

Module: Introduction**Page: Introduction****CC0.1****Introduction**

Please give a general description and introduction to your organization.

Türkiye Kalkınma Bankası A.Ş. (TKB) has been providing strong and systematic contributions to Turkey's economic development with its strategic role in the supply of long term financial resources which is the most basic requirement of sustainable economic development.

TKB continues its activities with its mission of increasing employment, income and levels of welfare. The Bank allocates funds to finance the fixed and working capital investments of different sectors including energy, energy efficiency, industry, tourism, finance and health.

TKB works in collaboration with a network of major international funding agencies in the process of supporting potential investments and initiatives in the private sector financially, offering long-term resources that have been obtained within the network of international relationships to a large section of the business world, through direct lending and apex banking (wholesale banking activities).

Another area where TKB serves its experience is consultancy and technical assistance services. In this regard, the Bank supports institutions and enterprises operating in different fields with its specialists possessing knowledge on sectors as well as experience in national and international field while supporting the efforts of developing their own potential with concrete contributions. TKB goes beyond being a conventional lender; it is a service provider that shares technical knowledge and experience with its customers unconditionally throughout the investment period.

In this context, the Bank, as a "responsible corporate citizen", contributes to initiatives that protect the environment and address climate change, which are essential elements of sustainable development, by collaborating with the international financial institutions.

The Bank, that provides development and investment banking services in the ongoing activities to reduce the negative environmental impacts, has established an Environmental Management System in order to increase its positive influences. The System is created based on the TS-EN-ISO 14001 Environmental Management System standard.

TKB is the only state-owned bank to hold the Environmental Management Systems (EMS) Certificate. TKB completed its sixth years of success in the ISO 14001 Environmental Management System which was first implemented in 2010.

With the awareness of climate change being the biggest threat facing humanity, the Bank is in an effort to demonstrate its sensitivity in all of its activities within the scope of Turkey's strategy and target of curbing total greenhouse gas emissions. The loans issued until the end of year 2015 have led to an annual emissions reduction of 2.6 million tons in total. The Bank targets to increase this amount in the next years. The Bank also aims to be a carbon neutral bank while continuing to support investments focusing on sustainable development and economic growth in 2016.

The total assets of TKB grew by 22% YoY and reached TRY 4,774 million at the end of 2015. The Bank has TRY 500 million of registered capital and paid-in capital of TRY 160 million. The Bank's shareholders' equity amounted to TRY 703 million at the end of 2015. The Undersecretariat of Treasury of the Republic of Turkey holds 99.08% of the paid-in capital of the Development Bank of Turkey. The remaining shares are traded on the Borsa Istanbul Second National Market under the "KLNMA" ticker.

Guided by Turkey's 2023 vision, TKB will continue to contribute and play an active role in the sustainable development process of the country in the future as it does today with its powerful resource structure, competent human resources and corporate governance approach.

CC0.2

Reporting Year

Please state the start and end date of the year for which you are reporting data.

The current reporting year is the latest/most recent 12-month period for which data is reported. Enter the dates of this year first.

We request data for more than one reporting period for some emission accounting questions. Please provide data for the three years prior to the current reporting year if you have not provided this information before, or if this is the first time you have answered a CDP information request. (This does not apply if you have been offered and selected the option of answering the shorter questionnaire). If you are going to provide additional years of data, please give the dates of those reporting periods here. Work backwards from the most recent reporting year.

Please enter dates in following format: day(DD)/month(MM)/year(YYYY) (i.e. 31/01/2001).

Enter Periods that will be disclosed

Thu 01 Jan 2015 - Thu 31 Dec 2015

CC0.3

Country list configuration

Please select the countries for which you will be supplying data. If you are responding to the Electric Utilities module, this selection will be carried forward to assist you in completing your response.

Select country
Turkey

CC0.4

Currency selection

Please select the currency in which you would like to submit your response. All financial information contained in the response should be in this currency.

TRY

CC0.6

Modules

As part of the request for information on behalf of investors, electric utilities, companies with electric utility activities or assets, companies in the automobile or auto component manufacture sub-industries, companies in the oil and gas sub-industries, companies in the information technology and telecommunications sectors and companies in the food, beverage and tobacco industry group should complete supplementary questions in addition to the main questionnaire.

If you are in these sector groupings (according to the Global Industry Classification Standard (GICS)), the corresponding sector modules will not appear below but will automatically appear in the navigation bar when you save this page. If you want to query your classification, please email respond@cdp.net.

If you have not been presented with a sector module that you consider would be appropriate for your company to answer, please select the module below. If you wish to view the questions first, please see <https://www.cdp.net/en-US/Programmes/Pages/More-questionnaires.aspx>.

Further Information

Please find attached the bank's organizational chart that exhibits the role of the Environmental Management Committee

Attachments

Module: Management

Page: CC1. Governance

CC1.1

Where is the highest level of direct responsibility for climate change within your organization?

Board or individual/sub-set of the Board or other committee appointed by the Board

CC1.1a

Please identify the position of the individual or name of the committee with this responsibility

Group and Individual Responsibility:

The Committee responsible for the management and follow up of the issues related to Climate Change is entitled as "the Environmental Management Committee". TKB has been implementing the (TSE EN) ISO 14001 Environmental Management System (EMS) and the system is managed by this Committee that operates directly under the General Manager of the Bank.

The operational method and principals of the Environmental Management Committee (EMC) are determined by the board of executives.

The Committee's role in the management of the TKB is very important as it annually reports and shapes the decisions to be made at the Annual Management Review meetings. For this first reporting year, the Environmental Management Committee is assigned to coordinate and overview the climate change related activities.

The Environmental Management Committee is assigned by the general manager of the Bank. One delegate and two subordinate delegates and four members constitute the committee. The delegate and subordinate delegates are selected from amongst the general manager of the Bank, deputy general managers, department heads, and other members of the committee are selected from amongst the other personnel. The Committee is not only responsible for following up climate change related issues but also for following up tasks related to ISO 14001 Environmental Management System. The duties and responsibilities of the committee include the following:

1. Setting up of the environmental management system, and ensuring implementation of the system.
2. Guarantee the continuity of the environmental management system.
3. By organizing activities that would improve the system and by organizing internal audits, engage in studies that will allow and help periodic evaluation of the environmental management system by the Bank's top management.

4. Collecting and presenting to the top management of the Bank, the advice for the improvement of the environmental management system.
5. Inspection of the status of targets and commitments in order to overview the performance of the environmental management system. If an incompatibility to comply with the system targets and commitments is determined, to analyse and report the consequences and impacts of corrective actions and implementations that would either mitigate or minimize the causes of nonconformity to an acceptable level.
6. Provision of documents to the top management so that they can make the necessary adjustments for the evaluation of the system performances to ensure the continuity of the validity, compatibility and effectiveness of the system

CC1.2

Do you provide incentives for the management of climate change issues, including the attainment of targets?

Yes

CC1.2a

Please provide further details on the incentives provided for the management of climate change issues

Who is entitled to benefit from these incentives?	The type of incentives	Incentivized performance indicator	Comment
Other: Environmental Management Committee	Other non-monetary reward	Energy reduction project Efficiency project Efficiency target Other: active engagement in issues related to environment and climate change	We provide incentives for participation in international fair activities and or international conferences and workshops
All employees	Other non-monetary reward	Energy reduction project Efficiency project Efficiency target Other: active engagement in issues related to environment and climate change	Involvement in career development activities are facilitated

Further Information

Page: CC2. Strategy

CC2.1

Please select the option that best describes your risk management procedures with regard to climate change risks and opportunities

Integrated into multi-disciplinary company wide risk management processes

CC2.1a

Please provide further details on your risk management procedures with regard to climate change risks and opportunities

Frequency of monitoring	To whom are results reported?	Geographical areas considered	How far into the future are risks considered?	Comment
Sporadically, not defined	Other committee	Turkey	1 to 3 years	On a project by project basis as the investment is completed we provide reports to the source providers (Such as EBRD, EIB and WB). Our monitoring and reporting involve not only environmental but also climate change related aspects of the projects.

CC2.1b

Please describe how your risk and opportunity identification processes are applied at both company and asset level

TKB recognizes that it is invariably faced with different types of risks that may have a potentially negative effect on its business. TKB's specialized risk management department's approach includes risk identification, measurement and assessment, and its objective is to minimize negative effects of risks can have on the financial result and capital of the Bank.

The risks to which TKB is particularly exposed in its operations are: liquidity risk, credit risk, market risks (interest rate risk, foreign exchange risk and risk from change in market price of securities, financial derivatives and commodities), exposure risks, investment risks, risks relating to the geography of the entity to which

the bank is exposed, operational risk, legal risk, reputational risk and strategic risk. Within this framework climate change is considered to be a risk that can change or effect the severity of each of these risk groups. But, especially exposure risks, geographic area risks, and operational risks are considered to be the risks that may react more to the influence of climate change. Therefore in these risk categories especially the risk management unit sets up conservative limits reducing the geographical or technological clustering of the projects that will be financed by the Bank.

Climate change related risks are in general accounted for during the project evaluation phase when the project evaluation teams test the project properties against mid and long term climate parameters such as long term precipitation data and flood possibility estimates by the State Hydraulic Works. As such the Bank tries avoiding the clustering of the loans provided to hydro projects from one particular region, as a precautionary measure against the drought or flooding like climate related risks.

In addition to this by monitoring the resource utilization and waste minimization TKB tries to improve climate resilience of the company.

CC2.1c

How do you prioritize the risks and opportunities identified?

Within the general risk management procedures of the TKB, climate change was not considered as a separate risk but was considered mainly at the project assessment phase. Therefore there is no specific risk prioritization process with regards to climate change. However, the bank management recognizes the climate change as one of the biggest challenges the sector has to face and therefore during the general risk assessment process climate change related issues are taken into consideration with the following priority order:

- A) To follow a policy where low carbon technologies and investments will be supported.
- B) To monitor, measure and reduce the Greenhouse Gas emissions related to our operations and thus to become an example in the sector.
- C) To improve the Bank's reputation by becoming carbon neutral, environmentally friendly and sustainable, in all our operations.

Regarding the risk analysis and prioritization related to Bank's assets, the risk prioritization is performed mainly within the framework of ISO14001 EMS and the following are identified.

- Environmental aspects of our activities are assessed and the measures that will mitigate the environmental aspects are prioritized based on criteria defined by the Bank. These criteria can be listed as the impact, occurrence frequency, compliance with legislation, and presence of precautionary actions. Accordingly annual environmental targets and action plans are structured.

As can be seen the risks and opportunities are not defined taking the climate change into special account. Therefore in the next reporting year the bank decided to specify procedures to identify and prioritize climate change risks and opportunities related to Bank's operations.

CC2.1d

Please explain why you do not have a process in place for assessing and managing risks and opportunities from climate change, and whether you plan to introduce such a process in future

Main reason for not having a process	Do you plan to introduce a process?	Comment

CC2.2

Is climate change integrated into your business strategy?

Yes

CC2.2a

Please describe the process of how climate change is integrated into your business strategy and any outcomes of this process

In year 2015 Annual Report, the Strategic Plan of TKB for the 2015 to 2019 period outlined 6 objectives towards production/asset development. In the 5th strategic objective that states “To create a strong resource structure that supports sustainable asset growth” the concept of sustainable banking is iterated and this concept also encompasses issues related to climate change and climate resilience. The strategies of the TKB which is a state owned bank are also inline with country policies and therefore the climate change and transition to a low carbon economy policies of Turkey. Our strategies and targets are designed to be inline with the Turkey's submitted Intended National Determined Contribution (INDC), with a greenhouse gas reduction target (including land use, land use change and forestry (LULUCF) of up to 21% below business as usual (BAU) in 2030.

TKB considers sustainable development as an integrated part of its climate change mitigation and adaptation strategy. This approach dates back to year 2006, and led to the development of the environmental policy of the Bank since 2010.

The TKB is committed to reducing the environmental impact of its services and activities and use of natural resources, as well as increasing its positive environmental activities. Considering the indirect effect of these approaches over the climate change related issues, the major gains realized over the six years of Environmental Management can be listed as follows:

- Significant reductions in the use of natural resources such as natural gas, electricity, water and paper consumption arising from the activities carried out within the Bank.
- In accordance with Article 19 of the Act No. 4734, the Bank has started to use renewable electricity in a bid to provide cheap and cleanly sourced electricity.
- The TKB Memorial Forest, in the district of Etimesgut, Ankara was set up with 4,000 trees.
- The Bank ensured that its personnel participated in training programs, fairs and congresses related to issues such as the environment, energy, energy efficiency and waste technologies.

In addition to this the climate change and carbon markets related developments at national and international levels are being followed up closely by the experts and by the upper management level. The Bank continues its work to integrate to its activities the developments and the tools that will be utilized in the accelerating carbon markets that are developing at the national level.

As mentioned above the core business of TKB is the provision of loans. At the project evaluation stage the environmental sensitivity of the investment, the Social and Environmental Impact Assessment (SEIA) Report of the project, the expectations of the found source providers from renewable energy and energy efficiency projects, the greenhouse gas emission reduction potential of the investment and the monitoring data obtained after the commissioning of the investment are the components that feeds in the general operational strategies of the company.

Renewable energy, which is essential for a low carbon economy, is one of the issues that the TKB attaches importance to. The TKB, in line with Turkey's priorities, has been taking important steps in supporting renewable energy investments.

At the end of 2015, a total of 331 projects had been evaluated and TRY 5 billion in loans had been provided to 266 projects with a total installed capacity of 2,007 MW. The Bank also provided TRY 2.2 billion in funding support to 129 energy projects with a total installed capacity of 1,117 MW.

By the end of 2015, production activities had started in 84 energy investment projects with a total installed capacity of 858 MW, for which financial support was provided. The annual economic impact of these projects totals approximately 3,513 GWh, preventing about 2.6 million tons of CO2 equivalent greenhouse gas emissions per year.

In line with TKB's strategy to support a low carbon economy the year 2015 Renewable Energy Primary Indicators can be listed as follows:

- Total Amount of Allocated Loans TRY 3,600 million
- Total Amount of Contractual Loans TRY 2,942 million
- Total Amount of Loans Supplied to Corporations TRY 2,222 million
- Number of Projects Evaluated 331
- Number of Projects Financed 129, accounting for an additional capacity of 1,117.00 MW

Renewable Energy Power Plants That Became Operational as of December 31st, 2015:

- 48 Hydroelectric Power Plants
- 2 Wind Farms
- 2 Geothermal Power Plants
- 3 Landfill Projects
- 10 Energy Efficiency Projects
- 19 Solar Power Plants

The Environmental Management System Committee's 2016 to 2018 targets covers, integration of a systematic climate change approach to the Bank activities and approaches.

As stated in the year 2015 Annual Report "As a responsible corporate citizen, "TKB" conducts its business relations with international financial institutions with regard to initiatives aimed at environmental protection and tackling climate change and we maintain our identity as an indispensable service provider with our role in the process of implementing investments in tourism, renewable energy, and energy efficiency as well as environmental investments in other sectors." During the project assessment process in addition to taking into consideration the SEIA aspects of each project that is seeking finance, we especially take into account the CO2 emissions reduction potential of the projects. Accordingly we follow up each project's emission reduction potential and we annually follow up and analyse the

cumulative impact of the projects financed by TKB.

CC2.2b

Please explain why climate change is not integrated into your business strategy

CC2.2c

Does your company use an internal price of carbon?

No, but we anticipate doing so in the next 2 years

CC2.2d

Please provide details and examples of how your company uses an internal price of carbon

CC2.3

Do you engage in activities that could either directly or indirectly influence public policy on climate change through any of the following? (tick all that apply)

- Direct engagement with policy makers
- Trade associations
- Other

CC2.3a

On what issues have you been engaging directly with policy makers?

Focus of legislation	Corporate Position	Details of engagement	Proposed legislative solution
Cap and trade	Support	Within the framework of The World Bank Partnership for Market Readiness (PMR) project that started in December 2013, the bank have attended to the "evaluation of the suitability of Emissions Trading Scheme for Turkey" Meeting, and provided active contribution to the establishment of carbon markets and activation of market based emissions reduction mechanisms in Turkey.	The Bank is providing feedback and support to the Ministry of Environment and Urban Planning in determining and evaluating the policy options that would help Turkey reduce greenhouse gas emission reductions. The Bank is also actively involved in the efforts of setting up a National Carbon Market
Mandatory carbon reporting	Support	On 10.6.2015 contributed to the second draft of Turkey's 6th National Communication under UNFCCC by issuing the Bank's opinion.	Contributed and cooperated with the Ministry of Environment and Urban Planning (MoEUP) for the preparation of Turkey's National Communication under UNFCCC
Climate finance	Support	Contributed to the topic of "mechanisms that could be utilized to finance energy efficiency investments" at the workshop on energy efficiency in Turkey on November 2015.	Cooperated with the Ministry of Energy and Natural Resources (MoENR) to intervene for the tools that would be utilized for the financing of the Energy Efficiency investments.
Clean energy generation	Support	On November 2015 the report titled "Production of electricity via renewable energy resources: Available technologies, technological trends, and investment-operation costs" was presented to the Ministry of Development and we have cooperated with the Ministry on these topics.	The bank research results on power production based on renewable resources have been shared with the Ministry of Development and the Development Agency.
Energy efficiency	Support	We have issued the Bank's opinion on the improvement of awareness on energy efficiency and on the financing options for energy efficiency projects.	We have cooperated with the MoENR by attending to the Energy Efficiency in Turkey Workshop organized by the General Directorate of Renewable Energy
Climate finance	Support	The Bank is issuing opinions on the carbon tax, energy efficiency, renewable energy production, and climate finance topics in close coordination and communication with the Undersecretariat of Treasury and Foreign Trade, Ministry of Economy, Ministry of Development, Ministry of Finance, Ministry of Science, Industry and Technology. In addition to this the Bank is supporting policy making processes via organisations such as the Union of Banks of Turkey, Turkish Union Of Chambers and Commodity Exchanges, Turkish Industrialists' and Businessmen's Association, and Chambers of Commerce.	Work in Progress

CC2.3b

Are you on the Board of any trade associations or provide funding beyond membership?

No

CC2.3c

Please enter the details of those trade associations that are likely to take a position on climate change legislation

Trade association	Is your position on climate change consistent with theirs?	Please explain the trade association's position	How have you, or are you attempting to, influence the position?

CC2.3d

Do you publicly disclose a list of all the research organizations that you fund?

CC2.3e

Please provide details of the other engagement activities that you undertake

The NGO activity that was created by Istanbul Stock Exchange was supported. On 13 July 2015 we have cooperated with Istanbul Stock Exchange by issuing opinion on the establishment of the sustainability platform that also covers climate change related issues.

We have provided support to NGO works within the framework of Climate and Civil Society project: Within the context of the "Evaluation of the Climate Change Mitigation and Adaptation Policies" panel organised by TEMA and WWF Turkey we have provided support and cooperation by issuing the Bank's opinion. Providing support to the efforts in the establishment of a general understanding to protect the environment, while crediting and providing other banking services, and consideration of this topic as a social project: Within the Union of Banks of Turkey, Playing an active Role at the working group titled Role of Finance Sector for the Sustainable Growth.

CC2.3f

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

Within the context of meetings, workshops, panels and work group meetings, the Bank is issuing opinions on the carbon tax, energy efficiency, renewable energy production, and climate finance topics in close coordination and communication with the Undersecretariat of Treasury and Foreign Trade, Ministry of Environment and Urban Planning, Ministry of Energy and Natural Resources, Ministry of Economy, Ministry of Development, Ministry of Finance, Ministry of Science, Industry and Technology. In addition to this the Bank is actively participating interinstitutional cooperation efforts related to climate change and providing written opinion whenever needed. We are also actively supporting policy making processes via organisations such as the Union of Banks of Turkey, Turkish Union of Chambers and Commodity Exchanges, Turkish Industrialists' and Businessmen's Association, and Chambers of Commerce.

CC2.3g

Please explain why you do not engage with policy makers

Further Information

Page: CC3. Targets and Initiatives

CC3.1

Did you have an emissions reduction or renewable energy consumption or production target that was active (ongoing or reached completion) in the reporting year?

Renewable energy consumption and/or production target

CC3.1a

Please provide details of your absolute target

ID	Scope	% of emissions in scope	% reduction from base year	Base year	Base year emissions covered by target (metric tonnes CO2e)	Target year	Is this a science-based target?	Comment
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CC3.1b

Please provide details of your intensity target

ID	Scope	% of emissions in scope	% reduction from base year	Metric	Base year	Normalized base year emissions covered by target	Target year	Is this a science-based target?	Comment

CC3.1c

Please also indicate what change in absolute emissions this intensity target reflects

ID	Direction of change anticipated in absolute Scope 1+2 emissions at target completion?	% change anticipated in absolute Scope 1+2 emissions	Direction of change anticipated in absolute Scope 3 emissions at target completion?	% change anticipated in absolute Scope 3 emissions	Comment

CC3.1d

Please provide details of your renewable energy consumption and/or production target

ID	Energy types covered by target	Base year	Base year energy for energy type covered (MWh)	% renewable energy in base year	Target year	% renewable energy in target year	Comment
RE1	Electricity consumption	2014	1.29	0%	2015	100%	We have introduced the condition of the source of electricity to be fully from renewable sources at the year 2015 procurement bid for our electricity supply.
RE2	Electricity consumption	2015	1.32	100%	2016	100%	We target to get I-REC certified renewable energy for year 2016 and 2017

CC3.1e

For all of your targets, please provide details on the progress made in the reporting year

ID	% complete (time)	% complete (emissions or renewable energy)	Comment
RE1	100%	100%	We believe we achieved this target based on the documentation provided to us by the service provider. See attached documentation.

CC3.1f

Please explain (i) why you do not have a target; and (ii) forecast how your emissions will change over the next five years

CC3.2

Do you classify any of your existing goods and/or services as low carbon products or do they enable a third party to avoid GHG emissions?

Yes

CC3.2a

Please provide details of your products and/or services that you classify as low carbon products or that enable a third party to avoid GHG emissions

Level of aggregation	Description of product/Group of products	Are you reporting low carbon product/s or avoided emissions?	Taxonomy, project or methodology used to classify product/s as low carbon or to calculate avoided emissions	% revenue from low carbon product/s in the reporting year	% R&D in low carbon product/s in the reporting year	Comment
Group of products	Loans that we provide to Renewable Energy and Energy Efficiency investments	Avoided emissions	Evaluating the carbon reducing impacts of ICT			We record the emission reductions that are caused as a result of loans we provided to the renewable energy and energy efficiency investments, and we report this in our annual reports. Accordingly we have seen that the loans we have provided until the end of year 2015 have led to an annual emissions reduction of 2.6 million tons in total. We target to increase this amount in the next years.

CC3.3

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

No

CC3.3a

Please identify the total number of projects at each stage of development, and for those in the implementation stages, the estimated CO2e savings

Stage of development	Number of projects	Total estimated annual CO2e savings in metric tonnes CO2e (only for rows marked *)

CC3.3b

For those initiatives implemented in the reporting year, please provide details in the table below

Activity type	Description of activity	Estimated annual CO2e savings (metric tonnes CO2e)	Scope	Voluntary/Mandatory	Annual monetary savings (unit currency - as specified in CC0.4)	Investment required (unit currency - as specified in CC0.4)	Payback period	Estimated lifetime of the initiative	Comment

CC3.3c

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

Method	Comment

CC3.3d

If you do not have any emissions reduction initiatives, please explain why not

This reporting year (2015) is the first year when we would be reporting our GHG emissions. After the MRV processes and the trainings the key experts are going to be taking directly related to MRV and climate change we will have a benchmark within two years and we will be able to determine our targets.

For this year (2016) the administrative decisions are taken to move forwards to make a carbon disclosure reporting and in addition to the ISO 14001 Environmental Management System that the Bank already has it is decided to establish the ISO 50001 Energy Management System. Also this is the time when the training and inventorying activities related to GHG emissions have initiated.

This year (2016), the institutional structuring and sustainability committee will be established, and the studies towards operational procedures of this committee have started.

In addition to this in order to determine an emission reduction target we need to determine a benchmark based on two years, therefore we are unable to provide a target for this year but we expect to do so earliest in 2017.

Further Information

Attached is the documentation for the origin of the electricity we consumed for the reporting year.

Attachments

[https://www.cdp.net/sites/2016/37/63537/Climate Change 2016/Shared Documents/Attachments/ClimateChange2016/CC3.TargetsandInitiatives/OPENEnergyRenewableSource.pdf](https://www.cdp.net/sites/2016/37/63537/Climate%20Change%202016/Shared%20Documents/Attachments/ClimateChange2016/CC3.TargetsandInitiatives/OPENEnergyRenewableSource.pdf)

Page: CC4. Communication

CC4.1

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	Status	Page/Section reference	Attach the document	Comment
No	Underway - this is our first year	12,15,17, 20, 22,25,31,54	https://www.cdp.net/sites/2016/37/63537/Climate Change 2016/Shared Documents/Attachments/CC4.1/annual_report_2015.pdf	As can be seen at different parts of the Annual Report, The Climate Change is taken into consideration and is reflected in the management and business strategy efforts. But starting from year 2016 we intend to implement CDSB Framework and report our climate change response and GHG emissions in mainstream financial reports.
No	Complete	see pdf page 5 to 19	https://www.cdp.net/sites/2016/37/63537/Climate Change 2016/Shared Documents/Attachments/CC4.1/FeasibilityTrainingClimateandEnvChpt2015.pdf	Within the context of feasibility study trainings that we provide to both private and public sector, we explain the institutional and national risks that will be presented by climate change, by providing examples from different parts of the world. We explain the impact of CO2 emissions on climate change. We mention the mitigation and adaptation efforts performed by Turkey. We provide general information about the activities and technologies that can be implemented to reduce greenhouse gas emissions.

Further Information

During the feasibility trainings we also show the movie entitled "Wake Up, Freak Out - then Get a Grip" with Turkish subtitles. The following pdf is a screen shot from this animated movie. The movie can be watched from the permanent links provided in the document.

Attachments

[https://www.cdp.net/sites/2016/37/63537/Climate Change 2016/Shared Documents/Attachments/ClimateChange2016/CC4.Communication/WakeUpOutGetGrip \(TR\) on Vimeo.pdf](https://www.cdp.net/sites/2016/37/63537/Climate Change 2016/Shared Documents/Attachments/ClimateChange2016/CC4.Communication/WakeUpOutGetGrip (TR) on Vimeo.pdf)

Module: Risks and Opportunities

Page: CC5. Climate Change Risks

CC5.1

Have you identified any inherent climate change risks that have the potential to generate a substantive change in your business operations, revenue or expenditure? Tick all that apply

Risks driven by changes in regulation
Risks driven by changes in physical climate parameters

CC5.1a

Please describe your inherent risks that are driven by changes in regulation

Risk driver	Description	Potential impact	Timeframe	Direct/Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
Renewable energy regulation	A change, the government may make at the	Other: decrease in	Unknown	Indirect (Client)	Unknown	Medium	Impact to the loan repayments	Loans are backed up by letters of guarantees that can	Since the loans are backed up by letters of

Risk driver	Description	Potential impact	Timeframe	Direct/Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
	renewable energy regulation, such as cancelling the purchase guarantee and other changes at the pricing.	revenues						be liquidated easily, therefore the risk is well managed and thus this is not a high risk.	guarantee, the interest revenue of the bank decreases.
Other regulatory drivers	A change in the energy efficiency regulation may force the bank to change to the energy efficient appliances or may force us to make more investment on energy efficiency in our buildings.	Increased capital cost	1 to 3 years	Direct	Unknown	Medium	Impact to general budget	Not Applicable	

CC5.1b

Please describe your inherent risks that are driven by changes in physical climate parameters

Risk driver	Description	Potential impact	Timeframe	Direct/Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
Change in precipitation extremes and droughts	The agriculture, tourism, renewable energy sectors that we provided loans can be impacted due to severe weather	Other: decrease in revenues	Unknown	Indirect (Client)	More likely than not	Medium	Impact to the loan repayments	Loans are backed up by letters of guarantees that can be liquidated	Since the loans are backed up by letters of guarantee, the interest revenue

Risk driver	Description	Potential impact	Timeframe	Direct/Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
	conditions. A considerable portion of our portfolio consist of hydroelectric power plants (HPP). Changes in precipitation may affect TKB's credit portfolio. Our clients may have some difficulties in reimbursements.							easily, therefore the risk is well managed and thus this is not a high risk.	of the bank decreases

CC5.1c

Please describe your inherent risks that are driven by changes in other climate-related developments

Risk driver	Description	Potential impact	Timeframe	Direct/Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management

CC5.1d

Please explain why you do not consider your company to be exposed to inherent risks driven by changes in regulation that have the potential to generate a substantive change in your business operations, revenue or expenditure

CC5.1e

Please explain why you do not consider your company to be exposed to inherent risks driven by physical climate parameters that have the potential to generate a substantive change in your business operations, revenue or expenditure

CC5.1f

Please explain why you do not consider your company to be exposed to inherent risks driven by changes in other climate-related developments that have the potential to generate a substantive change in your business operations, revenue or expenditure

For this reporting year taking into consideration our crediting portfolio and due to our conservative risk management procedures we don't envisage such other climate related developments to be a risk for our operations

Further Information**Page: CC6. Climate Change Opportunities**

CC6.1

Have you identified any inherent climate change opportunities that have the potential to generate a substantive change in your business operations, revenue or expenditure? Tick all that apply

Opportunities driven by changes in regulation

CC6.1a

Please describe your inherent opportunities that are driven by changes in regulation

Opportunity driver	Description	Potential impact	Timeframe	Direct/Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
Renewable energy regulation	A new regulation that would support and accelerate renewable energy Investment	Increased demand for existing products/services	1 to 3 years	Indirect (Client)	Unknown	Medium	The Crediting portfolio and the size of assets of the Bank may grow.	We would need to increase our activities to procure financial sources.	No cost is anticipated at this stage
Cap and trade schemes	A cap and trade system can be introduced.	Increased demand for existing products/services	1 to 3 years	Indirect (Client)	Unknown	Medium	In case of improvements in the carbon trading carbon credits may become a new financial tool.	We would need to establish carbon investment funds	No cost is anticipated at this stage
Other regulatory drivers	A change in energy efficiency regulation that would force the Bank to become more energy efficient.	Reduced operational costs	Unknown	Direct	Unknown	Medium	We would be spending money to comply with such a regulation but in the long run we would benefit as our operational expenses would be reduced.	We would need to start calculating our options to prioritise investment measures.	There will be an upfront cost but not calculated at the moment.

CC6.1b

Please describe the inherent opportunities that are driven by changes in physical climate parameters

Opportunity driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
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CC6.1c

Please describe the inherent opportunities that are driven by changes in other climate-related developments

Opportunity driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
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CC6.1d

Please explain why you do not consider your company to be exposed to inherent opportunities driven by changes in regulation that have the potential to generate a substantive change in your business operations, revenue or expenditure

CC6.1e

Please explain why you do not consider your company to be exposed to inherent opportunities driven by physical climate parameters that have the potential to generate a substantive change in your business operations, revenue or expenditure

The short term opportunities related to climate change are not foreseen.

CC6.1f

Please explain why you do not consider your company to be exposed to inherent opportunities driven by changes in other climate-related developments that have the potential to generate a substantive change in your business operations, revenue or expenditure

The short term opportunities related to climate change are not foreseen.

Further Information

We are scheduled to undergo a detailed training about the climate change related challenges (risks and opportunities) as a result we believe we would be identifying more risks and opportunities in the next reporting year

Module: GHG Emissions Accounting, Energy and Fuel Use, and Trading**Page: CC7. Emissions Methodology**

CC7.1

Please provide your base year and base year emissions (Scopes 1 and 2)

Scope	Base year	Base year emissions (metric tonnes CO2e)
Scope 1	Thu 01 Jan 2015 - Thu 31 Dec 2015	509.42

Scope	Base year	Base year emissions (metric tonnes CO2e)
Scope 2 (location-based)	Thu 01 Jan 2015 - Thu 31 Dec 2015	0
Scope 2 (market-based)	Thu 01 Jan 2015 - Thu 31 Dec 2015	0

CC7.2

Please give the name of the standard, protocol or methodology you have used to collect activity data and calculate Scope 1 and Scope 2 emissions

Please select the published methodologies that you use

ISO 14064-1

CC7.2a

If you have selected "Other" in CC7.2 please provide details of the standard, protocol or methodology you have used to collect activity data and calculate Scope 1 and Scope 2 emissions

CC7.3

Please give the source for the global warming potentials you have used

Gas	Reference
CO2	IPCC Fifth Assessment Report (AR5 - 100 year)
CH4	IPCC Fifth Assessment Report (AR5 - 100 year)
N2O	IPCC Fifth Assessment Report (AR5 - 100 year)
HFCs	IPCC Fifth Assessment Report (AR5 - 100 year)

CC7.4

Please give the emissions factors you have applied and their origin; alternatively, please attach an Excel spreadsheet with this data at the bottom of this page

Fuel/Material/Energy	Emission Factor	Unit	Reference
Natural gas	0.20	metric tonnes CO2e per MWh	2006 IPCC, Volume 2 Energy, Chapter 2 Stationary Combustion (Table 2.4)
Diesel/Gas oil	0.00264	metric tonnes CO2e per liter	2006 IPCC, Volume 2 Energy, Chapter 2 Stationary Combustion (Table 2.4)
Motor gasoline	0.00231	metric tonnes CO2e per liter	2006 IPCC, Volume 2 Energy, Chapter 3 Mobile Combustion (Table 3.2.1, 3.2.2)
Diesel/Gas oil	0.00267	metric tonnes CO2e per liter	2006 IPCC, Volume 2 Energy, Chapter 3 Mobile Combustion (Table 3.2.1, 3.2.2)
Electricity	0.44	metric tonnes CO2 per MWh	IEA 2015
Other: R 12	10200	metric tonnes CO2e per metric tonne	IPCC AR5
Other: R 22	1760	metric tonnes CO2e per metric tonne	IPCC AR5
Other: R 134A	1300	metric tonnes CO2e per metric	IPCC AR5

Fuel/Material/Energy	Emission Factor	Unit	Reference
Other: R 404A	3942.8	tonne metric tonnes CO2e per metric tonne	IPCC AR5
Other: R 407C	1624.2	metric tonnes CO2e per metric tonne	IPCC AR5

Further Information

The Scope 2 emissions that constitutes the electricity consumption of the TKB are considered to be "zero" as it was sourced entirely from renewable sources

Attachments

<https://www.cdp.net/sites/2016/37/63537/Climate Change 2016/Shared Documents/Attachments/ClimateChange2016/CC7.EmissionsMethodology/OFEN EnergyRenewableSource.pdf>

Page: CC8. Emissions Data - (1 Jan 2015 - 31 Dec 2015)

CC8.1

Please select the boundary you are using for your Scope 1 and 2 greenhouse gas inventory

Operational control

CC8.2

Please provide your gross global Scope 1 emissions figures in metric tonnes CO2e

509.42

CC8.3

Does your company have any operations in markets providing product or supplier specific data in the form of contractual instruments?

No

CC8.3a

Please provide your gross global Scope 2 emissions figures in metric tonnes CO2e

Scope 2, location-based	Scope 2, market-based (if applicable)	Comment
0	0	This is the emissions resulting from electricity consumption in our service buildings located in Ankara-Turkey. Although our electricity procurement contract requirements requested the supplier to provide us for renewable resources, our electricity is not registered to I-REC however the supplier provided us with a declaration of the source as renewable.

CC8.4

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

Yes

CC8.4a

Please provide details of the sources of Scope 1 and Scope 2 emissions that are within your selected reporting boundary which are not included in your disclosure

Source	Relevance of Scope 1 emissions from this source	Relevance of location-based Scope 2 emissions from this source	Relevance of market-based Scope 2 emissions from this source (if applicable)	Explain why the source is excluded
Istanbul Office	Emissions are relevant but not yet calculated	Emissions are relevant but not yet calculated	No emissions from this source	TKB's Istanbul office has a relatively low operational volume therefore it was not included in the GHG reporting boundary for the reporting year.

CC8.5

Please estimate the level of uncertainty of the total gross global Scope 1 and 2 emissions figures that you have supplied and specify the sources of uncertainty in your data gathering, handling and calculations

Scope	Uncertainty range	Main sources of uncertainty	Please expand on the uncertainty in your data
Scope 1	More than 2% but less than or equal to 5%	Assumptions No Sources of Uncertainty	The Majority of scope 1 emissions are coming from natural gas utilization (about 91%) and natural gas consumption data is based on invoices where the supplier follows up the accuracy of the meters regularly. Leakage from coolers is an estimation (1 % leakage) of the total amount of cooling gas held in the coolers and fire extinguishers. And the second biggest source is the vehicles and they account for about 7% of the emissions and their data is based on invoices. Accordingly we do not expect an uncertainty more than 5%.
Scope 2 (location-based)	Less than or equal to 2%	Metering/Measurement Constraints	The emissions are considered to be zero due to renewable energy sourced electricity usage.
Scope 2	Less than or equal	No Sources of	There is no market-based Scope 2 emissions within our boundary.

Scope	Uncertainty range	Main sources of uncertainty	Please expand on the uncertainty in your data	
(market-based)	to 2%	Uncertainty		

CC8.6

Please indicate the verification/assurance status that applies to your reported Scope 1 emissions

Third party verification or assurance process in place

CC8.6a

Please provide further details of the verification/assurance undertaken for your Scope 1 emissions, and attach the relevant statements

Verification or assurance cycle in place	Status in the current reporting year	Type of verification or assurance	Attach the statement	Page/section reference	Relevant standard	Proportion of reported Scope 1 emissions verified (%)
Annual process	Underway but not complete for reporting year –	Third party verification/assurance underway	https://www.cdp.net/sites/2016/37/63537/Climate Change 2016/Shared Documents/Attachments/CC8.6a/TSE 14084_3 Verification-CertificationProcurementApproval.pdf	Attached document indicates that the process have started and the Bank Management	ISO14064-3	1

Verification or assurance cycle in place	Status in the current reporting year	Type of verification or assurance	Attach the statement	Page/section reference	Relevant standard	Proportion of reported Scope 1 emissions verified (%)
	previous statement of process attached			approved procurement of the verification services.		

CC8.6b

Please provide further details of the regulatory regime to which you are complying that specifies the use of Continuous Emissions Monitoring Systems (CEMS)

Regulation	% of emissions covered by the system	Compliance period	Evidence of submission

CC8.7

Please indicate the verification/assurance status that applies to at least one of your reported Scope 2 emissions figures

Third party verification or assurance process in place

CC8.7a

Please provide further details of the verification/assurance undertaken for your location-based and/or market-based Scope 2 emissions, and attach the relevant statements

Location-based or market-based figure?	Verification or assurance cycle in place	Status in the current reporting year	Type of verification or assurance	Attach the statement	Page/Section reference	Relevant standard	Proportion of reported Scope 2 emissions verified (%)
Location-based	Annual process	Underway but not complete for reporting year – previous statement of process attached	Third party verification/assurance underway	https://www.cdp.net/sites/2016/37/63537/Climate Change 2016/Shared Documents/Attachments/CC8.7a/TSE 14084_3 Verification-CertificationProcurementApproval.pdf	Attached document indicates that the process have started and the Bank Management approved procurement of the verification services.	ISO14064-3	1

CC8.8

Please identify if any data points have been verified as part of the third party verification work undertaken, other than the verification of emissions figures reported in CC8.6, CC8.7 and CC14.2

Additional data points verified	Comment
No additional data verified	Since this is the first year of this exercise we decided to limit the third party verification process with Scope 1 and 2 emissions only

CC8.9

Are carbon dioxide emissions from biologically sequestered carbon relevant to your organization?

No

CC8.9a

Please provide the emissions from biologically sequestered carbon relevant to your organization in metric tonnes CO2

Further Information

Please note that the ISO1464-1 Greenhouse Gas Inventory report of TKB is going to be verified by TSI (Turkish Standards Institute) for Scope 1 and Scope 2 emissions, but the verification process will start in July 2016 due to the busy schedule of TSI. Attached is the approval document for the procurement of verification services.

Attachments

[https://www.cdp.net/sites/2016/37/63537/Climate Change 2016/Shared Documents/Attachments/ClimateChange2016/CC8.EmissionsData\(1Jan2015-31Dec2015\)/TSE 14084_3 Verification-CertificationProcurementApproval.pdf](https://www.cdp.net/sites/2016/37/63537/Climate Change 2016/Shared Documents/Attachments/ClimateChange2016/CC8.EmissionsData(1Jan2015-31Dec2015)/TSE 14084_3 Verification-CertificationProcurementApproval.pdf)

Page: CC9. Scope 1 Emissions Breakdown - (1 Jan 2015 - 31 Dec 2015)

CC9.1

Do you have Scope 1 emissions sources in more than one country?

No

CC9.1a

Please break down your total gross global Scope 1 emissions by country/region

Country/Region	Scope 1 metric tonnes CO2e

CC9.2

Please indicate which other Scope 1 emissions breakdowns you are able to provide (tick all that apply)

By activity

CC9.2a

Please break down your total gross global Scope 1 emissions by business division

Business division	Scope 1 emissions (metric tonnes CO2e)

CC9.2b

Please break down your total gross global Scope 1 emissions by facility

Facility	Scope 1 emissions (metric tonnes CO2e)	Latitude	Longitude

CC9.2c

Please break down your total gross global Scope 1 emissions by GHG type

GHG type	Scope 1 emissions (metric tonnes CO2e)

CC9.2d

Please break down your total gross global Scope 1 emissions by activity

Activity	Scope 1 emissions (metric tonnes CO2e)
Refrigerant Leakage from Air Conditioners and Refrigerators	79.68
Natural Gas Heating Purposes	392.40
Auxiliary Diesel Generator	1.32
Company Cars-Diesel	29.88
Company Cars-Gasoline	6.19

Further Information

CC10.1

Do you have Scope 2 emissions sources in more than one country?

No

CC10.1a

Please break down your total gross global Scope 2 emissions and energy consumption by country/region

Country/Region	Scope 2, location-based (metric tonnes CO2e)	Scope 2, market-based (metric tonnes CO2e)	Purchased and consumed electricity, heat, steam or cooling (MWh)	Purchased and consumed low carbon electricity, heat, steam or cooling accounted in market-based approach (MWh)

CC10.2

Please indicate which other Scope 2 emissions breakdowns you are able to provide (tick all that apply)

By activity

CC10.2a

Please break down your total gross global Scope 2 emissions by business division

Business division	Scope 2 emissions, location based (metric tonnes CO2e)	Scope 2 emissions, market-based (metric tonnes CO2e)

CC10.2b

Please break down your total gross global Scope 2 emissions by facility

Facility	Scope 2 emissions, location based (metric tonnes CO2e)	Scope 2 emissions, market-based (metric tonnes CO2e)

CC10.2c

Please break down your total gross global Scope 2 emissions by activity

Activity	Scope 2 emissions, location based (metric tonnes CO2e)	Scope 2 emissions, market-based (metric tonnes CO2e)
Electricity Consumption	0	0

Further Information

Please note that our Scope 2 emissions are considered to be zero (0) as the source of the electricity is renewable.

Attachments

[https://www.cdp.net/sites/2016/37/63537/Climate Change 2016/Shared Documents/Attachments/ClimateChange2016/CC10.Scope2EmissionsBreakdown\(1Jan2015-31Dec2015\)/OFEN EnergyRenewableSource.pdf](https://www.cdp.net/sites/2016/37/63537/Climate Change 2016/Shared Documents/Attachments/ClimateChange2016/CC10.Scope2EmissionsBreakdown(1Jan2015-31Dec2015)/OFEN EnergyRenewableSource.pdf)

Page: CC11. Energy

CC11.1

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

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

CC11.2

Please state how much heat, steam, and cooling in MWh your organization has purchased and consumed during the reporting year

Energy type	Energy purchased and consumed (MWh)
Heat	1936.99
Steam	0
Cooling	0

CC11.3

Please state how much fuel in MWh your organization has consumed (for energy purposes) during the reporting year

2080.89

CC11.3a

Please complete the table by breaking down the total "Fuel" figure entered above by fuel type

Fuels	MWh
Natural gas	1936.99
Diesel/Gas oil	119.28
Motor gasoline	24.87

CC11.4

Please provide details of the electricity, heat, steam or cooling amounts that were accounted at a low carbon emission factor in the market-based Scope 2 figure reported in CC8.3a

Basis for applying a low carbon emission factor	MWh consumed associated with low carbon electricity, heat, steam or cooling	Comment
No purchases or generation of low carbon electricity, heat, steam or cooling accounted with a low carbon emissions factor		

CC11.5

Please report how much electricity you produce in MWh, and how much electricity you consume in MWh

Total electricity consumed (MWh)	Consumed electricity that is purchased (MWh)	Total electricity produced (MWh)	Total renewable electricity produced (MWh)	Consumed renewable electricity that is produced by company (MWh)	Comment
1323	1323	0	0	0	

Further Information

[Page: CC12. Emissions Performance](#)

CC12.1

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

This is our first year of estimation

CC12.1a

Please 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

Reason	Emissions value (percentage)	Direction of change	Please explain and include calculation

CC12.1b

Is your emissions performance calculations in CC12.1 and CC12.1a based on a location-based Scope 2 emissions figure or a market-based Scope 2 emissions figure?

CC12.2

Please describe your gross global combined Scope 1 and 2 emissions for the reporting year in metric tonnes CO2e per unit currency total revenue

Intensity figure =	Metric numerator (Gross global combined Scope 1 and 2 emissions)	Metric denominator: Unit total revenue	Scope 2 figure used	% change from previous year	Direction of change from previous year	Reason for change
0.0000027269	metric tonnes CO2e	186125000	Location-based	0	N/A	As this is our first year of emissions estimation, we cannot report a change from the previous year.

CC12.3

Please provide any additional intensity (normalized) metrics that are appropriate to your business operations

Intensity figure =	Metric numerator (Gross global combined Scope 1 and 2 emissions)	Metric denominator	Metric denominator: Unit total	Scope 2 figure used	% change from previous year	Direction of change from previous year	Reason for change
0.88	metric tonnes CO2e	full time equivalent (FTE) employee	578	Location-based	0	N/A	As this is our first year of emissions estimation, we cannot report a change from the previous year.

Further Information

Page: CC13. Emissions Trading

CC13.1**Do you participate in any emissions trading schemes?**

No, and we do not currently anticipate doing so in the next 2 years

CC13.1a

Please complete the following table for each of the emission trading schemes in which you participate

Scheme name	Period for which data is supplied	Allowances allocated	Allowances purchased	Verified emissions in metric tonnes CO2e	Details of ownership

CC13.1b

What is your strategy for complying with the schemes in which you participate or anticipate participating?

CC13.2**Has your organization originated any project-based carbon credits or purchased any within the reporting period?**

No

CC13.2a

Please provide details on the project-based carbon credits originated or purchased by your organization in the reporting period

Credit origination or credit purchase	Project type	Project identification	Verified to which standard	Number of credits (metric tonnes of CO2e)	Number of credits (metric tonnes CO2e): Risk adjusted volume	Credits cancelled	Purpose, e.g. compliance

Further Information

In order to determine our participation in any emissions trading schemes, we will first be calculating, reducing by energy efficiency measures and offsetting the unavoidable emissions. Therefore, we do not anticipate our involvement in any emissions trading scheme within the next 2 years.

Page: CC14. Scope 3 Emissions

CC14.1

Please account for your organization's Scope 3 emissions, disclosing and explaining any exclusions

Sources of Scope 3 emissions	Evaluation status	metric tonnes CO2e	Emissions calculation methodology	Percentage of emissions calculated using data obtained from suppliers or value chain partners	Explanation
Purchased goods and services	Relevant, calculated	665.88	The Greenhouse Gas Protocol - Corporate Value Chain (Scope 3) Accounting and Reporting	0.00%	Paper, Toners and Food and Beverage supplied are considered under this category.

Sources of Scope 3 emissions	Evaluation status	metric tonnes CO2e	Emissions calculation methodology	Percentage of emissions calculated using data obtained from suppliers or value chain partners	Explanation
			Standard		
Capital goods	Not relevant, explanation provided			0.00%	Since there was no significant capital good acquirement during the reporting year no calculation was made.
Fuel-and-energy-related activities (not included in Scope 1 or 2)	Relevant, calculated	166.29	The Greenhouse Gas Protocol - Corporate Value Chain (Scope 3) Accounting and Reporting Standard	0.00%	This item includes emissions estimated related to electricity transmission.
Upstream transportation and distribution	Not relevant, explanation provided				We don't have any emissions under this category
Waste generated in operations	Relevant, calculated	17.17	The Greenhouse Gas Protocol - Corporate Value Chain (Scope 3) Accounting and Reporting Standard	0.00%	This includes waste oils, recycled waste, wastewater and hazardous waste.
Business travel	Relevant, calculated	114.87	The Greenhouse Gas Protocol - Corporate Value Chain (Scope 3) Accounting and Reporting Standard	0.00%	This includes land (bus, train and car rent) and air travel made for business purposes .
Employee commuting	Relevant, calculated	1.07	The Greenhouse Gas Protocol - Corporate Value Chain (Scope 3) Accounting and Reporting Standard	0.00%	Based on a survey made amongst the staff.
Upstream leased assets	Not relevant, explanation provided				The only leased assets are a group of company cars and their fuel consumptions are already accounted for under scope 1, to avoid double counting we have not included them here.
Downstream transportation and distribution	Relevant, calculated	0.19	The Greenhouse Gas Protocol - Corporate Value Chain (Scope 3) Accounting and Reporting Standard	0.00%	The postal services, mainly low weight parcels sent are considered under this category

Sources of Scope 3 emissions	Evaluation status	metric tonnes CO2e	Emissions calculation methodology	Percentage of emissions calculated using data obtained from suppliers or value chain partners	Explanation
Processing of sold products	Not relevant, explanation provided				We do not have such products
Use of sold products	Not relevant, explanation provided				We don't sell any products
End of life treatment of sold products	Not relevant, explanation provided				We don't have any products to calculate end of life
Downstream leased assets	Not relevant, explanation provided				We don't have any down stream leased assets
Franchises	Not relevant, explanation provided				We don't have any franchise
Investments	Not relevant, explanation provided				We didn't made any investments during the reporting year
Other (upstream)	Relevant, calculated	17.71		0.00%	This category includes water supply related and business travel related accommodation emissions
Other (downstream)	Not relevant, explanation provided				No other item to report

CC14.2

Please indicate the verification/assurance status that applies to your reported Scope 3 emissions

No third party verification or assurance

CC14.2a

Please provide further details of the verification/assurance undertaken, and attach the relevant statements

Verification or assurance cycle in place	Status in the current reporting year	Type of verification or assurance	Attach the statement	Page/Section reference	Relevant standard	Proportion of reported Scope 3 emissions verified (%)

CC14.3

Are you able to compare your Scope 3 emissions for the reporting year with those for the previous year for any sources?

No, this is our first year of estimation

CC14.3a

Please identify the reasons for any change in your Scope 3 emissions and for each of them specify how your emissions compare to the previous year

Sources of Scope 3 emissions	Reason for change	Emissions value (percentage)	Direction of change	Comment

CC14.4

Do you engage with any of the elements of your value chain on GHG emissions and climate change strategies? (Tick all that apply)

No, we do not engage

CC14.4a

Please give details of methods of engagement, your strategy for prioritizing engagement and measures of success

CC14.4b

To give a sense of scale of this engagement, please give the number of suppliers with whom you are engaging and the proportion of your total spend that they represent

Number of suppliers	% of total spend (direct and indirect)	Comment

CC14.4c

If you have data on your suppliers' GHG emissions and climate change strategies, please explain how you make use of that data

How you make use of the data	Please give details

CC14.4d

Please explain why you do not engage with any elements of your value chain on GHG emissions and climate change strategies, and any plans you have to develop an engagement strategy in the future

Since this is our first year we did not yet engaged with any of our stakeholders but we plan to do so at a later stage.

Further Information**Module: Sign Off****Page: CC15. Sign Off**

CC15.1

Please provide the following information for the person that has signed off (approved) your CDP climate change response

Name	Job title	Corresponding job category
BAHATTIN SEKKIN	Deputy General Director	Board/Executive board

Further Information**CDP**