



JUVENTUS CLIMATE REPORT 2020/2021



AGAINST CLIMATE CHANGE

CHALLENGES AND OPPORTUNITIES

Eight years ago Juventus established itself among the first football clubs to take up the challenge of sustainability and to talk about sustainability. In these years the Club's approach has changed, speaking no longer as a football club but as a football company capable of having an impact beyond the field, that is, in those contexts on which Juventus confronts each other daily and in which it can contribute concretely and positively through the values of Sport.

Thus, Juventus is aware of its role both in the world of football, as a club, and of the responsibilities and influence of its actions on the environment, as a company. Conscious of this correlation between corporate and territorial aspects, Juventus is committed to reduce its impact as much as possible.

Since 2013 the Club measures and discloses its environmental data through the sustainability reports showing a clear and transparent pathway in this field within the SDGs framework.

Juventus' environmental commitment, undertaken during 2019/2020 season thanks to the United Nations "Sports for Climate Action Framework" and "Climate Neutral Now" agreements, therefore, continues with the aim of reducing the negative impacts associated with climate change, taking active steps to achieve the environmental objectives of the UN 2030 Agenda for Sustainable Development and to encourage positive behaviour and actions both on and off the playing field.

Actions Taken:

Juventus is the first Italian football club and the 150th signatory of the UNFCCC Sports for Climate Action Framework, by mapping a clear trajectory and setting standards for

verifying emission reporting in line with the Paris Agreement.

Furthermore, Juventus has become the first Italian football club to join the "Climate Neutral Now" initiative, devised in 2015 by the United Nations. The project encourages both people and companies to act voluntarily to measure, reduce and offset their greenhouse gas emissions.

Starting from the 2018/2019 season, 100% of the electricity purchased by Juventus comes from renewable sources thanks to specific agreements with suppliers. The lighting system was replaced throughout the entire stadium area with LED lamps. This allows a reduction in consumption as well as a future reduction in maintenance, replacement and disposal costs. Thanks to this measure, the Club achieved a reduction in energy consumption in the hospitality area of up to 50%, with a reduction on the pitch of about 20%.

The 2019/2020 represented a decisive season for the Club to take actions to ward off the worst effects of climate change. In September 2019, the Allianz Stadium became the first stadium in Italy to obtain the ISO 14001 environmental certification, after an investigation about its compliance with the legislation in force and of the adequacy of the environmental policy implemented. Through these commitments, the Club has strengthened its purpose for the environmental and the energy issues, that Juventus has been pursuing for years.

Also, in 2019 Juventus – in recognition of its responsibility and influence with regard to environmental action – embarked on an ambitious process designed to assess the Club's direct and indirect greenhouse gas emissions. By analysing and publishing its

Scope 1 and Scope 2 emissions, the Club would be able to gain an understanding of its carbon footprint and aims to deepen its reporting efforts, collecting, where possible, data and information that can provide an increasingly accurate picture of its direct and indirect impacts in relation to CO2 emissions.

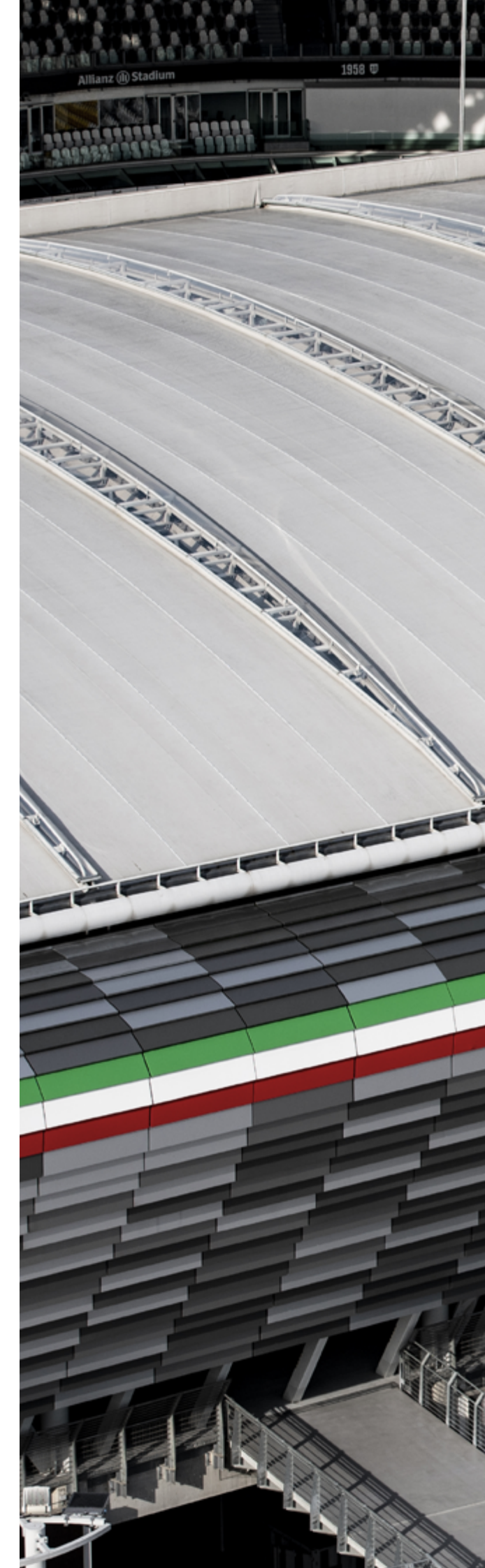
Actions implemented to reduce GHG emissions

Juventus is among the first clubs to have joined the European Life TACKLE project, followed by the research group of the Institute of Management of the Scuola Superiore Sant'Anna in Pisa and focused on the analysis and development of actions relating to the environmental management of professional football and sporting events.

This path has been enriched with a new objective to strengthen its commitment to reduce the negative impacts associated with Climate Change and encourage positive behavior and actions even outside the playing field.

The sustainability laboratory of the Institute of Management will support Juventus in quantifying the sources of Scope 3 emissions, relating to the movements of the teams (First Teams and Youth Sector) and the mobility of fans for each home game. This new path will aim at making reporting efforts even more in-depth by collecting, where possible, data and information for an increasingly accurate picture of its direct and indirect impacts and defining future strategies on the issue.

For further informations about initiatives taking on the previous seasons, visit <https://www.juventus.com/en/sustainability/#environmentalimpact>



DATA:
GHG INVENTORY

This inventory includes the following Scope

Scope 1: includes direct emissions from sources owned or controlled by your organization.

Scope 2: includes indirect emissions from the purchase of electricity, steam, heating and coolingconsumed by your organization..

ENERGY PURCHASED AND METHANE CONSUMPTION		
2019-2020		
2020-2021		
Energy GJ		
Electricity purchased		
Headquarters	40,537.20	40,953.73
Store ¹	1,236,1644	1,433.74
JTC Continassa	1,111,629.6	1008,59
JTC Vinovo	3,145.87	4,384.01
JTC Vinovo	4,698.35	5,120.86
Stadium Complex ²	30,345.18	29,006.53
District Heating		
Headquarters	45,824.52	49,833.26
JTC Continassa	1,496.98	1,764.08
Stadium Complex	24,836.79	25,303.86
JTC Continassa	19,490.75	22,765.32
District Cooling		
Headquarters	3,477.82	4,364.02
JTC Continassa	1,177.70	1,692.09
JTC Continassa	2,300.11	2,671.93
Methane Consumption		
JTC Vinovo ³	19,251.34	17,896.87

1 Starting from the 2018/2019 season, the data refers to all the stores: Turin (Garibaldi and Nizza) and Rome
2 Starting from the 2017/2018 season, "Stadium Complex" refers to all the areas adjacent to it (i.e. outdoor parking lots), JJMedical and the Juventus Museum.
3 To convert consumption values from m3 to GJ, we have used the UNFCCC standardised baselines applicable to Italy for the years in concern (for 2019 we have adopted the most recent baseline available at the time of drafting the Sustainability Report).

CO2EQ EMISSIONS (t)	2019-2020	2020-2021
Total CO2EQ Emissions (Scope 1 e Scope 2-location based)	9.005,96	8.793,70
Total CO2EQ Emissions (Scope 1 e Scope 2-market based)	4.636,95	4.884,42
Scope 1	1.639,09	1.588,87
Methane ¹	1.081,82	1.006,36
Company Car Fleet ²	557,28	582,51
Scope 2 - market based	2.997,86	3.295,55
Scope 2 - location based	7.366,86	7.600,75
Electricity: location based ³	4.369,0	4.305,2
Electricity: market based ⁴	0,0	0,0
District Heating ⁵	2.786,39	3.030,14
District Cooling	211,47	265,41

1 CO2 equivalent emissions from the consumption of gas for heating include the following greenhouse gases: CO2 (carbon dioxide); CH4 (methane); N2O (nitrous oxide). Sources: Emission factors - ISPRA (2020); Global Warming Potential - IPCC (2013).
2 CO2 equivalent emissions of the car fleet have been calculated on the basis of average road transport emissions in Italy (ISPRA). The following greenhouse gases were taken into account for the calculation of CO2 equivalent emissions: CO2 (carbon dioxide); CH4 (methane); N2O (nitrous oxide). For the fleet travel distance, with a view to precise future reporting, values of 15,000 kilometres per year were assumed, with the exception of the Alfa Romeo Stelvio, Maserati Levante and Jeep Cherokee vehicles, for which a travel distance of 20,000 kilometres per year was assumed.
3 CO2 emissions deriving from the use of electricity - calculated using the location-based method - were obtained from "European Residual Mixes 2018", (AIB). In particular, the Italian "Total supplier mix", which represents the emission factor associated with the mix of technologies used in Italy for the production of electricity, was chosen
4 CO2 emissions deriving from the use of electricity - calculated using the market-based method - were obtained from "European Residual Mixes 2018", (AIB). In particular, the Italian "Residual Mix", which represents the mix of electricity generation quotas remaining after the use of specific tracking systems for the energy sources used, such as certificates of Guarantee of Origin, was chosen. Starting from the 2018/2019 season, an emission factor of 0 has been considered, as the Company now purchases electricity produced entirely from renewable energy sources.
5 CO2 emissions deriving from the consumption of district heating and cooling, in line with the production technology used for their generation, were obtained assuming the emission factor associated with the productivity of an average cogeneration plant in Italy (ISPRA 2019) as reference

CONTRIBUTION TO ENCOURAGE MORE EMISSION REDUCTIONS

The next step of this journey was the offsetting of Scope 1 and Scope 2 emissions of the Club through UN certified emission reductions (CERs), carbon credits generated by climate-friendly projects vetted by the UN following rules approved at intergovernmental level and with international oversight, providing a high level of credibility to the offsetting regime.

	OFFSETS	Link UN Carbon Offset Platform
19/20	3,000 CERs	Link
19/20	3,000 CERs	Link
20/21	5,000 CERs	Link

Over the next years, the Club commits to measure and reduce the Scope 3 emissions that include the mobility of the teams (Men, Women and Youth) as well as the mobility of the fans for each home match.

Through these commitments, Juventus wants to strengthen its purpose and encourage positive attitudes and actions also outside of the pitch.

Moreover, Juventus reconfirmed its collaboration with One Tree Planted: each goal scored will represent one hundred (100) new trees planted by Juventus, strengthening

the Club's positive contribution to our planet. Twenty-five thousand (25,000) trees were planted last season, while up to this year (up to date), more than 15,000 new trees have been planted in accordance with the number of goals scored by our various teams. In addition to the goals of the men's first team, goals scored by the women's first team and those scored in the UEFA Youth League by the Under 19s this season will also add to the count.



METHODOLOGICAL NOTE

Aim of the document

The 2020/2021 Juventus Football Club S.p.A. Climate Report (hereinafter also referred to as the Report) is the tool used by the Club to report its initiatives and performance in terms of climate change mitigation, including energy efficiency and GHG emissions' reduction measures. It allows the Club to maximise transparency of communication with its stakeholders and to outline the main information concerning the reduction of the Club's carbon footprint, the implementation of energy efficiency solutions and the participation to international frameworks.

Reporting standards and document drafting process

This Report has been drafted based on a selection of the "Global Reporting Initiative Sustainability Reporting Standards" (hereinafter also referred to as, for the sake of brevity, GRI Standards) issued by the "Global Reporting Initiative" in 2016.

Specifically, the Climate Report references to selected "Global Reporting Initiative Sustainability Reporting Standards" established by the GRI – Global Reporting Initiative, as follows: 102-1; 102-2; 102-3; 102-4; 102-50; 102-53; 102-54; 102-56; 302-1; 305-1; 305-2.

Data related to the GHG inventory was measured using the methodology set forth by the GHG Protocol Corporate Reporting and Accounting Standard. The standard is part of the GHG Protocol developed by the World Resources Institute (WRI) and the World Business Council on Sustainable Development (WBCSD). The classification of GHG emissions (Scope 1 and 2) is based on the guidelines defined by the ISO 14064 International Standard for GHG Emissions Inventories and Verification. The annual Climate Report drafting process is coordinated by the Sustainability area, unit of the "Communication and External Relations" department.

For questions and comments concerning this document, please contact the Juventus Sustainability Manager at the following e-mail address: sustainability@juventus.com.

Scope and period of reporting

The data presented in this Report concern Juventus Football Club S.p.A., a professional football club listed on the stock exchange, with its headquarters located at 175 Via Druento, Turin.

The specific corporate activity is the participation in national and international sport competitions, as well as the organization of football matches.

The Club's climate reporting process is renewed every year and the data presented in this year's Report concern the fiscal year ended on 30 June 2021 and the 2020/2021 sport season, maintaining the same scope of reporting as the Annual Financial Report as of 30 June 2021. For the purpose of guaranteeing comparability of the data reported, also in compliance with the relative GRI Standards, the quantitative data in this document refers to the 2019/2020 and 2020/2021 football sport seasons.

Energy consumption reported in this document includes Juventus Headquarters, Juventus Stores, JTC Vinovo, JTC Continassa and all the structures of the Stadium complex (Stadium and Museum) in a single item.

Additional exceptions to the aforementioned criteria, along with restatements of quantitative data – implemented as part of a constant improvement of reporting procedures – have been recorded in each section of this document by means of specific notes.

This document does not include the information outlined in previous reports. For further information, please refer to the Sustainability Report, which may be consulted on the Juventus website in the "Sustainability" section (available at www.juventus.it). The Juventus Climate Report has undergone limited assurance by Deloitte & Touche S.p.A..



INDEPENDENT AUDITOR'S REPORT ON THE CLIMATE REPORT

**To the Board of Directors of
Juventus Football Club Sp.A.**

We have carried out a limited assurance engagement on the Climate Report of Juventus Football Club Sp.A. (hereinafter also the "Company") as of June 30, 2021.

Directors' Responsibility

The Directors of Juventus Football Club Sp.A. are responsible for the preparation of the Climate Report in accordance with the "Global Reporting Initiative Sustainability Reporting Standards" established by GRI – Global Reporting Initiative ("GRI Standards"), with reference to the selection of GRI Standards, as stated in the paragraph "Methodological note" of the Climate Report.

The Directors are also responsible, for such internal control as they determine is necessary to enable the preparation of the Climate Report that is free from material misstatement, whether due to fraud or error.

The Directors are also responsible for the definition of the Company's objectives in relation to the sustainability performance, for the identification of the stakeholders and the significant aspects to report.

Auditor's Independence and quality control

We have complied with the independence and other ethical requirements of the Code of Ethics for Professional Accountants issued by the International Ethics Standards Board for Accountants, which is founded on fundamental principles of integrity, objectivity, professional competence and due care, confidentiality and professional behaviour.

Our auditing firm applies International Standard on Quality Control 1 (ISQC Italia 1) and, accordingly, maintains a comprehensive system of quality control including documented policies and procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.

Ancona Bari Bergamo Bologna Brescia Cagliari Firenze Genova Milano Napoli Padova Parma Roma Torino Treviso Udine Verona

Sede Legale: Via Tortona, 25 - 20144 Milano I Capitale Sociale: Euro 10.328.220,00 i.v.

Codice Fiscale/ Registro delle Imprese di Milano Monza Brianza Lodi n. 03049560166 - R.E.A. n. MI-1720239 I Partita IVA: IT03049560166

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Auditor's responsibility

Our responsibility is to express our conclusion based on the procedures performed about the compliance of the Climate Report with the GRI Standards, with reference to the selection of GRI Standards. We conducted our work in accordance with the criteria established in the "International Standard on Assurance Engagements ISAE 3000 (Revised) – Assurance Engagements Other than Audits or Reviews of Historical Financial Information" (hereinafter "ISAE 3000 Revised"), issued by the International Auditing and Assurance Standards Board (IAASB) for limited assurance engagements. The standard requires that we plan and perform the engagement to obtain limited assurance whether the Climate Report is free from material misstatement.

Therefore, the procedures performed in a limited assurance engagement are less than those performed in a reasonable assurance engagement in accordance with ISAE 3000 Revised ("reasonable assurance engagement"), and, therefore, do not enable us to obtain assurance that we would become aware of all significant matters and events that might be identified in a reasonable assurance engagement.

The procedures performed on the Climate Report are based on our professional judgement and included inquiries, primarily with Company personnel responsible for the preparation of information included in the Climate Report, analysis of documents, recalculations and other procedures aimed to obtain evidence as appropriate.

Specifically, we carried out the following procedures:

- 1) analysis of the process relating to the definition of material aspects disclosed in the Climate Report, with reference to the methods used for the identification and prioritization of material aspects for stakeholders and to the internal validation of the process results;
- 2) understanding of the processes underlying the origination, recording and management of qualitative and quantitative material information included in the Climate Report.

In particular, we carried out interviews and discussions with the management of Juventus Football Club Sp.A. and we carried out limited documentary verifications, in order to gather information about the processes and procedures, which support the collection, aggregation, elaboration and transmittal of non-financial data and information to the department responsible for the preparation of the Climate Report.

In addition, for material information, taking into consideration the Company's activities and characteristics:

- at the Company's level:
 - a) with regards to qualitative information included in the Climate Report, we carried out interviews and gathered supporting documentation in order to verify its consistency with the available evidence;
 - b) with regards to quantitative information, we carried out both analytical procedures and limited verifications in order to ensure, on a sample basis, the correct aggregation of data;

- for the Company and the following sites, JTC Continassa, JTC Vinovo, Stadium Complex and stores, which we selected based on their activities, their contribution to the performance indicators at the consolidated level and their location, we carried out remote meetings, during which we have met the management and have gathered supporting documentation on a sample basis with reference to the correct application of procedures and calculation methods used for the indicators.

Conclusion

Based on the work performed, nothing has come to our attention that causes us to believe that the Climate Report of Juventus Football Club Sp.A. as of June 30, 2021 is not prepared, in all material aspects, in accordance with the GRI Standards, with reference to the selection of GRI Standards as stated in the paragraph "Methodological note" of the Climate Report.

DELOITTE & TOUCHE Sp.A.



Giorgio Barbieri
Partner

Turin, Italy
March 18, 2022



**JUVENTUS
CLIMATE
REPORT
2020/2021**

