



The right people. The right solutions.

**RESPONDING TO THE BUSINESS
CHALLENGES OF CLIMATE CHANGE.**



Emission reduction project development
CO₂ project management
Carbon instruments trading
Carbon funds
Market intelligence

Industrials, governments, project owners, voluntary offset buyers:

No matter where you are located, no matter what your specific needs, orbeo has the experts, the products and the services required to manage all aspects of your carbon emission issues.



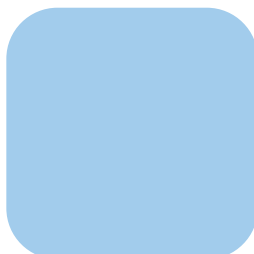
orbeo combines **industrial, environmental and financial expertises** dedicated to greenhouse gas emission reductions.

orbeo's teams have proven their capacity to **develop, register and monitor climate change projects** from diversified methodologies in various continents. We manage one of the largest carbon credits portfolios in the market.

orbeo has a solid distribution capacity, based on a large customer base. We design customised solutions and provide our customers with **risk management products and services to optimise their CO₂ exposure.**

The depth and breadth of our **knowledge** on the latest **environmental regulatory frameworks** and our **fundamental analysis** are unparalleled.

This, combined with our trading and marketing skills, allows **orbeo** to offer clients a wide range of innovative and diversified products and services.



Wherever you are, whatever your needs, orbeo can help.



Achieve your CO₂ targets

orbeo can help you define, develop, implement and monitor a greenhouse gas emission reduction project:

- anywhere in the world
- whatever the type of project is: Kyoto, voluntary, etc.
- for all technologies: energy efficiency, renewable energy, forestry, manufacturing, construction, transport
- according to various modalities (partnership, purchase/sale contract, etc.)

Understand markets and regulations

orbeo produces a full range of publications from short to long term, adapted to the needs of all types of operators:

- we monitor supply and demand evolutions to anticipate price movements
- we are active members of all industry's working groups to improve market efficiency
- we help our customers understand the market dynamics and evolution through regular Morning Meetings

Benefit from liquidity

orbeo has a full range of CO₂ instruments to provide liquidity:

- OTC
- Transactions via exchanges:
 - ECX: European Climate Exchange
 - BlueNext

Mitigate your risks

orbeo can customise various risk management solutions linked to CO₂ emissions:

- Kyoto credits (CER/ERU)
- European Union Allowances (EUA)
- Options
- Primary CER
- Carbon funds

Our achievements attest the strength of orbeo's expertise



To avoid the release of methane gas into the atmosphere, the sanitary landfill where the solid waste of Yaoundé, Cameroon is stored, deployed a project with **orbeo's** support.

An ERPA (Emission Reductions Purchase Agreement) was signed between **orbeo** and Hysacam, a Cameroonian company specialised in waste management, to have **orbeo** purchase the Certified Emission Reductions (CERs) generated by the project.

orbeo helped to implement the project and assisted Hysacam in the registration process with the UNFCCC.

This historic first landfill gas project in Central Africa generates jobs and will enable the avoidance of about 100,000 tons of CO₂ emissions per year*. It will also contribute to improving the local environment by better using renewable resources.

* source: UNFCCC website (pdd of Nkolofoulou landfill gas recovery project)

Zoom on orbeo forestry initiatives

Forestry in the carbon market: a new frontier

"Destruction of forests through deforestation and forest degradation now contributes about 18% of the planet's greenhouse gases, a principal cause of climate change. In addition, more than half a billion people living in extreme poverty depend on forests for their livelihoods. And forests are home to about 80% of the world's remaining terrestrial biodiversity." (1)

Well-designed carbon forestry projects offer tremendous environmental and social "co-benefits" that complement the carbon emission reductions. That is why corporate buyers of carbon offsets usually favour forestry over other types of carbon projects.

Emission reductions in the forestry sector can make a major contribution towards fighting climate change.

(1) Source: World Bank Issue Brief on Forestry, March 2011

Financing the best-in-class carbon forestry projects worldwide

Via dedicated funds, **orbeo** forestry initiatives provide investors with exposure to carbon credits generated by forestry type projects.

Credits are purchased on the primary or project market e.g. directly from project owners and by entering into ERPAs. This allows investors to benefit fully from the primary market discount.

All credits acquired are submitted for registration under existing standards (VCS, CAR, CDM). New standards that will emerge and lead to carbon credits that can be used in compliance markets will be used as soon as these are available.

orbeo partners for an afforestation project in Democratic Republic of Congo

Located on the Plateau of Bateke in the Democratic Republic of Congo, the Ibi Bateke Carbon Sink Plantation Project will transform degraded lands into 4,226 hectare plantation of acacias, eucalyptus and pine trees. It is expected to trap 2,4 million tons of carbon dioxide over 30 years. **orbeo** worked on the project's registration process under the UNFCCC and will buy part of the generated carbon credits. This CDM project is the first of its kind to be registered by the UNFCCC in the Democratic Republic of Congo and is only the third CDM forestry project to be registered in Africa. The carbon revenue will be invested in reforestation and local development activities.



From project to market,
orbeo develops customised and innovative
strategies serving all types of customers.

MAKE EMISSION REDUCTIONS HAPPEN

- Develop a methodology
- Write a project design document
- Oversee engineering
- Oversee registration
- Monitor, verify and obtain issuance of emission reductions
- Sell CERs
- Help obtain financing

orbeo is your end-to-end technical and financial partner to ensure your project is developed and deployed safely.

OPTIMISE AND MANAGE YOUR CO₂ EXPOSURE RISK

- Purchase or sell carbon instruments (CER, ERU, EUA, options, primary CER)
- Provide market research and analysis
- Offer advice and propose carbon exposure risk management or selling strategies
- Enable direct access to carbon markets

orbeo can tailor a hedging strategy perfectly suited to your requirements.

orbeo is committed to providing you analysis or a quote, anytime, anywhere.

Learn more, and find the contact details of the **orbeo** team nearest you:

www.orbeo.com

or write to:

contact@orbeo.com

orbeo sold primary CERs to NEFCO

NEFCO is an international finance institution established by the five Nordic countries. It administers the carbon fund for these nations. Across 2009–2012, **orbeo** sold 242,000 primary CERs under a SERPA (Secondary Emission Reduction Purchase Agreement) with NEFCO.

orbeo appointed dealer for CER sales by The World Bank

The World Bank, acting as Trustee for the Adaptation Fund, completed a sale of 570,000 tons of CERs. **orbeo** was appointed as the dealer for the sales. The end buyers of the CERs were widely diversified across sectors and regions.



Best Trading Company for

- EUA
- EUA options
- Primary CERs
- Secondary CERs

Awarded to:



FEBRUARY 2009 UK



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- EUA
- Primary CERs

N°2 Trading Company for

- EUA options
- Secondary CERs

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