

# Carbon Analytics



## Powerful

- Real-time
- Transversal
- Full featured
- Business oriented
- Fast
- Low-level Integration

## Straightforward

- Easy to deploy
- Easy to extend
- Easy to implement
- Easy to configure
- Easy to support
- Easy to maintain

## Robust

- Standard platform
- Cost effective
- Light weight
- Reliable
- Scalable

## REAL TIME CARBON EMISSIONS ANALYSIS AND REPORTING

Carbon Analytics quickly and easily identifies and supports the implementation of opportunities to reduce carbon emissions and its associated costs, by providing real-time intelligence on the company's electricity, transports and waste based emissions.

Carbon Analytics supports complex data enquiries, industry benchmarking and scenario analysis, enabling you to answer questions such as:

- *What is my company's carbon footprint and how does it compare with the industry's average and best practices?*
- *How are these emissions segmented, in terms of type, source, location or employee type?*
- *How can I reduce these emissions and how much will I save in energy, transportation and waste management related costs?*

Carbon Analytics is also a powerful reporting tool. All the data stored in the software can be formatted according to multiple reporting standards or exported to Microsoft Excel and other popular formats, or directly to the web.

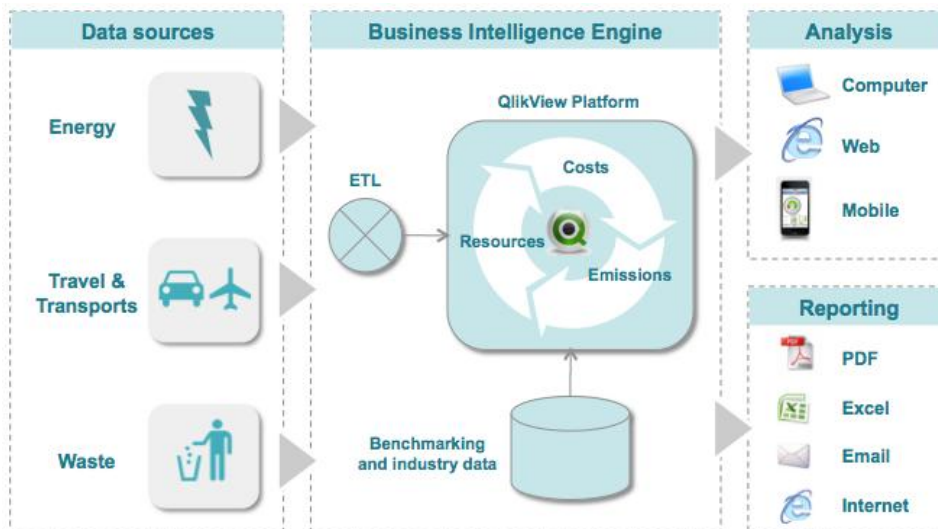
Carbon Analytics is based on QlikView, a standard business intelligence platform. That means it delivers powerful analysis and reporting tools at a fraction of the cost of competing solutions. It also makes it easy to implement and easy to use.

## Major features



- Real-time monitoring of carbon dioxide and other greenhouse gas emissions
- Control dashboard provides a general overview of the company and how it compares with the industry's average and best practices
- Individual tabs for energy, transports and waste related emissions allow for in-depth analysis
- Each tab provides detailed and segmented information on resource usage, the associated financial costs and the resulting carbon emissions
- What-if' scenarios enable the user to test the impact of emissions and cost reduction initiatives
- All data can be formatted according to multiple reporting standards or exported to popular productivity tools or directly to the web
- Local, web and mobile access

## Architecture



Carbon Analytics collects most of its data automatically and in real-time, through power and gas monitors and system interfaces. Data can also be collected manually, through web-based data forms.

All the data is then loaded onto the BI (Business Intelligence) engine through a lightweight ETL (Extract, Transform and Load) process, together with benchmarking and industry data. The BI engine is based on the QlikView platform, which supports complex data enquiries, searches, segmentation and consolidation.

Carbon Analytics is accessible locally, through a web-browser or with mobile applications. Its entire set of data can also be formatted according to multiple reporting standards or exported to PDF, Microsoft Excel and email, or delivered directly to internet and intranet websites.

## The QlikView Platform

QlikView, the BI engine which supports Carbon Analytics, is designed to deliver immediate business answers and enable users to easily explore their data without limits. Unlike traditional BI, QlikView can deliver value with payback measured in days or weeks rather than months, years, or not at all. It can be deployed on premise, in the cloud, or on a laptop or mobile device—from a single user to the largest global enterprise.

QlikView is used by more than 12,000 customers in 95 countries, including Shell, Toyota, Panasonic and the NHS.

Among many other applications, QlikView is used in balance scorecards, sales management, process assurance, supply chain monitoring and financial reporting. Find more about QlikView at [www.qlikview.com](http://www.qlikview.com).

## About CGI

Founded in 1976, CGI has worked with clients in a wide range of industries to help them leverage the strengths of information technology (IT) to optimize their business performance and produce value-driven results. We also offer a comprehensive array of business process outsourcing (BPO) services, enabling us to help manage and improve our clients' day-to-day business processes while freeing them up to focus more on strategic decision making. Our consulting, systems integration and outsourcing services provide a total solution package designed to meet our clients' complete business and technology needs. We approach every engagement with one objective in mind: to help our client win and grow. CGI provides services to clients worldwide from offices in Canada, the United States, Europe and Asia Pacific as well as from centers of excellence in North America, Europe and India.

Learn more at [www.cgi.com](http://www.cgi.com).

## About off7

off7 enables individuals and companies to reduce and offset their carbon footprint. It has been considered by Carbon Catalog as one of the world's Top 10 companies in this sector.

off7's consulting practice helps companies around the world to adapt to a low carbon economy by providing a full range of advisory services, delivered by experts in business strategy, product development, energy and resource efficiency, environmental law and marketing.

Learn more at [www.off7.pt](http://www.off7.pt).

