

An aerial photograph of a dense forest with a central pond. The forest is composed of various shades of green, brown, and purple, suggesting different tree species or seasonal changes. The pond is dark and has some ripples on its surface. The text is overlaid on the image.

CORPORATE ENVIRONMENTAL PROGRAM

2023-2026

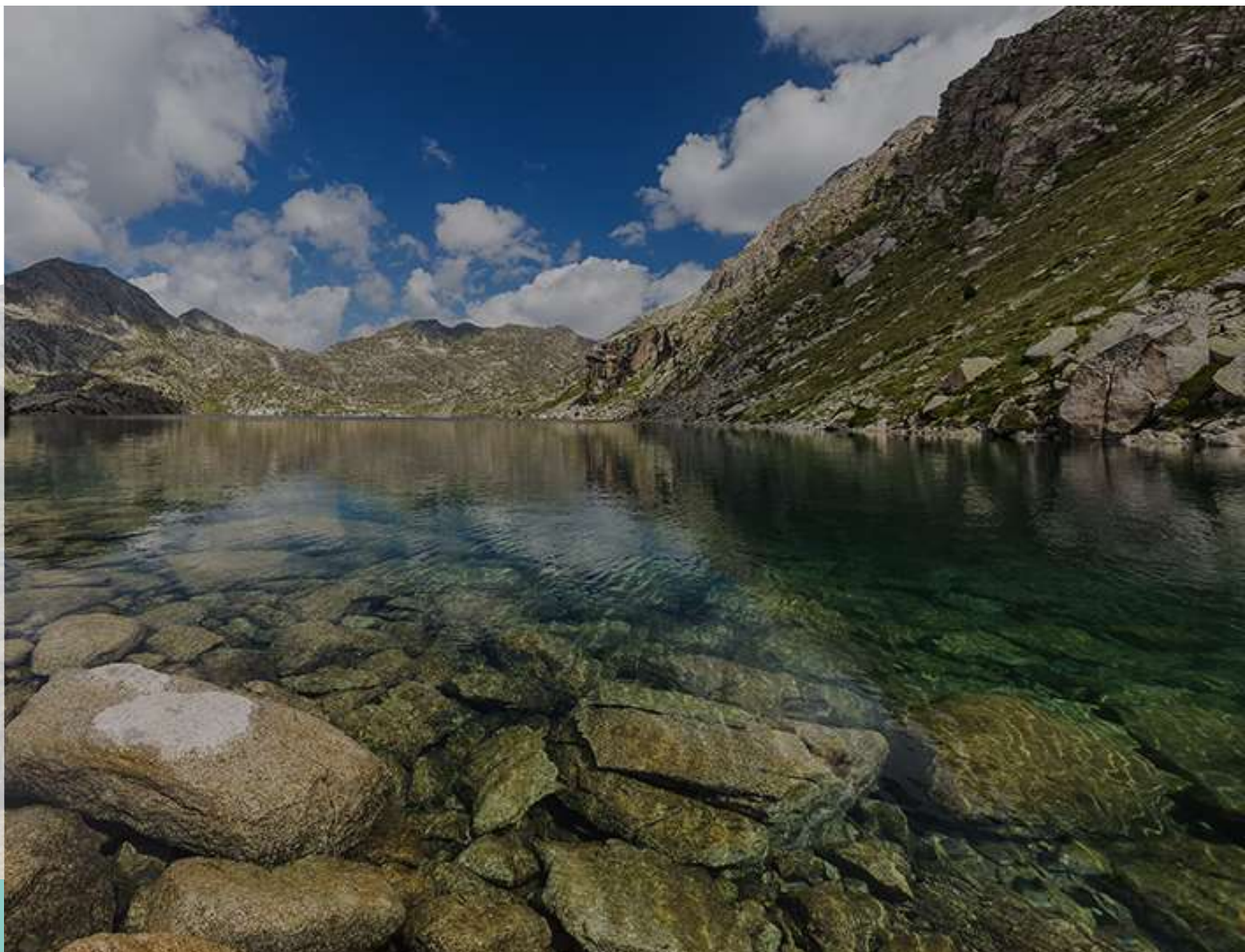
GRIFOLS



CLIMATE CHANGE

ENVIRONMENTAL PROGRAM

Our commitment to the
Environment 2023-2026





CLIMATE CHANGE

REDUCE CO₂e EMISSIONS BY 60,000 TONS PER YEAR THROUGH INCREASED RENEWABLE ENERGY PRODUCTION AND ECO-EFFICIENCY MEASURES

RENEWABLE ENERGY

Objective	Company	Business Unit
Sign PPA (Power Purchasing Agreement) agreements for the purchase of 169,000 MWh per year of renewable electricity in Spain and the USA. Reduction of more than 56,960 metric tons of CO ₂ e per year.	Grifols SA Grifols Shared Srv NA Inc	Biopharma Diagnostic
Execute on-site renewable energy generation projects with a total capacity of 500 kW. Reduction of 132 metric tons of CO ₂ e per year.	Laboratorios Grifols SA Biotest AG	Others. Murcia (Spain) Biopharma. Dreieich (Germany)



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INCREASE IN ENERGY EFFICIENCY

Objective	Company	Business Unit
<p>Apply artificial intelligence measures in chilled water control systems.</p> <p>Electricity savings of 4,170 MWh/year. Reduction of more than 1,333 metric tons of CO₂e per year.</p>	Instituto Grifols SA Grifols Therapeutics LLC	Biopharma. Barcelona (Spain) Clayton (USA)
<p>Implement actions to reduce the consumption of heat energy for the generation of hot water in production.</p> <p>Savings of 3,300 MWh/year in heat energy. Reduction of more than 598 metric tons of CO₂e per year.</p>	Grifols Worldwide Op Ltd Grifols Therapeutics LLC Biotest AG	Biopharma Dublín (Ireland) Clayton (USA) Dreieich (Germany)
<p>Improve energy efficiency in industrial refrigeration systems by centralizing the glycol generation circuits at -20°C and 0°C.</p> <p>Savings of more than 3,500 MWh/year in electrical energy. Reduction of more than 525 metric tons of CO₂e per year.</p>	Instituto Grifols SA Grifols Engineering SA	Biopharma. Barcelona (Spain).
<p>Implement energy efficiency measures in cooling towers.</p> <p>Electrical energy savings of 990 MWh/year. Reduction of 149 metric tons of CO₂e per year.</p>	Grifols SA Laboratorios Grifols SA	Biopharma. Barcelona (Spain). Others Barcelona (Spain).



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REDUCE CO₂e EMISSIONS BY 60,000 TONS PER YEAR THROUGH INCREASED RENEWABLE ENERGY PRODUCTION AND ECO-EFFICIENCY MEASURES

Objective	Company	Business Unit
<p>Apply energy optimization measures in Diagnostic's facilities in Barcelona (Spain): buildings, water treatment circuits for injection and air treatment systems in production areas.</p> <p>Electrical energy savings of more than 600 MWh/year. Reduction of 95 metric tons of CO₂e per year.</p>	Diagnostic Grifols SA Grifols International SA	Diagnostic. Barcelona (Spain).
<p>Recovery of biomethane generated in the new treatment plant for use as fuel in the steam boilers.</p> <p>Electricity savings of 450 MWh/year. Reduction of 80 metric tons of CO₂e per year.</p>	Instituto Grifols SA	Biopharma. Barcelona (Spain).
<p>Apply energy optimization measures in -30°C plasma storage facilities.</p> <p>Electrical energy savings of more than 120 MWh/year. Reduction of 33 metric tons of CO₂e per year.</p>	Biomat USA Inc Biomat España SA Grifols Worldwide Op Ltd Grifols Movaco SA	Plasma Procurement. USA. Biopharma. Barcelona (Spain). Madrid (Spain) Dublín (Ireland)
<p>Changes in the machines for forming plastic bags for intravenous solutions to reduce their electricity consumption.</p> <p>Electrical energy savings of 180 MWh/year. Reduction of 26 metric tons of CO₂e per year.</p>	Laboratorios Grifols SA	Others. Murcia (Spain).



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Objective	Company	Business Unit
Implementation of energy saving measures related to the installation of LED technology, sunscreens on windows and renovation of cold room technology. Electricity savings of 74 MWh/year. Reduction of 25 metric tons of CO ₂ e per year.	Haema AG	Plasma Procurement. Germany
Implement energy saving measures consisting of installing LED lighting. Reduction of 18 metric tons of CO ₂ e per year.	Grifols Italia SpA	Grifols subsidiary in Vicopisano (Italy)
Progressive replacement of electric motors with more efficient ones. Savings of 0,1 MWh/year in electrical energy. Reduction of 0.02 metric tons of CO ₂ e per year.	Laboratorios Grifols SA	Others. Murcia (Spain)



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Objective	Company	Business Unit
Carry out energy efficiency audits.	Grifols SA G Canada Therapeutics Diagnostic Grifols SA Biotest AG Medion Grifols Diagn AG Haema AG	Biopharma. Canada Switzerland Germany Diagnostic. Spain Plasma Procurement. Germany.
Reduce CO ₂ e emissions caused by leaking refrigerant gases by replacing them with refrigerants with a lower Global Warming Potential (GWP).	Biomat SA Instituto Grifols SA Grifols Therapeutics LLC Haema AG Grifols Worldwide Op Ltd Grifols Italia SpA	Plasma Procurement. Dreieich (Germany) Biopharma. Barcelona (Spain) Clayton (USA) Dublín (Ireland) Grifols subsidiary in Italy
Achievement of LEED certification for new buildings. Reduction of 149 metric tons of CO ₂ e per year.	G Canada Therapeutics	Biopharma Canada



CLIMATE CHANGE

DECARBONISATION OF COMPANY TRAVEL, EMPLOYEE TRANSPORT AND WASTE TRANSPORT.

Objective	Company	Business Unit
Maintain or increase, where possible, telecommuting at all Grifols facilities where feasible.	All	All
Maintain, or where possible, increase the use of videoconferencing by reducing air travel.	All	All
Reduce the tonnes of CO ₂ emitted per km of the leasing car fleet by applying environmental criteria in the contract.	All	All
Reduce emissions from supply chain transport through agreements with operators.	All	All
Reduce the number of waste removals by optimising storage. Reduction of 1.2 metric tonnes of CO ₂ e per year.	Grifols Therapeutics LLC	Biopharma. Clayton (USA)



CIRCULAR ECONOMY

ENVIRONMENTAL PROGRAM

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CIRCULAR ECONOMY

REDUCE WATER CONSUMPTION BY MORE THAN 85,000 m³ PER YEAR

Objective	Company	Business Unit
Reduce water consumption for services. Reduction of more than 46,000 m ³ per year	Instituto Grifols SA Laboratorios Grifols SA	Biopharma. Others. Barcelona (Spain).
Reduce water rejection generated in the treatment of water for production purposes. Reduction of more than 39,000 m ³ per year	Instituto Grifols SA	Biopharma. Barcelona (Spain).

REDUCE WASTEWATER DISCHARGE PARAMETERS

Objective	Company	Business Unit
Reduce chemical oxygen demand (COD) discharged to wastewater by 240mg/l by treating more effluent with high organic load in the biological treatment plant. Reduction of 123 tonnes per year	Instituto Grifols SA Grifols Engineering SA	Biopharma. Barcelona (Spain).

MAINTAIN 'ZERO WASTE TO LANDFILL' CERTIFICATION

Objective	Company	Business Unit
Maintain 'Zero Waste To Landfill' Certification	Grifols Therapeutics LLC	Biopharma. Clayton (USA).



CIRCULAR ECONOMY

REDUCE THE AMOUNT OF WASTE GENERATED BY 1,800 TONNES PER YEAR

Objective	Company	Business Unit
Reduce waste generation by installing an ethanol distillation tower. Reduction of 1,785 metric tonnes per year.	Biotest AG	Biopharma. Dreieich (Germany).
Reduce the amount of plastic waste generated in waste and raw material conditioning. Reduction of 75 metric tonnes per year.	Instituto Grifols SA Grifols SA Biomat SA	Biopharma. Barcelona (Spain).
Reduce the amount of cardboard waste generated in plasma storage and reagent conditioning. Reduction of 5 metric tonnes per year.	Biomat SA	Biopharma. Barcelona (Spain).
Reduction in the generation of cafeteria packaging. Reduction of 2 metric tonnes per year.	Grifols SA	Biopharma. Barcelona (Spain).

INCREASE CONSUMPTION OF RECYCLED MATERIAL.

Objective	Company	Business Unit
Implement the use of recycled cardboard in material packaging.	Diagnostic Grifols SA	Diagnostic. Barcelona (Spain).



BIODIVERSITY

ENVIRONMENTAL PROGRAM

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BIODIVERSITY

DEVELOP BIODIVERSITY PROTECTION PROGRAMS IN THE NATURAL AREAS OF OUR PROPERTY AND OTHER AREAS OF INFLUENCE.

Objective	Company	Business Unit
Protect the biodiversity of the natural area included in the Grifols property by maintaining the Wildlife Habitat Council (WHC) certification.	Grifols Therapeutics LLC	Biopharma. Clayton (USA).
Protect the biodiversity of our areas of influence, through collaboration with external entities: - Fundació Rivus dedicated to the recovery and conservation of river systems and their heritage. - Associació Sèlvans for the protection of a century-old forest of recognised ecological value.	Grifols SA	Biopharma. Barcelona (Spain).

A photograph of a modern building with curved glass facades and a landscaped garden. The building is on the right side of the image, featuring multiple levels of curved glass windows and a wooden deck in front. The garden on the left includes a pond with a stone wall, various green plants, and a large tree. The sky is blue with scattered white clouds. A white rectangular box is in the top left corner, and a white rectangular box containing the text 'GRIFOLS' is in the bottom left corner.

GRIFOLS