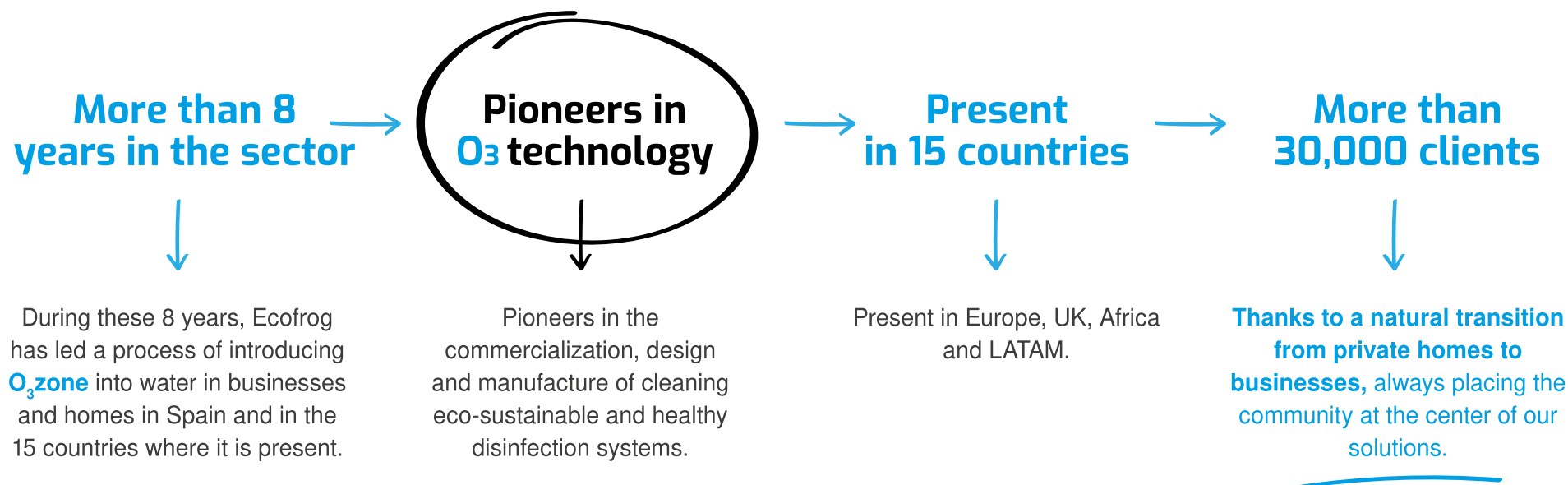




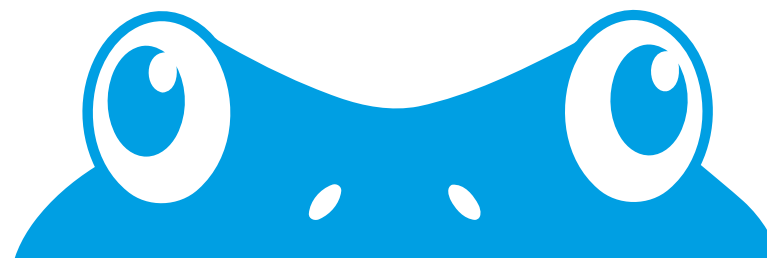
For a better tomorrow

Ecofrog project



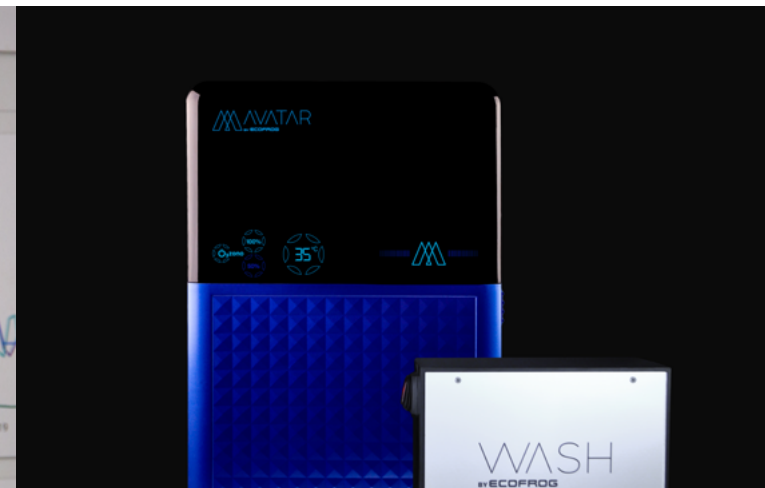
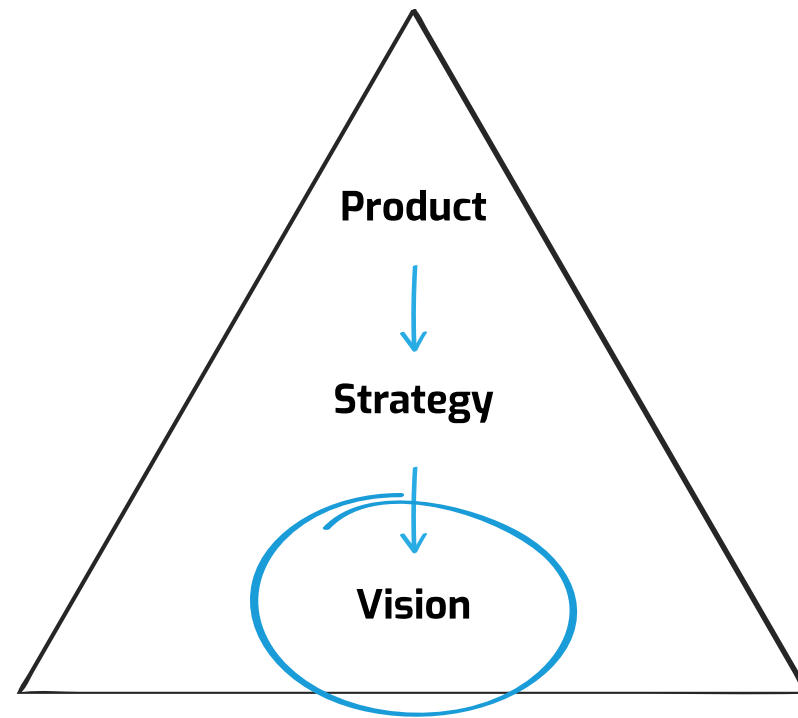
Our objective

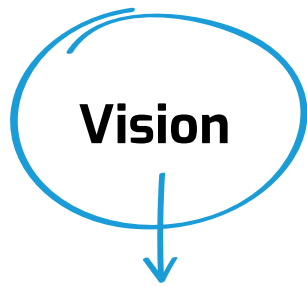
To lead a process of **innovation and global development of the O₃zone solutions** and contribute to achieve more cost-efficiency, eco-friendly, and healthy habits.



What is our mission?

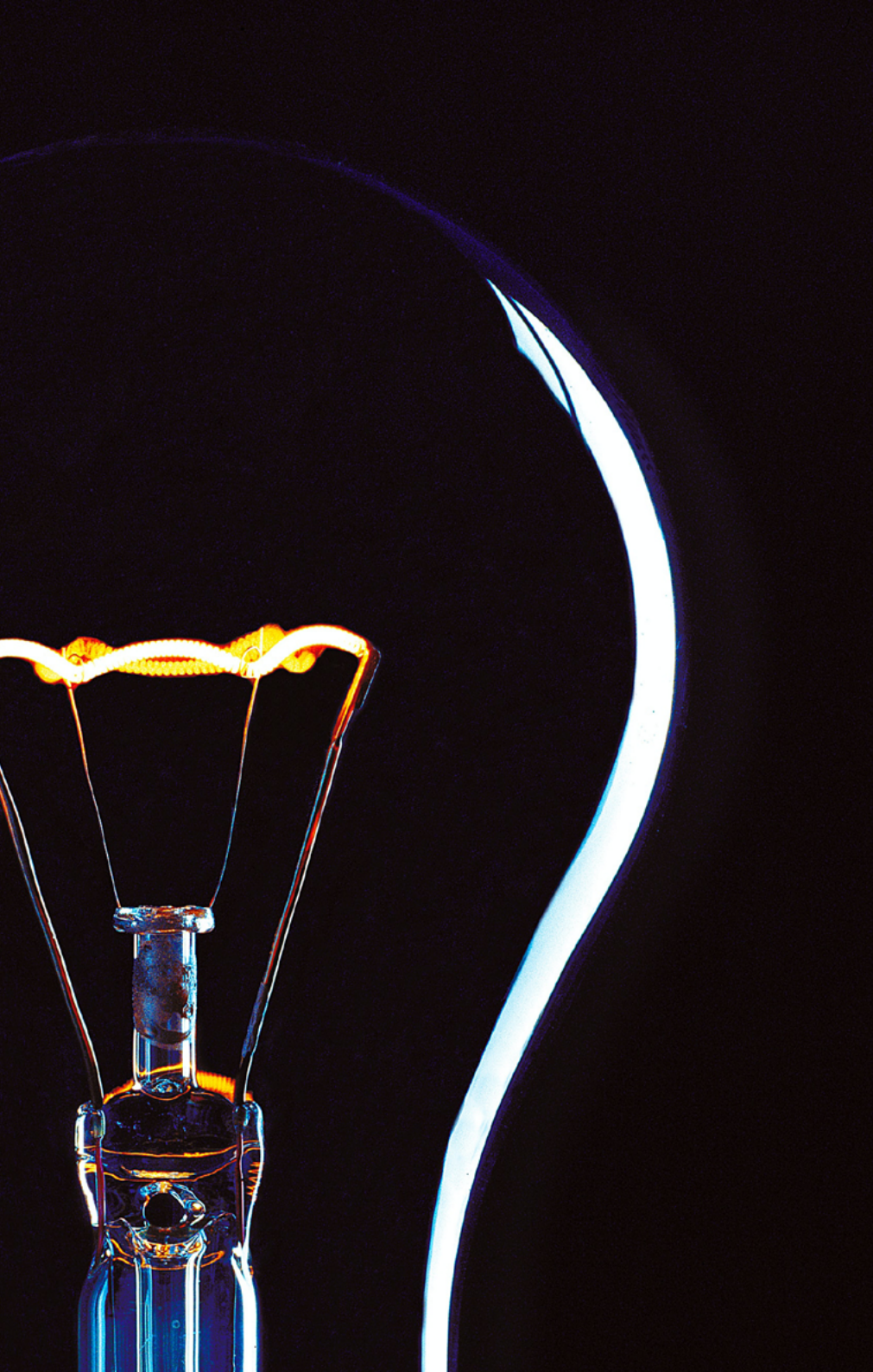
1. Vision
2. Strategy
3. Product



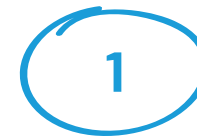


- + Lead the ozone market.
- + Change in the way of cleaning and disinfecting.
- + Take care of the environment.
- + Target audience: HORECA.





Strategy



- + Product monopoly
- + Product differentiation
- + Entry barrier
- + R+D+I Department



Strategy



2

+ EUOTA Process (licenses)

O₃ Technology

Ozone (O₃) is a substance whose molecule is composed of **three oxygen atoms, formed when the two atoms that make up oxygen gas dissociate**. Each released oxygen atom binds to another gaseous oxygen molecule (O₂), forming ozone molecules (O₃).

Through **O₃zone**, the exclusive Ecofrog cleaning systems not only take care of the environment and protect their users, but, as a central objective, they clean, degrease and disinfect. This is supported by the records obtained by ozone:



FDA approved

As an antimicrobial agent in the treatment, storage, and processing of foods, including meat and poultry. Recognized as a Good Manufacturing Process for sanitizing bottled water.



USDA Organic Approved

The USDA National Organic Program as an antimicrobial agent and food sanitizer.



USDA approved

In agriculture as a microbial agent for food and a contact disinfectant on surfaces in direct contact with food.





EPA approved

As a highly effective antimicrobial, disinfectant and sanitizer.



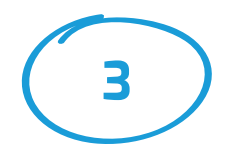
Estimated date for the approval of the active principle of ozone generated from oxygen as a biocide, by the ECHA Biocidal Products Committee (BPC): meeting of September 26-29, 2022.

months  + NEW

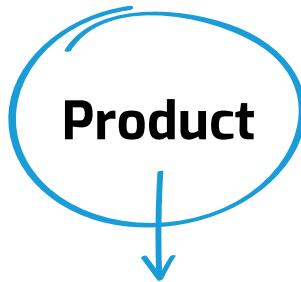
Total impressions	Average CTR
17.6K 	1.3% 



Strategy



+ Positioning: Branding and Marketing



More applications than ever
at your fingertips.



What do Ecofrog products offer
compared to the competition?





AVATAR
BY ECOFROG

WASH
BY ECOFROG



ECOFROG
Commercial Purifier



ELEKTRA
BY ECOFROG



AVATAR
BY ECOFROG



The power of Avatar's O₃zonized water

The biocidal action of ozonized water generated by Avatar eliminates all viruses, fungi and bacteria ⁽¹⁾ from any material and surface. In addition, it does not store water, which means that the system generates ozone in situ, and this avoids a second contamination due to storage.

Avatar features the following main functions:

- > Viricide, bactericide, fungicide, antiseptic and disinfectant.
- > Degreasing and deodorizing.
- > Decontaminates and purifies. Cleans and smooths. Save energy and protect the environment. Consume intelligently and reduced.

⁽¹⁾ Standard accreditation UNE-EN 13697:2015 + A1:2020 (bactericide, fungicide) and UNE-EN 14476:2019 + A2 (viricide)
Bactericidal activity test No. 492324 carried out in the laboratory by ACONSA at a maximum water temperature of 35°C



Welcome to (R)evolutiO₃n

Avatar is the only ozonized water system that can be connected to:

- > Washing machines.
- > Industrial dishwashers.

Ecofrog, through the Avatar system, is a pioneer in the development of ozone technology applied to industrial dishwashers, which has also been patented.

Due to the stability of the ozone generated by Avatar and its complete applicability in industrial kitchens, **it is the only cleaning and disinfection system capable of covering all the needs of the HORECA channel.**

Shake hands with the future





Ecological

Avatar eliminates the use of chemicals and its use avoids polluting spills.



Eco-friendly

Avatar contributes to the reduction of single-use plastic containers.



Logistic

Save time and space in your business and at home thanks to Avatar.



Healthy

The elimination of chemicals and detergents helps to minimize occupational risks in addition to **no toxicity in the air.**



Cost-efficient

Avatar reduces the use of chemicals in your business between 80%-90% and practically eliminates them in your home.

UNE ACCREDITATIONS by Laboratorio Inoqua

Laboratory accredited by ENAC, in accordance with the UNE-EN ISO/IEC 17025 standard and collaborating entity of the Hydraulic Administration.

UNE-EN 13697:2015 + A1:2020 - Quantitative non-porous surface test for the evaluation of the bactericidal and/or fungicidal activity of chemical disinfectants used in food products, in industry, at home and in the community.

- Complies with the UNE-EN 13697:2015 + A1:2020 (BACTERICIDE) standard
- Complies with the UNE-EN 13697:2015 + A1:2020 (FUNGICIDE) standard

UNE-EN 14476:2019 + A2 - Quantitative viricidal suspension test for chemical antiseptics and disinfectants used in medicine.

- Complies with the UNE-EN 14476: 2019 + A2 (VIRICIDA) standard

EFFECTIVENESS:

- Coronavirus 100%; Influenza A (H7N9) 100%; ECBO viruses 100%; rotavirus 100%; 100% virus vaccine; Polyoma virus SV 40 100%; Bacteriophages for Lactobacillus 95%; Poliovirus 95%; Adenoviruses 100%; Norovirus 100%; Hepatitis B(HBV) 100%; Human papilloma virus (HPV) 100%

INDUSTRIAL LAB R. REIG, S.L.

ISO 9001:2015 certification

100% proven antiviral activity, including Mengovirus, which is a virus from the Picornaviridae family, the same one to which the SARS-CoV-2 coronavirus, which causes the COVID-19 disease, belongs.

ACONSA: Asesoría y Consultoría Sanitaria, S.L.

ISO 9001:2015 certification
ENAC ISO 17025 accreditation

Bactericidal activity test no. 492324
Proven disinfection on 99.9% of bacteria.

Bactericidal Activity Assay No. 506896
Ozone effectiveness at 5h of production in a closed container.

Ozone measurement test in air nº 497361
No special protective measures are required.



WASH
BY ECOFROG

WASH

BY ECOFROG

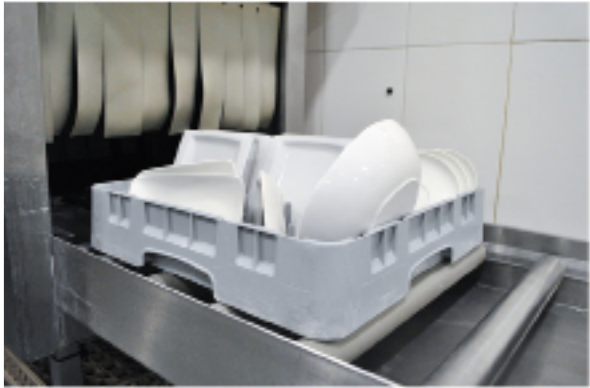
With the **WASH by Ecofrog** plug-in, you can use **Avatar** not only to clean and disinfect your business surfaces, but you can also connect it to industrial dishwasher systems without using detergents.



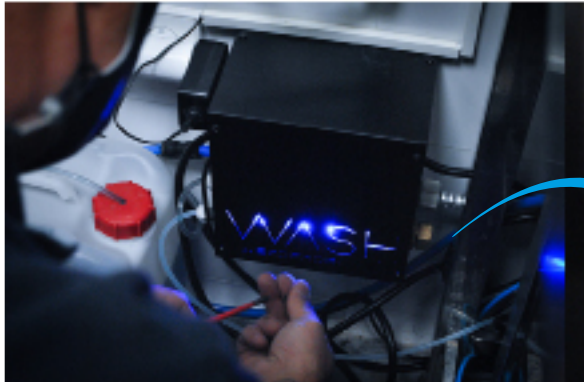
What is the added value of using WASH by Ecofrog together with O₃zonebrill?

- > Thanks to the power of ozone, it cleans and degreases without using detergents.
The rinse temperature completes the disinfection process.
- > Optimum washing temperature from 30°C to 40°C.
- > Economic savings by not needing to buy soap and working at low temperatures.
- > High degreasing power.
- > Reduces the handling of chemicals and occupational hazards.
- > Saving of storage spaces.
- > More environmentally friendly system.

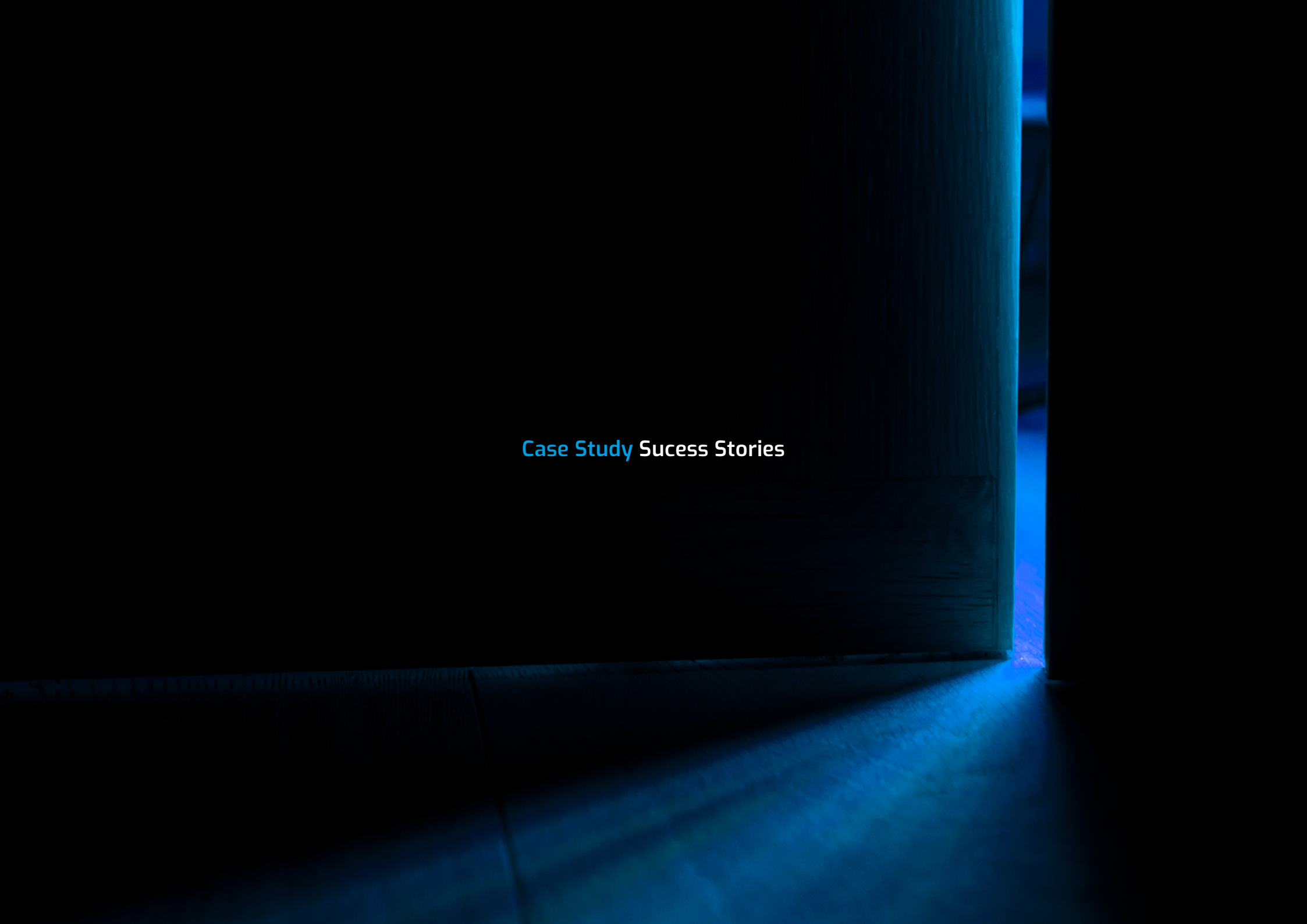




Installation of Avatar and Wash in the "Restaurant l'Olivera del Grup Peralada".



Installation of Avatar and Wash in the "Restaurant MontRubí".



Case Study Success Stories

Cocina Hermanos Torres

Cocina Hermanos Torres is committed to sustainability in its restaurant as one of its values and begins to work with Avatar, to clean and disinfect all surfaces and Wash, for soap-free use of the industrial dishwasher.



ABaC Restaurant

Chef Jordi Cruz, owner of the great restaurant awarded 3*** in the Michelin Guide, ABAC, has joined us in using our Ecofrog system. A way to contribute to the environment and put an end to multiple single-use plastic containers for cleaning products. ABAC is committed to the values of EcoFrog while guaranteeing quality cleaning and disinfection in its restaurant.





Grup Peralada

We are pleased to announce that Grup Peralada decided to install our Avatar in March 2021 in the kitchens of Casino Peralada, El Grill Restaurant and on the Hotel Peralada golf course. A place with as much charm and as much history as the Peralada Castle and its surroundings. Grupo Peralada thus demonstrates that it shares the values of sustainability and respect for the environment.



Arsenal Barcelona Gym

At Arsenal they clean and disinfect all the gym facilities with By EcoFrog systems. They were installed during the pandemic to guarantee safety and quality in disinfection in order to reopen after the harsh consequences of covid-19 in gyms.



Credit Agricole Bank

We want to congratulate Groupe Crédit Agricole for the installation of our Avatar system in Madrid. With this installation they add another step to their social and sustainable project.

Thanks to Ecofluvia, our distributors in Madrid, for making it possible.





ECOFROG
Commercial Purifier

outlet / inlet

ECOFROG
Commercial Purifier



Investment



Savings



Eco-friendly



Healthy



Convenient

Model:	EcoFrog Commercial Purifier
Inlet / Power consumption:	AC 100 - 240 V/50 - 60 Hz
Outlet / Electrical power:	DC 12 V 4 A 48 W
Inlet/machine power:	DC 12 V 48 W
Ozone concentration:	0,6 - 1,2 mg/L
Minimum water pressure:	3,5 bar - 50 psi (70% yield)
Optimum water pressure:	5,5 bar - 80 psi (100% yield)
Maximum water pressure:	7 bar - 100 psi
Water flow:	7,5L / min - 20 L / min
Operating temperature:	5°C - 40°C *
Product dimensions:	66 cm x 45 cm x 14,6 cm
Net weight:	7,25 kg

* For cleaning and disinfection of surfaces, the optimum effective temperature is 35°C.



Before



After





ECOFROG
Commercial Purifier

Auto Control Panel

00°C 00:00

Disinfect

output / inlet



ELEKTRA
BY ECOFROG

Model:	Elektra by Ecofrog
Input:	AC 100 - 240V/50 - 60 Hz
Output / Electrical power:	DC 12V 1A
Electricity consumption:	12W/h
Water flow:	2.5l/min - 5l/min
Maximum effectiveness of O₃ zone in water:	1 hour in an open container ⁽¹⁾ 3 hours in a closed container ⁽¹⁾
Optimal water pressure range:	14,5 psi / 1 bar
Maximum water pressure allowed:	50.8 psi / 3,5 bar
Operating temperature:	Water 5~30°C
O₃ zone concentration:	0.5 - 1.2mg/l
Product dimensions:	37 x 28 x 9cm
Net weight:	1.9kg

⁽¹⁾ Bactericidal activity assay Ozone n° 509588 carried out in the laboratory by ACONSA.





More applications than ever available for **domestic use**.

- + Laundry connecting Elektra to the domestic **washing machine**.
- + Cleaning and disinfection of all types of surfaces: **floors, walls, windows and furniture of any material** and in any room, together with washbasins, tiles, joints and shower screens.
- + **Cleaning and disinfection** of extractor hoods, ovens, inside refrigerators, kitchen sinks, worktops, cookers, fryers and any type of household appliances.
- + Cleaning and disinfection of any type of room or surface, which was previously cleaned using chemical products.

Thank you very much for your attention.

ECOFROG FACTORY



[ecofrog.es](https://www.ecofrog.es)



[@ecofrog](https://www.linkedin.com/company/ecofrog)



[@ecofrog.official](https://www.instagram.com/ecofrog.official)