

# Bilan Carbone<sup>TM</sup>

# Quantify emissions, anticipate action



## Companies

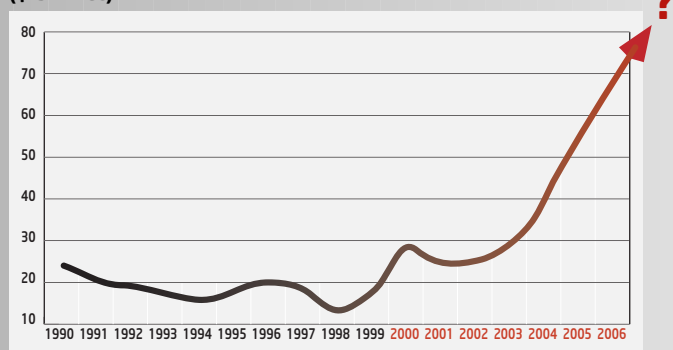
Start reducing your dependence on fossil fuels today  
Address the challenges of climate change for tomorrow



# Reducing your energy dependence: a strategic decision

**85% of the world's primary energy comes from fossil resources.** These are finite resources, and prices are rising as they are depleted. Companies and businesses must anticipate the coming changes.

ANNUAL AVERAGE COST OF BRENT CRUDE, 1990-2006  
(\$/BARREL)



Source: L'énergie en France - Repères - 2006

**Fossil forms of energy (petroleum, coal, gas) are the main sources of greenhouse gas emissions generated by human activity.** The increasing concentration of greenhouse gases (GHG) in the atmosphere is responsible for global warming, a phenomenon that threatens our development and our environment.

## SOME STRIKING FACTS

- Snowfall in some mountainous areas has dropped by 25 to 45%.
- Winter precipitation is up by 5 to 35%.
- Summers are dryer.
- Extreme weather and climate events are more frequent.

Source: Réseau Action Climat France - 2004

## Act now!

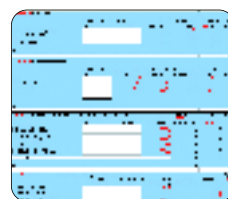
By bringing your energy dependence under control today you will have the advantage of starting early, to reduce your environmental impact.

**Bring** your company's teams together to focus on sustainable development.

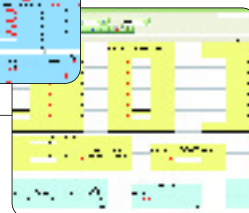


With **Bilan Carbone™** you will possess the advantages of an effective and recognised approach to environmental management.

- **Assess**  
your dependence on fossil fuels.
- **Anticipate**  
fluctuations in energy prices.
- **Limit**  
the impact of your activity on the climate.



A tool compatible with ISO 14064 and with the GHG Protocol.



# Bilan Carbone™

## A simple and efficient method

### > A pragmatic and highly operational approach

The tool offers simple spreadsheets for quick calculations that enable you to make the most of your business activity data (energy bills, amounts of raw materials purchased, km travelled, etc.) Your greenhouse gas emissions are estimated in tonnes carbon equivalent, item by item, category by category.

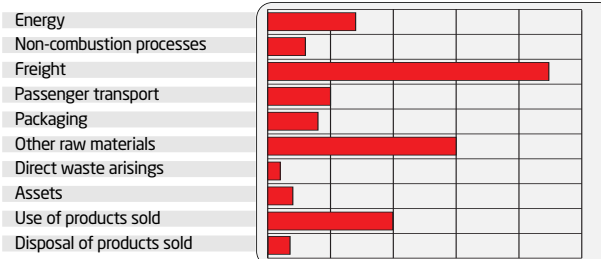
### > An overall evaluation

All the greenhouse gas emissions linked to your company's activity are taken into account. The broader the evaluation the more scope you have for action, and the greater the benefits to be gained from your forward-looking decisions.

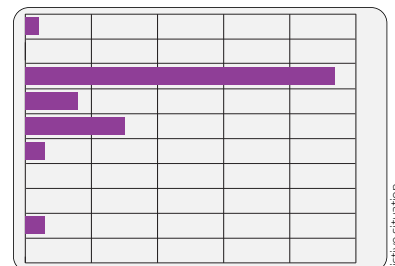
### > Strategic and economic simulation

A dedicated module measures your company's vulnerability to fluctuations in energy prices and exposure to taxation of GHG emissions.

EMISSIONS BY CATEGORY IN TONNES CARBON EQUIVALENT



FINANCIAL IMPACT OF AN INCREASE IN THE PRICE OF HYDROCARBON FUELS (€)



Fictive situation

Economic projections based on hydrocarbon fuel prices



**Decide** on the steps to take for the future.

A widely recognised **approach**,  
with proven effectiveness

- Over 400 companies have already chosen Bilan Carbone™. SMEs make up close to half of our customer references, along with major firms such as LEGRAND, GROUPE LA POSTE, LVMH, VEOLIA, ALCATEL, BRITISH COUNCIL France, CARREFOUR, and others.
- Over three-quarters of these companies have taken action thanks to Bilan Carbone™ and have already seen significant returns.
- More than 9 out of 10 are satisfied with the method; after implementing it at one site, several companies are planning to extend it to their group as a whole.

## An expert at your side: accompanying measures made to order

Implementation of a Bilan Carbone™ assessment starts with a methodological support phase lasting about ten days<sup>(1)</sup>. Conducted by a consultant or technical firm trained by ADEME, this assistance will give you the benefit of an outside point of view. Over 200 consultants (worldwide work field with the english version of the Bilan Carbone™) are already qualified and ready to help your company in this process.

### The consultant works with your staff to:

- guide the gathering of data
- pilot working sessions designed to establish the assessment and identify priorities for action
- propose and elaborate supporting arguments to orient further action
- assist your company in the choice and implementation of your action plan.

(1) This time frame corresponds to the first diagnostic phase for a single site. Audits of several sites, or on a group-wide scale, and implementation of steps to reduce emissions will require additional time.



### What users say about Bilan Carbone™

“ Bilan Carbone™ gave us a chance to optimise our process and substantially reduce the amounts of raw materials used. In all, this measure has resulted in financial savings of 400 000 €/year and has reduced our GHG emissions by at least 290 tonnes CO<sub>2</sub> equivalent per year.”

“ By replacing a solvent with a water-based solution we are going to be able to significantly reduce our GHG emissions.”

“ Our implementation of Bilan Carbone™ was highly appreciated by the ISO 14001 auditor, who saw it as a very positive aspect of our environmental management.”

“ Bilan Carbone™ stimulated us to re-assess our logistics chain. We have doubled our maritime shipments in the last two years.”

**To learn more  
about Bilan Carbone™**  
to obtain a list of consultants, additional  
information about methodology, etc.  
visit our website at  
[www.ademe.fr/bilan-carbone](http://www.ademe.fr/bilan-carbone)

