Module: Introduction

Page: Introduction

CC0.1

Introduction
Please give a general description and introduction to your organization.

Cellnex Telecom is the leading European operator in wireless telecommunications infrastructure operator, with more than 21,000 sites located in Italy, Spain, France, the Netherlands and the UK and providing services through its customers to more than 200 million people. The business model is based on the provision and sharing of telecommunications assets with service operators, acting as an independent and neutral infrastructure provider for telecommunications operators.

Cellnex Telecom is the result of the spin-off of the telecommunications business of Abertis through its flotation on the stock market, which took place in May 2015. Cellnex Telecom was founded with the aim of becoming Europe's leader in telecommunications infrastructure, and creating value for shareholders, customers, employees and other stakeholders through innovative, efficient, independent and quality management.

Cellnex Telecom offers to its customers the space they require in these sites in order to install and maintain their own communications network equipment and transmit data and voice wirelessly. At the same time, the company provides highly advanced audiovisual services to broadcasters at local, regional and national level.

Cellnex Telecom also develops solutions in the field of "smart city" projects that optimise services to the citizen via networks and services that facilitate municipal management. In this area, Cellnex Telecom is deploying a network of intelligent communications that permits a connection between objects, giving rise to a solid ecosystem for the Internet of Things (IoT) in Spain.

Cellnex Telecom also plays a relevant role in the deployment of safety and emergency networks for the security forces, known as PPDRs (Public Protection And Disaster Relief). This line of activity summarises both the degree of expertise the company's team of professionals and the ruggedness and reliability of the architecture of its networks and equipment.

Cellnex Telecom's key objective is to generate sustained value in the short, medium and long term, through responsible management of the business, based in ethical principles, respect for people and the environment and the incorporation of the interests and expectations of the company's stakeholders

In that sense, Cellnex Telecom received the award for best Spanish newcomer 2016 in the Climate Leadership Awards organised by the CDP.

There have been some organizational changes with respect to last year's report, that include the following:

In the second quarter of 2016 Cellnex Group acquired the 100% of Protelindo Netherlands, B.V. from the Indonesian group PT Sarana Menara Nusanta. In addition, Cellnex Italia, S.r.l. closed the acquisition of the Italian company CommsCon. In the third quarter of 2016, Cellnex Group acquired 230 telecommunication towers from Bouygues Telecom (France) as well as the 100% of Shere Group from the Arcus Infrastructure Partners infrastructure fund, incorporating 464 mobile sites in the Netherlands and 540 in the UK. Finally, in December Cellnex Group acquired 270 new telecommunication towers in France, closing the second phase of the agreement with Bouygues Telecom.

In terms of the calculation of the carbon footprint of Cellnex Telecom, in 2016 it has been included e the activity of:
- The subsidiaries Cellnex Group's companies in Spain. As last year, the following companies are included in the scope: Retevisión, Tradia, OnTower and Cellnex Corporate Centres.
-Cellnex Italia. Out of the four companies, Galata is the only company included in the scope of this report

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
Fri 01 Jan 2016 - Sat 31 Dec 2016
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
Spain
Italy

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.

EUR(€)

CC0.6

Modules

As part of the request for information on behalf of investors, companies in the electric utility sector, companies in the automobile and auto component manufacturing sector, companies in the oil and gas sector, companies in the information and communications technology sector (ICT) and companies in the food, beverage and tobacco sector (FBT) should complete supplementary questions in addition to the core questionnaire.
If you are in these sector groupings, the corresponding sector modules will not appear among the options of question CC0.6 but will automatically appear in the ORS 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 in CC0.6.

Further Information

As last year, in the 2016 CDP disclosure Cellnex Telecom detailed and analysed the evolution of its carbon footprint following the ISO14064: 2012 and The GHG Protocol. As established by these international guidelines, we recalculated the base year and the following years in order to account for the significant changes in the organizational and operational boundaries. As the first year of legal existence of Cellnex Telecom was 2015, when its flotation took place, and in order to be consistent with the management autonomy of the Group, the base year has been changed from last year's report to 2015. This implies that this report will disclose emission information data for the years 2015 and 2016. The calculation of the carbon footprint of Cellnex Telecom in 2016 includes the activity of The subsidiaries Cellnex Group's companies in Spain (as last year, the companies Retevisión, Tradia, OnTower and Cellnex Telecom Corporate Centres are included in the scope) and the Cellnex Italia (out of the four companies, Galata is the only company included in the scope of this report).

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

The person with the highest level of responsibility in this regard is the Director of Corporate and Public Affairs, who is appointed by the CEO and reports back to Appointments and Remuneration Committee.

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
Environment/Sustainability managers	Monetary reward	Energy reduction project	This incentive is granted for the establishment of environmental improvement plans for facilities, which include energy efficiency measures.

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
Annually	Board or individual/sub-set of the Board or committee appointed by the Board	Spain	> 6 years	Relevant risks are incorporated in the company-wide risk assessment monitoring.

CC2.1b

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

The Cellnex Telecom risk-management model is formalized in a risk-management policy approved and overseen by the Audit and Control Committee. Relevant environmental and Climate Change risks are incorporated in the company-wide risk assessment monitoring. Cellnex Telecom has therefore used a risk-assessment matrix to identify the main R&O with effects both at the Company and at the asset level, classified into three main types: regulatory, physical and other types. The risk-management model sets out the methodology for identifying, assessing and monitoring the risks as follows:
-Identification: Identifying risks that may prevent Cellnex Telecom from attaining its strategic objectives.
-Analysis: Determining possible positive and/or negative impacts of such events materialising and the likelihood of their occurring.
-Assessing and developing risk action plans: Using the corporate risk map drawn up, the governing bodies of Cellnex Telecom will prioritise the treatment of risks based on strategic criteria of risk appetite and risk tolerance levels. Likewise, they will analyse the options available for responding to threats (either minimising the negative impact or maximising potential growth of opportunities).
-Monitor and review: Monitoring and updating the results of the risk management system by ensuring that the risks are identified and that the chosen risk treatment approach is the most efficient.
Each part of the Group is responsible for identifying, assessing and monitoring the inherent and residual risks, as well as overseeing and implementing control measures to mitigate any adverse impacts from those risks.
The R&O identification at the organizational level includes aspects such as regulation and opportunities for developing new products, which have an effect on the entire group; the identification at the asset level takes into account physical risks that can affect the communications network equipment or facilities.

CC2.1c

How do you prioritize the risks and opportunities identified?

For the R&O identified in the process described in question CC2.1b, each person is responsible for assessing the potential impact of the risks and opportunities identified in the process described in question CC2.1b at both asset and organisational level, that are relevant to its area of work, taking into account the probability of the risk and opportunity occurring, the timeframe, the potential magnitude of the impact, the implications for the organisation and finally the action potential of Cellnex Telecom regarding each of the R&O. The combination of all of these aspects leads to the assignment of a level of importance to allow risks to be prioritised, response plans to be devised and the importance of each risk to be properly overseen.
The risk map is considered and approved by the Steering Committee and periodically monitored by the Audit and Control Committee, which keeps track of the most common main risks and informs the Board of Directors.

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

i) Due to its impact on our business, Climate change has influenced our strategy in several ways:
a) Cellnex Telecom has an environmental policy based on respect for the environment through the efficient use of resources and promoting preventive action, which has a direct link to climate change. This policy involves taking measures to prevent pollution and reduce the environmental impact of the Company's activities and facilities. Linked to this, Cellnex Telecom has defined a target to reduce scope 2 emissions by 2020 through energy efficiency measures such as Free cooling. This target is described in the relevant section CC3.1a.
b) A Corporate Responsibility Plan has been defined for the period 2016-2020, and one of its pillars is the Sustainable development of the business, which has as main action lines to ensure that the whole company has the same level of environmental responsibility, to take a stance on the analysis of the effects of EMR on health and to increase environmental awareness among stakeholders.
c) Cellnex Telecom has a procedure for identifying and assessing environmental risks related to the Company's business and its environmental impacts including those related to Climate change.
Environmental managers are responsible for collecting climate change information and reporting to the CSR department. Climate change information includes information such as energy primary data, waste disposal, the group's carbon footprint, etc. All this information is reported to the Board of Directors.
ii) An example given of how the business strategy has been influenced: once a climate change-related risk is incorporated, a monitoring system is established, and plans are devised to manage and mitigate the impacts. The following management and efficiency plans are implemented according to the type of impact: Monitoring of energy consumption and carbon footprint, Energy efficiency management and Biodiversity management.
Other examples include: the implementation of energy efficiency projects, the development and implementation of a software application to calculate the Group's carbon footprint, the increase in the consumption of certified green energy consumed in business offices and operational centres, among others.
iii) Aspects of climate change that have influenced the strategy are regulatory changes associated with limits on CO2e emissions, need for adaptation since Cellnex Telecom could be affected by extreme temperatures and weather events or opportunities to develop green business, among others.
Generally, risks associated with climate change are incorporated in the company-wide risk analysis, which defines risk according to four typologies (Strategic, Financial, Operational and Compliance). Of these, climate change risks and opportunities are relevant in:
Strategic R&O: through regulatory compliance and cost control associated R&O.

Operational R&O: through interaction with the environment, infrastructure, dependence on suppliers and potential interruption of business associated R&O.
Compliance R&O: through information and legal compliance associated R&O.
iv)The establishment of the Environmental management System, which includes the management of emissions, the definition of the Corporate responsibility plan 2016-2020, explained in section i) and the implementation of the First Experience of Free Cooling energy efficiency in Italy are clear examples of the influence climate change is having in the corporate strategy. In relation to this, Cellnex Telecom aims at continuing with the establishment of annual targets to minimise the carbon footprint, such as the scope 1, 2 and 3 emission reduction targets defined in CC3.1a.
v)With the definition of the Master Plan Cellnex Telecom establishes a long-term vision, with commitments in accordance with internationally recognised standards that place it on the same level as the major infrastructure companies operating in Europe. Cellnex Telecom participates in several R+D+i projects, which may develop into new business opportunities that enable the mitigation of climate change while strengthening connectivity. This search for new business options and products that may arise from technologies that allow for climate change management is part of the incorporation of climate change in the long run. Some of the key future actions to be developed by Cellnex Telecom are to design and develop a pilot project on voluntary compensation of CO2 emissions caused by a particular activity of the Company as well as implementing a plan to protect the environment and biodiversity applicable in natural spaces in which Cellnex Telecom operates.
vi) Climate change management and the active participation in innovation platforms such as Smart Cities and the Internet of Things gains us strategic advantage through the early incorporation to new development and business opportunities. Moreover, a good GHG emissions performance strengthens our position as a supplier, widening therefore our range of clients
vii) Influenced by the climate change operational risks (through interaction with the environment, infrastructure, dependence on suppliers and potential interruption of business associated risks), risks associated with consumer behaviour change and opportunities to develop green business, one of the most substantial business decision made during the reporting year has been the definition of a Corporate Responsibility Plan for the period 2016-2020, from which one of the pillars of the plan is the Sustainable development of the business, which has a direct link to climate change. Some of the goals defined in the Plan as part of the Sustainable Business Development pillar are promoting energy efficiency and increasing the use of renewable energy, among others. In addition, another substantial business decision has been the creation of Cellnex Telecom's Innovation and Product Strategy Department, influenced by the physical R&O. The Department has established an R&D+i management model based on two types, technological surveillance and R&D+i activities.
viii) Cellnex Telecom is very aware of the importance of taking action against climate and has been taking action for several years, not only since it was created in 2015 but also when it was part of the company Abertis. The Paris Agreement has reaffirmed this importance and Cellnex Telecom has defined the Corporate Responsibility Plan for the period 2016-2020 and has kept pursuing efforts in order to reduce greenhouse gas emissions to limit the temperature increase. Included in the mentioned plan are actions such as increasing the use of renewable energy, implementing a Zero Waste culture and progressively reducing Cellnex Telecom's carbon footprint.
ix) We are in the process of developing a deep work regarding the R&O derived from climate change and therefore we have not yet used forward-looking scenario analyses to inform our organization's business, strategy, and/or financial planning.

CC2.2b

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

CC2.2c

Does your company use an internal price on carbon?

No, and we currently don't anticipate doing so in the next 2 years

CC2.2d

Please provide details and examples of how your company uses an internal price on 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
Funding research organizations

CC2.3a

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

Focus of legislation	Corporate Position	Details of engagement	Proposed legislative solution
Energy efficiency	Support	Cellnex Telecom strives to create innovative IT solutions that drive the cities' development; this is done through research in new technologic applications in management and sustainable urban mobility. We have an agreement with the Barcelona City Council, in order to test how to set up a more efficient city management system model; and at the same time, provide citizens public services that improve their daily lives in	The agreement with the Barcelona City Council can lead to new legislative solutions aiming at reducing CO2 emissions in the management of cities. At the moment, Cellnex Telecom is collaborating with them in testing new solutions that would allow the city to generate less CO2 emissions in the daily. The agreement consists in the study of integrated electronic, computer and sensor-based tools for the intelligent management of the city that could lead to a decrease in urban CO2 emissions. We are collaborating with them through two projects: (1) i-City Project: The i-City project aims to develop an European test environment within the framework of 'Smart Cities', through the creation of Smart City 'pilot cities' in Barcelona, London, Geneva and Bologna, to test applications and services of clear interest for citizens and public authorities. Cellnex Telecom is an iCity Project IT Partner with the category of IT

Focus of legislation	Corporate Position	Details of engagement	Proposed legislative solution
		the urban environment.	special interest group. http://www.icityproject.eu/ (2) SmartBrain Platform : SmartBrain platform is designed in order to cover the needs in the cities, allowing the homogenization of the data collected from different sensor networks or other platforms, enabling simultaneous use by different potential users (citizens, public services, providers or developers). Another important aspect of SmartBrain is the isolation of the infrastructure from software developments. http://www.smartcityexpo.com/exhibition/smartcityplaza/abertis
Other: Citizen Council for Sustainability of Barcelona	Support	Cellnex Telecom is a member of the Citizen Council for Sustainability of Barcelona, which is a consultative and participation city body acting in sustainability-related areas. It is the promoter of the Citizen Commitment for Sustainability 2012-2022, and its road map for moving towards a more sustainable city. Some of its objectives include the sustainable use of resources and the development of an efficient, productive city of Barcelona with 0 emissions. The Council seeks to represent the different groups and sectors involved in achieving the objectives of the Citizen Commitment for Sustainability and, at the same time, it promotes new strategies for engagement, co-responsibility and participation of citizens' organizations. More than 800 organizations, including companies, educational centres, institutions and universities, have agreed to this Citizen Commitment for Sustainability and belong to a network for the sustainability that cooperate and exchange information as well as share results regarding the several objectives of the commitment.	Cellnex Telecom is a member of the Citizen Council for Sustainability of Barcelona and supports the Citizen Commitment for Sustainability 2012-2022. One of its objectives is the development of an efficient, productive city of Barcelona with 0 emissions, which requires the infrastructure of Smart cities and the Internet of Things (IoT), services provided by Cellnex Telecom.

CC2.3b

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

Yes

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?
AMETIC (Association of Electronics, Information and Communications Technologies, Telecommunications and Digital Content Companies)	Consistent	AMETIC champions the interests of Spanish businesses in a hyper-sector of Electronics, Communications, IT, Telecommunications, Digital Content and Services. Through the study and analysis of issues of common interest, AMETIC generates and defines proposals and solutions favouring the development of the member companies and the Sector as a whole, and the supply and demand of Electronics, ICTs and Digital Content in Spain. The work of its representative bodies and its studies make it possible to present the member companies' demands and issues of interest at different Administrative levels, including the public administration (Autonomous Communities, Ministry of Spain, among others) and it also determines the most efficient action required to achieve the goals proposed. AMETIC is structured into Priority areas of action, which are of common interest for all the business involved. One of these areas is Competitiveness, which focuses on the regulatory and economic environment, analysing the requirements, needs and other aspects of the companies regarding environmental issues, among others. The Commission of Environment and Sustainability is included in this priority area.	In 2016 Cellnex Telecom was part of the Commission of Environment and Sustainability of AMETIC, monitoring the evolution of policies and regulations regarding environmental issues at the international and national level. It also monitors the effort of AMETIC's members in the achievement of established goals regarding carbon footprint and energy efficiency.

CC2.3d

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

No

CC2.3e

Please provide details of the other engagement activities that you undertake

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?

Our climate change strategy is subjected to our code of ethics, which explicitly states its commitment to protecting the environment. Our priorities are to reduce our carbon footprint by implementing carbon emission targets and increase low carbon services through innovation. The Risk and Opportunity assessment of different projects undertaken by Cellnex Telecom ensures that they meet the quality and standards the company requires prior to its involvement, including its coherence with the internal Code of Ethics. The Cellnex Group's Ethics and Compliance Committee was established in 2016 and this Committee represents the highest body that guarantees compliance with the Code of Ethics and the Corruption Prevention Procedure of the Cellnex Group and the internal rules that enact them. In addition to its executive role, this Committee is the advisory and management body for all issues relating to ethical rules and compliance of the Cellnex Group.
All of the direct and indirect activities that influence policy are consistent with our overall climate change strategy as they are in line with the goals defined in the Sustainable Business Development pillar of the Corporate Responsibility Plan (2016-2020), approved by the Board of Directors. For example, the engagement with the Barcelona City Council to test how to set up a more efficient city management system model is in line with Cellnex Telecom's goal of promoting energy efficiency, goal defined in the Plan as part of the Sustainable Business Development pillar.

CC2.3g

Please explain why you do not engage with policy makers

Further Information

In 2016, Cellnex Telecom has continued investing in technological innovation and research and development, taking part in various R&D+i projects both in Spain and internationally. The R&D+i projects during the year have focused primarily on Smart Cities and IoT, security and emergency networks and broadcasting. Examples of these projects are POLARYS, V2X-ARCH, SOLARE2RF, Grow smarter, TV-ring and Acom. In the current global context, characterised by rapid innovation and a global social reality closely bound up with the digital world and communication technologies, this investment reflects Cellnex Telecom's drive for innovation. Fundamentally, the commitment originates from the Company's mission to create value for society, customers and shareholders, through innovative, efficient, neutral and quality management in service provision and delivery of technological solutions. The above mentioned European H2020 Grow smarter project, which involves the cities of Stockholm, Cologne and Barcelona, aims to pave the way for cities in the field of mobility and energy efficiency. Cellnex Telecom is taking on the role of reference technological partner in the field of IT and telecommunications. The 39-member consortium has a budget of 33 million euros with an estimated 25 million euros in aid from the Commission. Cellnex Telecom is currently in the process of developing a deep work regarding the R&O derived from climate change that can affect the Group.

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?

Absolute 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
Abs1	Scope 1	84.15%	1%	2015	2167.66	2016	No, but we anticipate setting one in the next 2 years	This target was set in order to achieve savings in emissions associated with fuel consumption from vehicle transport (own fleet). In order to do so, Cellnex Telecom has carried out training courses for the employers regarding 4x4 driving.

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
Abs2	Scope 2 (market-based)	100%	30%	2015	51458.34	2020	No, but we anticipate setting one in the next 2 years	This medium term target aims at reducing 30% of our scope 2 emissions by 2020 compared to 2015, which are associated with our electricity consumption. The target aims at reducing the Group's electricity consumption through the implementation of several energy efficiency measures, such as: the acquisition of higher efficient UPS (Uninterruptible power supply); the substitution of separator transformers by electrical protections; the management of the energy consumption related to cooling machines (tracking information about weather conditions affecting the sites) in order to be alerted in the event of over-consumption or over-cooling; and the development of a free cooling system that exploits natural refrigeration and maximises the advantages provided by climatic conditions (to reduce the energy consumption of air conditioning), among other initiatives.
Abs3	Scope 3: Waste generated in operations	100%	70%	2015	227.05	2016	No, but we anticipate setting one in the next 2 years	This target is under the environmental management framework and aims at revalorizing the waste generated in our operations. The lower emission factor of revalorization treatments (as opposed to landfills or incineration) leads to an emissions reduction.

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

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
Abs1	100%	100%	This target was set for 2016 and, therefore, is now completed. The target was achieved successfully.
Abs2	20%	0%	This target was set for 2016 and, although several energy efficiency initiatives have been implemented, the total scope 2 emissions from electricity consumption have increased due to the incorporation in 2016 of several centres in Spain and the acquisition of the company Galata (Cellnex Italia).
Abs3	100%	100%	This target was set for 2016 and, therefore, is now completed. The target was achieved successfully, exceeding the target and achieving a reduction of 71.86%.

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	Smart Cities. As a result of the priority for the sustainable development of cities, Cellnex Telecom has developed innovative technological solutions around the concept of Smart Cities that specifically aim at allowing cities to make more efficient use of resources so as to improve the quality of life of citizens and reduce their environmental footprint, thanks to information and communication technologies (ICT).	Low carbon product	Other: Projected emissions over scenario without the product	0.32%	Less than or equal to 10%	An example is the irrigation management system in cities, which combine data from satellites with those from terrestrial sensors, enable savings of between 15 and 20% and a reduction in water consumption of up to 35%.
Group of products	Infrastructure sharing/co-location (compartición de estructuras). Cellnex Telecom facilitates the sharing between the major telephone operators, which allows for the maximum and efficient use of the installed network capacity, minimising redundancy and duplication. Thus, this model is characterized by its reduced impact and presence in the urban fabric, and therefore improves efficient use of resources such as energy, which in turn reduces the carbon footprint.	Avoided emissions	Other: Projected emissions over scenario without the product	49.2%		

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)

Yes

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 *)
Under investigation	0	0
To be implemented*	4	860.28
Implementation commenced*	1	91.8
Implemented*	7	2255.62
Not to be implemented	0	0

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
Waste recovery	This initiative aims at treating	163.15	Scope 3	Voluntary	0	0	<1 year	<1 year	

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
	waste through revalorization, which has a lower emission factor than other treatments such as incineration or landfill. This voluntary activity is linked to the absolute target Abs3 that aims to reduce emissions from waste generation regarding the subsidiaries Cellnex Group's companies in Spain.								
Low carbon energy installation	The subsidiaries Cellnex Group's companies in Spain have photovoltaic generation facilities and small-scale wind turbines on its sites, which serve for self-consumption purposes and which allows for Scope 2 emissions reductions. In 2016, 67910.5 kWh were generated from these facilities.	25.81	Scope 2 (market-based)	Voluntary	7470	0	<1 year	<1 year	The estimated annual CO2e savings have been calculated using the emission factor of Endesa SA.
Energy efficiency: Processes	Cellnex Group has implemented process improvements in order to achieve energy savings both in Spain and Italy. In Spain, three energy efficiency projects have been launched, which avoided the consumption of 5,083,256 KWh in 2016, with regard to consumption figures for 2015. Some examples of outstanding projects were the Arganda	2047.43	Scope 2 (location-based)	Voluntary	410000	2891000	1-3 years	6-10 years	

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
	Centre, where various energy efficiency measures were applied, promoting the use of free cooling throughout the facility as a means of primary air conditioning, adjusting the air conditioning equipment according to current thermal needs and renewing obsolete machinery. In Italy, the Free Cooling energy efficiency project involved the installation of a cooling device in locations to help reduce the use of cooling equipment during favourable weather conditions, also allowing for a reduction of emissions. These voluntary projects are linked to the absolute target Abs2 that aims to reduce emissions from scope 2, regarding Cellnex Telecom's electricity consumption.								
Transportation: fleet	Cellnex Telecom has implemented measures to reduce emissions associated to trips made by workers, which include training courses for the employers regarding 4x4 driving. This voluntary activity is linked to the absolute target Abs1 that aims to reduce emissions from scope 1,	19.23	Scope 1	Voluntary	7303	19910	1-3 years	6-10 years	

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
	specifically from fuel consumption of our own fleet.								

CC3.3c

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

Method	Comment
Employee engagement	Cellnex Telecom continuously develops a number of environmental training and awareness-raising practices through the organization's virtual campus and other internal publications, which help to reduce emissions reductions. Worthy of note was the development of a specific application linked to the accounting of CO2e emissions, which is available on the corporate Intranet and which enables workers to assure emissions associated with good and bad practices.

CC3.3d

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

Further Information

The emission values in this report may differ from the values published in the integrated annual report. This is because the publication of the integrated annual report took place before the carbon footprint verification, where some of the values were modified slightly. This explains the small differences between the values in the two reports.

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
In mainstream reports (including an integrated report) in accordance with the CDSB Framework	Complete	Page 71 to 75	https://www.cdp.net/sites/2017/19/58619/Climate Change 2017/Shared Documents/Attachments/CC4.1/Integrated Anual Report 2016.pdf	Integrated Annual Report

Further Information

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
Risks driven by changes in other climate-related developments

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
General environmental regulations, including planning	This risk is associated with Cellnex Telecom 's compliance with two regulations: the EU regulation 517/2014 of the European Parliament and of the council of 16 April 2014 on fluorinated greenhouse gases, which envisages that by 2030 it will cut the EU's F-gas emissions by two-thirds compared with 2014 levels; and the new regulation established in the Spanish Royal Decree RD 115/2017 from 17th February, derived from the European regulation, which regulates the commercialization	Increased operational cost	1 to 3 years	Direct	Very likely	Medium-high	The noncompliance by Cellnex Telecom with some of these obligations will imply economic sanctions, which differ according to the severity of the obligation that has not been complied. These sanctions are defined in the Spanish law 34/2007, from 15th November, of the air quality and the protection of the atmosphere, and are classified as very severe, severe and minor. These 3 types of sanctions range from <20.000 to 2	Cellnex Telecom is already implementing several measures in order to manage this risk: 1-On the one hand, it has implemented efficiency plans both in Spain and Italy in order to reduce emissions from refrigerant gases, which include several pilot projects related to free cooling and refrigeration, among others. For example, the Free Cooling energy efficiency project involved the installation of	The total annual costs corresponding to the actions described, including the plan to verify the compliance of the legal requirements and both free cooling efficiency projects in Italy and Spain (average timeframe of 5 years), are estimated to be between 485000 and 1,17 Million EUR.

Risk driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
	and manipulation of fluorinated gases and the equipments based on these, as well as the technical requirements for the installations that emit fluorinated gases. The noncompliance by Cellnex Telecom with some of these obligations will imply economic sanctions						Million EUR.	a cooling device in locations to help reduce the use of cooling equipment during favourable weather conditions and allowing for a reduction of emissions. 2- On the other hand, Cellnex Telecom has defined a plan to verify the compliance of the legal requirements of the Decree, through: a) Internal audits; b) Development of a tool for the maintenance normative management; c) Establishment of a regularization plan and the increase of the economic resources related to the certification of	

Risk driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
								staff working on the maintenance of the equipment that uses fluorinated gases, as well as with the compliance of the equipment's revision periods. Finally, Cellnex Telecom is also working on integrating the criteria to buy refrigeration equipment with gases that have a lower global warming potential.	

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

Risk driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
Uncertainty of physical risks	This risk is associated with the uncertainty of extreme meteorological phenomena and changes in the physical parameters that can affect Cellnex Telecom's services. On the one hand, the installations in Spain are not affected by important droughts or floods, but extreme temperatures can have an effect. The increase in temperature would represent an increase in the electricity consumption of the refrigeration systems, which would affect the operational conditions. In addition, it would represent an increase in the consumption of refrigerant gases, which would need to comply with the EU	Increased operational cost	3 to 6 years	Direct	Very likely	Medium	The overheating and consequential malfunctioning of the equipment could lead to an interruption of the signal transmission, which could imply economic sanctions established in the contracts with the clients. In addition, the noncompliance by Cellnex Telecom with some of the obligations stated in the Spanish Royal Decree RD 115/2017 will imply economic sanctions, which differ according to the severity of the obligation that has not been complied. These sanctions are defined in the Spanish law 34/2007, from 15th November, of the air quality and the protection	Cellnex Telecom is already managing this risk through several actions: 1- The implementation of projects related to weather information tracking. One example is the ENERTIKA Project, which focus on the management of energy consumption of Cellnex Telecom's communication centres and towers, by placing temperature sensors in the centres and track detailed weather, temperature and other information regarding the levels of consumption of every tower. Another example is the R&D+i SOLARE2RF Project-Powering and efficient cooling of	The annual management costs of the implementation of the projects described, including the Free Cooling Projects (average timeframe of 5 years), the ENERTIKA Project, the R&D+i SOLARE2RF Project as well as the other R&D+i projects are estimated between 440000 and 480000 EUR.

Risk driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
	regulation 517/2014 and the new Spanish maintenance and certification regulation established in the Royal Decree RD 115/2017, from 17th February. This new regulation regulates the commercialization and manipulation of fluorinated gases and the equipment based on these, as well as the technical requirements for the installations that emit fluorinated gases. The noncompliance by Cellnex Telecom with some of these obligations will imply economic sanctions.						of the atmosphere, and are classified as very severe, severe and minor. These 3 types of sanctions range from <20.000 to 2 Million EUR.	radiofrequency sites. The project focuses, among others, on: the provision of security of supply at the lowest environmental impact through an hybrid power generation system combining solar photovoltaic power, backup generator set and power storage; the study of the optimization of air flows for a more efficient cooling; the optimization of the use of cooling systems to minimize energy consumption while keeping the technical requirements through a cooling manager (based on weather forecasting and expected energy consumption for the site). 2- The implementation of refrigeration pilot	

Risk driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
								projects such as the Free Cooling projects in Italy and Spain. The Free Cooling energy efficiency project involved the installation of a cooling device in locations to help reduce the use of cooling equipment during favourable weather conditions and allowing for a reduction of emissions.	

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
Other drivers	This risk is associated with our clients' change of	Reduced demand for goods/services	>6 years	Indirect (Client)	Unlikely	Medium	The financial implications are associated to these potential	Cellnex Telecom conducts several measures to make sure its activities are	The total annual costs associated with the actions and measures

Risk driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
	behaviour and Cellnex Telecom's failure to provide them information about their environmental impact, carbon footprint, among other related issues. Our clients pay more and more attention to their consumption and environmental impact, which could lead them to demand higher energy efficiency from Cellnex Telecom so they could reduce costs and consumption as well as demand more information about its carbon footprint. If Cellnex Telecom does not fulfil this and does not provide						economic penalizations by our clients in case Cellnex Telecom failed to provide them with the information they demanded, as well as the financial implications derived from not participating in the CDP questionnaire and report the required information. The financial implications associated are estimated to be between 13000 and 2 Million EUR..	sustainable and respect the environment and to inform its clients about its actions towards the preservation of the environment and its commitment to the fight against climate change. Examples of these measures are: 1- Publication of the Integrated Annual Report (GRI standards); 2- Calculation and publication of our carbon footprint; 3- Implementation of the online tool Clean CO2, a software application that allows the calculation of the carbon footprint and the offset of emissions of the Groups' companies and also of the services it offers. Clean CO2 gives the client company the capability to offset GHG emissions and obtain a document certifying that the service offered to the customer is neutral in	described, including the publication of the Integrated Annual Report, the calculation and publication of our carbon footprint, the implementation of the online tool Clean CO2, the annual reporting in sustainability indexes and the participation in R&D+i projects such as the GROWSMARTER Project, are estimated to be around 820000 EUR.

Risk driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
	the requirements requested by our clients regarding, for example, information about their carbon footprint, low carbon and eco-friendly products and services, this could potentially lead to economic penalizations by our clients.							terms of GHG emissions. 4- Annual reporting Cellnex Telecom 's environmental performance in sustainability indexes and international organisations, including Carbon Disclosure Project, Dow Jones Sustainability Index, UN Global Compact, FTSE Russell. 5- Participation in the I+D+i GROWSMARTER Project (2015- 2019), where Cellnex Telecom assumes the role of benchmark partner in the ICT field, contributing on the design and implementation of the telecommunications infrastructure in the City of Barcelona needed to carry out the measures, pilots and demonstrations in the field of Energy Efficiency and Sustainable Urban Mobility.	

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 changes in 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

Further Information

Cellnex Telecom is currently in the process of developing a deep work regarding the R&O derived from climate change that can affect the Group.

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
Opportunities driven by changes in physical climate parameters
Opportunities driven by changes in other climate-related developments

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
Other regulatory drivers	This opportunity is associated with the Spanish Royal Decree 55/2016, from the 12th February, which is a transposition from the Directive 2012/27/UE of the European Parliament and the Council, from the 25th October. The aim of this Royal Decree is to promote energy efficiency and	Reduced operational costs	3 to 6 years	Direct	Likely	Medium-high	The financial implications are associated to the potential economic savings from the carrying out of these energy audits, which would imply savings in the electricity consumption of the Group. Taking into account energy audits previously carried out in some centres of the subsidiaries Cellnex Group's companies in	Cellnex Telecom is already carrying out activities to maximize the potential realization of this opportunity, such as the implementation of actions derived from previous energy audits. These include renewing obsolete and less efficient machinery as well as implementing free cooling projects in Spain and Italy, among others. Cellnex Telecom is also planning to	The total cost of implementing all the described actions are estimated to be around 13 Million EUR

Opportunity driver	Description	Potential impact	Timeframe	Direct/Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
	optimize energy demand in installations, equipment or energy consuming systems and it implies the carrying out of energy audits. This is seen as an opportunity for Cellnex Telecom as the carrying out of energy audits would imply energy savings for the Group and it would also be an incentive to invest in energy efficiency even more.						Spain, the potential annual energy savings per centre would be around 6% on average. This energy saving would allow Cellnex Telecom to potentially save around 2-3 million EUR annually.	undertake several energy efficiency measures in the next years, included in the 2015-2020 target related to energy efficiency explained in question CC3.1a. These include the acquisition of higher efficient UPS (Uninterruptible power supply), the substitution of separator transformers by electrical protections, among others, which will allow for a reduction of electricity consumption.	

CC6.1b

Please describe your 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
Other physical climate opportunities	This opportunity is associated to changes in physical parameters such as temperature that could affect the communication centres leading to higher energy consumption or functioning problems resulting in the disturbance or interruption of the transmission signal. This is seen as an investment opportunity to develop new products and services for our clients that can track weather conditions information in order to be alerted in the event of over-consumption and thus be able to manage energy consumption. In addition to develop new monitoring technologies, it is also an opportunity to support research projects related to	Investment opportunities	1 to 3 years	Direct	Very unlikely	Medium	The financial implications are related to the estimated profit from the demand of these new products and services related to climate monitoring. This profit is estimated from the income of similar products developed in the previous year. Therefore, the estimated financial implications of this opportunity are around 2 Million EUR.	Cellnex Telecom already participates in several R&D+i projects such as the SOLARE2RF Project (powering and efficient cooling of radiofrequency sites) and ENERTIKA (management of energy consumption of Cellnex Telecom's communication centres and towers). Cellnex Telecom's commitment to R&D+i represents one of the main challenges for the Group in the current global context and to respond to these challenges in an effective and structured way, Cellnex Telecom formally set up its Innovation and Product Strategy Department in 2016. That decision reflects an	The total cost of implementing the described actions are estimated between 700000 and 9 Million EUR in a timeframe of 5 years.

Opportunity driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
	the transmission of signals.							awareness that innovation is a critical activity which commits areas to cross-cutting product and service creation processes. The Innovation and Product Strategy Department has established an R&D+i management model based on two types: 1- Technological surveillance, based on an evaluation of the current technological context to identify potential opportunities for the company. 2- R&D+i activities, consisting mainly of research, development and the creation of new solutions.	

CC6.1c

Please describe your 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
Other drivers	This opportunity is associated with the availability of the certification on environmental management ISO 14001. Some tenders where Cellnex Telecom could participate are starting to require the ISO 14001 in order to be able to participate. This is seen as an opportunity for Cellnex Telecom as the subsidiaries Cellnex Group's companies in Spain have the ISO 14001 and therefore it would be an advantage compared to other companies as Cellnex Telecom would be able to participate in all the tenders that have this requirement. It is also an opportunity for the expansion of	Reduced operational costs	Up to 1 year	Indirect (Supply chain)	Very likely	High	The availability of ISO 14001 in Spain gives an advantage over the competence regarding the possibility to participate and potentially win tenders. The financial implications are associated to the potential profit derived from winning these tenders where the subsidiaries Cellnex Group's companies in Spain could participate in. This profit is estimated based on the profit obtained in last year's tenders where Cellnex Telecom could participate and which required ISO 14001.	In order to manage this opportunity, Cellnex Telecom is planning to obtain and maintain the certification ISO 14001 in the other countries where it still has not been obtained. Cellnex Telecom has defined a plan in order to obtain the ISO 14001 in these other countries.	The costs associated with the actions described (obtainment and maintenance of ISO 14001 in other countries) are estimated to be around 120000 EUR during the period of implementation.

Opportunity driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
	Cellnex Telecom's activities to have the ISO 14001 available, which again would allow them to have an advantage compared to other companies as they would be able to participate in more tenders.								

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 changes in physical climate parameters that have the potential to generate a substantive change in your business operations, revenue or expenditure

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

Further Information

Cellnex Telecom is currently in the process of developing a deep work regarding the R&O derived from climate change that can affect the Group.

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	2575.89
Scope 2 (location-based)		
Scope 2 (market-based)	Thu 01 Jan 2015 - Thu 31 Dec 2015	51458.34

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

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 Fourth Assessment Report (AR4 - 100 year)
CH4	IPCC Fourth Assessment Report (AR4 - 100 year)
N2O	IPCC Fourth Assessment Report (AR4 - 100 year)
HFCs	IPCC Fourth Assessment Report (AR4 - 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

Further Information

Find attached an excel spreadsheet with the emission factors of CC7.4. The emission values in this report may differ from the values published in the integrated annual report. This is because the publication of the integrated annual report took place before the carbon footprint verification, where some of the values were modified slightly. This explains the small differences between the values in the two reports.

Attachments

https://www.cdp.net/sites/2017/19/58619/Climate Change 2017/Shared Documents/Attachments/ClimateChange2017/CC7.EmissionsMethodology/EMISSION FACTORS_Cellnex.xlsx

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

2575.89

CC8.3

Please describe your approach to reporting Scope 2 emissions

Scope 2, location-based	Scope 2, market-based	Comment
We are not reporting a Scope 2, location-based figure	We are reporting a Scope 2, market-based figure	

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
	51458.34	

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
Emissions from fugitive refrigerating gases	Emissions are relevant but not yet calculated	No emissions excluded	No emissions excluded	Cellnex Telecom did not have a solid register of the recharges of refrigerating gases, which is why this source could not be included. However it is expected that in future years it will be calculated.

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	Less than or equal to 2%	No Sources of Uncertainty	All data used for calculating scope 1 emissions is reliable because it comes from the bills of supplier companies. Therefore, we know the exact consumption of gasoline, diesel and natural gas of our vehicle fleet, our central heating system and the diesel generators.

Scope	Uncertainty range	Main sources of uncertainty	Please expand on the uncertainty in your data
Scope 2 (location-based)			
Scope 2 (market-based)	Less than or equal to 2%	Assumptions	Emissions are calculated according to the emission factor of the electrical company, therefore there are no sources of uncertainty, other than the fact than in some exceptional cases where the electrical supplier was unknown, it was assumed to be Endesa, which is the supplier of the majority of working centres.

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	Complete	Limited assurance	https://www.cdp.net/sites/2017/19/58619/Climate Change 2017/Shared Documents/Attachments/CC8.6a/SKM_C36817060209420_ENG.pdf	All document	ISO14064-3	100

CC8.6b

Please provide further details of the regulatory regime to which you are complying that specifies the use of Continuous Emission 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 (%)
Market-based	Annual process	Complete	Limited assurance	https://www.cdp.net/sites/2017/19/58619/Climate Change 2017/Shared Documents/Attachments/CC8.7a/SKM_C36817060209420_ENG.pdf	All document	ISO14064-3	100

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
Year on year change in emissions (Scope 1 and 2)	
Year on year change in emissions (Scope 3)	
Change in Scope 1 emissions against a base year (not target related)	
Change in Scope 2 emissions against a base year (not target related)	
Change in Scope 3 emissions against a base year (not target related)	

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

The emission values in this report may differ from the values published in the integrated annual report. This is because the publication of the integrated annual report took place before the carbon footprint verification, where some of the values were modified slightly. This explains the small differences between the values in the two reports. The first carbon footprint verification took place in the year 2016, where both carbon footprints, of 2015 and 2016, were verified.

Page: CC8. Emissions Data - (1 Jan 2016 - 31 Dec 2016)

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

3173.14

CC8.3

Please describe your approach to reporting Scope 2 emissions

Scope 2, location-based	Scope 2, market-based	Comment
We are reporting a Scope 2, location-based figure	We are reporting a Scope 2, market-based figure	We are reporting a market-based figure for scope 2 emissions of the subsidiaries Cellnex Group's companies in Spain. We are reporting a location-based figure for scope 2 emissions for Cellnex Italia.

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
68837	62956.73	We are reporting a market-based figure for scope 2 emissions of the subsidiaries Cellnex Group's companies in Spain. We are reporting a location-based figure for scope 2 emissions for Cellnex Italia.

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
Emissions from fugitive refrigerating gases	Emissions are relevant but not yet calculated	No emissions excluded	No emissions excluded	Cellnex Telecom did not have a solid register of the recharges of refrigerating gases, which is why this source could not be included. However it is expected that in future years it will be calculated.

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 5% but less than or equal to 10%	No Sources of Uncertainty	All data used for calculating scope 1 emissions is reliable because it comes from the bills of supplier companies. Therefore, we know the exact consumption of gasoline, diesel and natural gas of our vehicle fleet, our central heating system and the diesel generators.
Scope 2 (location-based)	More than 5% but less than or equal to 10%	Metering/ Measurement Constraints	Emissions derived from electricity consumption in Cellnex Italia have been calculated considering the emission factors from the International Energy Agency 2016. The uncertainty corresponds to the uncertainty of values in official reference sources, in this case the International Energy Agency, and the uncertainty of the activity data of Cellnex Telecom from invoices.
Scope 2 (market-based)	More than 5% but less than or equal to 10%	Assumptions	Emissions derived from electricity consumption in the subsidiaries Cellnex Group's companies in Spain have been calculated according to the emission factor of the electrical company, therefore there are no sources of uncertainty, other than the fact than in some exceptional cases where the electrical supplier was unknown, it was assumed to be Endesa, which is the supplier of the majority of working centres.

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	First year it has taken place	Limited assurance	https://www.cdp.net/sites/2017/19/58619/Climate Change 2017/Shared Documents/Attachments/CC8.6a/SKM_C36817060209420_ENG.pdf	All document	ISO14064-3	100

CC8.6b

Please provide further details of the regulatory regime to which you are complying that specifies the use of Continuous Emission 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 (%)
Market-based	Annual process	First year it has taken place	Limited assurance	https://www.cdp.net/sites/2017/19/58619/Climate Change 2017/Shared Documents/Attachments/CC8.7a/SKM_C36817060209420_ENG.pdf	All document	ISO14064-3	100

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
Year on year change in emissions (Scope 1 and 2)	
Year on year change in emissions (Scope 3)	
Change in Scope 1 emissions against a base year (not target related)	
Change in Scope 2 emissions against a base year (not target related)	
Change in Scope 3 emissions against a base year (not target related)	

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

The emission values in this report may differ from the values published in the integrated annual report. This is because the publication of the integrated annual report took place before the carbon footprint verification, where some of the values were slightly modified. This explains the small differences between the values in the two reports. The first carbon footprint verification took place in the year 2016, where both carbon footprints, of 2015 and 2016, were verified.

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 business division

CC9.2a

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

Business division	Scope 1 emissions (metric tonnes CO2e)

Business division	Scope 1 emissions (metric tonnes CO2e)
TRADIA	325.16
RETEVISION	2250.73
ONTOWER	0

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)

Further Information

The emission values in this report may differ from the values published in the integrated annual report. This is because the publication of the integrated annual report took place before the carbon footprint verification, where some of the values were slightly modified. This explains the small differences between the values in the two reports.

Page: CC9. Scope 1 Emissions Breakdown - (1 Jan 2016 - 31 Dec 2016)

CC9.1

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

Yes

CC9.1a

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

Country/Region	Scope 1 metric tonnes CO2e
Spain	2419.59
Italy	753.55

CC9.2

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

By business division

CC9.2a

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

Business division	Scope 1 emissions (metric tonnes CO2e)
TRADIA	236.68
RETEVISION	1942.35
ONTOWER	0
CELLNEX TELECOM CORPORATE CENTRES	240.56
GALATA	753.55

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)

Further Information

The emission values in this report may differ from the values published in the integrated annual report. This is because the publication of the integrated annual report took place before the carbon footprint verification, where some of the values were slightly modified. This explains the small differences between the values in the two reports.

Page: CC10. Scope 2 Emissions Breakdown - (1 Jan 2015 - 31 Dec 2015)

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 business division

CC10.2a

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

Business division	Scope 2, location-based (metric tonnes CO2e)	Scope 2, market-based (metric tonnes CO2e)
TRADIA		7041.44

Business division	Scope 2, location-based (metric tonnes CO2e)	Scope 2, market-based (metric tonnes CO2e)
RETEVISION		33177.70
ONTOWER		11239.2

CC10.2b

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

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

CC10.2c

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

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

Further Information

The emission values in this report may differ from the values published in the integrated annual report. This is because the publication of the integrated annual report took place before the carbon footprint verification, where some of the values were slightly modified. This explains the small differences between the values in the two reports.

Page: CC10. Scope 2 Emissions Breakdown - (1 Jan 2016 - 31 Dec 2016)

CC10.1

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

Yes

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)
Spain		62956.71	0	0
Italy	68837		0	0

CC10.2

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

By business division

CC10.2a

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

Business division	Scope 2, location-based (metric tonnes CO2e)	Scope 2, market-based (metric tonnes CO2e)
TRADIA		7628.57
RETEVISION		36377.83
ONTOWER		17291.20
CELLNEX TELECOM CORPORATE CENTRES		1659.13
GALATA	68837	

CC10.2b

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

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

CC10.2c

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

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

Further Information

The emission values in this report may differ from the values published in the integrated annual report. This is because the publication of the integrated annual report took place before the carbon footprint verification, where some of the values were slightly modified. This explains the small differences between the values in the two reports.

Page: CC11. Energy

CC11.1

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

More than 15% but less than or equal to 20%

CC11.2

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

Energy type	MWh
Heat	0
Steam	0
Cooling	0

CC11.3

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

12264

CC11.3a

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

Fuels	MWh
Diesel/Gas oil	12243.15
Motor gasoline	20.89
Natural gas	0

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	Emissions factor (in units of metric tonnes CO2e per MWh)	Comment
Off-grid energy consumption from an on-site installation or through a direct line to an off-site generator owned by another company	55.23	0	Electricity from photovoltaic panels in Cellnex Telecom installations.

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
373720.67	373665.44	67.91	67.91	55.23	

Further Information

The emission values in this report may differ from the values published in the integrated annual report. This is because the publication of the integrated annual report took place before the carbon footprint verification, where some of the values were slightly modified. This explains the small differences between the values in the two reports.

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?

Increased

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

Reason	Emissions value (percentage)	Direction of change	Please explain and include calculation
Emissions reduction activities	3.8	Decrease	The implementation of several emission reduction activities such as energy efficiency initiatives and training courses in 4x4 driving accounted for a decrease in scope 1+2 emissions. The calculation of the emissions value in % is consistent with the CDP guidance document (2066.66/54034.23*100=3.8).
Divestment			
Acquisitions			
Mergers			
Change in output			
Change in methodology			
Change in boundary	128.8	Increase	This year the Company Galata (Cellnex Italia) was included in the scope, which explains the big increase in emissions in scope1+2 compared to 2015. The calculation of the emissions value in % is consistent with the CDP guidance document (69590.55/54034.23*100=3.4).
Change in physical operating conditions			
Unidentified			
Other			

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?

Market-based

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
0.00014298	metric tonnes CO2e	457210810	Market-based	4.45	Increase	In 2016 Cellnex Telecom lived an organic growth due to the opening of 97 new operating centres in the subsidiaries Cellnex Group's companies in Spain and the inclusion in the scope of Galata (Cellnex Italia), which accounts for the increase in this indicator.

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
52.21750799	metric tonnes CO2e	full time equivalent (FTE) employee	1252	Market-based	59.65	Increase	In 2016 Cellnex Telecom lived an organic growth due to the opening of 97 new operating centres in the subsidiaries Cellnex Group's companies in Spain and the inclusion in the scope of Galata (Cellnex Italia), which accounts for the increase in this indicator.

Further Information

The emission values in this report may differ from the values published in the integrated annual report. This is because the publication of the integrated annual report took place before the carbon footprint verification, where some of the values were slightly modified. This explains the small differences between the values in the two reports.

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?

Yes

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 CO2e)	Number of credits (metric tonnes CO2e): Risk adjusted volume	Credits canceled	Purpose, e.g. compliance
Credit purchase	Energy efficiency: industry	Blumenthal 7 project, Utilisation of Coal-Mine-Methane in Germany.	VCS (Verified Carbon Standard)	2420	2420	Yes	Voluntary Offsetting

Further Information

Attachments

https://www.cdp.net/sites/2017/19/58619/Climate Change 2017/Shared Documents/Attachments/ClimateChange2017/CC13.EmissionsTrading/Sello Clean CO2 Cellnex _ENG.pdf

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	42.42	These emissions include the purchase of water and paper. Emissions associated to water consumption were calculated using the emission factor of water treatment per volume consumed. On the other hand, the use of paper was calculated through the data in kgs of virgin and recycled paper purchased and the emission factor of these materials. All emission factors are stated in the spreadsheet attached in question CC7.		
Capital goods	Not relevant, explanation provided				So far, Cellnex Telecom does not keep a register that enables it to calculate this source of Scope 3 emissions. However, improvements are being made in order to have the necessary information for these calculations.
Fuel-and-energy-related activities (not included in Scope 1 or 2)	Not relevant, explanation provided				It is considered that all relevant emissions regarding the use of fuels are already included in scopes 1 and 2.
Upstream transportation and distribution	Relevant, calculated	66.68	For these emissions, the means of transports, the kgs transported and the km travelled are considered. All emission factors are stated in the spreadsheet attached in question CC7.		
Waste generated in operations	Relevant, calculated	63.9	These emissions are calculated according to the kgs of waste generated and the emission factor associated to the treatment of that waste. All emission factors are stated in the spreadsheet attached in question CC7.		
Business travel	Relevant, calculated	709.74	The calculation of this category is done according to the kms travelled in plane and train and its emission factor. There was no reliable data for 2016, so the data was calculated using 2014 figures and adjusting them to		

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
			2016 FTE figures.		
Employee commuting	Not relevant, explanation provided				So far, Cellnex Telecom does not keep a register that enables it to calculate this source of Scope 3 emissions. However, improvements are being made in order to have the necessary information for these calculations.
Upstream leased assets	Not relevant, explanation provided				Cellnex Telecom has no upstream leased assets in the scope of this report.
Downstream transportation and distribution	Relevant, calculated	30.8	For these emissions, the means of transports, the kgs transported and the km travelled are considered. All emission factors are stated in the spreadsheet attached in question CC7		
Processing of sold products	Not relevant, explanation provided				Cellnex Telecom sells services, and the few physical products associated to it do not require treatment, which is why there are no emissions from this source.
Use of sold products	Not relevant, explanation provided				There are not direct emissions associated to the use of Cellnex Telecom's services.
End of life treatment of sold products	Not relevant, explanation provided				There are not direct emissions associated to the end of life of Cellnex Telecom's services.
Downstream leased assets	Relevant, calculated	36546.16	The emissions are calculated according to the electrical consumption of the centres leased. For these, there was the assumption that the centres run for 8760 hours and had an installed power of 1.5 kWh for Orange,		

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
			Vodafone, TSM and Yoigo and 0.5 kWh for the rest.		
Franchises	Not relevant, explanation provided				Cellnex Telecom has no franchises; therefore no emissions associated to this source.
Investments	Not relevant, explanation provided				No emissions from enterprises of which Cellnex Telecom is not the only shareholder were included in the scope of the calculation, therefore there are no emissions associated to this source.
Other (upstream)					
Other (downstream)	Not relevant, calculated	9.92	Cellnex Telecom has a point for collecting the physical product associated with its services and the emissions are calculated according to the emission factor associated to waste management of this source. All emission factors are stated in the spreadsheet attached in question CC7.		

CC14.2

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

Third party verification or assurance process in place

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 (%)
Annual process	First year it has taken place	Limited assurance	https://www.cdp.net/sites/2017/19/58619/Climate Change 2017/Shared Documents/Attachments/CC14.2a/SKM_C36817060209420_ENG.pdf	All document	ISO14064-3	100

CC14.3

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

Yes

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

Sources of Scope 3 emissions	Reason for change	Emissions value (percentage)	Direction of change	Comment
Waste generated in operations	Emissions reduction activities	71.85	Decrease	The large decrease is explained by the initiative of treating waste through revalorization, which has a lower emission factor than other treatments such as incineration or landfill. More information on this initiative can be found in question CC3.3b. The percentage calculation is consistent with the CDP guidance (163.16/227.06*100=71.85).
Downstream transportation and distribution	Change in output	18.79	Increase	The organic growth specially with the inclusion of Galata (Cellnex Italia) in the scope explains the increase in this source of emissions.
Downstream leased assets	Change in output	59	Increase	An increase in the electricity consumption of some of the centres leased explains the increase in emissions of this source.

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)

Yes, our suppliers
Yes, our customers

CC14.4a

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

SUPPLIERS
Cellnex has a supplier management model based on cooperation and joint improvement. Regarding methods of engagement, each area is responsible to contact the suppliers directly.
Strategy for prioritizing engagements:
Wherever possible, priority is given to purchasing goods and services from local suppliers (in 2016 100% local suppliers in Italy and 93% in Spain).Suppliers must be fully aware of Cellnex Telecom's Management System Policies, ensuring the fulfilment of each of its guidelines, as well as the specific requisites in the performance of their work, and be aware of the regulations established for all contracted and subcontracted personnel. On the other hand, in the subsidiaries Cellnex Group's companies in Spain it is mandatory for all suppliers who has to develop its activities in our sites to have all legal requirements in terms of environmental, labour risk

prevention and labour conditions. These make it possible to fulfil the obligations under the Law on Occupational Risk Prevention and other complementary legislation to avoid generating negative environmental impacts during the course of their work. If these do occur, the necessary corrective measures must be implemented to address them. All this information is registered in a proprietary system named COSMOS.
Cellnex Telecom measures success of engagement taking into account the most significant purchases, which go through the Audit and Control Committee.

The subsidiaries Cellnex Group's companies in Spain companies have systems for the evaluation, selection and monitoring of suppliers. On the one hand, the company has an internal procedure listing the criteria and steps to follow to become a Cellnex Telecom provider. At a later stage, suppliers' performance is evaluated using quality and time criteria to obtain a classification by levels based on the result. For suppliers with unsatisfactory results, while there is a desire to continue the business relationship, an action plan is established to correct and adjust their service level to that required by Cellnex Telecom.

In 2016, the subsidiaries Cellnex Group's companies in Spain incorporate another supplier evaluation system that covers three basic areas of sustainability: ethics, respect for the environment and labour relations. This evaluation sets out to have a clearer picture, from the point of view of sustainability, of the providers from which the company purchases most. Incidences related to ethics, respect for the environment and labour relations are reported from the total of assessed suppliers. Regarding Cellnex Italia, two questionnaires are sent to all suppliers, one of them regarding environmental issues, where they are asked whether they have an environmental policy and an environmental audit plan, among other questions. Results from the questionnaires are evaluated and in case of a very negative result Cellnex Telecom considers carrying out an action plan.

POLICY MAKERS
Cellnex Telecom has a close relationship with the various public administrations in Spain, Italy and Europe. The services associated with Cellnex Telecom's broadcasting business are regulated primarily by the State administration responsible for communications. As Cellnex Telecom is a wholesale operator with significant market power(SMP) for the broadcast carrier service of the television signal, the National Commission for Markets and Competition(CNMC) is also relevant to the Company. Responsibility for security, the environment and construction is also shared between the Autonomous Community and local administrations. Cellnex Telecom also plays an active role in defending the industry's positions, especially with regard to the allocation of radio spectrum to audiovisual broadcasting services.

CUSTOMERS
Cellnex Telecom's relationship with its customers is based on providing high added value and high quality services, through which it establishes close, stable and constantly improving relationships. Given the type of service is provides, Cellnex Telecom's customer base is composed of a small number of large customers. Cellnex Telecom's relationships with external customers centres around the account manager, an employee who has a deep understanding of all significant events affecting the customer. This management style is designed to provide a personalised service and to improve response time and overall customer satisfaction. One of the basic aspects of the service provided focuses on the management of incidents, complaints, inquiries and claims about the operation of the service, in real time and after it has been provided. The Company has established a number of communication channels with customers, such as those contained in the service-level agreement (SLA) reports or the biennial studies of perceived customer satisfaction, the outcome of which feeds into action and improvement plans

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

Type of engagement	Number of suppliers	% of total spend (direct and indirect)	Impact of engagement
Compliance	357	80%	The subsidiaries Cellnex Group's companies in Spain updated and refined its suppliers' evaluation systems in 2016 using supplier evaluation in three basic areas of sustainability: ethics, respect for the environment and labour relations. This evaluation process was addressed to suppliers that had admission through the opex/capex committee and it sets out to have a clearer picture from the point of view of sustainability. The new evaluation model was implemented in Spain and work is ongoing to set these up in other countries over the coming years. Cellnex Telecom measures success of engagement taking into account the most significant purchases, which go through the Audit and Control Committee.

CC14.4c

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

Further Information

The emission values in this report may differ from the values published in the integrated annual report. This is because the publication of the integrated annual report took place before the carbon footprint verification, where some of the values were slightly modified. This explains the small differences between the values in the two reports. The first carbon footprint verification took place in the year 2016, where both carbon footprints, of 2015 and 2016, were verified.

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
Toni Brunet	Corporate & Public Affairs Director	Public affairs manager

Further Information

Module: ICT

Page: ICT1. Data center activities

ICT0.1a

Please identify whether "data centers" comprise a significant component of your business within your reporting boundary

No

ICT1.1

Please provide a description of the parts of your business that fall under “data centers”

ICT1.2

Please provide your absolute Scope 1 and 2 emissions and electricity consumption for the data centers component of your business

Business activity	Scope 1 emissions (metric tonnes CO2e)	Scope 2 emissions (metric tonnes CO2e)	Annual electricity consumption (MWh)	Electricity data collection method	Comment

ICT1.3

What percentage of your ICT population sits in data centers where Power Usage Effectiveness (PUE) is measured on a regular basis?

Percentage	Comment

ICT1.4

Please provide a Power Usage Effectiveness (PUE) value for your data center(s). You can provide this information as (a) an average, (b) a range or (c) by individual data center - please tick the data you wish to provide (tick all that apply)

ICT1.4a

Please provide your average PUE across your data centers

Number of data centers	Average PUE	% change from previous year	Direction of change	Comment

ICT1.4b

Please provide the range of PUE values across your data centers

Number of data centers	PUE Minimum Value	% change of PUE Minimum Value from previous year	PUE Maximum Value	% change of PUE Maximum Value from previous year	Direction of change	Comment

ICT1.4c

Please provide your PUE values of all your data centers

Data center reference	PUE value	% change from previous year	Direction of change	Comment

ICT1.5

Please provide details of how you have calculated your PUE value

ICT1.6

Do you use any alternative intensity metrics to assess the energy or emissions performance of your data center(s)?

ICT1.6a

Please provide details on the alternative intensity metrics you use to assess the energy or the emissions performance of your data center(s)

ICT1.7

Please identify the measures you are planning or have undertaken in the reporting year to increase the energy efficiency of your data center(s)

Status in reporting year	Energy efficiency measure	Comment

ICT1.8

Do you participate in any other data center efficiency schemes or have buildings that are sustainably certified or rated?

ICT1.8a

Please provide details on the data center efficiency schemes you participate in or the buildings that are sustainably certified or rated

Scheme name	Level/certification (or equivalent) achieved in the reporting year	Percentage of your overall facilities to which the scheme applies

ICT1.9

Do you measure the utilization rate of your data center(s)?

ICT1.9a

What methodology do you use to calculate the utilization rate of your data center(s)?

ICT1.10

Do you provide carbon emissions data to your clients regarding the data center services they procure?

ICT1.10a

How do you provide carbon emissions data to your clients regarding the data center services they procure?

ICT1.11

Please describe any efforts you have made to incorporate renewable energy into the electricity supply to your data center(s) or to re-use waste heat

Further Information

Page: ICT2. Provision of network/connectivity services

ICT0.1b

Please identify whether "provision of network/connectivity services" comprises a significant component of your business within your reporting boundary

Yes

ICT2.1

Please provide a description of the parts of your business that fall under "provision of network/connectivity services"

Cellnex Telecom is the leading wireless telecommunications operator in Spain. The company operates more than 15% of the PoP (Point of Presence), have over 15,000 sites and are committed to the development of next generation networks.

Cellnex Telecom offers to its customers the space they require in these sites in order to install and maintain their own communications network equipment and transmit data and voice wirelessly. Also, provides highly advanced audiovisual services to broadcasters at local, regional and national level, and Smart Cities, IoT & Security services.

ICT2.2

Please provide your absolute Scope 1 and 2 emissions and electricity consumption for the provision of network/connectivity services component of your business

Business activity	Scope 1 emissions (metric tonnes CO2e)	Scope 2 emissions (metric tonnes CO2e)	Annual electricity consumption (MWh)	Electricity data collection method	Comment
Provision of network/connectivity services	3173.14	131793.73	373665.44	Meter or submeter reading	

ICT2.3

Please describe your gross combined Scope 1 and 2 emissions or electricity use for the provision of network/connectivity services component of your business as an intensity metric

Intensity figure	Metric numerator	Metric denominator	% change from previous year	Direction of change from previous year	Reason for change	Comment
8.99	metric tonnes CO2e	Other: Network Centers	25.38	Increase	This year 2016 the Company Galata (Cellnex Italia) was included in the scope, which explains the big increase in emissions in scope1+2 compared to 2015, and thus the increase in the intensity figure.	

ICT2.4

Please explain how you calculated the intensity figures given in response to Question ICT2.3

This figure was calculated dividing the sum of Scope 1 and Scope 2 emissions (from the subsidiaries Cellnex Group's companies in Spain and Cellnex Italia) by the total network points/sites (15018).

ICT2.5

Do you provide carbon emissions data to your clients regarding the network/connectivity services they procure?

Yes

ICT2.5a

How do you provide carbon emissions data to your clients regarding the network/connectivity services they procure?

In 2016 Cellnex Telecom continued working on the software application Clean CO2, which calculates and offsets both the corporate carbon footprint of the Group's companies and the carbon footprint of the services it offers to its customers. This tool, based on the methodologies for calculating the carbon footprint in ISO 14064-1: 2012 and the Greenhouse Gas Protocol, aims to introduce the concept of sustainability and carbon management into the services that Cellnex Telecom provides to its customers, for the calculation, management, offsetting and notification of the impact on climate change through the use of the services provided. Clean CO2

gives the client company the capability to offset GHG emissions and obtain the “certified CO2 Clean” label, a document certifying that the service offered to the customer is neutral in terms of GHG emissions.

Further Information

The emission values in this report may differ from the values published in the integrated annual report. This is because the publication of the integrated annual report took place before the carbon footprint verification, where some of the values were modified slightly. This explains the small differences between the values in the two reports.

Page: ICT3. Manufacture or assembly of hardware/components

ICT0.1c

Please identify whether "manufacture or assembly of hardware/components" comprises a significant part of your business within your reporting boundary

No

ICT3.1

Please provide a description of the parts of your business that fall under "manufacture or assembly of hardware/components"

ICT3.2

Please provide your absolute Scope 1 and 2 emissions and electricity consumption for the manufacture or assembly of hardware/components part of your business

Business activity	Scope 1 emissions (metric tonnes CO2e)	Scope 2 emissions (metric tonnes CO2e)	Annual electricity consumption (MWh)	Electricity data collection method	Comment

ICT3.3

Please identify the percentage of your products meeting recognized energy efficiency standards/specifications by sales weighted volume (full product range)

Product type	Standard (sleep mode)	Percentage of products meeting the standard by sales volume (sleep mode)	Standard (standby mode)	Percentage of products meeting the standard by sales volume (standby mode)	Standard (in use mode)	Percentage of products meeting the standard by sales volume (in use mode)	Comment

ICT3.4

Of the new products released in the reporting year, please identify the percentage (as a percentage of all new products in that product type category) that meet recognized energy efficiency standards/specifications

Product type	Standard (sleep mode)	Percentage of new products meeting the standard (sleep mode)	Standard (standby mode)	Percentage of new products meeting the standard (standby mode)	Standard (in use mode)	Percentage of new products meeting the standard (in use mode)	Comment

ICT3.5

Please describe the efforts your organization has made to improve the energy efficiency of your products

ICT3.6

Please describe the GHG emissions abatement measures you have employed specifically in your ICT manufacturing operations

ICT3.7

Do you provide carbon emissions data to your clients regarding the hardware/component products they procure?

ICT3.7a

How do you provide carbon emissions data to your clients regarding the hardware/component products they procure?

Further Information

Page: ICT4. Manufacture of software

ICT0.1d

Please identify whether "manufacture of software" comprises a significant component of your business within your reporting boundary

No

ICT4.1

Please provide a description of the parts of your business that fall under "manufacture of software"

ICT4.2

Please provide your absolute Scope 1 and 2 emissions and electricity consumption for the software manufacture component of your business

Business activity	Scope 1 emissions (metric tonnes CO2e)	Scope 2 emissions (metric tonnes CO2e)	Annual electricity consumption (MWh)	Electricity data collection method	Comment

ICT4.3

Please describe your gross combined Scope 1 and 2 emissions for the software manufacture component of your business in metric tonnes CO2e per unit of production

Intensity figure	Metric numerator	Metric denominator	% change from previous year	Direction of change from previous year	Reason for change	Comment

ICT4.4

What percentage of your software sales (by volume) is in an electronic format?

ICT4.5

Do you provide carbon emissions data to your clients regarding the software products they procure?

ICT4.5a

How do you provide carbon emissions data to your clients regarding the software products they procure?

Further Information

Page: ICT5. Business services (office based activities)

ICT0.1e

Please identify whether "business services (office based activities)" comprise a significant component of your business within your reporting boundary

No

ICT5.1

Please provide a description of the parts of your business that fall under "business services (office based activities)"

ICT5.2

Please provide your absolute Scope 1 and 2 emissions and electricity consumption for the business services (office based activities) component of your business

Business activity	Scope 1 emissions (metric tonnes CO2e)	Scope 2 emissions (metric tonnes CO2e)	Annual electricity consumption (MWh)	Electricity data collection method	Comment

ICT5.3

Please describe your gross combined Scope 1 and 2 emissions for the business services (office based activities) component of your business in metric tonnes per square meter

Intensity figure	Metric numerator	Metric denominator	% change from previous year	Direction of change from previous year	Reason for change	Comment

ICT5.4

Please describe your electricity use for the provision of business services (office based activities) component of your business in MWh per square meter

Intensity figure	Metric numerator	Metric denominator	% change from previous year	Direction of change from previous year	Reason for change	Comment

Further Information

Page: ICT6. Other activities

ICT0.1f

Please identify whether "other activities" comprise a significant component of your business within your reporting boundary

No

ICT6.1

Please provide a description of the parts of your business that fall under "other"

ICT6.2

Please provide your absolute Scope 1 and 2 emissions and electricity consumption for the identified other activity component of your business

Activity	Scope 1 emissions (metric tonnes CO2e)	Scope 2 emissions (metric tonnes CO2e)	Annual electricity consumption (MWh)	Electricity data collection method	Comment

ICT6.3

Please describe your gross combined Scope 1 and 2 emissions for your defined additional activity using an appropriate activity based intensity metric

Activity	Intensity figure	Metric numerator	Metric denominator	% change from previous year	Direction of change from previous year	Reason for change	Comment

ICT6.4

If appropriate, please describe your electricity use for your defined additional activity using an appropriate activity based intensity metric

Activity	Intensity figure	Metric numerator	Metric denominator	% change from previous year	Direction of change from previous year	Reason for change	Comment

Further Information

CDP 2017 Climate Change 2017 Information Request