward programs for the achievement of the related targets. for a non-monetary reward program, HEAS has a personal performance system for its all-level employees. Key performance indicator with related operational availability and efficiency, environmental, social, health and safety issue has been assigned to parties on their responsibility areas. To comply with any legislation and standard requirements, during planning and execution of their activities are assigned to the president and all managers. GHG insentive targets are assigned to general, operation, maintenance and sustainability and HSE manager on annual personal targets. Employee awareness campaigns or training program targets are assigned to the general manager, Sustainability & HSE and human resources and all manager.

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

HEAS has implemented an infrastructure project to decrease direct emissions, category 1.1 GHG emissions, especially diesel fuel consumption for electricity. In 2022 HEAS put into use the additional MV system to connect both units to each other for power supply during any energy interruption against the emergency diesel generator utilization. The project has been raised by the electrical maintenance team to decrease diesel fuel consumption.

**C2. Risks and opportunities**

**C2.1**

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

No

**C2.1a**

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

	From (years)	To (years)	Comment
Short-term	0	3	short term time horizon is 0-3years
Medium-term	3	6	medium term time horizon is 3-6 years
Long-term	6	25	long term time horizon is 6-25 years

**C2.1b**

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

HEAS is working to conduct direct operation process risk assessment studies according his enterprise risk management procedure with risk assessment and management team on annually basis. HSE and related responsible white-collar team member and their manager such as operation, maintenance, finance and administrative are the body of the team. General Manager is leader of the risk assessment and management team and sustainability committee such as Social People, Healthy Planet and Inclusive Development. Enterprise risk management procedure has coverage the risk, threat, weakness and strength, opportunities in a wide range and perspective. In the light of the risk-based thinking process management approached, for the climate related risks are assed address their financial, operational, regulation, customer satisfaction, reputation and the public detrimental impact on site specific. All risk management process with assessment and planning the mitigation activities, identifying the necessary action to decrease the risk categories as acceptable, has been described with HEAS Integrated Management System Risk Assessment Procedure. The risk prioritizing has been divided by five categories according to result of multiplying with its likelihood, impact and importance level. The risk management process is conducted in comply with the ISO 9001 Quality Management Standard and the ISO 31000 Risk Management Standard and also ISO 14001 Environmental Management Standard requirement and expectation. Detailed risk assessment study will be finalized in 2023 according to CDP expectation coverage by physical, regulatory, reputation & markets and technology for both of operation and value chain.

**C2.2g**

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

	Primary reason	Please explain
Row 1	We are planning to introduce a climate-related risk management process in the next two years	HEAS is working to conduct direct operation process risk assessment studies according his enterprise risk management procedure with risk assessment and management team on annually basis. HSE and related responsible white-collar team member and their manager such as operation, maintenance, finance and administrative are the body of the team. General Manger is leader of the risk assessment and management team and sustainability committee such as Social People, Healthy Planet and Inclusive Development. Enterprise risk management procedure has coverage the risk, threat, weakness and strength, opportunities in a wide range and perspective. In the light of the risk-based thinking process management approached, for the climate related risks and opportunities are addressed their financial, operational, regulation, customer satisfaction, reputation and the public detrimental impact on site specific. All risk management process with assessment and planning the mitigation activities, identifying the necessary action to decrease the risk categories as acceptable, has been described with HEAS Integrated Management System Risk Assessment Procedure. The risk management process is conducted in comply with the ISO 9001 Quality Management Standard and the ISO 31000 Risk Management Standard and also ISO 14001 Environmental Management Standard requirement and expectation. Detailed risk and opportunity assessment study will be finalized in 2023 according to CDP expectation.

**C2.3**

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

No

**C2.3b**

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

	Primary reason	Please explain
Row 1	Evaluation in process	HEAS has climate-related risks on current and emerging regulations, especially Turkey's carbon mechanism, which is outcome of European Green Deal and Paris Agreement, evaluation process is in progress to enlarge the current study scope which is parallel in CDP expectation.

**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, we have identified opportunities but are unable to realize them

**C2.4b**

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

	Primary reason	Please explain
Row 1	Opportunities exist, but we are unable to realize them	HEAS has climate-related opportunities on current and emerging regulations, especially Turkey's carbon mechanism, which is the outcome of the European Green Deal and Paris Agreement, evaluation process is in progress to enlarge the current study scope which is parallel with CDP expectation. HEAS has implemented an infrastructure project to decrease direct emissions, category 1.1 GHG emissions, especially diesel fuel consumption for electricity. In 2022 HEAS put into use the additional MV system to connect both units to each other for power supply during any energy interruption against the emergency diesel generator utilization. HEAS is working on listing and realised the opportunities to decrease the direct and indirect GHG emissions.

**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

**Publicly available climate transition plan**

<Not Applicable>

**Mechanism by which feedback is collected from shareholders on your climate transition plan**

<Not Applicable>

**Description of feedback mechanism**

<Not Applicable>

**Frequency of feedback collection**

<Not Applicable>

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

<Not Applicable>

**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**

HEAS has calculated and monitored his GHG emission since 2018 for his new power plant to generate transition plan in very well manner. We are working on contributing Limak Holding climate strategy. HEAS will be announced his climate policy and road map to decrease GHG emission within two years.

**Explain why climate-related risks and opportunities have not influenced your strategy**

<Not Applicable>

**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	Important but not an immediate priority	HEAS is working on climate-related scenario analysis to inform its strategy.

**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	Evaluation in progress	
Supply chain and/or value chain	Evaluation in progress	
Investment in R&D	Evaluation in progress	HEAS is working on energy efficiency projects.
Operations	Evaluation in progress	HEAS is working on energy efficiency projects.

**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 Access to capital	HEAS is working on access to capital for energy efficiency and solar power projects. HEAS has implemented an infrastructure project to decrease direct emissions, category 1.1 GHG emissions, especially diesel fuel consumption for electricity. In 2022 HEAS put into use the additional MV system to connect both units to each other for power supply during any energy interruption against the emergency diesel generator utilization. His direct cost especially diesel fuel and electricity procurement, will decrease with the MV project.

**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	Indicate the level at which you identify the alignment of your spending/revenue with a sustainable finance taxonomy
Row 1	No, and we do not plan to in the next two years	<Not Applicable>

**C4. Targets and performance**



C4.1

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

No target

C4.1c

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

	Primary reason	Five-year forecast	Please explain
Row 1	We are planning to introduce a target in the next two years	The power generation amount is much lower (-57%) than the previous year due to a forced outage on both units, so the GHG emission amount was decreased accordingly. HEAS returned to the normal operation period after the completion of the forced outage period at the beginning of 2023. The GHG emission will be higher than the previous year but with low carbon intensity compared with the reporting year. In 2022 emergency diesel generator operation caused high diesel oil consumption and start-stop numbers increased compared with the previous year after all plant efficiency decreased and carbon intensity was increased. HEAS is working on low-carbon transforming opportunities in its all scopes.	HEAS has monitored his carbon intensity since 2018. We set the carbon cap as 0,400 tCO <sub>2</sub> e/MWh for scope 1 emission. Emission intensity is 0,381 tonCO <sub>2</sub> e/Mwh in 2018, 0,350 tonCO <sub>2</sub> e/Mwh in 2019, 0,340 tonCO <sub>2</sub> e/Mwh in 2020, 0,337 tonCO <sub>2</sub> e/Mwh in 2021 and 0,353 tonCO <sub>2</sub> e/MWh in 2022 respectively. HEAS is working on the installation of a solar project to provide internal electricity consumption from this source, through which we will reduce our internal use of fossil fuels. The Environmental Impact Assessment Study of the PV project has been approved by the Environmental, Urbanization and Climate Change Ministry. The project construction phase will be started on the fourth Quarterly of 2023.

C4.2

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

No other climate-related targets

C4.3

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

Yes

C4.3a

**(C4.3a) Identify the total number of initiatives at each stage of development, and for those in the implementation stages, the estimated CO<sub>2</sub>e savings.**

	Number of initiatives	Total estimated annual CO <sub>2</sub> e savings in metric tonnes CO <sub>2</sub> e (only for rows marked *)
Under investigation	1	150000
To be implemented*	0	0
Implementation commenced*	1	214
Implemented*	1	199
Not to be implemented	0	0

C4.3b

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

**Initiative category & Initiative type**

Non-energy industrial process emissions reductions	Process equipment replacement
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**Estimated annual CO2e savings (metric tonnes CO2e)**

199

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

Scope 1

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

**Voluntary/Mandatory**

Voluntary

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

50000

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

2000

**Payback period**

<1 year

**Estimated lifetime of the initiative**

16-20 years

**Comment**

HEAS has climate-related opportunities on current and emerging regulations, especially Turkey's carbon mechanism, which is the outcome of the European Green Deal and Paris Agreement, evaluation process is in progress to enlarge the current study scope which is parallel with CDP expectation.

HEAS has implemented an infrastructure project to decrease direct emissions, category 1.1 GHG emissions, especially diesel fuel consumption for electricity. In 2022 HEAS put into use the additional MV system to connect both units to each other for power supply during any energy interruption against the emergency diesel generator utilization.

HEAS is working on listing and realised the opportunities to decrease the direct and indirect GHG emissions.

**C4.3c**

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

Method	Comment
Compliance with regulatory requirements/standards	To follow up any climate adaption issue in the light of Limak and HEAS Sustainability Strategy, local and international legislation requirement, Paris Agreement, Green Deal and good practices in the sector.
Dedicated budget for energy efficiency	HEAS follows up on preventative and corrective maintenance programs for energy efficiency via OPEX and CAPEX.

**C4.5**

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

No

**C-EU4.6**

**(C-EU4.6) Describe your organization's efforts to reduce methane emissions from your activities.**

HEAS follows up on preventative and corrective maintenance programs for methane leakage at the plant's natural gas lines. All natural gas pipelines are monitored via pressure transmitters on the plant Distributed Control System. Natural gas leak detection systems are in place indoor areas for explosion safety. The trip alarms and orders are furnished against any leakage and pipe pressure loss according to case-by-case studies. HEAS has a special SOP to check any leak from fuel gas stations and natural gas pipelines via portable leakage detection equipment on a biweekly period. HEAS monitors the natural gas consumption continuously and hourly consumption reports to compare with the electricity production amount for the plant's efficiency and any leak of natural gas.

**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?**

No

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

<Not Applicable>

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

<Not Applicable>

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	No, but we have discovered significant errors in our previous response(s)	<Not Applicable>

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	HEAS has a specific GHG Emission Management Procedure to monitor, calculate, report and verify processes according to local regulations and ISO 14064 standard. Base year and previous year calculation has to be checked according to the internal procedure and the recalculation has been conducted after the discovery of a calculation error in category 3.1 Indirect GHG emissions from transportation. There was no insourcing/outourcing changes or additional activities.	No

C5.2

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

**Scope 1**

**Base year start**

January 1 2021

**Base year end**

December 31 2021

**Base year emissions (metric tons CO2e)**

2528687.2

**Comment**

The emissions has been calculated and reported according to ISO 14064-1:2018 Greenhouse gases — Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals. Direct emissions from stationary combustion, Direct emissions from mobile combustion and Direct fugitive emissions from the release of GHGs in anthropogenic systems are included the reporting. HEAS has not LULUCF activities and process emission.

**Scope 2 (location-based)**

**Base year start**

January 1 2021

**Base year end**

December 31 2021

**Base year emissions (metric tons CO2e)**

1729.12

**Comment**

Scope 2 emission was calculated for electricity import from the national energy grid system. Internal electricity need is feed by on his power generation system. Electricity consumption amount multiplied by grid emission factor is defined by Republic of Türkiye of Ministry of Energy and Natural Resources for Turkish grid system.

**Scope 2 (market-based)**

**Base year start**

January 1 2021

**Base year end**

December 31 2021

**Base year emissions (metric tons CO2e)**

0

**Comment**

No market based emission

**Scope 3 category 1: Purchased goods and services**

**Base year start**

January 1 2021

**Base year end**

December 31 2021

**Base year emissions (metric tons CO2e)**

19531.48

**Comment**

**Scope 3 category 2: Capital goods**

**Base year start**

January 1 2021

**Base year end**

December 31 2021

**Base year emissions (metric tons CO2e)**

46583

**Comment**

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

**Base year start**

January 1 2021

**Base year end**

December 31 2021

**Base year emissions (metric tons CO2e)**

430509

**Comment**

**Scope 3 category 4: Upstream transportation and distribution**

**Base year start**

January 1 2021

**Base year end**

December 31 2021

**Base year emissions (metric tons CO2e)**

85.5

**Comment**

**Scope 3 category 5: Waste generated in operations**

**Base year start**

January 1 2021

**Base year end**

December 31 2021

**Base year emissions (metric tons CO2e)**

46.35

**Comment**

**Scope 3 category 6: Business travel**

**Base year start**

January 1 2021

**Base year end**

December 31 2021

**Base year emissions (metric tons CO2e)**

0.94

**Comment**

**Scope 3 category 7: Employee commuting**

**Base year start**

January 1 2021

**Base year end**

December 31 2021

**Base year emissions (metric tons CO2e)**

44.7

**Comment**

**Scope 3 category 8: Upstream leased assets**

**Base year start**

January 1 2021

**Base year end**

December 31 2021

**Base year emissions (metric tons CO2e)**

0

**Comment**

no Upstream leased assets emission

**Scope 3 category 9: Downstream transportation and distribution**

**Base year start**

January 1 2021

**Base year end**

December 31 2021

**Base year emissions (metric tons CO2e)**

0

**Comment**

no Downstream transportation and distribution emission

**Scope 3 category 10: Processing of sold products**

**Base year start**

January 1 2021

**Base year end**

December 31 2021

**Base year emissions (metric tons CO2e)**

0

**Comment**

no Processing of sold products emission

**Scope 3 category 11: Use of sold products**

**Base year start**

January 1 2021

**Base year end**

December 31 2021

**Base year emissions (metric tons CO2e)**

0

**Comment**

no Use of sold products emission

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

**Base year start**

January 1 2021

**Base year end**

December 31 2021

**Base year emissions (metric tons CO2e)**

0

**Comment**

no End of life treatment of sold products emission

**Scope 3 category 13: Downstream leased assets**

**Base year start**

January 1 2021

**Base year end**

December 31 2021

**Base year emissions (metric tons CO2e)**

0

**Comment**

no Downstream leased assets emission

**Scope 3 category 14: Franchises**

**Base year start**

January 1 2021

**Base year end**

December 31 2021

**Base year emissions (metric tons CO2e)**

0

**Comment**

no Franchises emission

**Scope 3 category 15: Investments**

**Base year start**

January 1 2021

**Base year end**

December 31 2021

**Base year emissions (metric tons CO2e)**

0

**Comment**

no Investments emission

**Scope 3: Other (upstream)**

**Base year start**

January 1 2021

**Base year end**

December 31 2021

**Base year emissions (metric tons CO2e)**

0

**Comment**

no Other (upstream) emission

**Scope 3: Other (downstream)**

**Base year start**

January 1 2021

**Base year end**

December 31 2021

**Base year emissions (metric tons CO2e)**

0

**Comment**

no Other (downstream) emission

**C5.3**

---

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

IPCC Guidelines for National Greenhouse Gas Inventories, 2006

ISO 14064-1

The Greenhouse Gas Protocol: Corporate Value Chain (Scope 3) Standard

**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)**

1126185

**Start date**

<Not Applicable>

**End date**

<Not Applicable>

**Comment**

The power generation amount is much lower (-57%) than the previous year due to a forced outage on both units, so the scope 1 emission amount was decreased accordingly.

**C6.2**

---

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

**Row 1**

**Scope 2, location-based**

We are reporting a Scope 2, location-based figure

**Scope 2, market-based**

We have no operations where we are able to access electricity supplier emission factors or residual emissions factors and are unable to report a Scope 2, market-based figure

**Comment**

Scope 2 emission was calculated for electricity import from the national energy grid system. Internal electricity need is feed by on his power generation system. Electricity consumption amount multiplied by grid emission factor is defined by Republic of Türkiye of Ministry of Energy and Natural Resources for Turkish grid system.

**C6.3**

---

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

**Reporting year**

**Scope 2, location-based**

4613.87

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

<Not Applicable>

**Start date**

<Not Applicable>

**End date**

<Not Applicable>

**Comment**

The power generation amount is much lower (-57%) than the previous year due to a forced outage on both units, so the scope 2 emission amount was increased accordingly. HEAS's emission factor is 0,353 tCO2e/MW is lower than the Turkey's energy market emission factor is 0,440 tCO2e/MW. HEAS is working on 9,4 MW PV system integration for the internal consumption and decrease the scope 2 emission.

**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)

10151

### Emissions calculation methodology

Spend-based method

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

0

### Please explain

HEAS use the GHG Quantis software to calculate the scope 3 emission with the spend based method.

## Capital goods

### Evaluation status

Relevant, calculated

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

27

### Emissions calculation methodology

Spend-based method

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

0

### Please explain

HEAS use the GHG Quantis software to calculate the scope 3 emission with the spend based method.

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

### Evaluation status

Relevant, calculated

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

187401

### Emissions calculation methodology

Fuel-based method

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

0

### Please explain

The power generation amount is much lower (-57%) than the previous year due to a forced outage on both units, low natural gas consumption has been occurred. HEAS uses the DEFRA well to tank emission factors to calculated the GHG emission of purchase fuels.

## Upstream transportation and distribution

### Evaluation status

Relevant, calculated

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

1054

### Emissions calculation methodology

Distance-based method

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

0

### Please explain

## Waste generated in operations

### Evaluation status

Relevant, calculated

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

27

### Emissions calculation methodology

Waste-type-specific method

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

0

### Please explain



**Business travel****Evaluation status**

Relevant, calculated

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

12

**Emissions calculation methodology**

Distance-based method

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

0

**Please explain****Employee commuting****Evaluation status**

Relevant, calculated

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

40

**Emissions calculation methodology**

Distance-based method

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

0

**Please explain****Upstream leased assets****Evaluation status**

Not relevant, explanation provided

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

<Not Applicable>

**Emissions calculation methodology**

<Not Applicable>

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

<Not Applicable>

**Please explain**

HEAS does not have Upstream leased assets emission.

**Downstream transportation and distribution****Evaluation status**

Not relevant, explanation provided

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

<Not Applicable>

**Emissions calculation methodology**

<Not Applicable>

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

<Not Applicable>

**Please explain**

HEAS does not have Downstream transportation and distribution emission. HEAS is responsible to hand over the electricity via the switchyard of the customer located at the site. HEAS does not have any responsibility or activity regarding energy transportation and distribution.

**Processing of sold products****Evaluation status**

Not relevant, explanation provided

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

<Not Applicable>

**Emissions calculation methodology**

<Not Applicable>

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

<Not Applicable>

**Please explain**

HEAS does not have Processing of sold products emission. HEAS is responsible to hand over the electricity via the switchyard of the customer located at the site. HEAS does not have any responsibility or activity regarding sold energy.

## Use of sold products

### Evaluation status

Not relevant, explanation provided

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

<Not Applicable>

### Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

### Please explain

HEAS does not have use of sold products emission. HEAS is responsible to hand over the electricity via the switchyard of the customer located at the site. HEAS does not have any responsibility or activity regarding sold energy.

## End of life treatment of sold products

### Evaluation status

Not relevant, explanation provided

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

<Not Applicable>

### Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

### Please explain

HEAS does not have End of life treatment of sold products emission. HEAS is responsible to hand over the electricity via the switchyard of the customer located at the site. HEAS does not have any responsibility or activity regarding sold energy.

## Downstream leased assets

### Evaluation status

Not relevant, explanation provided

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

<Not Applicable>

### Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

### Please explain

HEAS does not have downstream leased assets emission. HEAS does not have any activity regarding downstream leased assets.

## Franchises

### Evaluation status

Not relevant, explanation provided

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

<Not Applicable>

### Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

### Please explain

HEAS does not have franchises emission. HEAS does not have any franchises.

## Investments

### Evaluation status

Not relevant, explanation provided

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

<Not Applicable>

### Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

### Please explain

HEAS does not have any investments.

**Other (upstream)**

**Evaluation status**

Not relevant, explanation provided

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

<Not Applicable>

**Emissions calculation methodology**

<Not Applicable>

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

<Not Applicable>

**Please explain**

no other upstream emission.

**Other (downstream)**

**Evaluation status**

Not relevant, explanation provided

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

<Not Applicable>

**Emissions calculation methodology**

<Not Applicable>

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

<Not Applicable>

**Please explain**

no other downstream emission.

C6.7

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

Yes

C6.7a

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

	CO2 emissions from biogenic carbon (metric tons CO2)	Comment
Row 1	0.2	HEAS conducts periodic emergency drills about fire fighting. The wooden materials are burned at the drill organization accordingly.

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**

0.355

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

1130798

**Metric denominator**

megawatt hour generated (MWh)

**Metric denominator: Unit total**

3189803

**Scope 2 figure used**

Location-based

**% change from previous year**

5

**Direction of change**

Increased

**Reason(s) for change**

Change in output

**Please explain**

The power generation amount is much lower (-57%) than the previous year due to a forced outage on both units. HEAS has 0.337 tCO2e/MW carbon intensity in 2021 and 0.353 tCO2e/MW carbon intensity in 2022. In the reporting year start-stop numbers, due to the energy market condition, caused the low operation efficiency and high carbon intensity.

## C7. Emissions breakdowns

### C7.1

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

Yes

### C7.1a

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

Greenhouse gas	Scope 1 emissions (metric tons of CO2e)	GWP Reference
CO2	1124735	IPCC Sixth Assessment Report (AR6 - 100 year)
CH4	20.48	IPCC Sixth Assessment Report (AR6 - 100 year)
N2O	2.044	IPCC Sixth Assessment Report (AR6 - 100 year)
HFCs	0.028	IPCC Sixth Assessment Report (AR6 - 100 year)
SF6	0.006	IPCC Sixth Assessment Report (AR6 - 100 year)

### C-EU7.1b

(C-EU7.1b) Break down your total gross global Scope 1 emissions from electric utilities value chain activities by greenhouse gas type.

	Gross Scope 1 CO2 emissions (metric tons CO2)	Gross Scope 1 methane emissions (metric tons CH4)	Gross Scope 1 SF6 emissions (metric tons SF6)	Total gross Scope 1 emissions (metric tons CO2e)	Comment
Fugitives	0.73	0	0.006	262.39	Direct fugitive emissions from the release of GHG in anthropogenic system
Combustion (Electric utilities)	1124735	20.39	0	1125860.81	Direct Emissions from stationary combustion
Combustion (Gas utilities)	0	0	0	0	no Combustion (Gas utilities)
Combustion (Other)	60.12	0.008	0	61.9	Direct Emissions from mobile combustion
Emissions not elsewhere classified	0	0	0	0	no Emissions not elsewhere classified

### 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)
Turkey	1126185

### 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
Hamitabat elektrik Üretim ve Ticaret A.Ş. 1220 MW Natural Gas Combined Cycle Power Plant	1126185	41.487756	27.338629

C-CE7.4/C-CH7.4/C-CO7.4/C-EU7.4/C-MM7.4/C-OG7.4/C-ST7.4/C-TO7.4/C-TS7.4

**(C-CE7.4/C-CH7.4/C-CO7.4/C-EU7.4/C-MM7.4/C-OG7.4/C-ST7.4/C-TO7.4/C-TS7.4) Break down your organization's total gross global Scope 1 emissions by sector production activity in metric tons CO2e.**

	Gross Scope 1 emissions, metric tons CO2e	Net Scope 1 emissions, metric tons CO2e	Comment
Cement production activities	<Not Applicable>	<Not Applicable>	<Not Applicable>
Chemicals production activities	<Not Applicable>	<Not Applicable>	<Not Applicable>
Coal production activities	<Not Applicable>	<Not Applicable>	<Not Applicable>
Electric utility activities	1126185	<Not Applicable>	HEAS's scope 1 emission has coverage ISO 14064 Category 1 emission namely Category 1.1 Direct Emissions from stationary combustion, Category 1.2 Direct Emissions from mobile combustion, and Category 1.4 Direct fugitive emissions from the release of GHG in the anthropogenic system. Category 1.3 Direct process emissions and removals arise from industrial processes and Category 1.5 Direct emissions and removals from Land use, land use change, and forestry are not related to HEAS'S activity. In the reporting year, HEAS's scope 1 emission represents 84.7% ( 1,126,185 ton CO2e) of all emissions. The direct emissions from stationary combustion represent 99.97% (1,125,860.1475 ton CO2e) of scope 1 emissions. The direct Emissions from mobile combustion and Category 1.4 Direct fugitive emissions from the release of GHG in the anthropogenic system were 0.01%( 62 ton CO2e) and 0.02% (262,4 ton CO2e), respectively.
Metals and mining production activities	<Not Applicable>	<Not Applicable>	<Not Applicable>
Oil and gas production activities (upstream)	<Not Applicable>	<Not Applicable>	<Not Applicable>
Oil and gas production activities (midstream)	<Not Applicable>	<Not Applicable>	<Not Applicable>
Oil and gas production activities (downstream)	<Not Applicable>	<Not Applicable>	<Not Applicable>
Steel production activities	<Not Applicable>	<Not Applicable>	<Not Applicable>
Transport OEM activities	<Not Applicable>	<Not Applicable>	<Not Applicable>
Transport services activities	<Not Applicable>	<Not Applicable>	<Not Applicable>

**C7.7**

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

Not relevant as we do not have any subsidiaries

**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?**

Decreased

**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	0	No change	0	HEAS has not any renewable energy sources.
Other emissions reduction activities	0	No change	0	In reporting period, no emissions reduction activities
Divestment	0	No change	0	In reporting period, no divestment
Acquisitions	0	No change	0	In reporting period, no acquisitions
Mergers	0	No change	0	In reporting period, no mergers
Change in output	1399617	Decreased	5	The power generation amount is much lower (-57%) than the previous year due to a forced outage on both units, so the emission amount was decreased accordingly. HEAS returned to the normal operation period after the completion of the forced outage period at the beginning of 2023.
Change in methodology	0	No change	0	In reporting period, no change in methodology
Change in boundary	0	No change	0	In the reporting year, no change in boundary
Change in physical operating conditions	0	No change	0	In the reporting year, no change in physical operating conditions
Unidentified	0	No change	0	no additional issue
Other	0	No change	0	no other issue

### 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 85% but less than or equal to 90%

#### 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)	No
Consumption of purchased or acquired electricity	Yes
Consumption of purchased or acquired heat	No
Consumption of purchased or acquired steam	No
Consumption of purchased or acquired cooling	No
Generation of electricity, heat, steam, or cooling	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)	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Consumption of purchased or acquired electricity	<Not Applicable>	0	10486.07	10486.07
Consumption of purchased or acquired heat	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Consumption of purchased or acquired steam	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Consumption of purchased or acquired cooling	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Consumption of self-generated non-fuel renewable energy	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Total energy consumption	<Not Applicable>	0	0	0

#### C8.2g

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

**Country/area**

Turkey

**Consumption of purchased electricity (MWh)**

10486.07

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

58453.76

**Is this electricity consumption excluded from your RE100 commitment?**

<Not Applicable>

**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]**

68939.83

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C-EU8.4

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(C-EU8.4) Does your electric utility organization have a transmission and distribution business?

No

C9. Additional metrics

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C9.1

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

**Description**

Waste

**Metric value**

80.47

**Metric numerator**

tonnes

**Metric denominator (intensity metric only)**

tonnes/MWh

**% change from previous year**

22.64

**Direction of change**

Decreased

**Please explain**

The power generation amount is much lower (-57%) than the previous year due to a forced outage on both units, so the waste amount was decreased but intensity was increased with 82% accordingly.

HEAS returned to the normal operation period after the completion of the forced outage and maintenance period at the beginning of 2023.

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**Description**

Energy usage

**Metric value**

20117149

**Metric numerator**

GJ

**Metric denominator (intensity metric only)**

natural gas consumption GJ / generation GJ

**% change from previous year**

1.2

**Direction of change**

Increased

**Please explain**

The power generation amount is much lower (-57%) than the previous year due to a forced outage on both units, so the the energy was increased but intensity was increased with 1.2 % accordingly. The number of start-stop operation and market energy demand are effected the plant efficiency.

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(C-EU9.5a) Break down, by source, your organization’s CAPEX in the reporting year and CAPEX planned over the next 5 years.

**Coal – hard**

CAPEX in the reporting year for power generation from this source (unit currency as selected in C0.4)

0

CAPEX in the reporting year for power generation from this source as % of total CAPEX for power generation in the reporting year

0

CAPEX planned over the next 5 years for power generation from this source as % of total CAPEX planned for power generation over the next 5 years

0

Most recent year in which a new power plant using this source was approved for development

<Not Applicable>

Explain your CAPEX calculations, including any assumptions

HEAS has no consumption of coal so no coal CAPEX.

**Lignite**

CAPEX in the reporting year for power generation from this source (unit currency as selected in C0.4)

0

CAPEX in the reporting year for power generation from this source as % of total CAPEX for power generation in the reporting year

0

CAPEX planned over the next 5 years for power generation from this source as % of total CAPEX planned for power generation over the next 5 years

0

Most recent year in which a new power plant using this source was approved for development

<Not Applicable>

Explain your CAPEX calculations, including any assumptions

HEAS has no consumption of lignite so no lignite CAPEX.

**Oil**

CAPEX in the reporting year for power generation from this source (unit currency as selected in C0.4)

0

CAPEX in the reporting year for power generation from this source as % of total CAPEX for power generation in the reporting year

0

CAPEX planned over the next 5 years for power generation from this source as % of total CAPEX planned for power generation over the next 5 years

0

Most recent year in which a new power plant using this source was approved for development

<Not Applicable>

Explain your CAPEX calculations, including any assumptions

HEAS has no consumption of oil so no oil CAPEX.

**Gas**

CAPEX in the reporting year for power generation from this source (unit currency as selected in C0.4)

CAPEX in the reporting year for power generation from this source as % of total CAPEX for power generation in the reporting year

CAPEX planned over the next 5 years for power generation from this source as % of total CAPEX planned for power generation over the next 5 years

Most recent year in which a new power plant using this source was approved for development

<Not Applicable>

Explain your CAPEX calculations, including any assumptions

**Sustainable biomass**

CAPEX in the reporting year for power generation from this source (unit currency as selected in C0.4)

0

CAPEX in the reporting year for power generation from this source as % of total CAPEX for power generation in the reporting year

0

CAPEX planned over the next 5 years for power generation from this source as % of total CAPEX planned for power generation over the next 5 years

0

Most recent year in which a new power plant using this source was approved for development

<Not Applicable>

Explain your CAPEX calculations, including any assumptions

HEAS has no consumption of Sustainable biomass so no Sustainable biomass CAPEX.



**Other biomass**

**CAPEX in the reporting year for power generation from this source (unit currency as selected in C0.4)**

0

**CAPEX in the reporting year for power generation from this source as % of total CAPEX for power generation in the reporting year**

0

**CAPEX planned over the next 5 years for power generation from this source as % of total CAPEX planned for power generation over the next 5 years**

0

**Most recent year in which a new power plant using this source was approved for development**

<Not Applicable>

**Explain your CAPEX calculations, including any assumptions**

HEAS has no consumption of other biomass so no otherbiomass CAPEX.

**Waste (non-biomass)**

**CAPEX in the reporting year for power generation from this source (unit currency as selected in C0.4)**

0

**CAPEX in the reporting year for power generation from this source as % of total CAPEX for power generation in the reporting year**

0

**CAPEX planned over the next 5 years for power generation from this source as % of total CAPEX planned for power generation over the next 5 years**

0

**Most recent year in which a new power plant using this source was approved for development**

<Not Applicable>

**Explain your CAPEX calculations, including any assumptions**

HEAS has no consumption of non- biomass so no non- biomass CAPEX.

**Nuclear**

**CAPEX in the reporting year for power generation from this source (unit currency as selected in C0.4)**

0

**CAPEX in the reporting year for power generation from this source as % of total CAPEX for power generation in the reporting year**

0

**CAPEX planned over the next 5 years for power generation from this source as % of total CAPEX planned for power generation over the next 5 years**

0

**Most recent year in which a new power plant using this source was approved for development**

<Not Applicable>

**Explain your CAPEX calculations, including any assumptions**

HEAS has no consumption of nuclear so no nuclear CAPEX.

**Geothermal**

**CAPEX in the reporting year for power generation from this source (unit currency as selected in C0.4)**

0

**CAPEX in the reporting year for power generation from this source as % of total CAPEX for power generation in the reporting year**

0

**CAPEX planned over the next 5 years for power generation from this source as % of total CAPEX planned for power generation over the next 5 years**

0

**Most recent year in which a new power plant using this source was approved for development**

<Not Applicable>

**Explain your CAPEX calculations, including any assumptions**

HEAS has no consumption of geothermal so no geothermal CAPEX.

**Hydropower**

**CAPEX in the reporting year for power generation from this source (unit currency as selected in C0.4)**

0

**CAPEX in the reporting year for power generation from this source as % of total CAPEX for power generation in the reporting year**

0

**CAPEX planned over the next 5 years for power generation from this source as % of total CAPEX planned for power generation over the next 5 years**

0

**Most recent year in which a new power plant using this source was approved for development**

<Not Applicable>

**Explain your CAPEX calculations, including any assumptions**

HEAS has no hydropower CAPEX.

## Wind

CAPEX in the reporting year for power generation from this source (unit currency as selected in C0.4)

0

CAPEX in the reporting year for power generation from this source as % of total CAPEX for power generation in the reporting year

0

CAPEX planned over the next 5 years for power generation from this source as % of total CAPEX planned for power generation over the next 5 years

0

Most recent year in which a new power plant using this source was approved for development

<Not Applicable>

Explain your CAPEX calculations, including any assumptions

HEAS has no wind CAPEX.

## Solar

CAPEX in the reporting year for power generation from this source (unit currency as selected in C0.4)

0

CAPEX in the reporting year for power generation from this source as % of total CAPEX for power generation in the reporting year

0

CAPEX planned over the next 5 years for power generation from this source as % of total CAPEX planned for power generation over the next 5 years

Most recent year in which a new power plant using this source was approved for development

<Not Applicable>

Explain your CAPEX calculations, including any assumptions

HEAS is working on the installation of a solar project to provide internal electricity consumption from this source, through which we will reduce our internal use of fossil fuels. The Environmental Impact Assessment Study of the PV project has been approved by the Environmental, Urbanization and Climate Change Ministry. The project construction phase will be started on the fourth Quarterly of 2023. The project capacity will be 9.4 MWp.

## Marine

CAPEX in the reporting year for power generation from this source (unit currency as selected in C0.4)

0

CAPEX in the reporting year for power generation from this source as % of total CAPEX for power generation in the reporting year

0

CAPEX planned over the next 5 years for power generation from this source as % of total CAPEX planned for power generation over the next 5 years

0

Most recent year in which a new power plant using this source was approved for development

<Not Applicable>

Explain your CAPEX calculations, including any assumptions

no marine CAPEX

## Fossil-fuel plants fitted with CCS

CAPEX in the reporting year for power generation from this source (unit currency as selected in C0.4)

0

CAPEX in the reporting year for power generation from this source as % of total CAPEX for power generation in the reporting year

0

CAPEX planned over the next 5 years for power generation from this source as % of total CAPEX planned for power generation over the next 5 years

0

Most recent year in which a new power plant using this source was approved for development

<Not Applicable>

Explain your CAPEX calculations, including any assumptions

no Fossil-fuel plants fitted with CCS CAPEX

## Other renewable (e.g. renewable hydrogen)

CAPEX in the reporting year for power generation from this source (unit currency as selected in C0.4)

0

CAPEX in the reporting year for power generation from this source as % of total CAPEX for power generation in the reporting year

0

CAPEX planned over the next 5 years for power generation from this source as % of total CAPEX planned for power generation over the next 5 years

0

Most recent year in which a new power plant using this source was approved for development

<Not Applicable>

Explain your CAPEX calculations, including any assumptions

no Other renewable (e.g. renewable hydrogen)

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

**CAPEX in the reporting year for power generation from this source (unit currency as selected in C0.4)**

0

**CAPEX in the reporting year for power generation from this source as % of total CAPEX for power generation in the reporting year**

0

**CAPEX planned over the next 5 years for power generation from this source as % of total CAPEX planned for power generation over the next 5 years**

0

**Most recent year in which a new power plant using this source was approved for development**

<Not Applicable>

**Explain your CAPEX calculations, including any assumptions**

no other non-renewable (e.g. non-renewable hydrogen)

**C-EU9.5b**

**(C-EU9.5b) Break down your total planned CAPEX in your current CAPEX plan for products and services (e.g. smart grids, digitalization, etc.).**

Products and services	Description of product/service	CAPEX planned for product/service	Percentage of total CAPEX planned products and services	End of year CAPEX plan
Please select				

**C-CE9.6/C-CG9.6/C-CH9.6/C-CN9.6/C-CO9.6/C-EU9.6/C-MM9.6/C-OG9.6/C-RE9.6/C-ST9.6/C-TO9.6/C-TS9.6**

**(C-CE9.6/C-CG9.6/C-CH9.6/C-CN9.6/C-CO9.6/C-EU9.6/C-MM9.6/C-OG9.6/C-RE9.6/C-ST9.6/C-TO9.6/C-TS9.6) Does your organization invest in research and development (R&D) of low-carbon products or services related to your sector activities?**

	Investment in low-carbon R&D	Comment
Row 1	No	

**C10. Verification**

**C10.1**

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

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

**C10.1a**

**(C10.1a) Provide further details of the verification/assurance undertaken for your Scope 1 emissions, and attach the relevant statements.**

**Verification or assurance cycle in place**

Annual process

**Status in the current reporting year**

Underway but not complete for reporting year – previous statement of process attached

**Type of verification or assurance**

Third party verification/assurance underway

**Attach the statement**

2021 SG beyanı onaylı.pdf

**Page/ section reference**

2022 GHG Emission Verification Process is on-going. Please find the 2021 GHG verified emission report via <http://www.hamitabatelektrik.com/files/2021%20y%C4%B1%C4%B1%20sera%20gaz%C4%B1%20beyan%C4%B1.pdf> and attached file. Please checked the "Kategori 1" emission on the page.

**Relevant standard**

ISO14064-3

**Proportion of reported emissions verified (%)**

100

## C10.1b

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**(C10.1b) Provide further details of the verification/assurance undertaken for your Scope 2 emissions and attach the relevant statements.**

**Scope 2 approach**

Scope 2 location-based

**Verification or assurance cycle in place**

Annual process

**Status in the current reporting year**

Underway but not complete for reporting year – previous statement of process attached

**Type of verification or assurance**

Third party verification/assurance underway

**Attach the statement**

2021 SG beyanı onaylı.pdf

**Page/ section reference**

2022 GHG Esmision Verification Process is on-going. Please find the 2021 GHG verified emission report via <http://www.hamitabatelektrik.com/files/2021%20y%C4%B1%C4%B1%20sera%20gaz%C4%B1%20beyan%C4%B1.pdf> and attached file. Please checked the "Kategori 2" emission on the page.

**Relevant standard**

ISO14064-3

**Proportion of reported emissions verified (%)**

100

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## C10.1c

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**(C10.1c) Provide further details of the verification/assurance undertaken for your Scope 3 emissions and attach the relevant statements.**

**Scope 3 category**

Scope 3: Purchased goods and services

Scope 3: Capital goods

Scope 3: Upstream transportation and distribution

Scope 3: Waste generated in operations

Scope 3: Business travel

Scope 3: Employee commuting

**Verification or assurance cycle in place**

Please select

**Status in the current reporting year**

Underway but not complete for reporting year – previous statement of process attached

**Type of verification or assurance**

Third party verification/ assurance underway

**Attach the statement**

2021 SG beyanı onaylı.pdf

**Page/section reference**

2022 GHG Esmision Verification Process is on-going. Please find the 2021 GHG verified emission report via <http://www.hamitabatelektrik.com/files/2021%20y%C4%B1%C4%B1%20sera%20gaz%C4%B1%20beyan%C4%B1.pdf> and attached file. Please checked the "Kategori 3 and Kategori 4" emission on the page.

**Relevant standard**

ISO14064-3

**Proportion of reported emissions verified (%)**

100

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## C10.2

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**(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?**

Yes

## C10.2a

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**(C10.2a) Which data points within your CDP disclosure have been verified, and which verification standards were used?**

Disclosure module verification relates to	Data verified	Verification standard	Please explain
C6. Emissions data	Emissions reduction activities	HEAS has calculate, report and verified emission sink amount according to ISO 14064-3 and please find the related declaration on its GHG emission statment. 2022 GHG emission verification process is on-going, please find previous year.	HEAS has calculate, report and verified emission sink amount according to ISO 14064-3 and please find the related declaration on its GHG emission statment. 2022 GHG emission verification process is on-going, please find previous year. 2021 SG beyanı onaylı.pdf

**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, but we anticipate being regulated in the next three years

**C11.1d**

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

HEAS has reported and verified GHG emissions from stationary combustion systems since 2015 according to the national regulatory requirements to collaborate to set the national carbon pricing mechanism.

**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, and we do not currently anticipate doing so in the next two years

**C12. Engagement**

**C12.1**

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

No, we do not engage

**C12.1e**

**(C12.1e) Why do you not engage with any elements of your value chain on climate-related issues, and what are your plans to do so in the future?**

HEAS has a special supplier management process and procedure to evaluate its capability according to HEAS's environment impact management policy. At the beginning of the candidate supplier assessment process is conducted via a supplier assessment questionnaire form which is generated by HEAS's procurement, sustainability, and quality management departments is comply with HEAS's internal and any other regulations, standards, and good application requirements. The candidate supplier has marked its performance on the environmental impact management process. This evaluation process is under development through collective works with different parties of HEAS and Limak Group of Companies' bodies.

HEAS uses DEFRA emission factor and the Quantis to figure out the scope 3 emissions. HEAS identified high carbon emissions sources on procurement parts and services in the reporting and previous year's emission report. The next step will be obtaining the supplier's emission factor for procurement parts and services to use the GHG emission reports.

After the completion of the development of the supplier evaluation process, all supplier will be informed Limak's sustainability policy and precaution and implementation of the decarbonization program and supplier's responsibilities.

## C12.2

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### (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

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### (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

The suppliers have to submit their proficiency documentation according to related regulations and standards which have to be obtained. The fugitive emissions sources responsible services personnel have to have proficiency certificates for control and maintenance of the equipment. All documents and permits are controlled by the sustainability department in the candidate supplier assessment process.

#### % 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

100

#### Mechanisms for monitoring compliance with this climate-related requirement

Certification

Supplier scorecard or rating

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

Retain and engage

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## C12.3

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### (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

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

No, and we do not plan to have one in the next two years

#### Attach commitment or position statement(s)

<Not Applicable>

#### 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

HEAS has calculated and monitored his GHG emission since 2018 for his new power plant to generate transition plan in very well manner. We are working on contributing Limak Holding climate strategy. HEAS will be announced his climate policy and road map to decrease GHG emission with in two years. HEAS has reported and verified GHG emissions from stationary combustion systems since 2015 according to the national regulatory requirements to collaborate to set the national carbon pricing mechanism.

#### Primary reason for not engaging in activities that could directly or indirectly influence policy, law, or regulation that may impact the climate

<Not Applicable>

#### Explain why your organization does not engage in activities that could directly or indirectly influence policy, law, or regulation that may impact the climate

<Not Applicable>

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## C12.3a

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**(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**

HEAS has calculated and monitored his GHG emission since 2018 for his new power plant to generate transition plan in very well manner. We are working on contributing Limak Holding climate strategy. HEAS will be announced his climate policy and road map to decrease GHG emission with in two years. HEAS has reported and verified GHG emissions from stationary combustion systems since 2015 according to the national regulatory requirements to collaborate to set the national carbon pricing mechanism.

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

Carbon pricing, taxes, and subsidies

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

Carbon taxes  
Emissions trading schemes

**Policy, law, or regulation geographic coverage**

National

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

Turkey

**Your organization's position on the policy, law, or regulation**

Support with no exceptions

**Description of engagement with policy makers**

HEAS has calculated and monitored his GHG emission since 2018 for his new power plant to generate transition plan in very well manner. We are working on contributing Limak Holding climate strategy. HEAS will be announced his climate policy and road map to decrease GHG emission with in two years. HEAS has reported and verified GHG emissions from stationary combustion systems since 2015 according to the national regulatory requirements to collaborate to set the national carbon pricing mechanism.

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

<Not Applicable>

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

No, we have not evaluated

**Please explain whether this policy, law or regulation is central to the achievement of your climate transition plan and, if so, how?**

<Not Applicable>

**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**

limak-2020-2021-sustainability-report.pdf

**Page/Section reference**

Please find the HEAS's sustainability part at the beginning of 91st page and at the end of the 105th page of the report.

**Content elements**

Emissions figures  
Other metrics

**Comment**

HEAS publishes Sustainability Report since 2015 in compliance with GRI requirements as a body of Limak Group of Companies. 2022 Sustainability Report is underway.

**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	We are not a signatory/member of any collaborative framework, initiative and/or commitment related to environmental issues	<Not Applicable>

**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	Description of oversight and objectives relating to biodiversity	Scope of board-level oversight
Row 1	Yes, both board-level oversight and executive management-level responsibility	HEAS is committed to comply with national and international conventions and statements namely, Bern Convention, IUCN, CITES etc., Hunting Law No.4915 and Central Hunting Commission which are specified on the project international Environmental and Social Impact Assessment and national Environmental Impact Assessment studies. These commitments are responsibilities for all of the HEAS's all-level employees. HEAS's ESIA and EIA studies can be reachable via the plant's website.	<Not Applicable>

**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	Biodiversity-related public commitments	Initiatives endorsed
Row 1	Yes, we have made public commitments only	Commitment to not explore or develop in legally designated protected areas Commitment to respect legally designated protected areas Commitment to avoidance of negative impacts on threatened and protected species	<Not Applicable>

**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

**Value chain stage(s) covered**

<Not Applicable>

**Portfolio activity**

<Not Applicable>

**Tools and methods to assess impacts and/or dependencies on biodiversity**

<Not Applicable>

**Please explain how the tools and methods are implemented and provide an indication of the associated outcome(s)**

<Not Applicable>

**Dependencies on biodiversity**

**Indicate whether your organization undertakes this type of assessment**

No, but we plan to within the next two years

**Value chain stage(s) covered**

<Not Applicable>

**Portfolio activity**

<Not Applicable>

**Tools and methods to assess impacts and/or dependencies on biodiversity**

<Not Applicable>

**Please explain how the tools and methods are implemented and provide an indication of the associated outcome(s)**

<Not Applicable>

**C15.4**

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

No

**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?	Type of action taken to progress biodiversity- related commitments
Row 1	Yes, we are taking actions to progress our biodiversity-related commitments	Land/water protection Land/water management Education & awareness Law & policy



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	Yes, we use indicators	Response indicators

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
In voluntary sustainability report or other voluntary communications	Content of biodiversity-related policies or commitments	Please find the biodiversity part on the 115th page of the Sustainability Report. limak-2020-2021-sustainability-report.pdf

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	Sustainability & HSE Manager	Environment/Sustainability manager

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