



GENERAL DOSSIER

globalfactor

www.globalfactor.com

20 years of
globalfactor

GLOBAL FACTOR

Global Factor is an **international group**, specialised in **providing original, innovative, and global solutions** in areas such as **climate change, energy, sustainability** and **trading** in the different **environmental markets**.

At Global Factor, we firmly believe that **climate neutrality and resilience** can be achieved by transforming ideas into actions that accompany the **energy and climate transition** to ensure a more prosperous, **sustainable, and fair world**.

2024 marks **our 20th anniversary**. Over the past two decades, we have grown, learned, celebrated, and innovated. We are ready to take on new challenges and continue to build a more resilient future.

Our core value is people. Our **interdisciplinary team** works for public and private agents, international organisations, and non-profit entities.

Our **work method** is based on **offering specialised knowledge with a profound vision of the client through a global approach**. To do this, we have an **extensive international network of offices and team members** which continues to grow! Our own career path and experiences are based on **constant innovation**. This helps us to guide our services, combining **academic knowledge, technology**, and **practical experience**.

The Global Factor Team



Our mission is to protect the planet and current and future generations by providing comprehensive, rigorous, and effective solutions to climate change, energy, and sustainability that enable human activity to develop in harmony with ecosystems.

WE ARE GLOBAL FACTOR

Consulting

Global Factor offers its services to **governments, multilateral organisations, and private companies** on **net-zero, corporate sustainability, environmental markets, and public policy**. Our approach focuses on working with them to **reduce their environmental impact** and meet **sustainability** standards, promoting initiatives that create positive change.

Trading

We are leaders in **information** and **structuring operations** focused on our clients' needs. We provide **information, knowledge, and access to the carbon allowances market, guarantees of origin, and voluntary carbon markets**.

Offcarbon

A spin-off focused on the **origin of credits that can be traded on voluntary carbon markets**. Our aim is to provide finance and technical knowledge to project developers with a **high climate impact**.

MORE THAN
150 employees at Global
Factor Group

IN MORE THAN
50 countries

MORE THAN
900 clients (public and
private) in consultancy

OUR TRADING TEAM WORKS WITH MORE THAN
2,000 counterparties

MORE THAN
121 MILLION
people impacted through
our projects

MORE THAN
2,700
projects since 2004



 **COUNTRIES WHERE
WE HAVE WORKED**

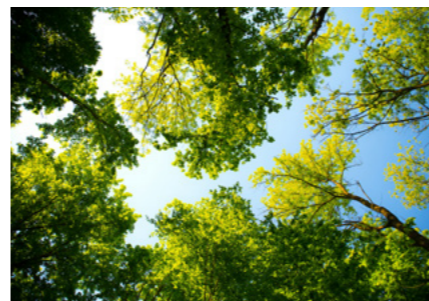
 **DELEGATIONS
AND PARTNERS**

 **OFFICES**



The Global Compact:

Signatory of the Global Compact, upholding the 10 Principles to promote corporate social responsibility (CSR).



EMAS:

Accredited with the European Union's EMAS certification for its advanced Environmental Management System.



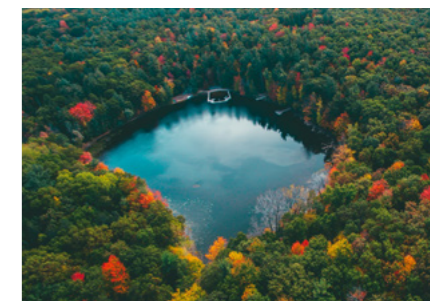
Stamp I calculate and I reduce:

Registered on the registry of carbon footprint, compensation, and CO₂ absorption projects of the Spanish Ministry for Ecological Transition (MITECO).



ISO 9001 / ISO 14001:

Operational working structure designed to ensure customer satisfaction, integrating the environment into the management of the company.



London Stock Exchange Group:

Selected by the London Stock Exchange Group as one of the 1000 companies that can inspire Europe.

GLOBAL SOLUTIONS CONSULTANCY

NET-ZERO

- Carbon footprints
- Decarbonisation pathways (SBTi)
- Emissions offsets
- Climate risks and opportunities

CORPORATE SUSTAINABILITY

- Sustainability and reporting (CDP and CSRD)
- Circular economy
- Sustainable finance
- Nature-based solutions (NbS)

ENVIRONMENTAL MARKETS

- Emissions trading (EU/UK ETS)
- Energy Saving Certificates

PUBLIC POLICIES

- Energy and emissions mitigation
- Adaptation to climate change
- Climate finance
- Circular economy

NET-ZERO

CARBON FOOTPRINT

- Organisational carbon footprints
- Product carbon footprints
- Value chain: scope 3
- Verification assistance
- Registration at the Spanish Climate Change Office

DECARBONISATION

- Energy audits
- Cost-benefit and cost-effectiveness analysis
- Science-based reduction targets (SBTi, Race to Zero)
- Decarbonisation strategies and roadmaps
- Decarbonisation programmes with the value chain
- Procurement of Guarantees of Origin (GOs) and I-RECs

OFFSETING

- Compensation strategies
- Neutralisation strategies
- Purchase of carbon credits
- Neutrality certifications (organisation, product, event) under PAS 2060 and ISO 14068 standards

RISKS AND OPPORTUNITIES

- Task Force on Climate-Related Financial Disclosures (TCFD)
- Analysis and prioritisation of physical and transitional risks
- Identification and analysis of climate change opportunities
- Financial impact of risks and opportunities
- Alignment with IFRS 2 and ESRS E1

CORPORATE SUSTAINABILITY

SUSTAINABILITY & REPORTING

- Dual materiality analysis
- CSRD Gap Analysis
- ESG Strategies
- ESG Reporting (ESRS, IFRS, GRI)
- Carbon Disclosure Project (CDP)
- EcoVadis
- Diversity and social impact
- Due diligence for human rights
- ESG governance

SUSTAINABLE FINANCE

- Green taxonomy
- Do no significant harm (DNSH)
- Investment portfolio analysis
- Climate, environmental and social risks associated with the portfolio
- Frameworks for sustainable bond issuance

CIRCULAR ECONOMY

- Life Cycle Assessment (LCA)
- Environmental Product Declarations (EPD)
- Environmental footprints
- Water footprints
- Circularity strategies
- Zero waste
- Eco-innovation and eco-design

NATURE-BASED SOLUTIONS

- Nature-based risks and opportunities (TNFD)
- Impact on nature and biodiversity
- Biodiversity strategies or plans
- Biodiversity and Nature Targets (SBTN)
- Carbon sinks
- No deforestation due diligence

ENVIRONMENTAL MARKETS



EMISSIONS TRADING

- Emission allowances
- Emission monitoring plans
- Methodological monitoring plans
- Activity level reports
- Management of compensatory allowances (indirect costs and electro-intensive)
- Annual reporting and verification assistance
- Biomass sustainability certification
- Carbon Border Adjustment Mechanism (CBAM)
- Regulatory impact analysis in the shipping sector (EU ETS, Fuel, EU Maritime, energy taxation)

ENERGY SAVING CERTIFICATES

- Identification and analysis of energy efficiency actions
- Design of methodologies for singular projects
- Dossier generation and Energy Saving Certificates processing
- Commercialisation of Energy Saving Certificates as a delegated subject

PUBLIC POLICIES

ENERGY AND MITIGATION

- Paris Agreement Transparency Framework (NC, NDC, BTR, BUR)
- Energy transition planning (roadmaps, strategies, action plans and SECAPs)
- Energy and GHG projections, inventories, and modelling
- Carbon budgets
- Cost-benefit and cost-effectiveness analysis
- Monitoring, reporting and verification (MRV) systems
- Climate perspective of budgets
- Renewable energy auctions
- Analysis of renewable energy potential

ADAPTATION

- Paris Agreement Transparency Framework (NC, NDC, BTR)
- Adaptation strategies and plans
- Climate projections
- Climate vulnerability and risk analysis
- Cost-benefit analysis
- Monitoring and evaluation (M&E) systems
- Integrating climate change into the Environmental Assessment procedure

CLIMATE FINANCE

- Green Climate Fund (GCF) crediting processes
- Concept notes and full proposals
- Co-financing in the private sector

CIRCULAR ECONOMY

- Circular economy strategies and plans
- Sectoral diagnoses of circularity
- Value chains and industrial symbiosis

TRADING

Global Factor is active in leading CO₂ markets

Environmental markets seek to **reduce pollution and accelerate the energy transition** in an efficient way. **Global Factor** actively participates in these markets and provides a wide range of solutions.

It provides **information, knowledge, and access** not only to the European Union (**EU ETS**) and United Kingdom (**UK ETS**) emission allowance markets, but also to both **voluntary carbon markets** and **Guarantees of Origin markets** (national and international).



EMISSIONS TRADING FOR INDUSTRIALS

- Understanding the carbon markets
- Market and regulation insights for the EU ETS and UK ETS
- Development of bespoke trading strategies
- Compliance with your environmental obligations
- MRV services



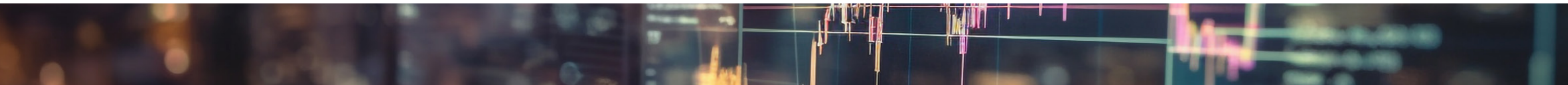
EMISSIONS TRADING FOR SHIPPING

- Liquidity and access to the carbon market
- Updates on regulatory framework
- Market entry assistance



EMISSIONS TRADING FOR AVIATION

- Tailored EUA/UKA procurement process
- Specialist knowledge and market access for CORSIA
- Understanding and trading of LABEL BAS CARBONE





VOLUNTARY CARBON MARKETS

OFFSETTING FOR CLIMATE NEUTRALITY

Leading climate change organisations have developed **net-zero strategies** so that their actions are **compatible with science-based targets**. To this end, responsible offsetting is a fundamental step.

Offset projects meet the **highest quality standards** and generate real, additional, and verifiable reductions by one of the **international or national standards**, as well as **socio-economic** and **environmental benefits** in the area where they are developed.

HOW CAN WE HELP YOU?

- **Access to national and international projects**
- **Search and selection of quality projects** aligned with the corporations
- **Create offset strategies**
- **Purchase** of assets in official registers (VERRA, GS, OECC)
- **Transfer or cancellation** of the **cancellation certificate**
- **Daily monitoring** of voluntary market **developments**
 - Initiatives (VCMI, ICVCM, SBTi)
 - Regulations (CORSA, Article 6 of the Paris Agreement)

GUARANTEES OF ORIGIN

ELECTRICITY GUARANTEES OF ORIGIN

Guarantees of Origin are **certificates** that guarantee the **production of electricity from renewable sources in Europe**. This scheme supports the traceability and sustainability of **green energy at community level, boosting the energy transition**.

IRECs

IRECs, or International Renewable Energy Certificates, are **certificates** that **verify renewable energy generation in a specific country** (active in the America, Africa, Asia and Oceania), and allow companies or consumers to demonstrate that they are using **clean energy**.

GUARANTEES OF ORIGIN FOR RENEWABLE GAS

Also known as "**Gas Sustainability Certificates**," these are documents that certify the **sustainable production and origin of gas**. These certificates ensure that the gas comes from **renewable sources or environmentally friendly production processes**, such as biomass generation or biogas capture.

ENERGY SAVING CERTIFICATES

These are the **certificates** that represent the **energy savings** obtained by an **energy efficiency measure or action**, and aim to **encourage the implementation** of these savings measures in the **different economic sectors**. **Energy companies**, on the other hand, are the **Obligated Subjects** to whom a **savings "obligation"** is finally addressed.



- Execution of purchase and sale transactions
- Knowledge of domestic and international markets
- Daily monitoring of market news
- Comprehensive support in the procedures related to GO
- Advice to minimise cost and maximise revenue
- Specific long and short term plans

offcarbon

Offcarbon is a subsidiary of the Global Factor Group, focused on the **origin of credits** that can be traded on **voluntary and regulated carbon markets**. Its objective is to provide financing and technical expertise to project developers with **high climate impact** so that they can take advantage of the opportunities offered by the international carbon markets and make their initiatives a reality. This contributes to the **sustainable development** of countries and to the **mitigation of climate change**.

Offcarbon guarantees their access to the carbon market through Project Development and **Guarantees of Origin** to obtain carbon assets that can finance their actions to mitigate climate change.

Offcarbon's objective is to become, the **top company to generate projects in the voluntary and regulated carbon markets around the world**, as well as becoming a benchmark company when it comes to **contributing to offsetting carbon emissions** working to achieve the 17 SDGs, while tackling climate change through **sustainable investments**.

OFFCARBON SPECIALIZES IN

- Analysis and identification of projects for the generation of carbon credits
- Project structuring and financing
- Climate and reputational risk assessment and mitigation
- Technical development of projects
- Monitoring plans and marketing strategy
- Support in the verification, monitoring, and issuance of the credits
- Trading of carbon credits and/or I-RECs
- Advice in green electricity and renewable energies: market mechanisms, certification standards, GOs market, etc.



R&D

At Global Factor we have an outstanding and solid track record in Research, Development and Innovation (R&D). With 15 years of experience in research and innovation, we have built up an impressive portfolio of projects worth more than **€50 million**, and have achieved successful collaborations through our extensive network of partners in a wide range of **European and international countries**. These collaborations span several key areas such as **energy, transport, and climate change**.

Today, **sustainability** is the **second most important innovation lever after digitalisation**.

That is why our team carries out **innovative proposals**, focusing on **practical solutions** and **collaborating** with different partners in the **creation of the project**.

HOW CAN WE HELP YOU?



Assistance in seeking
funding for joint projects



Experience-based project
improvement



Search for strategic
partners



Collaborative proposal
preparation



CO₂ Data Tool

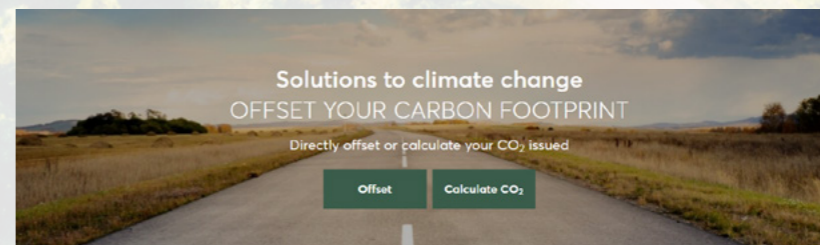


The virtual application CO₂ DATA has been **developed** by the consulting team of **Global Factor**, in order to facilitate data collection, **calculation, and management of the carbon footprint** of an organisation, a product or service, and even the celebration of an event, following the principles of the most widely accepted and **recognised international standards** (ISO 14064, PAS 2050 and GHG Protocol).

They have been developed for companies at an **international** level, as in the case of Elecnor, or at a **national** level, as in the case of Ikea Spain.

The **web platform** has an intuitive, accessible, practical, and visually attractive interface.

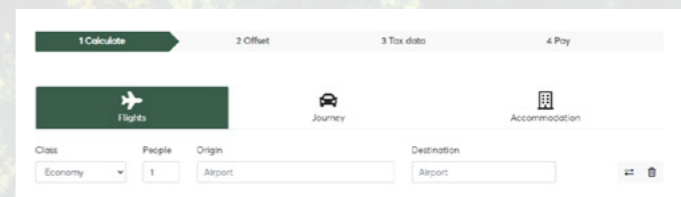
Go CO₂ Neutral Tool



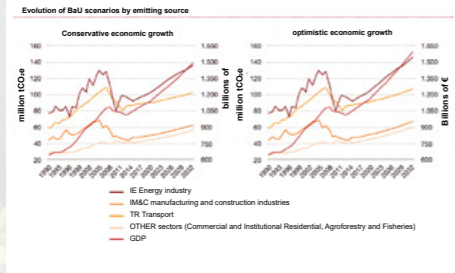
Global Factor has developed a **customer footprint calculation software** Go CO₂ Neutral.

Go CO₂ Neutral is an **online tool** that aims to **measure the carbon emissions attributed to trips and/or journeys made**. The tool performs two main functions: calculating the carbon footprint and offsetting emissions.

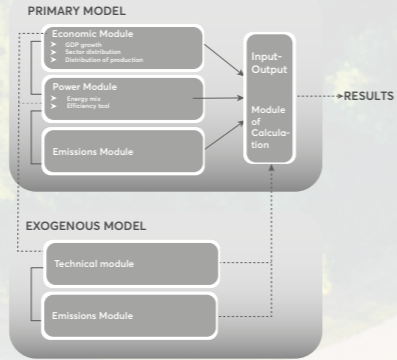
The projects used for offsetting emissions are **projects recognised** under the Clean Development Mechanism of the Kyoto Protocol, being endorsed by the United Nations Framework Convention Against Climate Change (UNFCCC).



BIOS® simulation model



Representation of the Roadmap of the Basque Country Climate Change Strategy 2050



The BIOS®, **simulation model**, developed by **Global Factor** and used in numerous projects at **national and regional** levels (e.g. Spain, Ukraine, Trinidad and Tobago or Mexico, among others) was designed to **forecast future GHG emissions and identify their main emission sources**, in order to develop **reduction and mitigation strategies**.

This model is based on a **macroeconomic approach** and is based on the interrelation of the different emitting sectors of a country or region through Input-Output tables. In other words, it is **centered around the relationships between different sectors and the final demand to produce goods and services**.

Hydroclim model



Article

The Impact of Climate Change on the Generation of Hydroelectric Power—A Case Study in Southern Spain



The Hydroclim model was built to **assess the impact of climate change on several hydroelectric power plants** in southern Spain. It has subsequently been used in several plants in various countries under very different operating and climatic conditions.

Hydroclim it allows to **simulate the operation of the plants** from basic data such as runoff, net head, turbine capacity or seasonality, so that it can be used to simulate the **implications of climate change scenarios and assess their consequences in terms of generation, revenues and operating margins, among others**.

An aerial photograph of a wide river winding through a dense, green forested area. The sky is a vibrant mix of orange, yellow, and purple, indicating a sunset or sunrise. The river reflects the colors of the sky. The overall scene is peaceful and natural.

IMPACT THROUGH ACTION

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