

Environmental Statement 2020

Escofet[®]

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PRESENTATION

ESCOFET 1886 S.A. was founded in 1886 and it is located in the city of Martorell (Barcelona). The company is a market leader in architectural and moulded concrete, and the production of quality high-end products, characterised by its commitment to urban life and architecture.

ESCOFET 1886 S.A. has historically applied the criteria and principles of respect for the environment, occupational health and safety and quality assurance with regard to its product and service, which has led to it being awarded with various distinctions and certifications.

Throughout its history, ESCOFET 1886 S.A has been engaged in environmental protection, leading to the implementation of the Environmental Management System within the company. This process resulted the EMS being certified under the ISO 14001 Standard by AENOR in 2005.

In line with its philosophy of ongoing improvement, within the Environmental Management System, the company has integrated an Occupational Health and Safety Management System based on the ISO 45001 Standard (formerly OHSAS 18001), followed by a Quality Management System under the ISO 9001 Standard. Both certifications were awarded by AENOR.

The ongoing improvement of this system allows us to enhance the efficiency of our production process. In this way we can reduce our consumption of natural resources and, in turn, the pollution we generate, as well as minimise the health and safety risks for our employees.

We are at your disposal to provide clarifications and additional information to this document that you may require, either in person or via email info@escofet.com.



SCOPE OF THE STATEMENT

The scope of this Environmental Statement, as well as that of our certified Management System, is all the activities, products and services carried out for the “Design, development and production of pre-fabricated concrete modules, urban furniture and their subsequent installation” at our Production Centre:

ESCOFET 1886 S.A.
Avenida Montserrat, 162
08760 – Martorell (Barcelona)

This Production Centre holds a **Municipal Environmental Licence (Exp 44/2003)**, granted by the Local Government Board (Martorell Town Council).

Company Policy.

The Management of ESCOFET 1886 S.A. confirms its commitment to the stakeholders (customers, company employees, shareholders and society in general) through the publication of a policy based on the criteria and fundamental principals of respect for the environment, concern for health and safety and customer service, providing quality products.

This policy is available on our website:

<https://www.escofet.com/downloadas>

Description of the Management System.

ESCOFET 1886 S.A. has implemented an **Integrated Management System** that addresses aspects concerning the environment, occupational health and safety and the quality of its products and services. This system is certified by the Spanish **Association for Standardisation and Certification**, AENOR (member of IQNET), in accordance with the following standards:

- *UNE-EN ISO 14001:2015 Environmental Management Systems.*
- *UNE-EN ISO 45001: 2018 Occupational Health and Safety Management Systems.*
- *UNE-EN ISO 9001:2015 Quality Management Systems.*



ALCANCE DECLARACION



THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

AENOR has issued an IQNet recognized certificate that the organization:

ESCOFET 1886, S.A.

Planta de Fabricación
AV MONTSERRAT, 162
08760 - MARTORELL
(BARCELONA)

has implemented and maintains a

Environmental Management System

for the following scope:

The design, development and production of precast architectural concrete, urban elements and their subsequent placement on site.

The design, development and manufacture of outdoor luminaires.

which fulfills the requirements of the following standard

ISO 14001:2015

First issued on: **2005-02-10** Last issued: **2020-03-31** Validity date: **2023-03-31**

This attestation is directly linked to the IQNet Partner's original certificate and shall not be used as a stand-alone document

Registration Number: **ES 2005/0072**



AENOR

Alex Stoichitoiu
President of IQNet

Rafael GARCÍA MEIRO
Chief Executive Officer

Original Issued Certificate

IQNet Partners:
AENOR Spain AENOR Certification France APCER Portugal CCC Cgurus CISQ Italy
CQC China CQM China CQS Czech Republic Cro Cert Croatia DQS Holding GmbH Germany EAGLE Certification Group USA
FCAV Brazil FONDORFIMA Venezuela INTEC Colombia Inspecta Serbisoint Oy Finland INTECO Costa Rica
IFAM Argentina JQA Japan KQ Korea MITEC Greece MSZT Hungary Nemko AS Norway NSAI Ireland
NYCE-SICE México PCBC Poland Quality Austria Austria RR Russia SII Israel SIQ Slovenia
SIRIM QAS International Malaysia SQS Switzerland SRAC Romania TEST St Petersburg Russia TSE Turkey YUQS Serbia

* The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com



THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

AENOR has issued an IQNet recognized certificate that the organization:

ESCOFET 1886, S.A.

Planta de Fabricación
AV MONTSERRAT, 162
08760 - MARTORELL
(BARCELONA)

has implemented and maintains a

Occupational Health and Safety Management System

for the following scope:

The design, development and production of precast architectural concrete, urban elements and their subsequent placement on site.

The design, development and manufacture of outdoor luminaires.

which fulfills the requirements of the following standard

OHSAS 18001:2007

First issued on: **2010-04-29** Last issued: **2019-05-16** Validity date: **2021-09-30**

This attestation is directly linked to the IQNet Partner's original certificate and shall not be used as a stand-alone document

Registration Number: **ES-SST-0090/2010**



AENOR

Alex Stoichitoiu
President of IQNet

Rafael GARCÍA MEIRO
Chief Executive Officer

IQNet Partners:
AENOR Spain AENOR Certification France APCER Portugal CCC Cgurus CISQ Italy
CQC China CQM China CQS Czech Republic Cro Cert Croatia DQS Holding GmbH Germany EAGLE Certification Group USA
FCAV Brazil FONDORFIMA Venezuela INTEC Colombia Inspecta Serbisoint Oy Finland INTECO Costa Rica
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ALCANCE DECLARACION



THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

AENOR has issued an IQNet recognized certificate that the organization:

ESCOFET 1886, S.A.

Planta de Fabricación
AV MONTSERRAT, 162
08760 - MARTORELL
(BARCELONA)

has implemented and maintains a

Quality Management System

for the following scope:

The design, development and production of precast architectural concrete, urban elements and their subsequent placement on site.

which fulfills the requirements of the following standard

ISO 9001:2015

First issued on: **2016-07-27** Last issued: **2019-07-27** Validity date: **2022-07-27**

This attestation is directly linked to the IQNet Partner's original certificate and shall not be used as a stand-alone document

Registration Number: **ES-0403/2016**



AENOR

Alex Stoichitciu
President of IQNet

Rafael GARCÍA MEIRO
Chief Executive Officer

Original Declaration

IQNet Partners*:
AENOR Spain AFNOR Certification France APCER Portugal CCC Cyprus CISC Italy CQC China CQM China CQS Czech Republic
Cv Cert Croatia DQS Holding GmbH Germany FCBV Brazil FORD/OWFMA Venezuela ISONET Colombia Inspectoria Serbisvanti
Oy Finland INTECO Costa Rica IRAM Argentina JQA Japan KFQ Korea MITEC Greece MSZT Hungary Nemiso AS Norway
NSAI Ireland NYCE SICE México PCBC Poland Quality Austria Austria ER Russia SIL Israel SIQ Slovenia
SIRIM QAS International Malaysia SQS Switzerland SRAC Romania TEST St Petersburg Russia TSE Turkey YUQS Serbia
IQNet is represented in the USA by: AFNOR Certification, CISC, DQS Holding GmbH and NSAI Inc.

* The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com



USE OF SUSTAINABLE MATERIALS

Recycled Concrete.

ESCOFET 1886 S.A has a range of recycled concrete that uses locally-recycled aggregates, with CE markings and environmental labels that guarantee their recycled origin and environmentally friendly production processes:

- **Eco-Grey®**: uses recycled aggregates with an **Environmental Quality Seal** granted by the Generalitat de Catalunya.
- **Eco-Black®**: uses recycled aggregates with a **Type II Environmental Label** in accordance with the **ISO 14021** Standard.

Using recycled aggregates enables us to offer products that are more environmentally sustainable, maintaining a natural etched finish and upholding the quality standards of Escofet.

Photocatalytic pavements

ESCOFET 1886 S.A. also has a range of **decontaminating pavements** that purify the air and improve the quality of life in our cities.

These pavements incorporate a photocatalytic additive which, in the presence of sunlight and air humidity, is capable of reducing polluting substances in the air of our cities, such as nitrogen oxide (Nox) and sulfur oxide (Sox), transforming them into non-toxic compounds.



USE OF SUSTAINABLE MATERIALS

This is a natural oxidation process similar to photosynthesis in plants, transforming pollutant gases into waste that is harmless to humans, easy to dispose of and with no impact on the environment.

As an example, if this pavement covers one hectare, the pollution caused by 3,500 vehicles could be eliminated over the course of one year. The effect remains active throughout the life cycle of the pieces, as the properties of the catalyst additive do not deplete over time

Another benefit is its self-cleaning properties, facilitating the maintenance and cleaning of the products, as it decomposes the residues on the surface of the pieces and eliminates organic substances that stain the surface.



USE OF SUSTAINABLE MATERIALS

Wood from sustainable forests

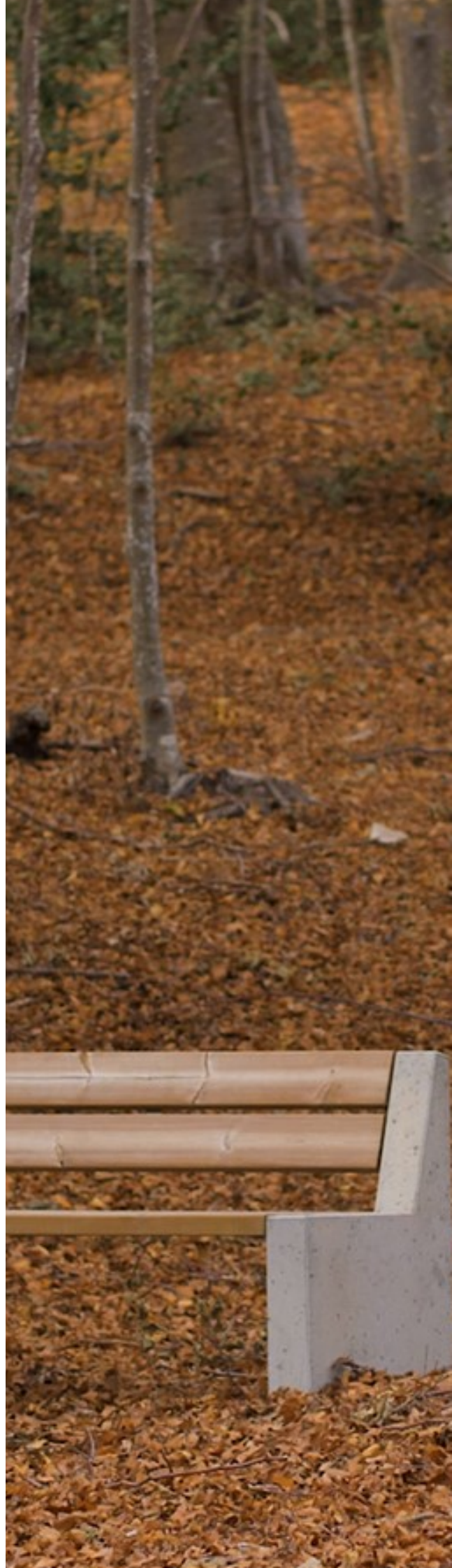
In line with our concern for the environment and the sustainability of our woodlands, ESCOFET 1886 S.A has had a certified **Chain of Custody** for the wood it sells (benches, chairs, etc.) since 2014, based on the FSC® Standard under Licence Code FSC-C019143.



La marca de la
gestión forestal
responsable

The Forest Stewardship Council (FSC®) is an international non-profit organisation that sets standards for what constitutes a responsibly managed forest, both in terms of the environment and society.

The FSC® ensures that companies along the supply chain comply with the standards for best practice. Therefore, when a product carries the FSC logo, you can be sure that it has been manufactured from sustainable sources. As a result, the FSC® certification helps to ensure forests remain prosperous environments for future generations.



USE OF SUSTAINABLE MATERIALS

This Chain of Custody is audited annually to check that all the requirements of the standard are met by ESCOFET 1886 S.A and its providers and partners.

Following six years in the FSC® Chain of Custody, the sale of **certified wood** elements have grown significantly, and in 2020, certified wood represented **97% of all the wood sold**.

Throughout 2020, we acquired a total of 13,844 strips of FSC®-certified wood, including both FSC® 100% and FSC® Mix Credit. All the wood bought for catalogue products was FSC®-certified, with the exception of the Teka wood (Prima Marina family of products) and specific elements that, due to client requirements, were not possible to make using certified wood.



USE OF SUSTAINABLE MATERIALS

Eco-friendly design and life cycle analysis.

In recent years, with a view to assessing the environmental impact associated with its products and to improve its environmental performance, ESCOFET 1886 S.A. has undertaken LCA (Life-Cycle Assessment) studies for some of its products. This makes it possible to analyse the impact they have from a global and objective environmental perspective, in consideration of the life cycle of the products, from the extraction of the raw materials through to the management and final destination of waste. This encompasses the manufacturing, distribution, installation, use, maintenance and removal of the products, as well as the recycling and recovery of materials.

Based on the results obtained, it was possible to quantify these impacts, to determine at what stage in the life cycle they occur and establish actions for improvements in order to reduce them.

The subject of these assessments were the most representative elements in each product family (Prima® bench, Nomo® bench, Morella® bench, Sócrates® bench, Mayo® bench, Tramet® bench, standard pre-fab concrete façade elements, standard paving...).



USE OF SUSTAINABLE MATERIALS

From the information extracted from these LCAs, it was possible to draw conclusions and considerations regarding environmental aspects, which were taken into account when designing the urban elements with a view to improving their environmental performance.

Proof of this process is the Alpine®, bench, an element that won first place in the *Catalonia Eco-Design Awards* from the Catalan Waste Agency (Generalitat de Catalunya).

These awards recognise products marketed, manufactured or executed in Catalonia that integrate into their designs considerations to improve environmental performance throughout the life cycle of the product.

The Alpine bench uses eco-friendly materials, combining recycled **Eco-Grey®** and **Eco-Black®** concrete and **FSC®-certified** wood, with a view to optimising transport, as well as to facilitate its maintenance, thereby extending its useful life and, in turn, reducing its environmental impact.



ENVIRONMENTAL ASPECTS

ESCOFET 1886 S.A. has a system for identifying, assessing, recording and updating the **environmental aspects associated** with the activities, products and services it develops, in order to determine which have or may have a significant impact on the environment (i.e. environmentally significant aspects).

Once these aspects have been identified, they are assessed on an annual basis through a system that considers their frequency, severity and magnitude. This analysis process reveals the significance of such aspects to us.

Improvement Targets and a corresponding action plan are established, based on the aspects deemed to be significant.

Two types of environmental aspects are identified:

Direct environmental aspects

Those environmental aspects over which we have direct control.

Direct Environmental Aspects	Environmental Impacts
Process water consumption	Overexploitation of natural resourcesWaste generation
Sanitary water consumption	Overexploitation of natural resourcesWaste generation
Aggregate consumption	Overexploitation of natural resources-DeforestationWaste generation
Cardboard consumption: boxes and packaging	Overexploitation of natural resources-DeforestationWaste generation
Cement consumption	Overexploitation of natural resources-Deforestation/Waste generationGreenhouse effect
Electricity consumption	Overexploitation of natural resources-Greenhouse effect/ Light pollution



ENVIRONMENTAL ASPECTS

Direct Environmental Aspects	Environmental Impacts
Butane/propane gas consumption	Overexploitation of natural resources Greenhouse effect
Diesel fuel consumption	Overexploitation of natural resources Greenhouse effect
Wood consumption	Overexploitation of natural resources Deforestation/Waste generation
Paper consumption	Overexploitation of natural resources Deforestation/Waste generation
Plastic consumption; covers, bags, bottles...	Overexploitation of natural resources Deforestation/Waste generation
Dust (diffuse) emission	Air quality reduction.
Noise emission	Noise pollution
Acid mist emissions	Air quality reduction.
Cardboard generation: boxes and packaging	Overexploitation of natural resources Deforestation/Waste generation
Iron and steel scrap generation	Waste generation
Debris generation – broken parts	Soil and water contamination
Debris generation – rubble	Soil and water contamination
Special waste sludge generation	Generation of hazardous waste Soil and water contamination.
Generation of spent fluorescent bulbs	Generation of hazardous waste Soil and water contamination.
Generation of common waste	Soil and water contamination.
Generation of toner waste	Generation of hazardous waste Soil and water contamination.
Generation of paper waste	Waste generation
Generation of waste packaging – Containers	Generation of hazardous waste Soil and water contamination.
Generation of waste silicone packaging and glues	Generation of hazardous waste Soil and water contamination.
Generation of wood waste	Waste generation
Generation of absorbent material waste	Generation of hazardous waste Soil and water contamination.



ENVIRONMENTAL ASPECTS

Direct Environmental As- pects	Environmental Impacts
Generation of biological treatment sludge	Soil and water contamination.
Generation of used oil waste	Generation of hazardous wasteSoil and water contamination.
Generation of used battery waste	Generation of hazardous wasteSoil and water contamination.
Generation of used alkaline battery waste	Generation of hazardous wasteSoil and water contamination.
Generation of sprays and aerosol waste	Generation of hazardous wasteSoil and water contamination.
Generation of plastic waste: covers, bags, bottles...	Generation of hazardous wasteSoil and water contamination.
Generation of electrical scrap	Generation of hazardous wasteSoil and water contamination.
Generation of construction waste	Soil and water contamination.
Process water discharge	Generation of hazardous wasteSoil and water contamination.
Sanitary water discharge	Generation of hazardous wasteSoil and water contamination.

Indirect environmental aspects

Those aspects that occur as a consequence of activities, products or services that may have significant environmental impacts and over which the organisation does not have full management control.

Due to the variety of products sold and, therefore, the diversity of providers with different production processes, it is very difficult to identify all environmental aspects of this kind.

To have an impact on the **environmental performance of these providers**, we evaluate them annually on the basis of environmental criteria, along with other quality and health and safety criteria, informing each of them of our



ENVIRONMENTAL ASPECTS

Environmental Policy and **Occupational Health and Safety Policy**, our **Environmental Targets** and the **environmental requirements** that they must respect, as well as the **Ethical Code of Conduct** with which they must comply.

We believe that sustainable development is an approach to maintaining economic growth, minimising the harm to the planet, without depleting its resources, while improving the quality of life of the current and future population.

We also believe that sustainability significantly contributes to the success of any enterprise and it will safeguard its future development.

Therefore, we request that our providers and subcontractors share these principles, which comprise an important factor taken into consideration when selecting and evaluating providers.



ENVIRONMENTAL MANAGEMENT PROGRAMME

Every year, ESCOFET 1886 S.A. establishes **Improvement Targets and management programmes** associated with the fulfilment of these targets. Environmental aspects are always considered within these targets.

In order to set and review these environmental targets, we take into account:

- Legal requirements and legislative trends.
- Significant environmental aspects.
- Environmental risks.
- Nonconformities.
- Audit results.

For each of the targets, an indicator is established that enables us to assess the degree to which the target is fulfilled. On that basis, the **Environmental Committee** can establish a system for monitoring compliance.

In 2020, the **10% reduction in the generation of defective parts waste with respect to production** compared to the previous year was set as an Environmental Target. This target was met and, by the end of the year, a **70% reduction** in the indicator for the previous year had been achieved.




ENVIRONMENTAL PERFORMANCE

Segregating and minimising waste, and the efficient and sustainable use of natural resources are environmental priorities for ESCOFET 1886, S.A.

Origin of electricity supply

All the energy consumed from 1 June 2017 both in offices and the production facilities of ESCOFET 1886 S.A. comes from **100% renewable sources**, in accordance with the annual classification carried out by the CNMC (Spanish National Commission on Markets and Competition).



GUARANTEE OF ELECTRICITY ORIGIN CERTIFICATE




Eduard Quintana Fàbrega, with ID card number **40461779T** as head of the Electric Market at **Som Energia SCCL** cooperative, with VAT F55091367, electricity retailer with registration number R2-415,

CERTIFY that,

The energy supply point indicated below, currently has an electricity contract with **Som Energia** as a retailer since the beginning of the registration date. The origin of the supplied energy is 100% renewable, according to the annual classification procedure carried out by the CNMC.

CUPS	ES0031408015802001JL0F
Contract holder	Escofet 1886 S.A
Registration date with Som Energia	01/06/2017
Address	C/MONTSERRAT 162 (Martorell)

Som Energia SCCL is classified as a Class A retailer according to Commission National Market and Competition report (<http://gdo.cnmc.es>).

Mix Som Energia SCCL	Emisiones de dióxido de carbono Som Energia SCCL	Residuos radioactivos de Alta Actividad Som Energia SCCL
		
	Mix de dióxido de carbono	Mix de residuos radioactivos
	Contenido de carbono Kilogramo de dióxido de carbono por kWh	Residuos radioactivos Miligramos por kWh
	0,80	0,00

And for the record, I sign in **Girona** on **October 7, 2020**.

SOM ENERGIA, S.C.C.L.
C/ Montserrat 162, 1º
Esc. B, planta 1, Puerta 16
08005 - GIRONA



ENVIRONMENTAL PERFORMANCE

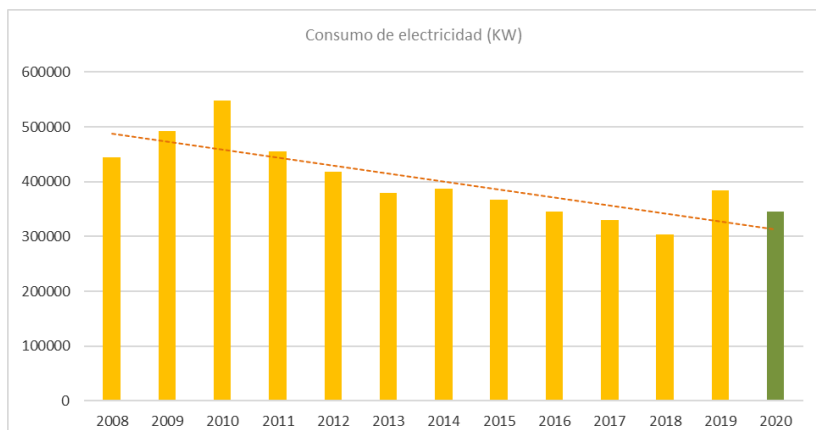
Energy consumption

As a result of the actions taken with a view to improving the energy efficiency of our facilities, we have noted a reduction in electricity consumption since 2010.

The main initiatives implemented in order to achieve this reduction in electricity consumption have been:

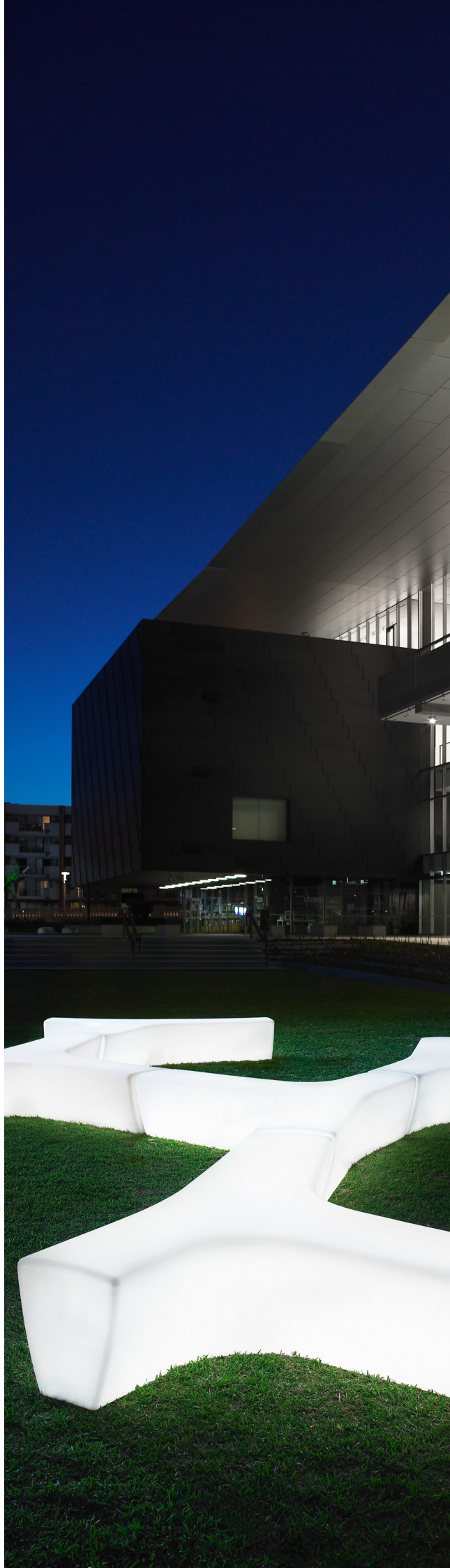
- Gradual replacement of discharge lighting with LED technology.
- Implementation of automatic on/off systems.

In terms of total consumption in 2020, **we reduced our energy consumption by 10%** compared with 2019 (384,735 kW), with consumption in 2020 standing at 345,997 kW.



We are tending towards a decrease in total consumption, with a slight break in the decline in 2019, when we saw a 52% increase in production compared to 2018, which affected the total electricity consumption.

In terms of **efficiency in the use of electricity** based on production levels, we produce 0.79 m3 of concrete per kW consumed in the entire Martorell production centre.



ENVIRONMENTAL PERFORMANCE

Water consumption

ESCOFET 1886, S.A. has a water purification and recirculation system in place within its production system. This allows us to recirculate an average of 42% of the total water consumed from the distribution network over the last 3 years. This includes part of the rainwater from the roofs of the industrial units that is channelled into the production system.

Waste generation

All waste generated at our plant is managed in accordance with the law by waste managers and carriers authorised by the Environment Ministry of the Generalitat de Catalunya.

We are registered with the Catalan Waste Agency under **Producer Code: P-05288.1**.

The amount of the main waste generated during 2020 was as follows:

Waste	Amount generated	Units
Rubble	517	Tn
Defective parts	268	Tn
Containers	242	Units
Oil	0	L
Common waste	13.3	Tn
Wood	42.5	Tn
Acid sludge pools	0	m3
Scrap	21.2	Tn
Paper	3.3	Tn
Cardboard	1.6	Tn
Plastic	1.46	Tn
Used rags and absorbents	0.24	Tn
Aerosols	20	Kg
Silicone	200	Units
Electrical scrap	0.91	Tn
Toner	14	Kg



ENVIRONMENTAL PERFORMANCE

For the last two years, the environmental policy with regard to waste has been focused on minimising and recovery. To date, the following waste is recycled or recovered:

- Paper
- Cardboard
- Plastic
- Scrap
- Wood
- Toner
- Rags

Waste water

ESCOFET 1886, S.A. has a system for purifying its waste water, which consists of:

- Physico-chemical treatment plant for process waters.
- Mixer + Press Filter.
- 2 biological treatment plants for sanitary waters.

The outflow of process waters is controlled by a Parshall Flume and a volume indicator that enables us to see the m3 of water discharged.

ESCOFET 1886, S.A. has a discharge licence granted by the **Catalan Water Agency (Generalitat de Catalunya)** and it undertakes the analyses and reports required by this permit.

The discharge of waste waters is conducted directly at the **waste water treatment plant of Martorell City Council**.



ENVIRONMENTAL PERFORMANCE

Acid sludge

As part of the targets to reduce the generation of special waste, in 2008, a rinsing system was introduced into the parts finishing process, in order to increase the useful life of the pickling acid and to reduce water consumption when parts are washed.

This system has made it possible to reduce the generation of this waste acid sludge since 2008, switching from disposing of it every 2 years to now every 3 years.

This waste acid is managed with **managers and carriers authorised by the ARC (Catalan Waste Agency)** and in accordance with the treatment procedures stipulated in its Acceptance Form.

Emissions

In order to reduce dust emissions into the atmosphere, filters have been installed in the silos, eliminating emissions during cement and marble dust discharge operations and allowing the material left in these filters to be recycled.

ESCOFET 1886, S.A. has no localised sources of continuous emissions of pollutants into the atmosphere, greenhouse gas or CO₂.



CONTACT DETAILS

Company name:	ESCOFET 1886 S.A
Contact person:	Ramón Muntadas
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Tax ID number:	A08042764
Address:	C/ Montserrat 162
Town/city:	Martorell 08760
Telephone:	937 737 150
General company email:	info@escofet.com
Company website	www.escofet.com

Upon request, ESCOFET 1886 S.A. can provide information on its environmental performance to interested parties. To request this information, please send an email to rmuntadas@escofet.com stating the environmental data you would like to receive and the reason. We will try to respond as quickly as possible.

